


SRI SAI RAM ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING

Name: Dr. C. PARSWAJINAN	
Designation:	ASSOCIATE PROFESSOR
Qualification:	B.E., M. TECH, Ph.D.,
Area of Specialization:	METAL MATRIX COMPOSITE
Experience:	Teaching- 9 Years
	Industry – 1 Year 5 Months
Number of Workshops/ Conferences/ FDP Attended:	WORKSHOP- 2 NATIONAL/INT. CONFERENCE- 14 FDP Attended: 6
Publication:	Journal: National - NIL International- 10
	Conference: National: 1 International: 14
General:	Talent Enabler, IEI College Coordinator (IEI KLC),
Staff Achievement	Reviewer in reputed journals

Educational Qualification:

Course	Institution	Year of Passing	Board/University	CLASS
S.S.L.C	Kingston Matric. Hr. Sec. School	2000	State board	First
H.S.C.	St. Ann's Hr. Sec. School	2002	State board	First
B.E (Mechanical Engineering)	M.N.M. Jain Engg. College	2007	Anna University	First
M.Tech - CAD	SRM University	2013	SRM University	First
Ph.D Composite Materials	SCSVMV University	2019	SCSVMV University	-

Professional Experience:

Sl. No.	College/Organization	Designation	Period From To	Total period	Nature of work
1.	Sri Sai Ram Engineering College	Associate Professor	01.06.2019 to Till Date	1 year 10 Months	Teaching
2	Sri Sai Ram Engineering College	Assistant Professor	18.10.12 to 31.05.2019	6 Years 7 Months	Teaching
3	Balaji Institute of Engineering and Technology	Assitant Professor	14.07.10 to 13.10.12	2 Years 3 Months	Teaching
4	Apollo Engineering College	Lecturer	22.06.09 to 12.07.10	1 Year	Teaching
5	Ambeesoft Technologies	Software Engineer	21.09.07 to 27.02.09	1 Year 5 Months	Programmer

International Conferences Attended:

1. C. Parswajinan, “Experimental Investigation on Surface Characteristics of Nano Iron”, National Conference on Advances in Mechanical Engineering – NCAME’13.

Papers published in the international conferences:

1. C. Parswajinan, B. Vijaya Ramnath, C. Elanchezhian, S. V. Pragadeesh, C. Kavin, P. R. Ramkishore, V. Sabarish, ‘Experimental Investigation on Compression and Chemical Properties of Aluminium Nano Composite’, International Journal Applied Mechanics and Materials, Volume 680, July 2014, Page 7-10.
2. C. Parswajinan, B. Vijaya Ramnath, C. Elanchezhian, M. Jaivignesh, S. Rajesh, A. Siddique Ahmed Ghias, “Evaluation of Mechanical Properties of Aluminium Alloy-Alumina-Boron Carbide Metal Matrix Composites”, Materials and design, Volume 58, June 2014, Pages 332-338.
3. C. Parswajinan, B. Vijaya Ramnath, C. Elanchezhian, S. V. Pragadeesh, P. R. Ramkishore, V. Sabarish, ‘A Review on CNT Reinforced Aluminium and Magnesium Matrix Composites’, International Journal Applied Mechanics and Materials, Volume 591, June 2014, Pages 120-123.
4. C. Parswajinan, B. Vijaya Ramnath, C. Elanchezhian, S. V. Pragadeesh, P. R. Ramkishore, V. Sabarish “Investigation on Mechanical Properties of Nano Ferrous Composite” Procedia Engineering 97 (2014) 513 – 521.
5. C. Parswajinan, B. Vijaya Ramnath, M. Vetrivel, C. Elanchezhian, K. Loganathan, R. Sarvesh, C. Rohit Prasanna, R. N. Karthik Babu, “Experimental Investigation of Mechanical and Chemical Properties of Aluminium reinforced with MWCNT”.

Accepted for publication in International Journal Applied Mechanics and Materials. Vol.766-767(2015) pp 287-292.

6. C. Parswajinan, B. Vijaya Ramnath, M. Vetrivel, A. Riyaz Ahmed, A.S.A. Syed Mohamed Buhari, C. Muthukumaaran, I. Anish Hilary, “Design and fabrication of Impact Die for Powder Metallurgy”. Materials Today: Proceedings 5 (2018) 329–334.
7. C. Parswajinan, B. Vijaya Ramnath, M. Vetrivel, A. Ranjith, B. K. Rohit, S. Vasanth, S. Vignesh, “Determination of Mechanical Behaviour of Fe-CNT MMC”. Materials Today: Proceedings 5 (2018) 1176–1185.
8. C. Parswajinan, B. Vijaya Ramnath, A. S. A. Syed Mohammed Buhari, C. Muthukumaaran and A. Riyaz Ahmed, “Investigations of mechanical properties of Aluminium Matrix Composite reinforced with B₄C and MWCNT”, Adv. Sci. Eng. Med. 10(2018), 395–397.
9. C. Parswajinan, B. Vijaya Ramnath, N. Sai Prasath, S. Kuralamudhan and S Balaji, “Mechanical investigation of Aluminum hybrid Composite Reinforced with CNT and Aluminum oxide (Al₂O₃)”, Adv. Sci. Eng. Med. 10(2018), 426–428.
10. C. Parswajinan, B. Vijaya Ramnath, M. Vetrivel, M. Aswin and B. Mohana Vignesh, “Mechanical Behaviour of Aluminium Metal Matrix Composite”, Adv. Sci. Eng. Med. 10(2018), 460–462.

Short Term Course (Refresher courses) Attended: NIL

Faculty/Staff Development /Training Program (Orientation programmes) Attended:

1. Faculty Development Program “Computer Aided Design and Usage of Software” - Dept of mechanical Engineering-Sri Sairam Engineering College. From 4.8.2016 to 6.8.2016.
2. Industry-Institution Interaction Event: Environment Management in Industrial Sectors-Status and Needs; Department of Mechanical Engineering, Sri Sairam Engineering College from 24.7-2014 to 25.7.2014.
3. Faculty Development Program “Advancements in materials, Manufacturing Processes and Management Systems”-Dept of mechanical Engineering-Sri Sairam Engineering College. From 4.11.2013 to 16.11.2013.
4. Faculty Development Program, “Finite Element Analysis” held at St. Joseph’s engineering college.
5. Internal Auditor certificate issued by creative management consultants- ISO 9001:2008 quality management system and Audit training.

Resource person in FDP: NIL

Workshops Attended:

1. One day workshop -Dept of mechanical Engineering-Sri Sairam Engineering College.
2. One day workshop on 19-7-2012 Department of Mechanical Engineering, Sri Sairam Engineering College, " Finite element analysis tools and its applications”.

Events organized: NIL

Funded Projects: NIL

List of publications in international journals:

1. C. Parswajinan, B. Vijaya Ramnath, C. Elanchezhian, M. Jaivignesh, S. Rajesh, and A. Siddique Ahmed Ghias, "Evaluation of mechanical properties of aluminium alloy–alumina–boron carbide metal matrix composites", *Materials & Design*, Vol. 58, 2014, pp 332-338
2. C. Parswajinan, B. VijayaRamnath, C. Elanchezhian, S. V. Pragadeesh, C. Kavin, P.R. Ramkishore, V. Sabarish, 'Experimental Investigation of Compression and Chemical Properties of Aluminium Nano Composite', *International Journal Applied Mechanics and Materials*, Vol.680, 2014, pp 7-10.
3. C. Parswajinan, B. VijayaRamnath, C. Elanchezhian, S. V. Pragadeesh, P. R. Ramkishore, V. Sabarish, 'A Review on CNT Reinforced Aluminium and Magnesium Matrix Composites', *Applied Mechanics and Materials*, Vol. 591, 2014, pp 120-123.
4. C. Parswajinan, B. VijayaRamnath, C. Elanchezhian, S. V. Pragadeesh, P. R. Ramkishore, V. Sabarish, 'Investigation on Mechanical Properties of Nano Ferrous Composite', *Procedia Engineering*, Vol. 97, 2014, pp 513-521.
5. C. Parswajinan, B. Vijaya Ramnath, M. Vetrivel, K. Loganathan, R. Sarvesh, C. RohitPrasanna, R. N. Karthik Babu, 'Experimental Investigation of Mechanical and Chemical Properties of Aluminium reinforced with MWCNT', *International Journal Applied Mechanics and Materials*, Vol. 766-767, 2015, pp 287-289.
6. C. Parswajinan, B. Vijaya Ramnath, M. Vetrivel, P. Ramanarayanan, S. Bharath, T. Ajayand R. Raghav Chander, "A Review on Composite Materials with Ferrous, CNT and Powder Metallurgy", *Applied Mechanics and Materials*, Vol. 813-814, 2015 pp 9-13.
7. C. Parswajinan, B. Vijaya Ramnath, M. Vetrivel, A. Riyaz Ahmed, A.S.A. Syed Mohamed Buhari, C. Muthukumaaran, I. Anish Hilary, "Design and fabrication of Impact Die for Powder Metallurgy". *Materials Today: Proceedings* 5 (2018) 329–334.

8. C. Parswajinan, B. Vijaya Ramnath, M.Vetrivel,A.Ranjith, B. K. Rohit, S. Vasanth, S. Vignesh, “Determination of Mechanical Behaviour of Fe-CNT MMC”. Materials Today: Proceedings 5 (2018) 1176–1185.
9. C. Parswajinan, B. Vijaya Ramnath, A. S. A. Syed Mohammed Buhari, C. Muthukumaaranand A. Riyaz Ahmed, “Investigations of mechanical properties of Aluminium Matrix Composite reinforced with B4C and MWCNT”, Adv. Sci. Eng. Med. 10(2018), 395–397.
10. C. Parswajinan, B. Vijaya Ramnath, N. Sai Prasath, S. Kuralamudhan and S Balaji, “Mechanical investigation of Aluminum hybrid Composite Reinforced with CNT and Aluminum oxide (Al_2O_3)”, Adv. Sci. Eng. Med. 10(2018), 426–428.
11. C. Parswajinan, B. Vijaya Ramnath, M. Vetrivel, M. Aswin and B. Mohana Vignesh, “Mechanical Behaviour of Aluminium Metal Matrix Composite”, Adv. Sci. Eng. Med. 10(2018), 460–462.