

Dr.M.SIVAPRAKASH [Associate Professor]

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Area of Specialization: ME-CAD



Objective

To have a growth oriented and challenging career, where I can contribute my knowledge and skills to the organization and enhance my experience through continuous learning and teamwork .

Experience in SMCE

25-05-2015 – Till Date

Associate Professor [Mechanical Engineering]

Education

Examination	College/University	Major	Year
Ph.D.	Anna University	Mechanical Engineering	2017
M.E.	Sathyabama University	CAD	2009
B.E.	Islamiah Institute of Technology	Mechanical Engineering	2002

Awards / Honors / Membership in Scientific and Professional Societies

List of Publications

A) International Journals

- ◆ Published a paper on International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 5, December 2016 in the title "Machining and Tribology Characteristic of LM20/GR/Alumina Hybrid Metal Matrix Composite".
- ◆ Published a paper on International Conference on Modelling, Optimisation and Computing in the title "Analysis of Aluminium-Flyash Particulate Metal Matrix Composites Properties of Cylindrical Specimen".
- ◆ Published a paper on International Journal of Scientific and Engineering Research, Vol. 4, Issue 5, May 2013 in the title "Analysis of friction factor by employing the ring compression test under different lubricant".

B) International and National conference

- ◆ Presented a paper on National conference "NCRAME-17" at V V College of Engineering, Tuticorin in the title "Study on Pyrolysis Reactor for Production of Bio-oil".
- ◆ Presented a paper on National conference "NCRAME-19" at V V College of Engineering, Tuticorin in the title "Analyzing the Mechanical Properties of NanoAluminium Silicon Carbide and Magnesium".
- ◆ Presented a paper on National conference "NCRAME-19" at V V College of Engineering, Tuticorin in the title "Morphological Study of Glass Fiber with Nylon Fiber Epoxy Composite".
- ◆ Act as a Chair person in the International Conference on Advances in Material Science & Nanotechnology (ICMN-2K19) organized by Stella Mary's College of Engineering, Kanyakumari Dist. Tamil Nadu, India on 29th & 30th April, 2019.

C) Workshop

- ◆ Participated in faculty development programme on "CAE" conducted by Stella Mary's college of Engineering, Aruthengenvilai.
- ◆ Participated in National Level one day workshop "FAIE'17" organized by the department of Mechanical Engineering (MECHASM) conducted by Stella Mary's college of Engineering, Aruthengenvilai on 15th February 2017
- ◆ Participated in Workshop "Implementation of Artificial Intelligence in Engineering Applications" organized by Sun College of Engineering and Technology, Erachakulam on 18th August 2017.
- ◆ Participated in National Level Workshop "Research Opportunities in Composites and Advanced Materials" organized by Cape Institute of Technology, Leveingipuram on 17th March 2012.
- ◆ Participated in Two Day Workshop "Gateway to Research" organized by Noorul Islam Centre for Higher Education, Kumaracoil on November 2011.

Projects Handled UG/PG

Sl.No.	Title	Student Name	Year
1.	Design and fabrication of multipurpose cylinder fixture.	Antony Pinesh.A, AswinAjith. T, Jude AnsalamShyras. M, Sajiv. M	2016
2.	Design and fabrication of bevel gear press.	Sankar.G, SibiJose.V, Siva.V, Vijay.R	2016

3.	Wear characteristics of AL ₂ O ₃ and Zr alloy and flyash hybrid composites.	A.AneeshBrabu, F.Sanjay, A.Jinu Raj	2017
4.	Scruting of coconut shell for engineering application.	Jude AnsalamShyras.M, KishonDery.G, Rakhesh.I.P	2017
5.	Design and fabrication of multi purpose cylinder fixture.	Antony Pinesh.A, AswinAjith.T, Jude AnsalamShyras.M, Sajiv.M	2018
6.	Design and fabrication of bevel gear press.	Sankar.G, SibiJose.V, Siva.V, Vijay.R	2018
7.	Design movements of spider robot.	Thanish.N, Pervin.N, JamelsPeter.P, Manikandan.A	2018
8.	Design and fabrication of wiper system	Viknesh. M.C, Vinish. V.S, Ajin. T, Gokhan. M.G	2018
9.	Analysis of hybrid power generation by using renewable energy sources.	Manikandan.A, Ajith.A, NibuNixon.J	2019
10.	Design and fabrication of Naval ship.	Abilash.N, Antony Nishanth.S, RevanthMalto.A.R, Geoshan.G.S, AntoRichadson.	2019
11.	Morphological study of glass fiber with nylon fiber epoxy composites.	Mahesh.S, Ansal.G, John Jebin.J, RavoofRaheem.K	2019
12.	Analyzing the mechanical properties of nanoaluminium Sic Mg composite material.	Udhayan.K, Renjith.R, Abilash.N	2019
13.	Design and fabrication of horizontal axis Wind Mill.	Ajith J K, Ajith R, ArunVibeas M, Edwin Jacob A, JebinAntro W, Jeyanth K, John Benjamin J, Pavithran P, Reslin R, Rishanth K V, Ajmal Khan	2019

Administrative Responsibilities

A) Institute Level

- Foodcommittee
- Discipline committee
- Project coordinator

B) Department Level

- Mentor for III year
- Class incharge for III year
- Naac-criteria III, coordinator

Invited Talk Delivered
