

**Sri Sai Ram Engineering College**  
**Department of Production Engineering**



**Name : P.V.Inbanaathan**

**Designation: Assistant Professor**

**Qualification : M.E., (Ph.D)**

**Area of Specialization : Automobile Engineering**

**Experience : Teaching : UG : 6 years 1 Month**

**Industry : -**

**No. of workshop / Conferences / FDP  
attended**

**: Workshop : 8  
Conferences : 3  
FDP : 4**

**No. of workshop / Conferences / FDP  
organized**

**: 2**

**Publication: Journal**

**National : 1  
International :4**

**Conference National : 1  
International : 2**

**Research Guidance :-**

**General : -**

**Funded Projects: -**

Project Title	Project Duration	Amount Received	Funding Agency	Status (Completed / In progress)	Number of faculty involved
Power generation from waste heat using micro organic rankine cycle for small scale industries	March 2019- March 2020	7500	Tamilnadu State Council for Science and Technology	Completed	1

**Experience :( Details)**

S.No	Institution	Designation	Experience	
			Years	Months
1.	Sri Sai Ram Engineering College, Chennai	Assistant Professor	6	1
		<b>Total</b>	<b>6</b>	<b>1</b>

**Workshop/ FDP attended: (List)**

S.No	Program Details	Program Venue	Date
1.	Online FDP on Concept of Thermodynamics, Fluid Mechanics and Dynamics for Mechanical Engineers	SRM Valliammai Engineering College	11-15 May 2020
2.	Online Webinar on "TECHNOLOGY BEHIND BS-VI "	ZOOM PLATFORM	May 30, 2020
3.	Online Webinar on "INDUSTRY 4.0"	ZOOM PLATFORM	May 20, 2020
4.	Three days workshop on "Recent Trends in Fluid Power Control System & it's Industrial Applications"	Sai Ram Engineering College, Chennai	February 4-6, 2020
5.	Guest Lecture on "Engine Management System"	Sai Ram Engineering College, Chennai	January 22, 2020

6.	Faculty Development Training Programme on "Introduction to Research"	NPTEL – AICTE FDP Course	October to November 2019
7.	One day Workshop on "Intellectual Property Rights & Innovations"	Sri Sai Ram Engineering College, Chennai in association with Centre For Intellectual Property Rights (CIPR), Anna University, Chennai	July 20, 2019
8.	Two Day Faculty Development Programme on "Goal Setting"	ICT Academy and Sri Sairam Engineering College	December 20- 21, 2018
9.	Two Day Workshop on "Finite Element Analysis and its Industrial Applications"	Department of Production Engineering, Sri Sai Ram Engineering College, Chennai	6 <sup>th</sup> & 7 <sup>th</sup> August, 2018
10.	One Day Workshop on "Industrial Applications of Jigs, Fixtures and Press Tools"	Department of Production Engineering, Sri Sai Ram Engineering College, Chennai	19 <sup>th</sup> March , 2018
11.	DST- Sponsored Two days National Workshop on "RECENT AND FUTURE TRENDS IN AUTOMOBILE ENGINEERING"	Anna University, Madras Institute of Technology Campus, Chrompet, Chennai.	9 <sup>th</sup> & 10 <sup>th</sup> March 2018
12.	Faculty Development Training Programme on "AUTOMOBILE ENGINEERING"	Department of Mechanical Engineering, Sri Sai Ram Engineering College, Chennai	29 <sup>th</sup> November to 5 <sup>th</sup> December 2017

**Workshop/Conferences/FDP organized: (List) -**

- ❖ Organized a one day Workshop on "Industrial Applications of Jigs, Fixtures and Press tools" held on March 19, 2018 and national level technical symposium named "PROLUX 2k17" in the department of production engineering held on August 22, 2017 at Sri Sairam Engineering College, Chennai.
- ❖ Organizing member in 1st International Conference on "Advances in Materials and Manufacturing Engineering" (ICAMME'14) held on December 19 & 20, 2014 at Sri Sairam Engineering College, Chennai.

**Publication: (Details) –**

- ❖ Published **book chapter in Springer nature** Bio-resource Utilization and Bio-processes, “**Experimental Investigation of Performance and Emission Characteristics of Diesel Blended with Palm Methyl Ester along with Alumina Nano additive using D.I. Diesel Engine**”
- ❖ **Mr.P.V.Inbanaathan**, Published a paper on “**Mechanical Property Evaluation of Banana Jute Fibre Along with Carbon Fibre Epoxy Composite Material**”, International Journal of Engineering and Advanced Technology (IJEAT) – **SCOPUS INDEXED**, ISSN: 2249 - 8958, Volume-8, Issue-6S3, **September 2019**.
- ❖ **Mr.P.V.Inbanaathan**, Published a paper on “**Characteristics Investigation on DI Diesel Engine with Nano-Particles as an Additive in Lemon Grass Oil**”, SAE Technical Paper – **SCOPUS INDEXED**, SAE Technical Paper 2019-28-0081, 2019, doi: 10.4271/2019-28-0081.
- ❖ **Mr.P.V.Inbanaathan**, Published a paper on “**Flexural behavior of sandwich structure with AA8011 honeycomb core and Al 1100 Face skins**”, **International Journal of Vehicle Structures and Systems (IJVSS) – SCOPUS INDEXED**, Online ISSN: 0975-3540, Vol 10, Issue No 6 (2018), **December 2018**.
- ❖ **Mr.P.V.Inbanaathan**, Published a paper on “**Micro Structural Analysis of Cryogenically Treated Carbon fibre Reinforced Epoxy Laminates and Aluminium**”, **Journal of Advanced Research in Dynamical and Control Systems (JARDCS) – SCOPUS INDEXED**, ISSN: 1943-023X, Issue: 01-Special Issue, pp. 559-565, **June 2018**.

**Conference :(list)**

- ❖ **Mr.P.V.Inbanaathan**, has presented a paper titled “**Characteristics Investigation on DI Diesel Engine with Nano-Particles as an Additive in Lemon Grass Oil**” in “**International Conference on Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility 2019**” (ADMMS’19) held at MIT, Chrompet on 11th - 12th October 2019.
- ❖ **Mr.P.V.Inbanaathan**, Participated in the **8<sup>th</sup> International Conference on Sustainable Waste Management** under the aegis of International Society of Waste Management Air

and Water (ISWMAW), Acharya Nagarjuna University, Guntur, AP, India from **November 22 – November 24, 2018.**

- ❖ **Mr.P.V.Inbanaathan**, has presented the poster at the **8th IconSWM** under the title **“Experimental Investigation Of Performance And Emission Characteristics Of Diesel Blended With Palm Methyl Ester Along With Alumina Nano Additive Using D.I. Diesel Engine”** in the 8<sup>th</sup> International Conference on Sustainable Waste Management under the aegis of International Society of Waste Management Air and Water (ISWMAW), Acharya Nagarjuna University, Guntur, AP, India from **November 22 – November 24, 2018.**

#### **Online Courses:**

- ❖ **Mr.P.V.Inbanaathan / Assistant Professor - III, Department of Production Engineering**, completed **NPTEL online certification programme** on **“ENGINEERING THERMODYNAMICS”** and Successfully Completed the Course.
- ❖ **Mr.P.V.Inbanaathan / Assistant Professor - III, Department of Production Engineering**, completed **NPTEL online certification programme** on **“INTRODUCTION TO RESEARCH”** and Successfully Completed with Silver Medal.