

<b>Name</b>	Dr.M.Chrispin Das
<b>Designation</b>	Associate Professor
<b>Contact details (Phone number &amp; Official Mail ID)</b>	+918675595959, chrispindasm@stjosephstechnology.ac.in
<b>Date of birth</b>	07.02.1986
<b>Qualification:</b>	B.E.,M.E.,PhD
<b>Years of Experience:</b>	<b>Total of 15 Years</b>
	<b>Teaching:</b> 15
	<b>Industry:</b> NA
<b>Subjects handled:</b>	Engineering Graphics Manufacturing Technology I Power Plant Engineering Production Planning and Control Unconventional machining processes Principles of Management Basic Civil and Mechanical Engineering
<b>Area of research:</b>	Composite Materials
<b>Guide ship Details:</b>	Ref No <b>3120014</b>
<b>Research Guidance:</b>	Guiding 1 Student DC Member at Visvesvaraya Technological University
<b>Awards and Achievements(Journal editors):</b>	Editorial Board Member of Associated Journals (Scopus Indexed) of Blue Eyes Intelligence Engineering & Science Publication. Membership No 202097 Hon. Editorial Board Member – Consulting Editor, Recognized by “Innovative Scientific Research Professional”, Malaysia (Journal of Automotive Mechanical & Aerospace Engineering Research, ISSN 2229 – 9270) Editorial Board Member of “Asian Journal of Applied Science and Technology” ISI Indexed Journal, ISSN 2456 – 883X, Impact Factor 1.805.
<b>Journal Publication Details:</b>	1. Athijayamani, A, <b>Chrispin Das M</b> , Sekar, S &Ramanathan, K 2017, “Mechanical Properties of Phenol Formaldehyde Hybrid Composites Reinforced with Natural Cellulose

Fibers", BioResources, vol.12, no.1, 1960-1967. ISSN: 1930-2126. SL.No. 1465, Annexure I, (Impact factor: 1.334). Wos

2. **Chrispin Das M**, Athijayamani, A, Sidhardhan,S & Ramanathan,K2017, 'Analysis of mechanical properties of Areca fine fiber-reinforced phenol formaldehyde composite using Taguchi technique', Journal of Applied Research and Technology, vol.15, no. 4, pp. 365-370,ISSN:1665-6423.(Annexure I, Impact Factor : 0.806). Scopus
3. **Chrispin Das M**, A. Athijayamani, K. Arun Vasantha Geethan, D. Santosh, S. Prathap Singh, "Effect of fiber length and content of natural cellulose fiber on the mechanical behaviors of Phenol Formaldehyde Composites." Elsevier Materials today: Proceedings, Feb 2020 (Scopus)
4. **Chrispin Das M**, S. Prathap Singh, D.Elil Raja, T. Prabhuram 'Enhancement of Mechanical Properties of Phenol Formaldehyde Composite by Chemically Modified Areca Fine Fibers' , TEST Engineering and Management, Vol 83,no 3, pp 14545-14548, ISSN -0193- 4120. Scopus
5. **Chrispin Das M**, S. Prathap Singh, D.Elil Raja, T. Prabhuram 'Evaluation of Mechanical properties of Banana Fiber and particulate reinforced Epoxy Composite', Studies in Indian Place Names (UGC Care) Vol 40,no 3, pp 7086-7092, ISSN -2394 - 3114, (Impact Factor : 6.3).
6. **Chrispin Das M**, R.I. Rajidap Neshtar, S. Prathap Singh, D.Elil Raja, T. Prabhuram 'Effects of Addition of Ground Nut Shell Particulates (GSP) on the Mechanical properties of AFF/PF Composite', Studies in Indian Place Names (UGC Care) Vol 40,no 3, pp 7079-7085, ISSN -2394 - 3114, (Impact Factor : 6.3).
7. R. Malkiya Rasalin Prince, N. Selva Kumar, D. Arulkirubakaran, S.Christopher Ezhilil Singh, **Chrispin Das M**, C.Prabha, Praveen Kumar Bannaravuri, R.B. Jeen Robert, I. Living Prephet, 'TG/DTA Studies on the Oxidation and Thermal Behaviour of Ti-6Al-4V-B<sub>4</sub>C Coatings Obtained by magnetron sputtering', Journal of Applied Research and Technology, Vol 18, no 3. pp 108-118 (June 2020) (Scopus)
8. A. Sujin Jose, V.V Sudheer Babu, S.P.Jani, **Chrispin Das M**,

'Evaluation of Mechanical Properties of Epoxy Matrix composites for various Filler Loading', International Journal of Mechanical and Production Engineering Research and Development. Vol 10, Special Issue, pp 9-15, ISSN(P) 2249-6890; ISSN(E): 2249 -8001 (June 2020) Scopus

9. D. Elil Raja, S. Prathap Singh , J. Immanuel Durairaj, T. Prabhuram , **Chrispin Das M**, OPTIMIZATION OF OPERATION PARAMETERS IN MACHINING OF FUNCTIONALLY GRADED METAL MATRIX COMPOSITE USING TOPSIS, Vol 40, 2020, ISSN: 0303-6286, 1659 Wos
10. D. Elil Raja, **Chrispin Das M**, S. Prathap Singh, R. Malkiya Rasalin Prince, Enhancement of behaviors of Areca Fine Fiber/Phenol Formaldehyde Composite by the Addition of Oxide and Carbide Particles, V (33) Issue (2). PP. 2206-2215.
11. R.Malkiya Rasalin Prince, N.Selvalumar, D.Arul Kirubhakaran, S.Christopher Ezhilil Singh, **Chrispin Das M**, Praveen kumar Bannaravuri, R.Mercy Russelin Prabha, J.Aldrin Raj, R.B Jeen Robert, ZrC – “Impregnated Titanium – Based Coating as an Effective Lubricating Barrier for Artificial Hip Prosthesis” Materials Performance and Characterization Vol 10 No.01.2021 doi 10.1520/MPC20200075 (Wos)
12. Prabhuram T, J Immanuel Durairaj, Prathap Singh, Elilraja D, Chrispin Das and Arthur Jebastine Sunderraj “Optimization of operation parameters in machining of Functionally Graded Metal Matrix Composite using TOPSIS” Submitted in Materials today Proceedings” 2022(Scopus)
13. Chrispin Das M, Arthur Jebastine Sunderraj D, Arun Vasantha Geethan K, Elilraja D, Prabhuram T and Prathapsingh S, ‘Mechanical and Moisture Absorption Behavior of Woven Pineapple Leaf Phenol Formaldehyde Composites” Submitted in Materials today Proceedings” 2022(Scopus)
14. D. Elil Raja, S. Prathap Singh, V. Rangarajan, M. Chrispin Das, *Tribological and characterization studies of aluminium alloy 6061 reinforcement with aluminium oxide and copper metal*

	<p><i>matrix composites</i>, Vol. 23, No. 6, pp. 926~933 (2022)</p> <p>15. T. Prabhuram , S. Prathap Singh, , D. Elil Raja , J. Immanuel Durairaj , M. Chrispin Das, P. Ravichandran, "Development and mechanical characterization of jute fibre and multi-walled carbon nanotube-reinforced unsaturated polyester resin composite" 25 August 2023</p>
<b>Book and Chapter Publications:</b>	
<b>International Conference:</b>	<ul style="list-style-type: none"> <li>Presented a paper titled "Mechanical and Moisture Absorption Behavior of Woven Pineapple Leaf Phenol Formaldehyde Composites" in an International Conference (ICEMMM-2021) on 16th &amp; 17th December 2021 at SSN College of Engineering, Chennai.</li> <li>Presented a paper titled "Optimization of operation parameters in machining of Functionally Graded Metal Matrix Composite using TOPSIS" in an International Conference (ICEMMM-2021) on 16th &amp; 17th December 2021 at SSN College of Engineering, Chennai.</li> <li>Presented a paper titled "Effects of Length and Content of Natural Cellulose Fiber on The Mechanical Behaviors of Phenol Formaldehyde Composite" in an International Conference (ICAMR – 2019) at Bannari Amman Institute of Technology, Coimbatore</li> </ul>
<b>National Conference:</b>	
<b>Patent:</b>	<p>Design Patent "Battery Operated Scooter for Kids" Granted on 25/01/23</p> <p>Design Patent filed on "Tube Squeezer" on 27/10/2020, and granted on October 2021</p> <p>Design Patent "An IoT enabled Apparatus for Cooking" German Patent, Granted on 12.05.2022</p>
<b>FDP/Workshop/STTP attended:</b>	<ul style="list-style-type: none"> <li>Attended Faculty Development Program on "<b>Emerging Areas in Manufacturing</b>" held during 25 th May to 30 th May 2020 organized by the Department of Mechanical Engineering, Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi, Kannur – 670632, Kerala.</li> <li>Attended Faculty Development Program on "<b>Novel Materials and its Industrial Applications</b>" from 13 May 2020 to 18<sup>th</sup> May 2020 organized by Centre of Excellence For Composite Research and Department of Mechanical Engineering, Karpagam College of Engineering, Coimbatore.</li> <li>Attended Faculty Development Program on "<b>Dynamics of Machines</b>" from 21<sup>st</sup> May 2020 to 25<sup>th</sup> May 2020 organized by the</li> </ul>

Department of Mechanical Engineering, Mohamed Sathak A.J College of Engineering.

- Attended Faculty Development Program on “**Nanocomposites and Nanomaterials and its Characterization**” held during 8<sup>th</sup> to 20<sup>th</sup> June 2020 organized by the Department of Mechanical Engineering, Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi, Kannur – 670632, Kerala
- Attended National Level Faculty Development Program on “**Testing of Materials For Engineering Applications**” 22<sup>nd</sup> to 26<sup>th</sup> June 2020 organized by the Department of Mechanical Engineering, Meenakshi Sundararajan Engineering College.
- Participated in online training program on “**Material Characterization – Tools and Techniques**” from 23<sup>rd</sup> to 25<sup>th</sup> April 2020.
- Attended AICTE Sponsored STTP on “**Composite Materials: Micro to Nano – Fabrication, Characterization and Modelling Including Additive Manufacturing**” from 27<sup>th</sup> July to 1<sup>st</sup> August 2020 organized by the Department of Mechanical Engineering, Rajalakshmi Engineering College, Chennai.
- Attended one week international Faculty Development Program on “**Advanced Engineering Materials for Strategic and Societal Sectors – Current Perspectives**”, organized by the Department of Mechanical Engineering Vel Tech Engineering College, Chennai.
- Participated in two days International Workshop on “**Thermal Management of Electronics**” from 27<sup>th</sup> July to 28<sup>th</sup> July 2020 organized by the Department of Mechanical Engineering, Jyothi Engineering College, Thrissur.
- Participated in Fabrication, “**Characterization and Strengthening Mechanism of Composites**” from 13<sup>th</sup> to 18<sup>th</sup> December 2021, organized by the Department of Mechanical Engineering, AMET.
- Participated in the short-term training program on “**Research Methodology**” conducted by Anna University, Chennai.
- Participated in a five-day workshop on “**Digital Prototyping**” conducted by ICT Academy of Tamil Nadu between 28<sup>th</sup> Jan to 1<sup>st</sup> Feb 2013 held at Sri Vidya College of Engineering and Technology, Virudhunagar.
- Presented a paper titled “Investigation of Machining Process using Non-Traditional Approach” in the CSIR sponsored National Level Conference on “Intelligent Manufacturing Systems” at Hindustan College of Engineering and Technology, Coimbatore.
- Participated in an open FOAM workshop organized at Bethlahem Institute of Engineering.
- Attended a two days National Workshop on NANOTECHNOLOGY – MECHANICAL ENGINEERS PERSPECTIVE On 29/11/2019 and 30/11/2019 organized by Department of Mechanical Engineering (NBA Accredited) at St Joseph’s Institute of Technology, OMR, Chennai)

	<ul style="list-style-type: none"> <li>• Attended 5 days FDP on “Advanced materials and their characterization” at Greater kolkatta college of engg and management from 6.11.23 to 10.11.23</li> </ul>
<b><i>FDP/Workshop/STTP Conducted:</i></b>	<ul style="list-style-type: none"> <li>• Coordinator for Anna University approved FTDP on Dynamics of Machinery conducted at Bethlahem Institute of Engineering.</li> </ul>
<b><i>Online Courses:</i></b>	<ul style="list-style-type: none"> <li>• NPTEL 8-week course on “Manufacturing of Composites” with ELITE (62%)</li> <li>• NPTEL 4-week course on “Effective Engineering Teaching in Practice” with ELITE (71%)</li> </ul>
<b><i>Funded Projects:</i></b>	
<b><i>Consultancy work:</i></b>	<b>Carried out consultancy work for CAADAM Technologies</b>
<b><i>Professional Body Membership:</i></b>	<ul style="list-style-type: none"> <li>• International Association of Engineers (IAENG) Member No: 216470</li> <li>• Indian Society of Mechanical Engineers, Professional Grade Fellow (FISME) Membership No: FISME 191826</li> <li>• ASME</li> <li>• The Society of Innovative Educationalist &amp; Scientific Research Professional, SENIOR FELLOW (SFSIESRP) Reg No: LM17181977.</li> </ul>