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Principal

**12.04.2024**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that the total number of books and chapters in edited volumes / books published and paper published in national and international conference proceedings year wise during the last five years from 2018-2019 to 2022-2023 is given below.

Academic Year	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Number of Proceedings, Book Chapters & Boo Volumes	11	01	NIL	NIL	5
<b>Total number of Proceedings, Book Chapters &amp; Book Volumes = 17</b>					

The publications in conference proceedings and books published are considered as per the calendar year and this is true to the best of my knowledge.



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## CRITERION 3 - RESEARCH, INNOVATIONS AND EXTENSION

### 3.3 RESEARCH PUBLICATIONS AND AWARDS

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during the last five years

Metric	Parameter	Link
3.3.2	List of chapter/book along with the links redirecting to the source website	<a href="#"><u>2022-23</u></a>
		<a href="#"><u>2021-22</u></a>
		<a href="#"><u>2018-19</u></a>

## CRITERION 3 – RESEARCH, INNOVATIONS AND EXTENSION

### 3.3 RESEARCH PUBLICATIONS AND AWARDS

**3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during the last five years**

Sl. No.	Title of the Proceedings, Book Chapters & Book Volumes	The links redirecting to the source website
<b>ACADEMIC YEAR 2022-2023</b>		
<b>1</b>	Chapter 8: Tribological Characterization of the Natural Fiber -Reinforced Polyamide Composites WILEY	<a href="https://onlinelibrary.wiley.com/doi/10.1002/9783527838080.ch8">https://onlinelibrary.wiley.com/doi/10.1002/9783527838080.ch8</a>
<b>2</b>	Chapter 4: Polymer-Based Bio composites for Tribological Applications, WILEY.	<a href="https://onlinelibrary.wiley.com/doi/10.1002/9783527838080.ch4">https://onlinelibrary.wiley.com/doi/10.1002/9783527838080.ch4</a>
<b>3</b>	Epoxy Resin as Matrix for Polymer Composites Factors Influencing the Properties of Polymers and Their Composites	<a href="https://www.taylorfrancis.com/chapter/edit/10.1201/9781003271017-1/epoxy-resin-matrix-polymer-composites-anand-gobiraman-santhosh-nagaraja-vishvanathperumal-sathiyamoorthi">https://www.taylorfrancis.com/chapter/edit/10.1201/9781003271017-1/epoxy-resin-matrix-polymer-composites-anand-gobiraman-santhosh-nagaraja-vishvanathperumal-sathiyamoorthi</a>
<b>4</b>	Smart Materials and its Applications	<a href="https://cosmas.org/store/engineering/smart-materials-and-its-applications/">https://cosmas.org/store/engineering/smart-materials-and-its-applications/</a>
<b>5</b>	Biodegradable Polymeric Nanofibers Prepared via Electrospinning	<a href="https://www.taylorfrancis.com/chapters/edit/10.1201/9781003333814-9/biodegradable-polymeric-nanofibers-prepared-via-electrospinning-anand-gobiraman-santhosh-vishvanathperumal">https://www.taylorfrancis.com/chapters/edit/10.1201/9781003333814-9/biodegradable-polymeric-nanofibers-prepared-via-electrospinning-anand-gobiraman-santhosh-vishvanathperumal</a>
<b>6</b>	Performance and Mechanical Characterization of Tufted and Untufted Woven Pine Apple Leaf Fibre Reinforced with Poly Lactic Acid Green Composites (Chapter)	<a href="https://www.researchgate.net/publication/369712620_Performance_and_Mechanical_Characterization_of_Tufted_and_Untufted_Woven_Pine_Apple_Leaf_Fibre_Reinforced_with_Poly_Lactic_Acid_Green_Composites">https://www.researchgate.net/publication/369712620_Performance_and_Mechanical_Characterization_of_Tufted_and_Untufted_Woven_Pine_Apple_Leaf_Fibre_Reinforced_with_Poly_Lactic_Acid_Green_Composites</a>
<b>7</b>	Future Perspectives of Nanowires (Chapter)	<a href="https://www.taylorfrancis.com/chapters/edit/10.1201/9781003296621-26/future-perspectives-nanowires-anand-santhosh-vishvanathperumal">https://www.taylorfrancis.com/chapters/edit/10.1201/9781003296621-26/future-perspectives-nanowires-anand-santhosh-vishvanathperumal</a>
<b>8</b>	Vinyl Ester-Based Biocomposites Influence of Nanoclay on Thermal and Mechanical Properties (Chapter)	<a href="https://www.taylorfrancis.com/chapters/edit/10.1201/9781003270997-8/vinyl-ester-based-biocomposites-santhosh-anand">https://www.taylorfrancis.com/chapters/edit/10.1201/9781003270997-8/vinyl-ester-based-biocomposites-santhosh-anand</a>

9	Computer Aided Machine Drawing (Book)	<a href="https://sipinternationalpublishers.com/product-detail.php?PID=MTY5MA==">https://sipinternationalpublishers.com/product-detail.php?PID=MTY5MA==</a>
10	Magical Realism: A Portkey to Indian Culture- A special reference to Girish Karnad's Nagamandala (Local Color Literature)	<a href="https://play.google.com/books/reader?id=uWSyEAAAQBAJ&amp;pg=GBS.P19&amp;hl=en">https://play.google.com/books/reader?id=uWSyEAAAQBAJ&amp;pg=GBS.P19&amp;hl=en</a>
11	The Theme of Subaltern Studies in Amitav Ghosh's The Glass Palace, Journal of Management Science and humanities- Bi-Annual	<a href="https://acrobat.adobe.com/id/urn:aaid:sc:AP:5253d3ea-f91c-4d58-8622-e15b3289a7c9?viewer%21megaVerb=group-discover">https://acrobat.adobe.com/id/urn:aaid:sc:AP:5253d3ea-f91c-4d58-8622-e15b3289a7c9?viewer%21megaVerb=group-discover</a>
<b>ACADEMIC YEAR 2021-2022</b>		
12	Chapter 1: Introduction to Aging in Bio Composites (Book Aging Effects of Natural Fiber – Reinforced Polymer Composite)	<a href="#">Introduction to Aging in Bio Composites   SpringerLink</a>
<b>ACADEMIC YEAR 2020-2021</b>		
<b>NIL</b>		
<b>ACADEMIC YEAR 2019-2020</b>		
<b>NIL</b>		
<b>ACADEMIC YEAR 2018-2019</b>		
13	Modeling of permanent magnet machine by using ceiling fan system	<a href="https://iosrjen.org/Papers/ICPRASET%20K18/surya/Volume%203/eee/2.%2008-13.pdf">https://iosrjen.org/Papers/ICPRASET%20K18/surya/Volume%203/eee/2.%2008-13.pdf</a>
14	Modeling and Simulation of Grid Connected PV/WT energy system using Super-Capacitor	<a href="https://iosrjen.org/Papers/ICPRASET%20K18/surya/Volume%203/eee/1.%2001-07.pdf">https://iosrjen.org/Papers/ICPRASET%20K18/surya/Volume%203/eee/1.%2001-07.pdf</a>
15	Monitoring and Controlling of Power transmission by PLC and SCADA	<a href="https://iosrjen.org/Papers/ICPRASET%20K18/surya/Volume%203/eee/6.%2032-36.pdf">https://iosrjen.org/Papers/ICPRASET%20K18/surya/Volume%203/eee/6.%2032-36.pdf</a>
16	Implementation of IOT Based Smart Energy Meter Using PLC and SCADA For Industrial Application	<a href="https://iosrjen.org/Papers/Conf.ICET ETR-2019/Volume-2/EEE/6.%2025-30.pdf">https://iosrjen.org/Papers/Conf.ICET ETR-2019/Volume-2/EEE/6.%2025-30.pdf</a>
17	Implementation of single phase PV based three switch three port flyback inverter with series decoupling circuit for grid application	<a href="https://iosrjen.org/Papers/ICPRASET%20K18/surya/Volume%203/eee/4.%2020-26.pdf">https://iosrjen.org/Papers/ICPRASET%20K18/surya/Volume%203/eee/4.%2020-26.pdf</a>

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