



ศาสตราจารย์ ดร.สุชาติ เชื้อยงฉิน

Prof. Dr.-Ing. habil. Suchart Siengchin

ที่ปรึกษาอธิการบดีด้านวิจัยอุตสาหกรรมและกิจการต่างประเทศ

#### ประวัติการศึกษา

##### คุณวุฒิ

##### สถานศึกษา

- |   |  |
|---|--|
| - Habilitation (Mechanical Engineering)         | Chemnitz University, GERMANY                                 |
| - Guest Researcher                              | Kaiserslautern University, GERMANY                           |
| - Postdoctoral                                  | Purdue University, USA                                       |
| - Postdoctoral                                  | Kaiserslautern University, GERMANY                           |
| - Dr.-Ing. (Mechanical and Process Engineering) | Kaiserslautern University, GERMANY                           |
| - M.Sc. (Material Science)                      | Erlangen-Nuernberg University,<br>GERMANY                    |
| - M.Sc. (Polymer Technology)                    | University of Applied Sciences<br>Aalen, GERMANY             |
| - Dipl.-Ing. (Mechanical Engineering)           | University of Applied Sciences<br>Giessen/Friedberg, GERMANY |
| - Studienkolleg                                 | University of Applied Sciences<br>Giessen/Friedberg, GERMANY |

#### ประวัติการฝึกอบรม

- ผ่านการอบรม “หลักสูตรสมรรถนะวิชาชีพครู รุ่นที่ 4” ระหว่างวันที่ 30-31 สิงหาคม 2553 ณ หอประชุมเบญจรัตน์ อาคารนวมินทรราชินี มหาวิทยาลัยเทคโนโลยี พระจอมเกล้าพระนครเหนือ
- ผ่านการอบรม “โครงการพัฒนาสมรรถนะผู้บริหารมหาวิทยาลัย รุ่นที่ 4” ระหว่างวันที่ 4-15 มีนาคม 2556 ณ สถาบันบัณฑิตพัฒนบริหารศาสตร์ (นิด้า)

- ผ่านการอบรม “หลักสูตรการพัฒนาผู้บริหารมหาวิทยาลัยระดับสูง รุ่นที่ 24” ระหว่างวันที่ 20 มีนาคม -16 พฤษภาคม 2556 จัดโดย สำนักงานคณะกรรมการการอุดมศึกษา
- ผ่านการอบรม “หลักสูตรผู้บริหารระดับสูงของประเทศไทย รุ่นที่ 1” จัดโดย สถาบัน Canaan Global Leadership Training Center ระหว่างวันที่ 11-20 ตุลาคม 2556 ณ สาธารณรัฐเกาหลี
- ผ่านการอบรม “หลักสูตรนักบริหารการงบประมาณระดับสูง (นงส.) รุ่นที่ 3”
- ผ่านการอบรม “หลักสูตร ASEAN-QA HIGH LEVEL VISIT” in Postdam, Germany
- ผ่านการอบรม “หลักสูตรมหานคร รุ่นที่ 6”
- ผ่านการอบรม “หลักสูตรนักบริหารยุทธศาสตร์การป้องกันและปราบปรามการทุจริตระดับสูง” นยปส.รุ่นที่ 11”
- ผ่านการอบรม “หลักสูตร ANTI-CORRUPTION TRAINING PROGRAMME, IACA, VIENNA/LAXEMBURG, AUSTRIA”
- ผ่านการอบรม “หลักสูตร WINS รุ่นที่ 1”
- ผ่านการอบรม “หลักสูตรการป้องกันราชอาณาจักร (วปอ.) รุ่นที่ 65”

#### ตำแหน่งหน้าที่สำคัญในอดีต

- อธิการบดีมหาวิทยาลัยเทคโนโลยีพระจอมเกล้าพระนครเหนือ
- รองอธิการบดีฝ่ายวิจัยและส่งเสริมวิชาการ
- ศาสตราจารย์ สาขาวิศวกรรมวัสดุศาสตร์ สังกัดภาควิชาวิศวกรรมการผลิต บัณฑิตวิทยาลัย วิศวกรรมศาสตร์นานาชาติสิรินธรไทย-เยอรมัน (TGGS) ตามหลักเกณฑ์และวิธีการที่กำหนดของประเทศไทย
- ศาสตราจารย์(หรือเทียบเท่า-Privatdozent) สาขาวิศวกรรมเครื่องกล (Habilitation in Mechanical Engineering) สังกัด Chemnitz University, GERMANY ตามหลักเกณฑ์และวิธีการที่กำหนดของประเทศเยอรมนี
- รองศาสตราจารย์ (วิธีพิเศษ) สาขาวิศวกรรมวัสดุศาสตร์ สังกัดภาควิชาวิศวกรรมการผลิต บัณฑิตวิทยาลัยวิศวกรรมศาสตร์นานาชาติสิรินธรไทย-เยอรมัน (TGGS)
- ผู้ช่วยศาสตราจารย์ สาขาวิศวกรรมวัสดุศาสตร์ สังกัดภาควิชาวิศวกรรมการผลิต บัณฑิตวิทยาลัยวิศวกรรมศาสตร์นานาชาติสิรินธร ไทย-เยอรมัน
- รองผู้อำนวยการบัณฑิตวิทยาลัยวิศวกรรมศาสตร์นานาชาติสิรินธรไทย-เยอรมัน (TGGS)
- ผู้ประสานงานหลักสูตรวิศวกรรมการผลิต บัณฑิตวิทยาลัยวิศวกรรมศาสตร์นานาชาติสิรินธร ไทย-เยอรมัน
- Guest Researcher at the Institute for Composite Materials, University of Kaiserslautern, GERMANY
- Engineer at BMW

- Assistance Researcher at the Plastics Engineering Department,  
University of Applied Sciences Aalen, GERMANY

#### เครื่องราชอิสริยาภรณ์

ปี พ.ศ.	เครื่องราชอิสริยาภรณ์
2557	ตริตาภรณ์มงกุฎไทย
2560	ทวีติยาภรณ์มงกุฎไทย
2565	จตุตถดิเรกคุณาภรณ์
2566	ทวีติยาภรณ์ช้างเผือก

#### ผลงานด้านวิชาการและวิจัย

- หนังสือ/ตำราที่แต่งและเรียบเรียง 175 เรื่อง
- มีผลงานประชุมวิชาการ จำนวน 51 เรื่อง และผลงานวิจัยนานาชาติตีพิมพ์ใน International Journals จำนวน 645 เรื่อง
- มีงานบริการวิชาการให้กับสังคมจำนวน 12 เรื่อง
- อนุสิทธิบัตร (Patent) 11 โครงการ และกำลังขออนุสิทธิบัตรอีก 8 โครงการ

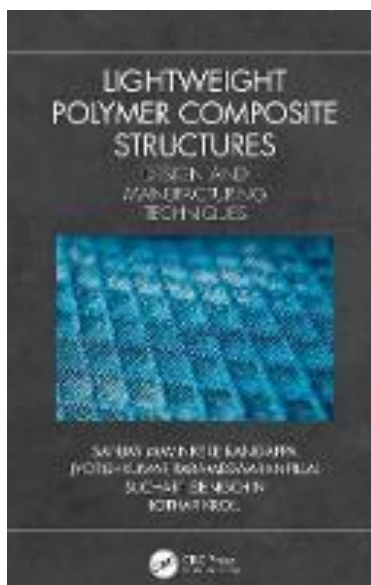
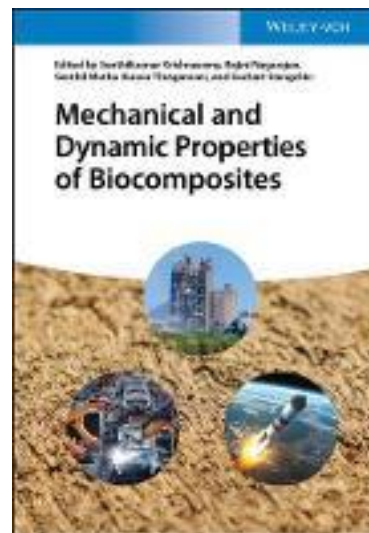
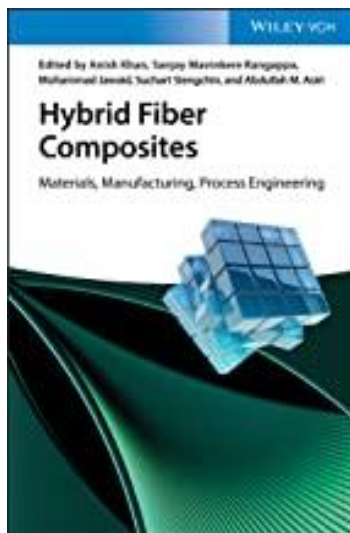
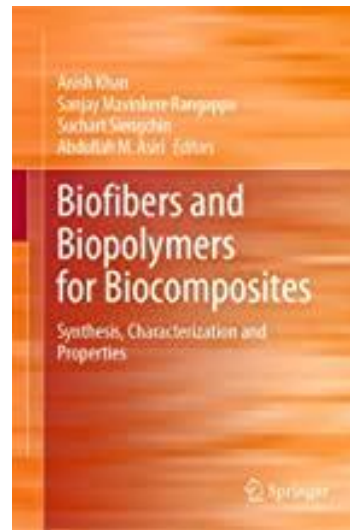
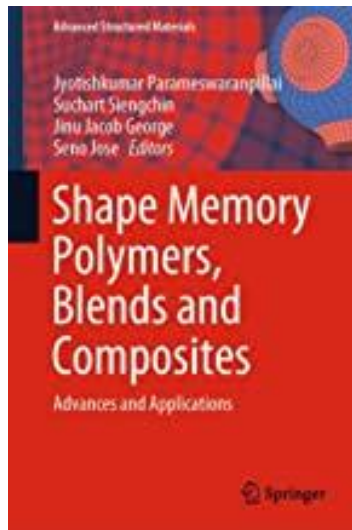
รางวัลเกียรติยศระดับชาติ ที่ได้รับ 15 รางวัล

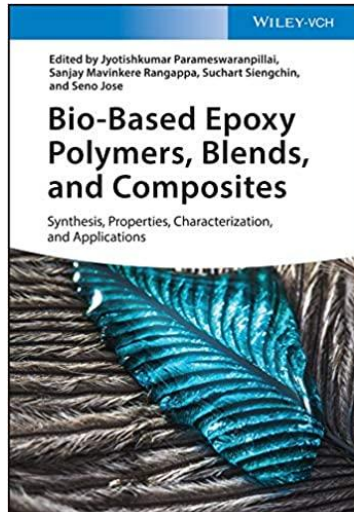
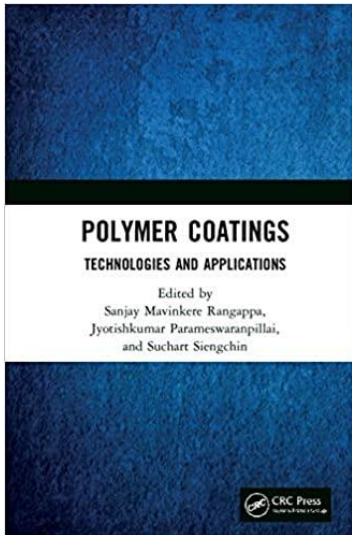
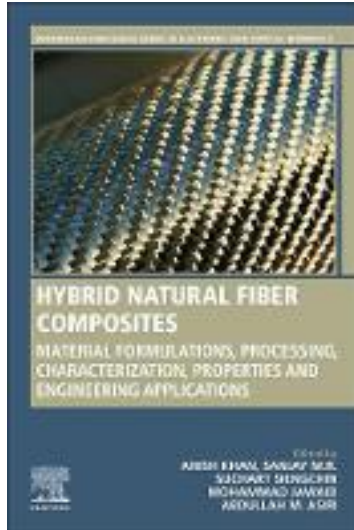
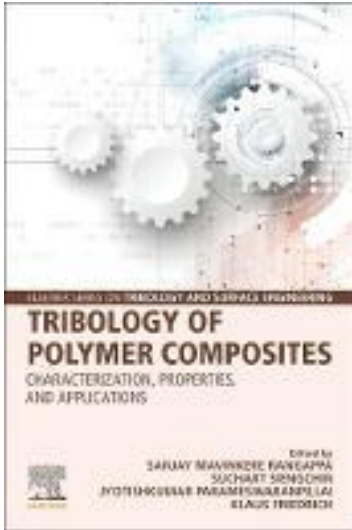
1. รางวัลทุนวิจัย Deutcher Akademisher Austauschdienst (DAAD) Master Thesis scholarships (พ.ศ. 2542)
2. รางวัลทุนวิจัย Deutsche Forschungsgemeinschaft, DFG (German Research Foundation) Research Training Groups: 2005 – 2008 (พ.ศ. 2548)
3. รางวัลทุนวิจัย DAAD/IKYDA program, Deutcher Akademisher Austauschdienst (DAAD) and Greek State Institute of Scholarships (IKY) Research trip: University of Patras, Department of Materials Science (พ.ศ. 2549)
4. รางวัลทุนวิจัย DAAD/IKYDA program, Deutcher Akademisher Austauschdienst (DAAD) and Greek State Institute of Scholarships (IKY) Research trip: University of Patras, Department of Materials Science (พ.ศ. 2550)
5. รางวัลทุนวิจัย DAAD/IKYDA program, Deutcher Akademisher Austauschdienst (DAAD) and Greek State Institute of Scholarships (IKY) Research trip: University of Patras, Department of Materials Science (พ.ศ. 2551)
6. รางวัล Poster Outstanding Award 2014 ในงานประชุมวิชาการระดับนานาชาติ “14<sup>th</sup> International Conference on Mechanics of Composite Materials” ระหว่างวันที่ 2-6 มิถุนายน 2557 ณ Riga, Latvia
7. รางวัลชนะเลิศนักวิจัยดีเด่นของมหาวิทยาลัยเทคโนโลยีพระจอมเกล้าพระนครเหนือ ซึ่งมีผลงานวิจัยตีพิมพ์ในวารสารระดับนานาชาติ ที่อยู่ในฐานข้อมูล ISI ซึ่งมีคะแนนรวมจำนวนการตีพิมพ์สูงสุด ประจำปี พ.ศ. 2553
8. รางวัลชนะเลิศนักวิจัยดีเด่นของมหาวิทยาลัยเทคโนโลยีพระจอมเกล้าพระนครเหนือ ประเภทผลงานวิจัยตีพิมพ์ในวารสารระดับนานาชาติที่อยู่ในฐานข้อมูล ISI ซึ่งมีคะแนนรวมจำนวนการตีพิมพ์สูงสุด ประจำปี พ.ศ. 2555
9. รางวัลชนะเลิศนักวิจัยดีเด่นของมหาวิทยาลัยเทคโนโลยีพระจอมเกล้าพระนครเหนือ ประเภทผลงานวิจัยตีพิมพ์ในวารสารระดับนานาชาติที่อยู่ในฐานข้อมูล ISI ซึ่งมีคะแนนรวมจำนวนการตีพิมพ์สูงสุด และรางวัลคะแนนรวมผลงานที่ยอมรับระดับสากลสูงสุดประจำปี พ.ศ. 2556
10. รางวัลวิจัยระดับดีมาก (ร่วมกับ ผศ.ดร.ระพีพันธ์ แดงตันกี) ในการประชุมใหญ่โครงการส่งเสริมการวิจัยในอุดมศึกษา ครั้งที่ 3 HERP CONGRESS III ระหว่างวันที่ 9-11 มีนาคม 2558 ณ มหาวิทยาลัยราชภัฏ นครศรีธรรมราช
11. อนุสิทธิบัตร (ร่วมกับ ผศ.ดร.ระพีพันธ์ แดงตันกี, นายชัยศิริ กิจเกาสงค์ และนางสาวรพีภรณ์ ศรีสุข) “ถังสกัดเรซินอีพ็อกซีจากซากแผ่นวงจรอิเล็กทรอนิกส์ขนาดย่อมภายใต้สภาวะอุณหภูมิและความดัน” เลขที่คำขอ 1403000781
12. รางวัลอาจารย์ดีเด่น กองทุนเอ็กเซลเลนซ์อนุสรณ์ ซึ่งคัดเลือกจากนักวิชาการผู้มีความรู้ความสามารถจากมหาวิทยาลัยต่าง ๆ ทั่วประเทศ ประจำปี พ.ศ. 2558

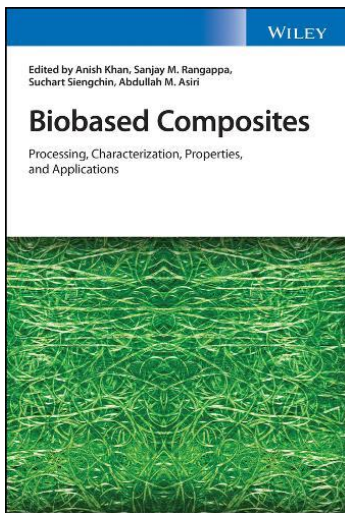
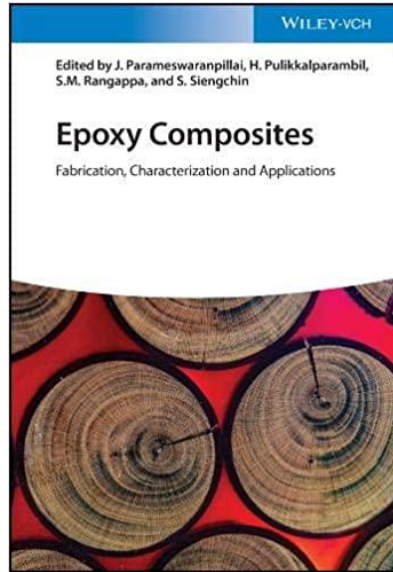
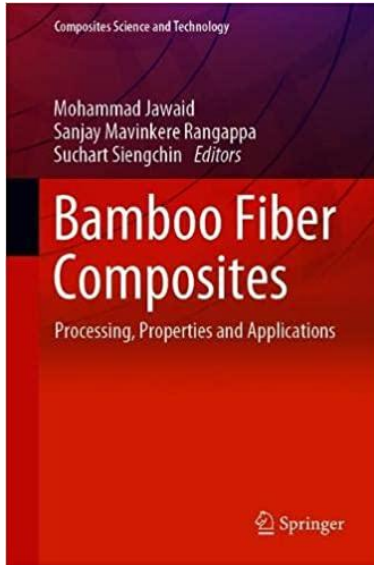
13. รางวัลวิจัยระดับดีมาก จากผลงานวิจัย วัสดุเชิงประกอบพอลิโพรพิลีนและเส้นใยมะพร้าวสำหรับการใช้งานเป็นวัสดุในการก่อสร้าง ในการประชุมใหญ่โครงการส่งเสริมการวิจัยในอุดมศึกษา ครั้งที่ 5 HERP CONGRESS V ระหว่างวันที่ 2-4 มีนาคม 2560 ณ มหาวิทยาลัยราชภัฏอุดรธานี

14. รางวัลนักวิจัยดีเด่นแห่งชาติ ประจำปีงบประมาณ 2564 จากสำนักงานการวิจัยแห่งชาติ (วช.) กระทรวงการอุดมศึกษา วิทยาศาสตร์ วิจัยและนวัตกรรม

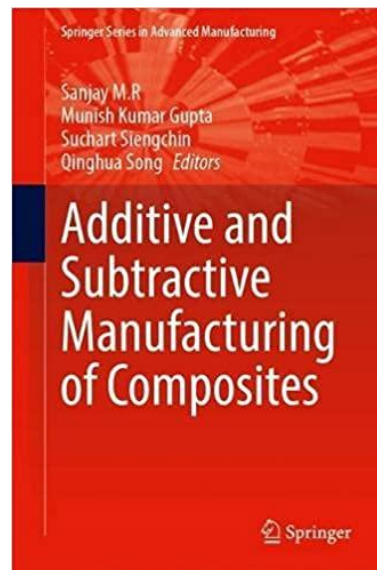
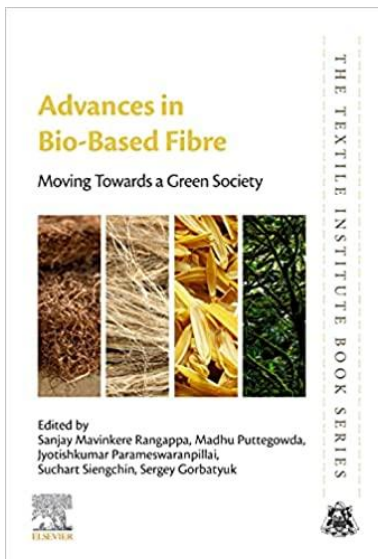
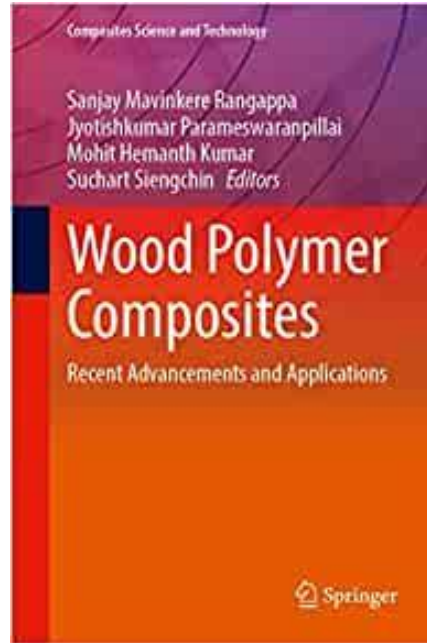
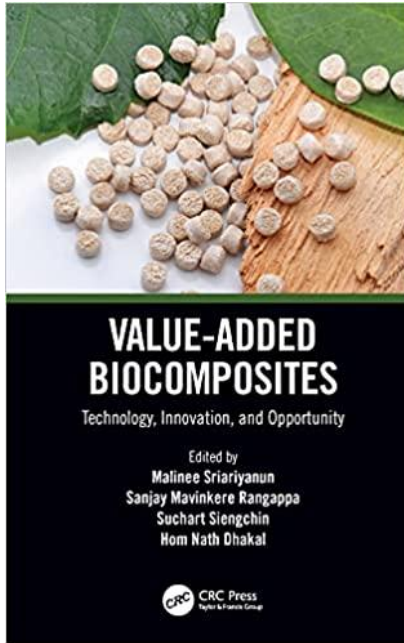
15. รางวัล Honorary Fellow of RWTH Aachen university Award 2024

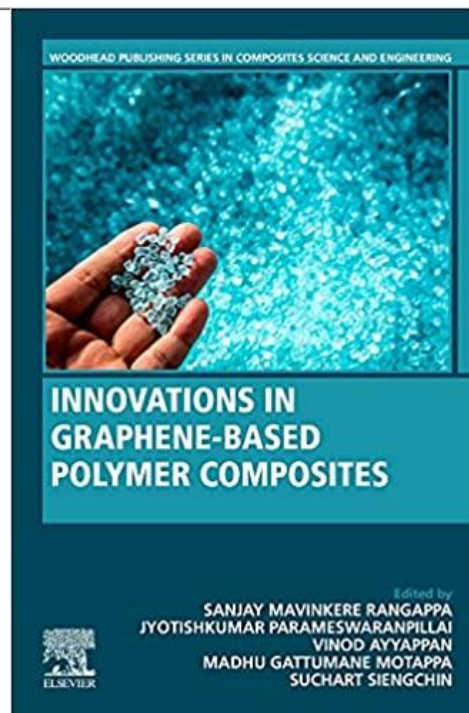
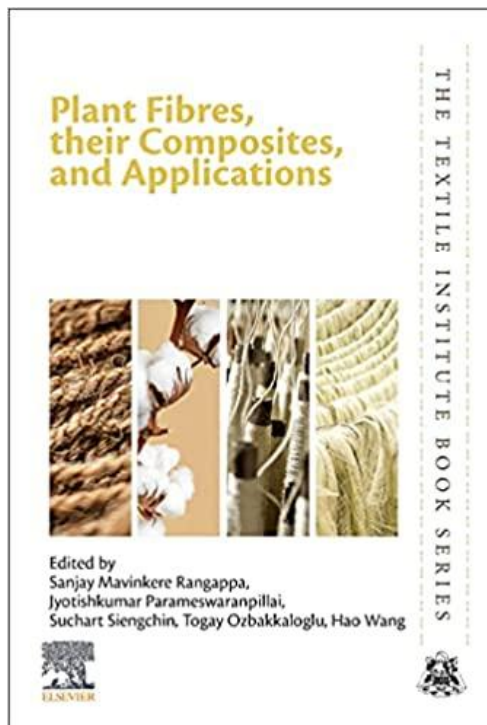
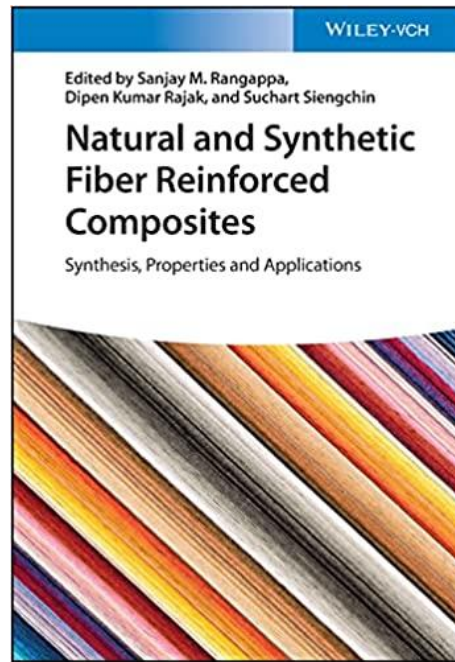
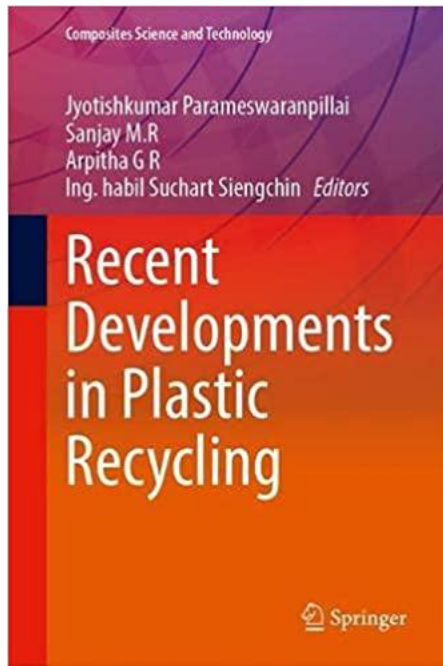


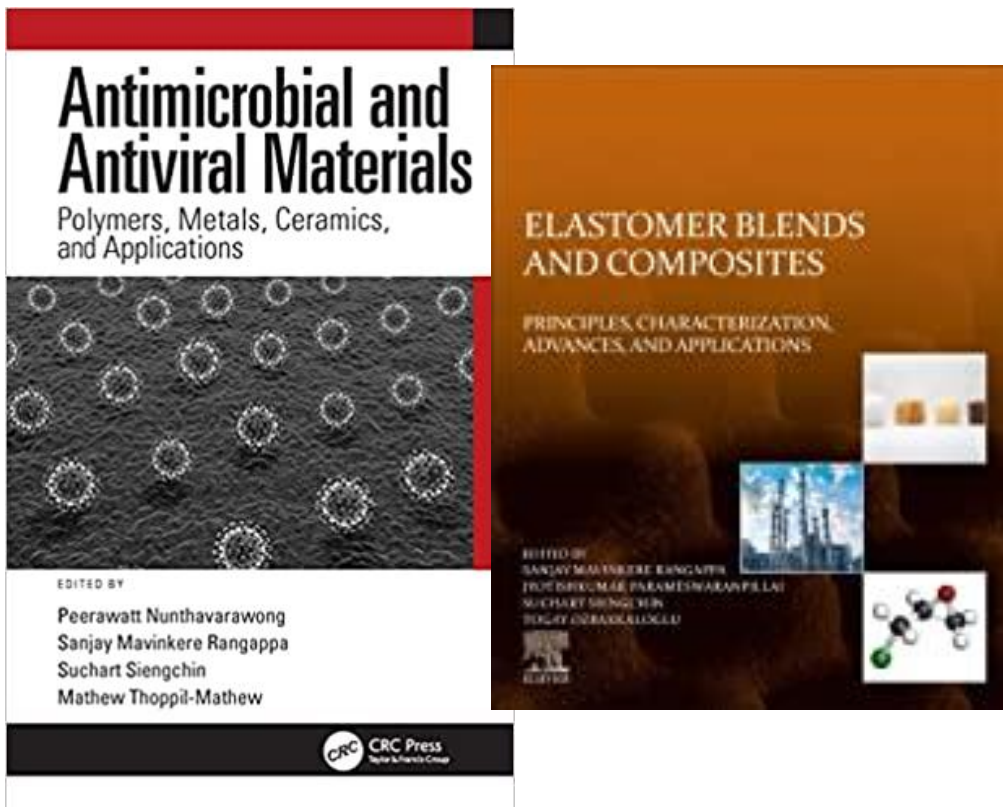


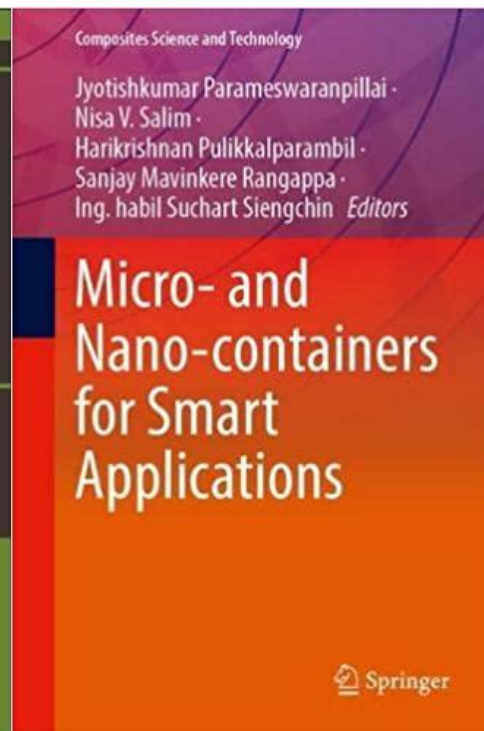
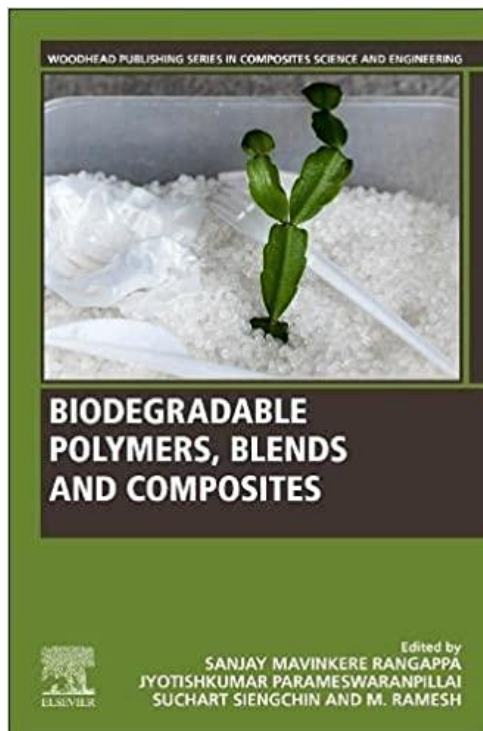
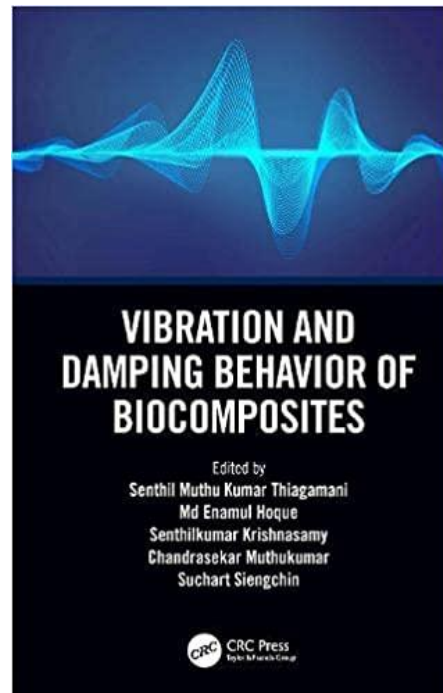
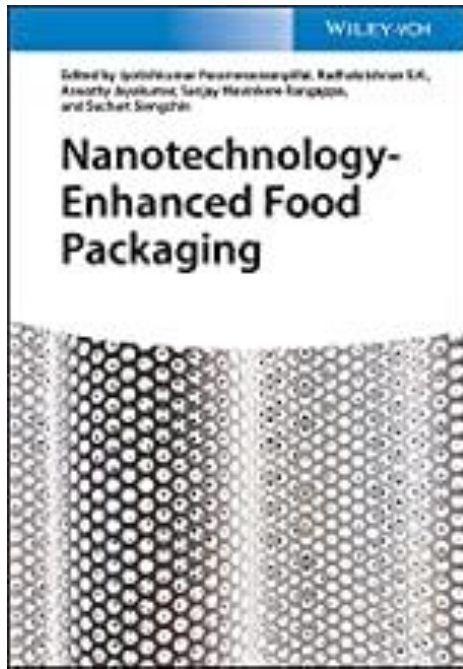


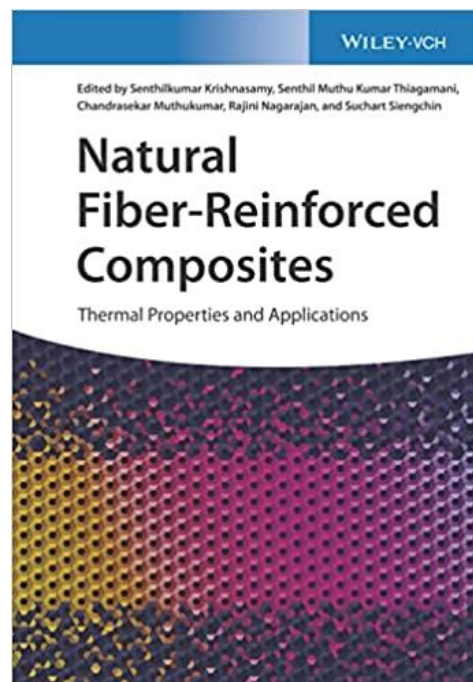
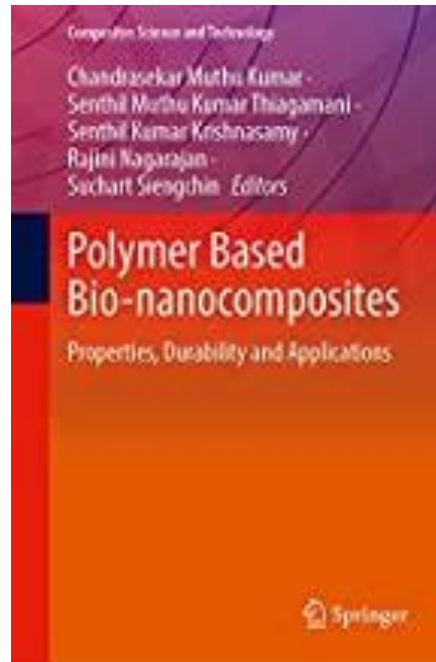
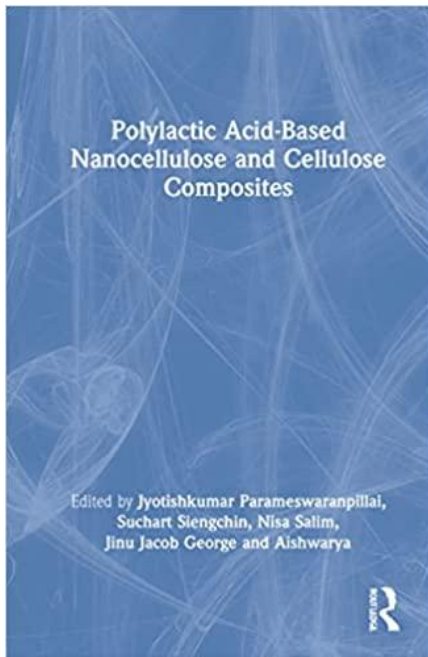


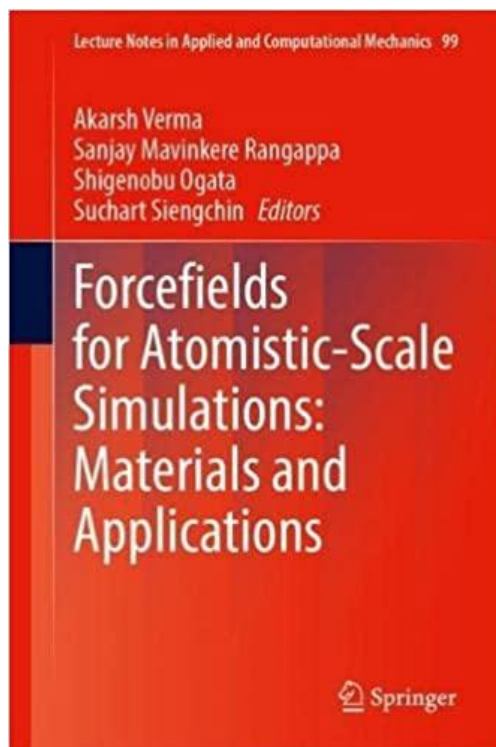
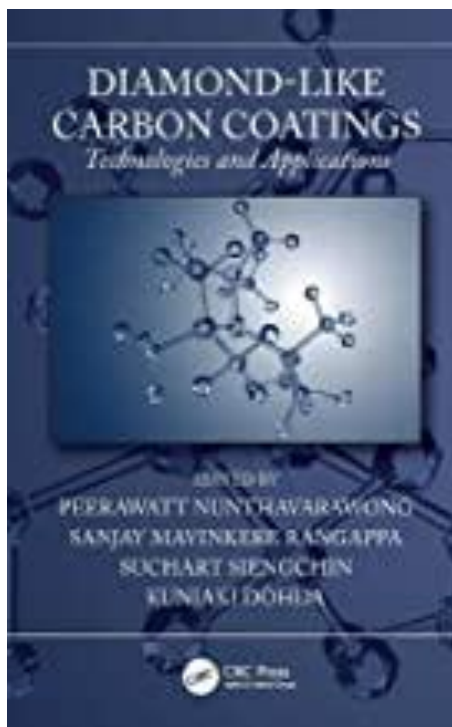
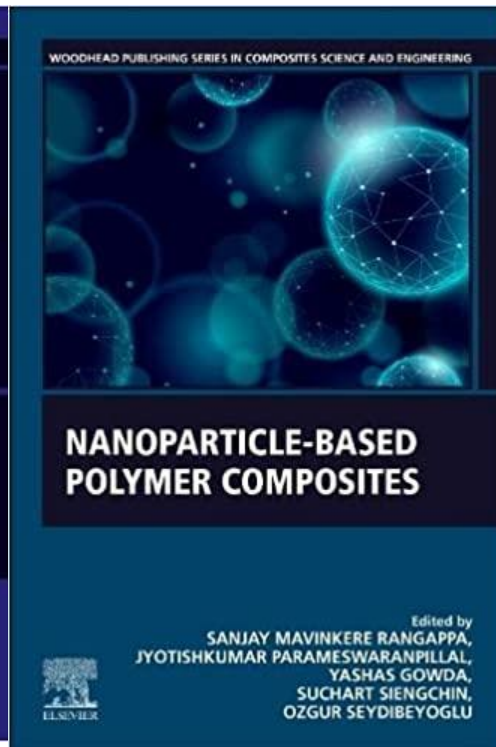
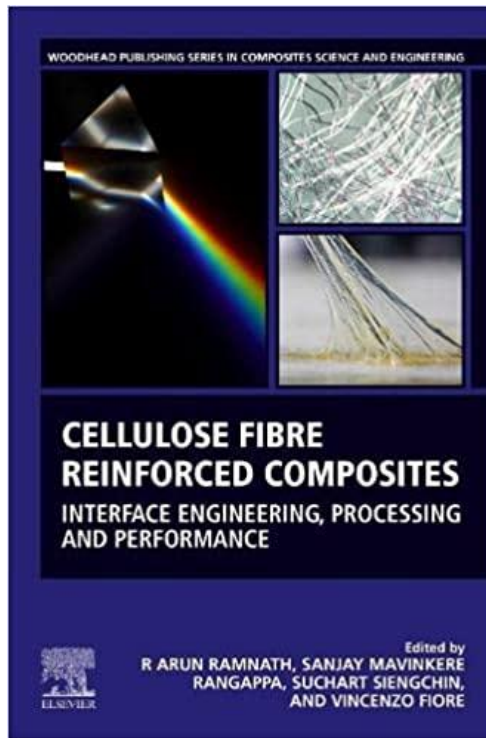


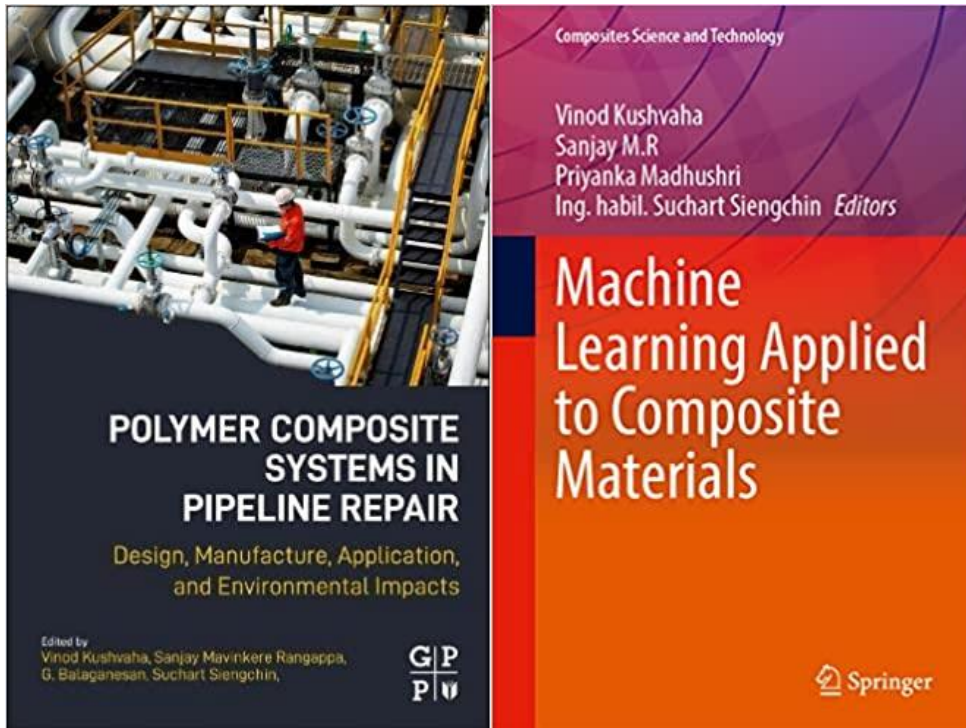


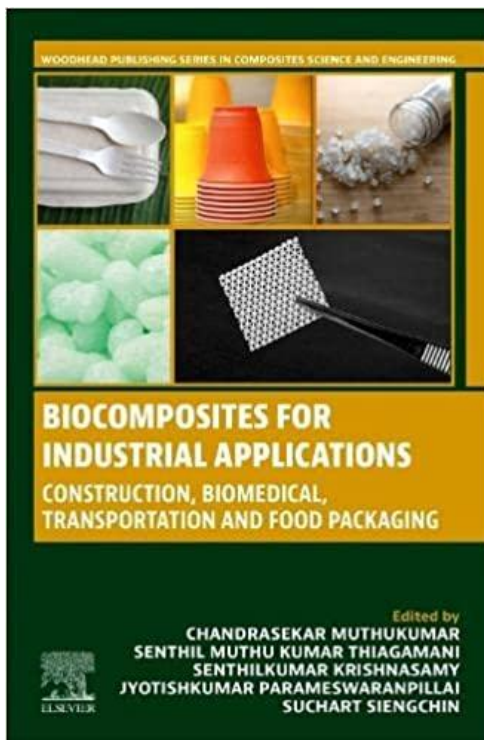
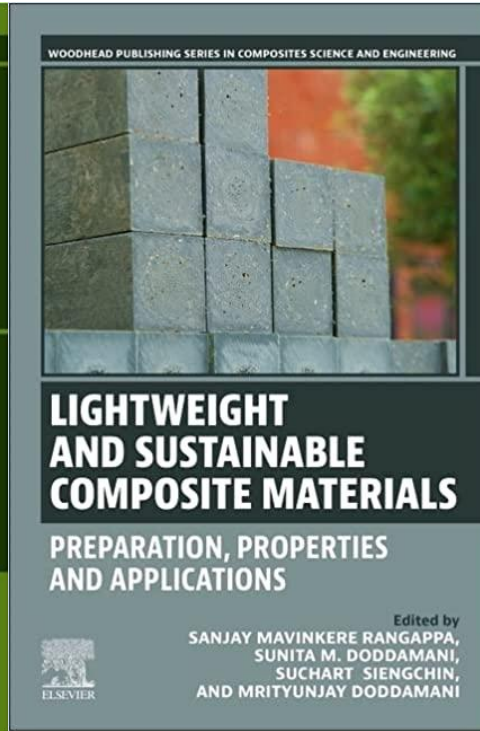
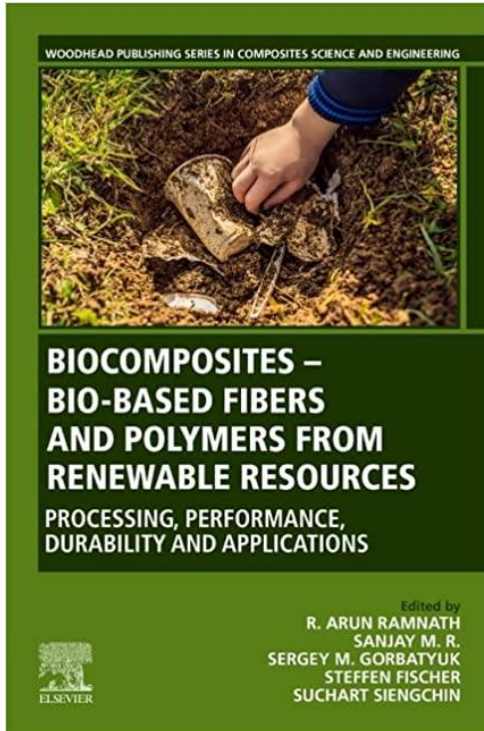




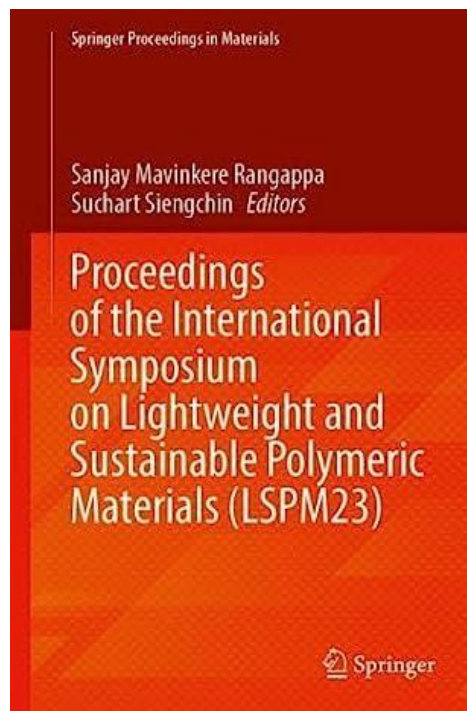
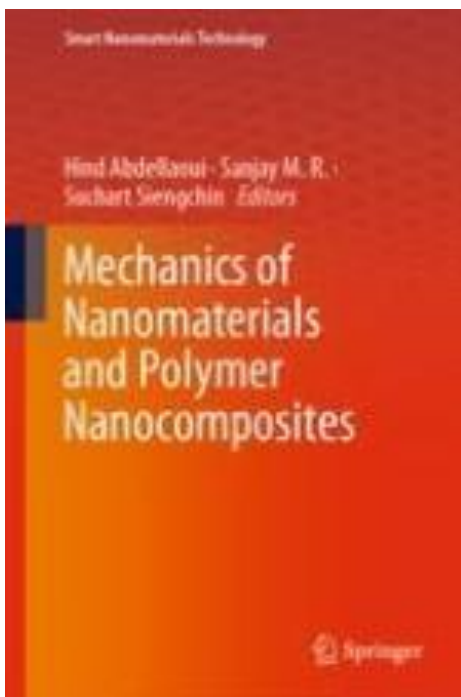
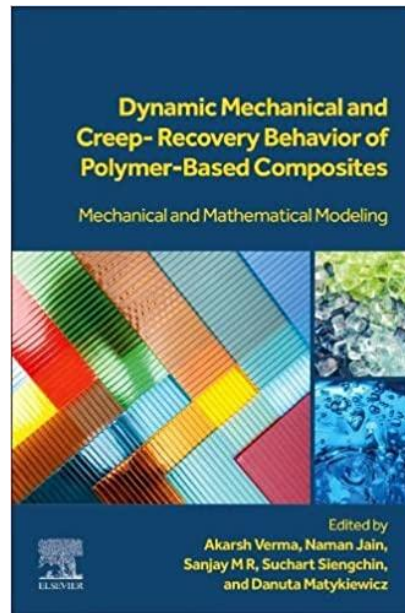
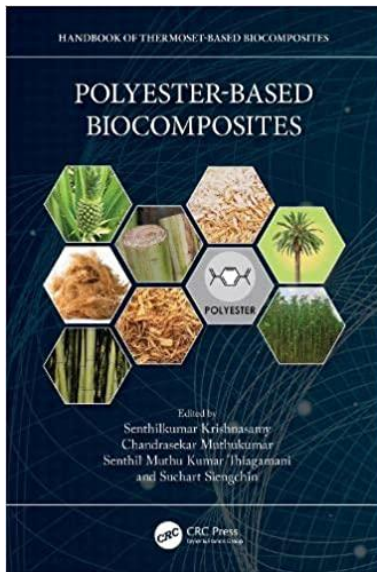


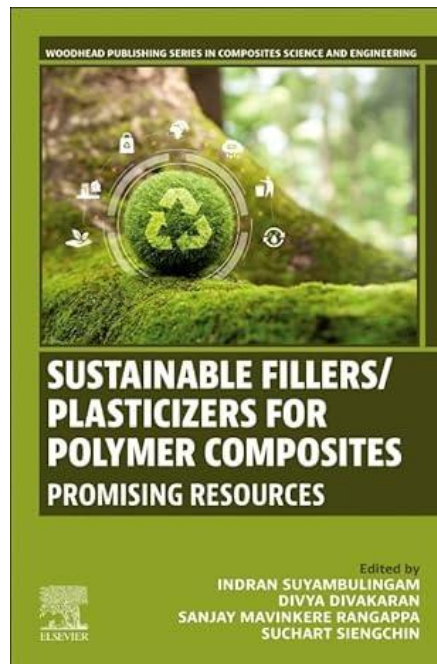
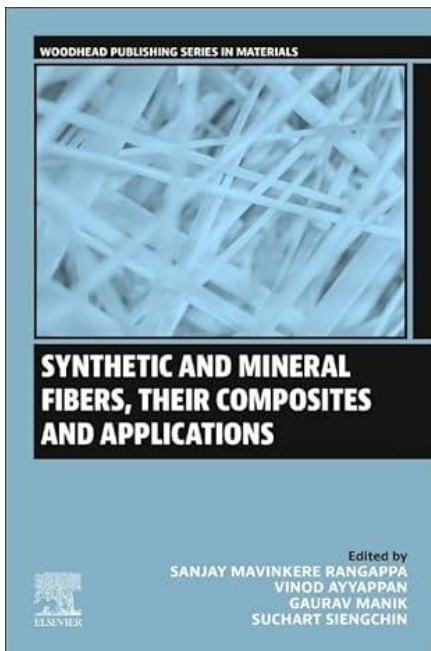
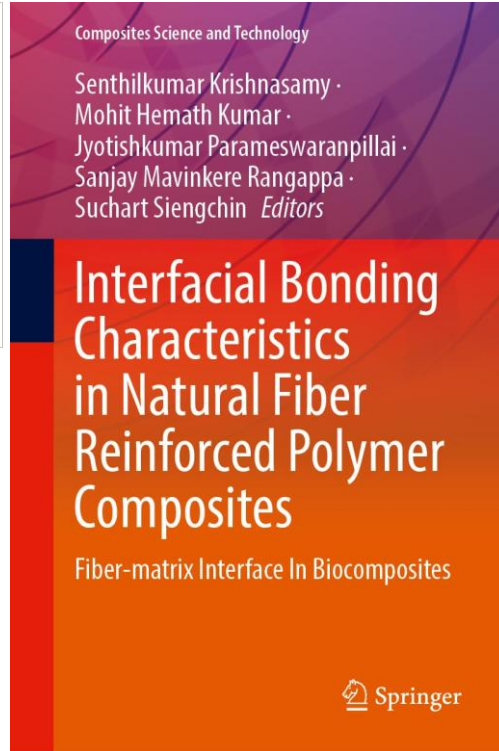


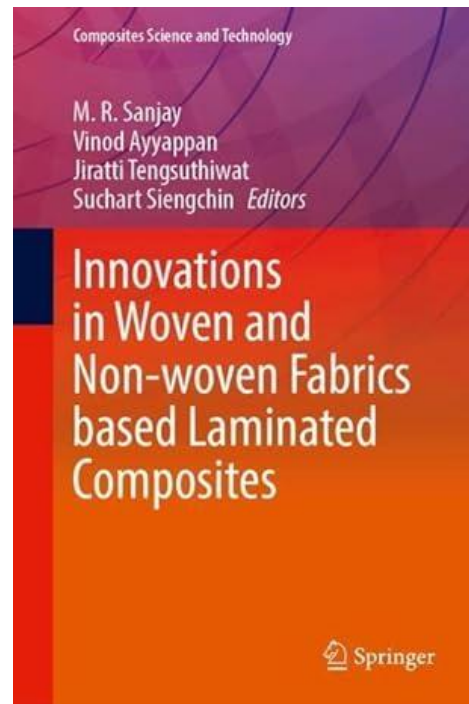
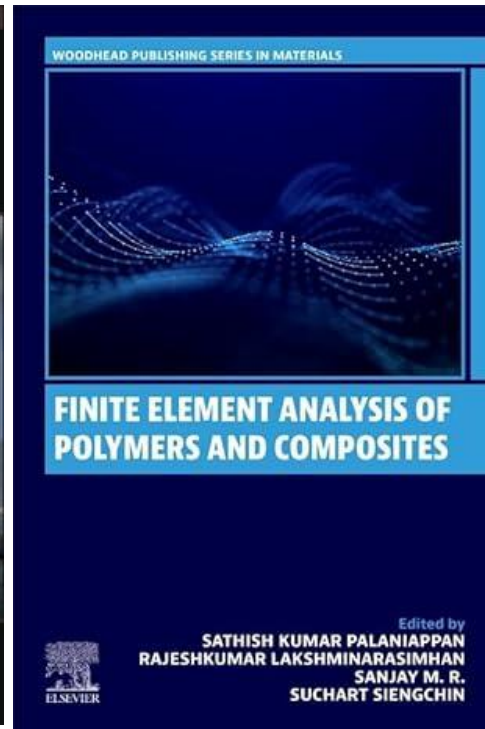
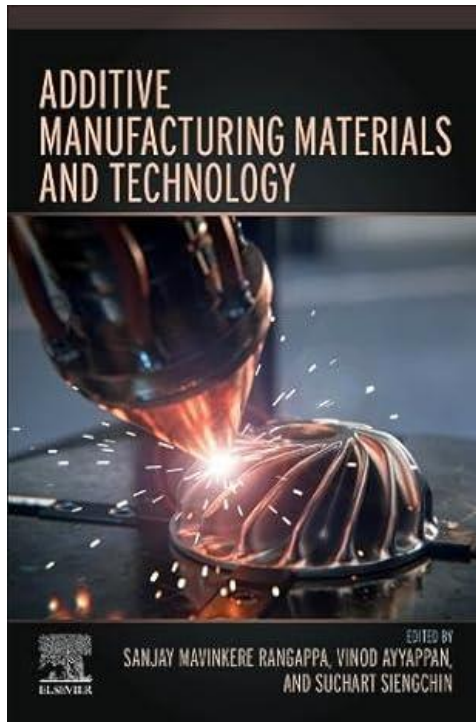


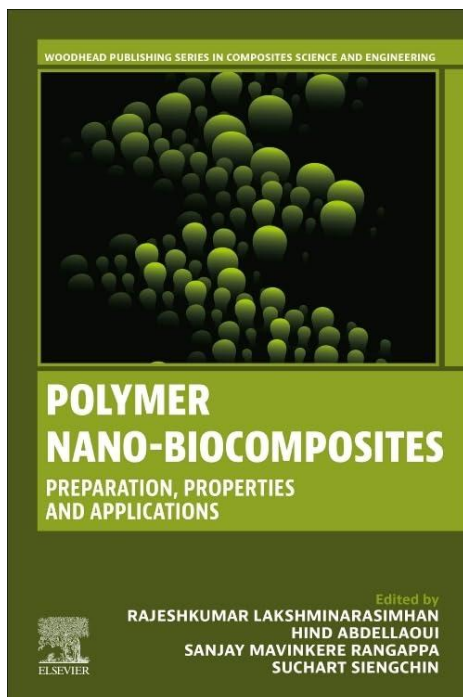
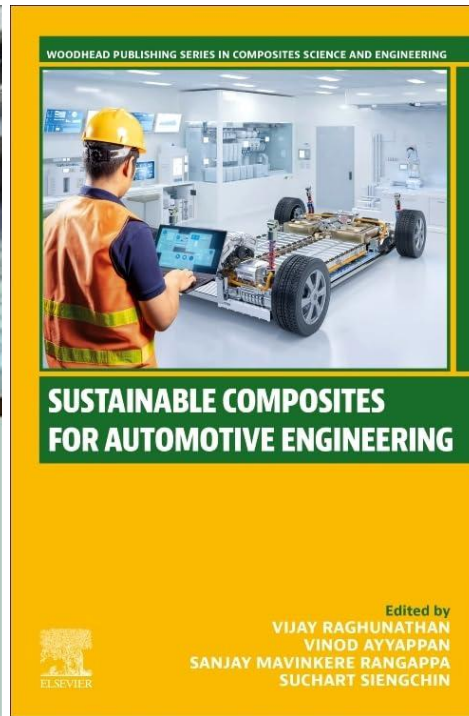
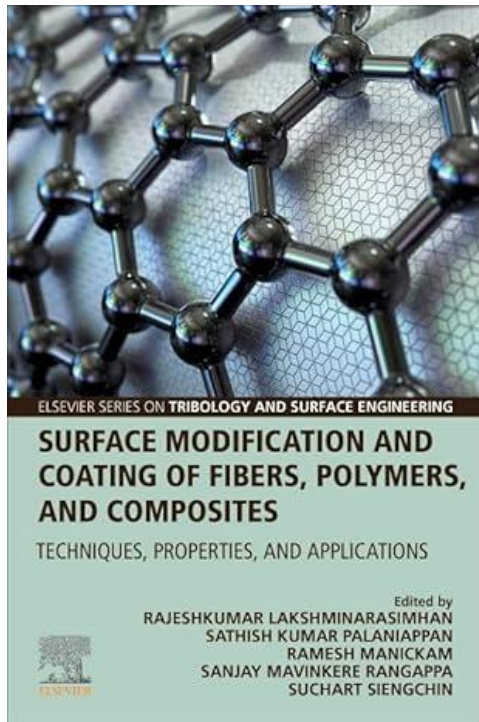


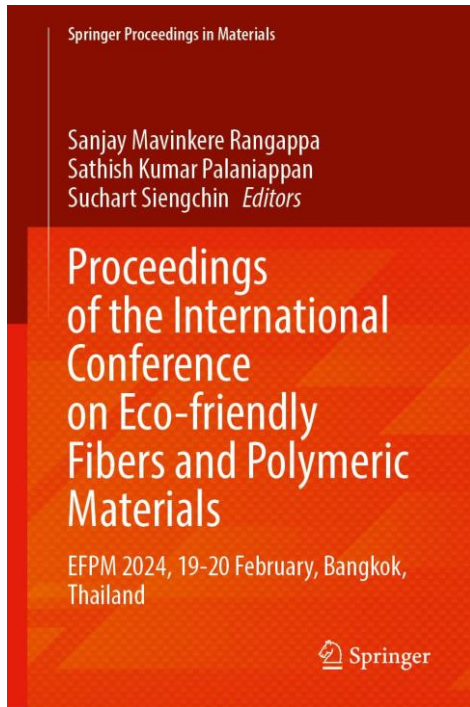












## **PROFESSIONAL ACTIVITIES**

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- International Journal Reviewer, Polymer International
- International Journal Reviewer, Journal of Thermoplastic Composite Materials
- International Journal Reviewer, Express Polymer Letters
- International Journal Reviewer, Polymer
- International Journal Reviewer, Polymer Composites
- International Journal Reviewer, Polymer Engineering and Science
- International Journal Reviewer, Journal Applied Polymer Science
- International Journal Reviewer, Journal of Reinforced Plastics and Composites
- International Journal Reviewer, Asian International Journal of Science and Technology
- International Journal Reviewer, Composites Science and Technology
- International Journal Reviewer, Composites Part B: Engineering
- International Journal Reviewer, Composites Part A: Applied Science and Manufacturing
- International Journal Reviewer, Journal of Thermal Analysis and Calorimetry
- International Journal Reviewer, Journal of Elastomers and Plastics
- International Journal Reviewer, Journal of Particulate Science and Technology
- International Journal Reviewer, Polymer International
- International Journal Reviewer, Journal of Materials Science
- International Journal Reviewer, Journal of Natural Fibers
- International Journal Reviewer, Journal of Biological Macromolecules
- International Journal Reviewer, Polymers from Renewable Resources
- International Journal Reviewer, Journal of Engineered Fibers and Fabrics
- International Journal Reviewer, ACS Applied Materials & Interfaces
- International Journal Reviewer, Colloids and Surfaces A
- International Journal Reviewer, Journal of Mechanical and Materials Engineering
- International Journal Reviewer, Materials Today Communications
- International Journal Reviewer, Scientific Reports
- International Journal Reviewer, Materials Science & Engineering C
- International Journal Reviewer, Chemical Engineering Journal
- International Journal Reviewer, Progress in Organic Coatings
- International Journal Reviewer, Materials Letters
- International Journal Reviewer, Journal of Food Engineering
- International Journal Reviewer, Journal of Materials Research and Technology
- International Journal Reviewer, Polymers for Advanced Technologies
- International Journal Reviewer, Macromolecular Symposia
- International Journal Reviewer, Journal of Renewable Materials
- International Journal Reviewer, Construction & Building Materials

- Internatinal Journal Reviewer, Applied Surface Science
- Internatinal Journal Reviewer, Journal of Polymers and the Environment
- Internatinal Journal Reviewer, Journal of Cleaner Production
- Internatinal Journal Reviewer, European Journal of Wood and Wood Products
- Internatinal Journal Reviewer, Cellulose
- Internatinal Journal Reviewer, Waste and Biomass Valorization
- Internatinal Journal Reviewer, Materials & Design
- Internatinal Journal Reviewer, Iranian Polymer Journal
- Internatinal Journal Reviewer, Industrial Crops & Products
- Internatinal Journal Reviewer, Biomass Conversion and Biorefinery
- Internatinal Journal Reviewer, Carbohydrate Polymers
- Internatinal Journal Reviewer, European Polymer Journal
- Internatinal Journal Reviewer, Polymer Analysis and Characterization
- Internatinal Journal Reviewer, Cleaner Materials
- Internatinal Journal Reviewer, ACS Sustainable Chemistry & Engineering
- Internatinal Journal Reviewer, RSC Advances
- Internatinal Journal Reviewer, Bioresource Technology Reports
- Internatinal Journal Reviewer, Materials
- Internatinal Journal Reviewer, Journal of Industrial Textiles
- Internatinal Journal Reviewer, Materialia
- Internatinal Journal Reviewer, Composite Structures
- Internatinal Journal Reviewer, Journal of the Mechanical Behavior of Biomedical Materials
- Internatinal Journal Reviewer, Polymer Degradation and Stability
- Internatinal Journal Reviewer, Polymer Bulletin
- Internatinal Journal Reviewer, Journal of Testing and Evaluation
- Internatinal Journal Reviewer, Heliyon
- Internatinal Journal Reviewer, Materials Chemistry and Physics
- Internatinal Journal Reviewer, Journal of Engineering Research
- Internatinal Journal Reviewer, Energy Science & Engineering
- Internatinal Journal Reviewer, Hybrid Advances
- Internatinal Journal Reviewer, Progress in Materials Science
- Internatinal Journal Reviewer, Next Materials
- Internatinal Journal Reviewer, Tribology International
- Internatinal Journal Reviewer, Journal of Manufacturing Processes
- Internatinal Journal Reviewer, Journal of Alloys and Compounds
- Internatinal Journal Reviewer, Emergent Materials
- Internatinal Journal Reviewer, Cogent Engineering

- Internatinal Journal Reviewer, Applied Composite Materials
- Internatinal Journal Reviewer, Journal of Inorganic and Organometallic Polymers and Materials
- Editor-in-Chief: KMUTNB Journal
- Editor-in-Chief: Applied Science and Engineering Progress
- International Advisory Board, eXPRESS Polymer Letters
- International Editorial Board, Journal of Polymer Letters
- International Editorial Board, Journal of Production Systems and Manufacturing Science
- Special Issue Editors: Polymers Journal (MDPI)
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### Books

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- [13] Editors: Mohammed Jawaid, Sanjay M.R. and **Suchart Siengchini**: Bamboo Fiber Composites: Processing, Properties and Applications, **Publisher: Springer Nature** 2021, ISBN 978-9811584886
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- [45] Editors: Arun Ramnath, M.R. Sanjay, Sergey Gorbatyuk, Steffen Fischer and **Suchart Siengchin**, Biocomposites - Bio-based Fibers and Polymers from Renewable Resources: Processing, Performance, Durability and Applications, **Publisher: Elsevier** 2023, ISBN 978-0323972826.
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- [55] Editors: Sanjay Mavinkere Rangappa, Vinod Ayyappan, Gaurav Manik and **Suchart Siengchin**, Synthetic and Mineral Fibers, Their Composites and Applications, **Publisher: Elsevier** 2024, ISBN 978-0443136238.
- [56] Editors: Indran Suyambulingam, Divya Divakaran, Sanjay Mavinkere Rangappa and **Suchart Siengchin**, Sustainable Fillers/Plasticizers for Polymer Composites: Promising Resources, **Publisher: Elsevier** 2024, ISBN 978-0443156304.
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## Patent

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- [3] ระพีพันธ์ แดงตันกี, สุชาติ เชียงฉิน, ชัยศิริ กิจเภาสงค์, รพีภรณ์ ศรีสุข เรื่อง วิธีการสกัดเรซินอีพ็อกซีจากซากแผ่นวงจรอิเล็กทรอนิกส์ด้วยการใช้ตัวทำละลายร้อนและตัวเร่งปฏิกิริยา และการขึ้นรูป เลขที่ คำขอ 1603000824 เลขที่ อนุสิทธิบัตร 14226
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- [10] สุชาติ เชียงฉิน และคณะ เรื่อง สูตรผ้าฝ้ายเคลือบผงขี้ผึ้งต้านแบคทีเรียและกรรมวิธีการผลิต เลขที่ คำขอ 1803001275 เลขที่ อนุสิทธิบัตร 21283
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- [14] ยื่นขออนุสิทธิบัตร Patent, India เรื่อง DEVELOPMENT OF HYBRID POLYMER COMPOSITES REINFORCED WITH PROSOPIS JULIFLORA BARK FIBERS, PHOENIX PUSILLA LEAF FIBERS, GLASS

FABRICS AND CARBON FABRICS เลขที่ คำขอ Ref. No./Application No. 202041000392 (Mr. Madhu P, Dr. Sanjay M R, Dr. Pradeep S, Dr. H Mohit, Dr. Yogesha B, and Dr.-Ing. habil. Suchart Siengchin) Patent Granted. Waiting for Publication Under Section 43(2), Patent Number: 419287

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## Design

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