

LIST OF PUBLICATION

Research Grant.

Research and Consultancy Cell of The Maharaja Sayajirao University of Baroda,
(vide letter no. RCC/Dir/2017/335/29 dated 10-02-2017) to carry out my research entitled
Study and Development of Natural Fiber Based Reinforced Composites

Patent

Patent filed having title of invention” **Determination of Thermal Conductivity through Heat Flow Measurement using Hybrid Instrument based on GHP and Calorimeter Principle** “on 20th June 2020 Ref File no. **202021026243**

Paper Publications

1. Paper titled “**An Apparatus for Measuring Thermal Conductivity Developed Using Calorimeter Principle: Relation Between Flow Rate and Time to Reach Steady State**” **PUBLISHED** in i-manager’s Journal on Future Engineering & Technology, Vol. 14 · No. 2 · November 2018 - January 2019.pp 18-28 (UGC Approved journal Sr.No.16245 Journal No.6357 ISSN No. 9732632)
2. “**Bio Composites Material: Review and its applications in various fields**” in **Nature based and inspired composite materials**” **ACCEPTED and ONLINE** to the section of the book of “Encyclopaedia of Materials: Composites’ with Elsevier .
3. “**Mechanical Properties Review: Part 1- Range of Natural Fibers**” **SUBMITTED** in the journal of Journal Of Natural Fibers (Taylor & Francis) Ref WJNF-2020-0660 Print ISSN: 1544-0478 Online ISSN: 1544-046X
4. Research Story titled “**घास-फूस से बनी कोम्पोसीट शीट ट्रान्सपोर्टेशन क्षेत्र एवं हीट इन्सुलेशन व हीट ट्रान्सफर के लिए उपयोगी होगी – सस्टेनेबल ग्रीन टेक्नोलोजी की तरफ एक महत्वपूर्ण कदम**” **SUBMITTED** to the AWSAR, Department of Science and Technology (DST), India. (AW/2020/3234)

Future Publications

Research Papers which are expected from the results and discussion of the experiments of the following processes as following

1. Post process curing of Jute-Vinyl-ester composites
2. Post process curing of Basalt-Vinyl-ester composites
3. Post process curing of Carbon-Vinyl-ester composites
4. In- process curing of Jute-Vinyl-ester composites.
5. Comparison of IPC and PPC
6. Effects of fillers on Mechanical and Thermal Characterisation of Jute-Polyester composites