

FUNDED PROJECTS COMPLETED AND PATENTS

PROJECTS

SL.NO.	TITLE	FUNDING AGENCY
1	Transport characteristics of natural rubber/ ethylene vinyl acetate membranes	MHRD
2	Pervaporation of organic solvent mixtures through styrene butadiene rubber/ ethylene vinyl acetate membranes	CSIR
3	Modification of artificial appliances using LTTP in rehabilitation medicine	DST
4	Establishment of technical interface centre for KVIC	KVIC
5	Development and characterization of metal matrix composites based on aluminium	STEC
6	Comparative study of chitin and cellulose reinforced polymer nanocomposites	UGC
7	Development of nanocomposites from ethylene vinyl acetate, chitin and fibres	UKIERI, British Council
8	Multiferroic polymer nanocomposite structures for spintronic memory devices	Inter NIT Project
9	Development and characterization hierarchical zeolites for fine chemical synthesis	DST
10	Development of high performance polymer blends for engineering applications	CREC

PATENTS

Polymer conjugate and a process for preparing the same	Indian Patent No: 327484	2019	-
Indolo{3,2b} carbazole fluorine based polymer as an active layer for organic solar cells	Application No: 202041032910	2020	Filed on 31/7/2020 through M/s Seeenrgi IP, Kolkata
Bio-adhesive artificial membrane graft for tympanic membrane perforation therapy (<i>With Sree Chithra Thrirunal Insitute of Medical Sciences and Technology</i>)	Application No. 202L41036054	2021	Filed at the Patent Office on 10 th August 2021
Light emitting Schiff base complex doped polymer for OLEDs	File No. with attorney SP-979	2021	Being processed through M/s Seeenrgi IP, Kolkata
Novel matrix controlling transdermal patches from chemically modified natural rubber	48/PF- PIC/2014/KSCS TE (First File No.)	2021	Processing through TIFAC, Govt. of India