



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Affiliated to Osmania University

Department of Biotechnology

Patent Granted/Published

SI No	Title	Faculty Name	Application No	Date of Publication	Status
1	Neonatal Fitness Patch Device To Measure And Monitor Health Parameters Of Newborn Baby	Dr Sanjeeb Kumar Mandal	20 2022 102 678 (IPC A61B5/00)	13.06.2022	Granted
2	Aquatic fauna flora health management device	Dr S. Sumithra	459922-001 (CBR No: 211069)	23.05.2025	Granted
3	Environmental Nano-Toxicology Measuring Device	Dr S. Sumithra	Design number: 6442192	14.05.2025	Published
4	Multi-Dimensional Differential Equation Solver For Complex Physical Simulations	Dr C. Obula Reddy	202541013847 A	28.02.2025	Published
5	Antibacterial swellable nanocomposites polymeric films	K. Dharmalingam, Y. Rajasri, C. Sri hari hara sudheshna and P. Sharvani	202441097799A	20.12.2024	Published
6	Nonsteroidal anti-inflammatory drug (NSAD)loaded hydrogel films	K. Dharmalingam, Y. Rajasri, G. Vijaya Laxmi, V. Kiran Yellappa, CVS Aishwarya, M. Vaishnavi, K. Abhishek Naik	202441094199A	13.12.2024	Published
7	Advanced genome editing for precision agriculture	Dr C. Obula Reddy and Dr Anjaneyulu Musini	202441086259A	15.11.2024	Published
8	A method for development of sustainable packaging from sea weeds and biodegradable composition thereof	Y. Rajasri, K. Dharmalingam, Nitin Ratnam Badhe, Banalla Shreya	202441044350 A	14.06.2024	Published
9	Method of Fabrication of highly resilient organic acid crosslinked	K. Dharmalingam, C. Obul reddy, M. Sai sahithi and C. Samhitha	202441029006 A	19.04.2024	Published



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Affiliated to Osmania University

Department of Biotechnology

	carbomer based hydrogel films				
10	Swellable hydrogel films incorporated with quaternary ammonium compounds	K. Dharmalingam, Y. rajasri, G. Vijaya Laxmi, YV Kiran	202341034437A	30.06.2023	Published
11	Microbial Pigment composition as nucleic acid staining agent	Kalirajan Arunachalam, Rajasri yadavalli, Neha Sharma, Rajesh Kumar, Ranjith Singh	202241004271A	04.02.2022	Published


HEAD
 Dept. of Bio-Technology
 Chaitanya Bharathi Institute of Technology
 Gandipet, Hyderabad-500 075