

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A), HYDERABAD
DEPARTMENT OF BIOTECHNOLOGY
LIST OF SANCTIONED PROJECTS

Sl. No	Year	Funding Agency	Project Title	Estimated Cost	Duration	Principal Investigator (PI)	CO-PI (s)	File No	Status
1	11.04.2025	CBIT Internal / Inhouse project	Bioplastic from Sea Weeds for Food Packaging	30,000	1 Year	Dr. Rajasri Y and Dr K. Dharmalingam	PV Kasyap; S. Shiva Prasad and T. Kranthi	CBIT/PROJ-SIH/1046/Biotech/D003/2025	Sanctioned
2	11.04.2025	CBIT Internal / Inhouse project	Face cream characterization and Business model study for stop acne application	28,000	1 Year	Dr. Ashoutosh Panday, Dr Bishwambhar Mishra, Dr S. Sumithra and Dr G. Vijaya Laxmi	NAWAZ PASHA, kps Sree varshinee, Shivram Krishna	CBIT/PROJ-SIH/1047/Biotech/D004/2025	Sanctioned
3	11.04.2025	CBIT Internal / Inhouse project	Design of Nano-based cardiovascular device	20,000	1 Year	Dr. C. Obula Reddy	G. Sai Prashanth, KV Keerthan and K. Sai Sunder	CBIT/PROJ-SIH/1045/Biotech/D002/2025	Sanctioned
4	15.04.2025	CBIT Internal / Inhouse project	Eco-revamping plaster of paris: waste: Transforming industrial by products	1,15,000	1 Year	Dr. C. Obula Reddy	Dr Y. Sreenivasa Reddy and Dr K. Rajagopal	CBIT/PROJ-IH/1091/Biotech/D007/2025	Sanctioned
5	15.04.2025	CBIT Internal / Inhouse project	Fabrication of Active food packaging system with Pullulan and selected plant extract	1,00,000	1 Year	Dr. B. Mishra	Dr Y. Rajasri and Dr C. Nagendranatha Reddy	CBIT/PROJ-IH/1072/Biotech/D004/2025	Sanctioned
6	15.04.2025	CBIT Internal / Inhouse project	Biodegradation of Toxic and recalcitrant dyes by hydrogel using bio electrochemical treatment (BET) system with simultaneous value addition for environmental sustainability	1,80,000	1 Year	Dr. C. Nagendranatha Reddy	Dr Y. Rajasri and Dr Bishwambhar Mishra	CBIT/PROJ-IH/1073/Biotech/D005/2025	Sanctioned
7	15.04.2025	CBIT Internal /	Fabrication of organic acid cross-linked polymer-based film	1,80,000	1 Year	Dr. K Dharmalinga	Dr Y. Rajasri	CBIT/PROJ-IH/1071/Biotec	Sanctioned

		Inhouse project				m		h/D003/2025	
8	15.04.2025	CBIT Internal / Inhouse project	Modification of thermoplastic 3D printer for bioprinting applications	1,15,000	1 Year	Dr. Kiran Y	Dr K. Dharmalingam	CBIT/PROJ-IH/1092/Biotec h/D008/2025	Sanctioned
9	15.04.2025	CBIT Internal / Inhouse project	Utilizing banana peduncle as an affordable bioadsorbent for efficient removal of heavy metals from the soil sample near industry	1,05,000	1 Year	Dr. Sanjeeb Kumar Mandal	Dr Bishwambhar Mishra and Dr B. Sumithra	CBIT/PROJ-IH/1074/Biotec h/D006/2025	Sanctioned
10	11.03.2024	BRSI Biotechnology Popularization and Skill Development Program for School Children	BRSI Biotechnology Popularization and Skill Development Program for School Children	Rs. 26,000/-	2 days	Dr Y. Rajasri (Coordinator)	Dr Bishwambhar Mishra (Co-Coordinator) and Dr C. Nagendranatha Reddy (Co-Coordinator)	114/BRSI-Skill/Schools-2024	SANCTIONED
11	26.04.2024	CBIT Internal / Inhouse project	Algae based bioplastics for sustainable packaging	Rs 99,500	1 year	Dr Y Rajasri	Dr K. Dharmalingam	CBIT/PROJ-IH/1025/Biotec h/D002/2024	Sanctioned
12	26.04.2024	CBIT Internal / Inhouse project	Isolation, identification of microbes having potential probiotic activities	Rs 31,447	1 year	Dr Sanjeeb Kumar Mandal		CBIT/PROJ-SIH/1001/Biotec h/D001/2024	Sanctioned
13	13.03.2023	CBIT Students project	Antimicrobial coating on personal protective equipment	Rs 10,000	1 year	Dr Y. Rajasri and Dr Bishwambhar Mishra	Caleb joel and Sravya K	CBIT / R&E Hub / R&D / Students projects / 02 ldt.13 Mar 2023	Sanctioned
14	23.03.2023	CBIT Students project	Fabrication and characterization of stimuli responsive hydrogel films for potential applications in drug delivery	Rs 10,000	1 year	Dr K. Dharmalingam	Aishwarya CVS, Vaishnavi M, KAbhishek Naik	CBIT / R&E Hub / R&D / Students Projects I 06 ldt.23 Mar	Sanctioned

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15	28.04.2023	CBIT Students project	PHB production and extraction	Rs 10,000/-	1 year	Dr Y. Rajasri	Ms Divya Prema and Banalla Shreya	CBIT / R&E Hub / R&D / Students Projects I 08 /dt.28 Apr 2023	Sanctioned
16	28.04.2023	CBIT Students project	Bioplastics from sea weeds	Rs 10,000/-	1 year	Dr Y. Rajasri	Mr Nitin Badhe and K Chetan babu	CBIT / R&E Hub / R&D / Students Projects I 08 /dt.28 Apr 2023	Sanctioned
17	05 March 2021	AICTE-SPICES	Chaitanya Samskruthi	Rs 1,00,000/-	1 yr	Dr Bishwambhar Mishra	Dr Jagannadha Rao & Dr Bishwambhar Mishra	10-221/AICTE/ID C/SPICES/2020-21	SANCTIONED
18	29.03.2020	ACIC	grant-in-aid support for establishment and operation of ACIC	Rs 2,22,25,500/-		Dr Y. Rajasri and Dr Sandhya Sree		ACIC Application Number: ACIC190900065	Sanctioned
19	October 2018	UGC-SERO	Studies on enhancement of Secondary metabolites in in vitro through hairy roots and immobilized cell suspensions in medicinally important plant <i>Achyranthes aspera</i>	Rs 1,40,000/-		Dr G. Vijaya Laxmi			Completed