



हरकोर्ट बटलर प्राविधिक विश्वविद्यालय

नवाबगंज, कानपुर - 208002, उ.प्र., भारत

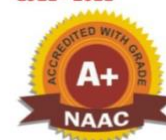
HARCOURT BUTLER TECHNICAL UNIVERSITY

NAWABGANJ, KANPUR - 208002, U.P., INDIA

(Formerly Harcourt Butler Technological Institute, Kanpur)

Phone : +91-0512-2534001-5, 2533812, website : <http://www.hbtu.ac.in>, Email : vc@hbtu.ac.in

100+
YEARS
1921 - 2021



School of Chemical Technology

Department of Biochemical Engineering

List of Research Project B.Tech. Final Year (2025-26)

Sr. No.	Roll No.	Name of Students	Supervisor Name	Title
1.	220101001	Adarsh Kumar	Prof. Lalit Kumar Singh	Ethanol production from cellulosic material
2.	220101002	Ashutosh Yadav	Dr. Roma Agrahari	Phytochemical analysis and anti-microbial activity of <i>Mangifera indica</i>
3.	220101003	Ritik Sharma	Mr. Brajesh Singh	Wastewater Treatment
4.	220101004	Shivam Pratap	Dr. Roma Agrahari	Phytochemical analysis and anti-microbial activity of <i>Mangifera indica</i>



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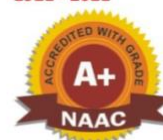
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List of Research Project B.Tech. Final Year (2024-25)

Sr. No	Roll No.	Name of Students	Supervisor Name	Title
1	210101001	Ayushi Rao	Prof. Lalit Kumar Singh	Ethanol Production from Cellulosic Material (Waste Paper)
2	210101005	Akrati Varshney		
3	210101004	Aiman Zahid		
4	210101002	Abhisar Agrahari	Dr. Ajay Kumar Singh	Production of Biofilm using Rice starch
5	210101006	Ayush Kumar Srivastav		Production of Biofilm using sweet potato
6	210101007	Chandrika Singh		Production of Biofilms using Starch
7	210101008	Divy Trivedi	Mr. Brajesh Singh	Biosynthesis of ethanol suitable for vodka using tuber's waste material by mixed culture process.
8	210101009	Divya Trivedi		
9	210101010	Divyansh Verma		
10	210101011	Divyanshi Sachan	Dr. Rajkamal Kushwaha	Production of cellulosic ethanol from wood chips
11	210101012	Himanshu Singh		
12	210101013	Muskan		
13	210101014	Sahil Singh	Dr. Shravan Kumar	Design of WTP using Membrane Bioreactor Technology
14	210101015	Sanjit Pandey		
15	210101016	Saurabh Mishra		
16	210101017	Shaurya Sharad Shukla	Mrs. Roma Agrahari	In-vitro bio-compatibility study of hydroxyapatite, bioactive glass 58S, and barium titanate-based composites, reinforced with Fe ₂ O ₃ and TiO ₂
17	210101018	Shivangi Singh		Construction and operation of Dual chambered Microbial Fuel Cell using domestic waste water.
18	210101020	Srishti Pandey		Production of Bioplastics from fruit peels.
19	210101021	Tanmay Ojha	Mr. Mohit Kumar Yadav	Preparation of Bioplastic using banana peel as biomaterial
20	210101023	Shalini Pal		



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List of Research Project B.Tech. Final Year (2023-24)

S. No.	Name of Supervisor	Name of Student	Roll No.	Project Title
1	Dr. Lalit Kumar Singh	Naman Sharma	200101013	Production of Ethanol from Cellulosic Material.
2		Paritosh Shukla	200101037	
3		Ansh Goyal	200101033	
4		Shweta Raj	200101017	
5		Anurag Pal	200101036	
6	Mr. Brajesh Singh	Rahul Yadav	200101038	Extraction of alcohol from broken rice and plant design
7		Buddhsen Singh	200101027	
8		Vaibhav Tripathi	200101032	
9		Smriti Rai	200101024	
10		Megha Rajput	200101011	
11	Dr. Rajkamal Kushwaha	Vaishnavi Srivastava	200101020	Fabrication and characterization of HAp-58S Bio-glass-Barium Titanate based composite for bone repair application
12		Vaishnavi Tiwari	200101035	
13		Aakriti Sarkar	200101001	
14	Dr. Rajkamal Kushwaha Ms. Roma Agrahari	Harshit Yadav	200101006	Physiochemical Characterizations of wastewater from different regions of Ganga Barrages, Kanpur
15		Kaushal Patel	200101010	
16		Kaushal Kannaujia	200101009	
17		Aman Gupta	200101004	
18		Varsha Yadav	200101021	
19	Dr. Rajkamal Kushwaha	Vaishali Gupta	200101019	Social Commerce Application
20	Dr. Shravan Kumar	Suraj Singh	200101018	Production of Bio-char to enhance the nutrient of the soil
21		Devansh Singh	200101028	
22		Ritik Katiyar	200101015	
23	Dr. Shravan Kumar	Md. Miraz	200101012	Biodiesel production from waste cooking oil
24		Paras	200101014	
25	Mr Brajesh Singh	Janmejay pal	200101008	Silver Nanoparticles Incorporated Cellulose Nano Composite Preparation.
26	Mr. Mohit Kumar Yadav	Abhishek Singh	200101002	
27		Abhishek Mishra	200101025	
28		Sachin Singh Rana	200101016	
29		Harsh Verma	200101029	



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List of Research Project B.Tech. Final Year (2022-23)

S. No.	Name of Students	Roll No.	Research Project Topic
1	Adarsh Singh	190101001	Bio-nano composite material preparation for food packaging.
2	Aditya Tripathi	190101002	
3	Akanksha Yadav	190101003	
4	Akhand Pratap Singh	190101004	
5	Anil Yadav	190101006	Production of biogas using algal residual biomass by <i>Cynobacteria</i> .
6	Anjali Verma	190101007	
7	Divyansh Singh	190101009	
8	Gauri Shukla	190101010	
9	Harshita Singh	190101011	Treatment of textile effluent with application of engineered adsorbent from Teak leaves and Banana trunk.
10	Jagrat Singh	190101012	
11	Jayesh Singh Chauhan	190101013	
12	Karishma Mishra	190101014	
13	Kaushik Sachan	190101015	Removal of heavy metal from tannery effluent using hybrid biosorbent.
14	Mansi Rajpoot	190101016	
15	Krishna Sharma	190101017	
16	Nimisha Chowdhary	190101019	Production of bioethanol from fruit waste.
17	Omji Awasthi	190101020	
18	Parth Srivastava	190101021	
19	Pradeep Yadav	190101024	Microbial decolorization of azo dye using <i>Bacillus licheniformis</i> .
20	Pradyum Kumar Anurag	190101025	
21	Pranjal Raj Gupta	190101027	Optimization of process parameter for the decolorization of azo dye using heterogeneous Fenton's like oxidation process.
22	Samiksha Singh	190101029	
23	Satyam Dubey	190101030	
24	Saurabh Kumar	190101031	Bioethanol production using waste starchy material.
25	Shreya Yadav	190101032	
26	Shriya Gupta	190101033	
27	Siddhant Vikram Awasthi	190101034	Decentralized biogas technology of anaerobic digestion and farm ecosystem.
28	Suyash Patel	190101037	
29	Virendra Kumar Saroj	190101038	



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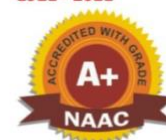
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1	Adarsh Singh	190101001	Bio-nano composite material preparation for food packaging.
2	Aditya Tripathi	190101002	
3	Akanksha Yadav	190101003	
4	Akhand Pratap Singh	190101004	
5	Anil Yadav	190101006	Production of biogas using algal residual biomass by <i>Cynobacteria</i> .
6	Anjali Verma	190101007	
7	Divyansh Singh	190101009	
8	Gauri Shukla	190101010	
9	Harshita Singh	190101011	Treatment of textile effluent with application of engineered adsorbent from Teak leaves and Banana trunk.
10	Jagrat Singh	190101012	
11	Jayesh Singh Chauhan	190101013	
12	Karishma Mishra	190101014	
13	Kaushik Sachan	190101015	Removal of heavy metal from tannery effluent using hybrid biosorbent.
14	Mansi Rajpoot	190101016	
15	Krishna Sharma	190101017	
16	Nimisha Chowdhary	190101019	Production of bioethanol from fruit waste.
17	Omji Awasthi	190101020	
18	Parth Srivastava	190101021	
19	Pradeep Yadav	190101024	Microbial decolorization of azo dye using <i>Bacillus licheniformis</i> .
20	Pradyum Kumar Anurag	190101025	
21	Pranjal Raj Gupta	190101027	Optimization of process parameter for the decolorization of azo dye using heterogeneous Fenton's like oxidation process.
22	Samiksha Singh	190101029	
23	Satyam Dubey	190101030	
24	Saurabh Kumar	190101031	Bioethanol production using waste starchy material.
25	Shreya Yadav	190101032	
26	Shriya Gupta	190101033	
27	Siddhant Vikram Awasthi	190101034	Decentralized biogas technology of anaerobic digestion and farm ecosystem.
28	Suyash Patel	190101037	
29	Virendra Kumar Saroj	190101038	