



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



Sponsored Research Project

PI Name	Co-PI Name	Name of the Dept., where the project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount (Lacs) i.e. 15,25,000=15.25
CAYm1 (2023-24)						
Prof. Rajesh kumar Verma	and Dr. Virendra Kumar	Mechanical Engg.	Cost-effective Green Route for the Development of Carbon Nanofillers and Polymer Nanocomposites for Biomedical Applications: An Experimental Approach based on Waste to Wealth	Council of Science and Technology	3 years	1880000.00
Prof. Rajesh kumar Verma	-	Mechanical Engg.	Development of Modified Bio-Nanocomposite	CST UP Student Engineering	1 years	20000.00
Prof. Rajesh kumar Verma	-	Mechanical Engg.	Design and Development of a cost-effective prototype	CST UP Student Engineering	1 years	20000.00
Dr. Virendra Kumar (MMMUT)	Prof. Rajesh kumar Verma & Dr. Nishant K. Singh	Mechanical Engg.	Development of low-cost structural composites via recycling discarded Photovoltaic (PV) panels: An integrated approach to tackle environmental and socio-economic issues	Council of Science and Technology	3 years	1536000.00
Prof. Sanjay Mishra (MMMUT)	Prof. Rajesh kumar Verma	MMMUT	An integrated approach for ...	AICTE, Govt. of India.	2 years	2196000.00
Prof. Rajesh Kumar Yadav (MMMUT)	Prof. Rajesh kumar Verma	MMMUT	A Novel Integrated Photocatalytic Approach for the Development of Solar Light-Driven Hydrogen Production and CO ₂ Conversion into Solar fine chemicals	DST NEW DELHI	3 years	2110000.00
CAYm2 (2022-23)						
Dr. Anand Kumar	Dr. Vinay Pratap Singh	Mechanical Engg.	Design and development of utility products using recycled waste rubber	Council of Science and Technology	3years	1194000.00
CAYm3 (2021-22)						
NA	NA	NA	NA	NA	NA	NA



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Consultancy Work

PI Name	Co-PI Name	Name of the Dept., where the project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount (Lacs) i.e. 15,25,000=15.25
CAYm1 (2023-24)						
Prof Jitendra Bhaskar	-	Mechanical Engg, HBTU	Technical Opinion in a Patent Infringement Suit.	Wadhwa Laws offices Gurugram, Haryana.	-	9.50
Prof Jitendra Bhaskar	Dr V P Singh, Miss. Shivani	Mechanical Engg, HBTU	Safety Audit of Toy Train in Kanpur Zoo.	Kanpur Zoo, Vikas Nagar Kanpur	-	0.83
CAYm2 (2022-23)						
Prof J. Bhaskar	Dr A.K.Rathore	Mechanical Engg, HBTU	Gutkha Multilayer	M/s Kay Flavou	1 year	2.16
Prof J. Bhaskar	-	Mechanical Engg, HBTU	Technical Inspection	Oriental Collection	1 year	0.05
Prof J. Bhaskar	-	Mechanical Engg, HBTU	Electric Chalk	Synergic Systems	1 year	0.05
CAYm3 (2021-22)						
Prof J. Bhaskar		Mechanical Engg, HBTU	Vibration Testing	M/s Digital Company	1 year	0.35
Prof J. Bhaskar		Mechanical Engg, HBTU	Vibration Testing	M/s Pearl Electronics	1 year	0.12
Prof J. Bhaskar		Mechanical Engg, HBTU	Vibration Testing	M/s Epsilon, Hyderabad	1 year	0.35
Prof J. Bhaskar	Dr A.K.Rathore	Mechanical Engg, HBTU	Third party audit of oxygen plant	M/s Balaji Enterprise	1 year	2.28
Prof J. Bhaskar	Dr A.K.Rathore	Mechanical Engg, HBTU	Audit of Oxygen plant	M/s Hospital	1 year	0.35
Prof J. Bhaskar	Dr A.K.Rathore	Mechanical Engg, HBTU	Audit of Oxygen plant	M/s Hospital	1 year	3.25



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Institution Seed Money or Internal Research Grant to its Faculty for Research Work.

S.No.	Faculty name	Project title/ Support for Activity	Duration of the project	Amount (Lacs) i.e. 15,25,000=15.25	Amount Utilized (Lacs) i.e. 15,25,000=15.25	Outcomes of the project Action
CAYm1 (2023-24)						
1	Prof. S.K.S Yadav	Natural gas pipes leakage	1 year	0.20	0.20	leakage detection
2	Prof. S.K.S Yadav	Agricultural drone	1 year	0.30	0.30	Agricultural purpose
CAYm2 (2022-23)						
1	Prof J. Bhaskar	Smokeless chulha	1 year	0.15	0.15	Design registration
2	Prof J. Bhaskar	Rapid freeze and heat system	1 year	0.15	0.15	B.Tech. Project
CAYm3 (2021-22)						
NA						