

Details of projects sanctioned under SUTRA-PIC- Prime-products from indigenous cows based utility items

S. NO.	PROJECT TITLE & PI DETAILS	PI DETAILS	STATE	TOTAL BUDGET(Rs.)	BUDGET RELEASED(Rs.)
1.	Protocol establishment for forensic authentication and traceability of products claimed as made from Panchgavya. DST/SEED/SUTRA/2020/42	Dr. Jayraj Singh, Institute of Research and Development, National Forensic Sciences University, Gandhinagar, Nr. DFS Head Quarters, National Highway 8C, Sector 9, Gandhinagar, Gujarat – 382 007.	Gujarat	3290394/- (R) 950000/- (NR) Total = 42,40,394/-	10,78,343/-(G) 9,50,000/- (C) Total = 20,28,343/-
2.	Characterization of indigenous cow's dung and urine for scientific advancement and development of utility items. DST/SEED/SUTRA/2020/132	Dr. Abhishek Suresh Dhoble, Indian Institute of Technology(BHU), Varanasi – 221 005.	Uttar Pradesh	31,04,162/-(R) 22,04,262/-(NR) Total =31,04,162/-	12,08,638/-(G) 8,99,900/- (C) Total = 21,08,538/-
3.	Cow dung derived hybrid adsorbent for heavy metal removal and its subsequent utilization as cheaper electrodes for energy storage devices. DST/SEED/SUTRA/2020/74	Dr. Brijesh Kumar Mishra, IIT ISM, Dhanbad, Jharkhand.	Jharkhand	30,16,859/-(R) 6,00,000/-(NR) Total =36,16,859/-	10,07,508/-(G) 6,00,000/- (C) Total = 16,07,508/-
4.	Development of dairy waste scum derived fatty acid methyl ester as a potential biofuel for industrial applications.	Prof. R Geetha Balakrishna, Jain University, Centre for Nano and	Karnataka	31,88,346/-(R) 26,47,900/-(NR) Total =58,36,246/-	10,80,807/-(G) 22,47,900/- (C) Total = 33,28,707/-

	DST/SEED/SUTRA/2020/71	Material Sciences, Jain Global Campus, Jakkasandra (P) Kanakpura (T) Ramanagara, Karnataka – 562 112.			
5.	Development of environmental friendly corrosion inhibitors from cow manure and their performance evaluation for combating corrosion of reinforced steel (rebar) in concrete. DST/SEED/SUTRA/2020/192	Prof. Kallol Mondal, Indian Institute of Technology Kanpur - - 208 016, Uttar Pradesh.	Uttar Pradesh	39,59,301/-(R) 18,43,990/-(NR) Total =58,03,291/-	13,19,767/-(G) 18,43,990/-(C) Total = 31,63,757/-
6.	Utilization of micronutrients rich indigenous cow dung to develop an innovative dermal trace metal delivery system with multifun tion facets. DST/SEED/SUTRA/2020/232	Dr. G Sivasubramanian, Department of Science, Amrita Vishwa Vidyapeetham, Ettimadai Campus Coimbatore, Tamil Nadu - 641 112.	Tamil Nadu	20,49,455/-(R) 57,73,000/-(NR) Total =78,22,455/-	6,81,345/- (G) 57,73,000/-(C) Total = 64,54,345/-
7.	Development of Novel Biochar from Indigenous Cow dung for Remediating Arsenic Contaminated Water and Soil Matrices.	Dr. Suchismita Das, Assistant Professor, Department of Life Sciences and Bionformatics, Assam University.	Assam	42,19,123/-(R) 17,28,616/-(NR) Total =59,47,739/-	13,10,041/-(G) 17,28,616/-(C) Total = 30,38,657/-

	DST/SEED/SUTRA/2020/303				
8.	Utilization of paddy straw as complete fodder block by treating with Gomutra Indigenous cow urine. DST/SEED/SUTRA/2020/18	Dr. Ajayvir Singh Sirohi, ICAR Central Institute for Research On Cattle - Meerut Cantt.	Uttar Pradesh	51,67,960/- (R) 19,00,000/- (NR) Total =70,67,960/-	13,71,600/- (G) 19,00,000/- (C) Total = 32,71,600/-
9.	Exploring Anti-infective Potential of Panchagavya Metabolomics and Proteomics Approaches. DST/SEED/SUTRA/2020/284	Dr. Shreyans Kumar Jain, Indian Institute of Technology, Banaras Hindu University, Varanasi, Uttar Pradesh - 221005.	Uttar Pradesh	26,59,778/- (R) 38,83,600/- (NR) Total =65,43,378/-	8,84,042/- (G) 38,83,600/- (C) Total = 47,67,642/-
10.	Development of Eco-friendly cow Dung based Herbal Mosquito Repellent Sticks/Coil. DST/SEED/SUTRA/2020/272	Dr. Kranti Sharma, Chhattisgarh Kamdhenu Vishwavidyalaya (CKV), Kamdhenu, & Panchgavya Research & Extension Centre, Anjora, Durg (C.G.) and Dr. K. Krishnamurthi, Health and Toxicity Cell, CSIR-NEERI, Nagpur-440020.	Maharashtra	38,54,362/- (R) 22,33,000/- (NR) Total =60,87,362/-	23,08,281/- (G) 22,33,000/- (C) Total = 45,41,281/-

