

LIST OF TECHNOLOGIES UNDER AKRUTI PROGRAM

Tech Sr. No.	Technology Name	Technology Code	TT Fee
1	A novel universal multi-nutrient soil extractant for assessing bio-availability of nutrients in soil	AB54NABTD	77,000
2	A post-harvest technology for development of Intermediate Moisture Shrimp	AB32FTD	20,000
3	A Process for Development of Phosphorus (P) Fertilizer Formulation from Biosludge	AB26NABTD	40,000
4	A Process for Development of Zinc (Zn) Fertilizer Formulation from Biosludge	AB27NABTD	40,000
5	A Rapid Composting Technology for decomposition of dry leaves, kitchen waste and temple waste	AB25NABTD	25,000
6	A Rapid, Reproducible and Sustainable Micropropagation Protocol for Turmeric (<i>Curcuma longa</i> L.)	AB40NABTD	110,000
7	Ambient Prolonged Storable Meal for Natural Calamities and Other Targets	AB02FTD	25,000
8	An Efficient, Rapid and Reproducible Micropropagation Protocol for Ginger (<i>Zingiber Officinale</i> L.)	AB49NABTD	120,000
9	Banana Health Drink	AB33FTD	50,000
10	Bio-available curcumin formulations for pharmaceutical and nutraceutical applications	AB23CD	85,000
11	Biosensor for Methyl Parathion	AB28NABTD	26,000
12	Biosensor Kit (Biokit) For Detection of Organophosphate and Organocarbamate Pesticides	AB37NABTD	50,000
13	De-Bittered Bitter Gourd (<i>Karela</i>) juice with high antidiabetic activity	AB31FTD	100,000
14	Delicious & Preservative free, Shelf Stable Natural Jamun Product	AB41FTD	21,000

15	Development of Instant Fish Soup Powder	AB42FTD	68,000
16	Foldable Solar Dryer	AB05FTD	10,000
17	Gluten Free - Multigrain premix	AB39FTD	32,000
18	Long Lasting Delicious Strawberry Candy Roll (SCR)	AB48FTD	22,000
19	Mass multiplication medium of Biofungicide Trichoderma spp.	AB08NABTD	10,000
20	Microfine Neem Biopesticide	AB21NABTD	40,000
21	Microplate based optical biosensor for detection of Methyl Parathion	AB35NABTD	55,000
22	Micropropagation of Banana	AB10NABTD	100,000
23	Micropropagation of Pineapple	AB44NABTD	104,000
24	Minimally processed ready-to-eat (RTE) apple slices	AB38FTD	31,000
25	Naturally Fermented fibre fortified Rice / Millet Idli using Moong as an alternative to Urad	AB56FTD	32,000
26	Nutritious Ready to Eat (RTE) fish spread	AB53FTD	22,000
27	Partially hydrolyzed guar gum for dietary fiber applications	AB11FTD	200,000
28	Process for De-Bittering Fenugreek Seed Extracts	AB34FTD	53,000
29	Process For Long Lasting Ready- To- Eat (RTE) Intermediate Moisture (IM) Fruit Cubes	AB20FTD	20,000
30	Process for Retaining Pericarp Colour and Extending Shelf Life Of Litchi	AB12FTD	82,000
31	Safe and Prolonged Storable Legume Sprouts and Sweet Corn Kernels	AB45FTD	15,600
32	Shelf Stable Luscious and Nutritious Chiku Fruit Bites	AB55FTD	60,000
33	Shelf Stable Oil Free Potato Chips of Different Flavors	AB46FTD	25,000
34	Soil Organic Carbon Detection Kit (SOCDK)	AB13NABTD	50,000
35	A Kit for Detection of Intracellular Iron (Fe ²⁺) in live cells	AB60BOD	85000

36	Atmospheric pressure portable catalytic air plasma system for fast synthesis of aqueous Nitrate & Nitrite fertilizers	AB59L&PTD	250000
37	Low GI High Fibre Wheat Flour-For Diabetes Management	AB61NABTD	38000
38	Chemical-free physical treatments to enhance storability and quality of mushroom	AB62FTD	35,000
39	Nutri-Shakti : Innovative Plant Based Protein	AB64FTD	105,000
40	Trombay-Actino C3: Formulation for plant defense and growth in vegetable crops	AB65NABTD	65,000
41	Preservative-free Shelf Stable Ready-to-Eat Blended Mint Coriander Spice (MCS) Dip	AB66FTD	48,100
42	Dissolved Oxygen (DO) Monitor (Model-1)	CH32ACD	77,000
43	Visual Detection Kit (VDK) for monitoring ethanol in petrol	CH34NCCCM	135,000
44	Visual Detection Kit for alcohol content in hand sanitizers	CH29NCCCM	45,000
45	Visual Detection kit for melamine content in adulterated milk	CH39RPCD	204,000
46	Aluminium Visual Detection Kit (AVDK) for the Rapid Detection in Dialysis Fluids and Ground Waters	CH37NCCCM	42,000
47	Chlorine Dioxide releasing polymer for water disinfection (CLEAN)	WT23WSCD	110,000
48	Cr(VI)DK: Chromium (VI) Detection Kit For Water	WT18NCCCM	100,000
49	Fluoride Detection Kit for ground water (FDK)	WT07NCCCM	400,000
50	Mercury Visual Detection Kit for ground Water [MVDK]	WT24NCCCM	40,000
51	USB powered Tele ECG	MD32ED	168,000
52	Cellulose based Water purifier for Arsenic removal	WT21RTDD	730,000
53	BLDC Motor Based 5 HP Solar Water Pump	EG13CSDD	180,000
54	Atmospheric pressure portable catalytic air plasma system for fast synthesis of aqueous Nitrate & Nitrite fertilizers	AB59L&PTD	250000
55	Laser Vibrometer (Kampan)	AI12LPTD	222,700

56	LASCAN DIA-GAUGE	AI39L&PTD	112,000
57	OPACIMETER	AI40L&PTD	150,000
58	Pulsed UV Disinfection System	EG28PP&EMD	25,800
59	Back-washable Spiral Ultrafiltration Technology for Domestic & Industrial Water Purification	WT02MDS	150,000
60	High Salt rejecting composite polyamide Reverse Osmosis (RO) membrane for desalination	WT08MDS	300,000
61	Preparation of Composite Polyamide Reverse Osmosis (RO) membrane for Brackish Water Desalination	WT12MDS	250,000
62	UF Membrane Assisted Device for removal of Iron from contaminated water for drinking purposes	WT17DD	25,000
63	A Method For Preparation Of Hollow-Fiber Ultrafiltration Membrane And Making A Water Purifying Device For Water Purification	WT28DMTD	155,000
64	On-line Domestic water purifier based on Ultra Filtration Polysulfone membrane	WT11MDS	140,000
65	Nanocomposite Ultrafiltration Membrane Device For Domestic Drinking Water Purification W.R.T. Arsenic, Iron and microbial contaminations	WT10MDS	200,000
66	Membrane Assisted Defluoridation Process for Safe Drinking Water	WT09MDS	25,000
67	Arsenic Removal from Drinking Water by physicochemical process	WT01MDS	25,000