



**PROCEEDINGS OF THE MEMBER SECRETARY
KERALA-DEVELOPMENT AND INNOVATION STRATEGIC COUNCIL
(Present : Dr. P.V. Unnikrishnan)**

Sub:- Kerala - Development and Innovation Strategic Council - Rank list of YIP 2020-23 -
Second level evaluation - Approved - Sanctioned.

KERALA-DEVELOPMENT AND INNOVATION STRATEGIC COUNCIL

No : 93/2020/KDISC

Thiruvananthapuram, Dated: 09.07.2021

Read:- GO(Ms)No.08/2021/P&EA dated 24.02.2021

ORDER

The Young Innovators Programme 2020 was launched on 02.07.2020. The preliminary evaluation of the ideas was done by the domain mentors of K-DISC and 800 ideas got selected to the second level. The second level of evaluation has been completed by the mentors who were inducted into the YIP ecosystem in 2018. The Programme Management Team has now requested for ex-post facto sanction for the evaluation of the ideas.

In the circumstances above, ex-post facto sanction is hereby accorded for the following :

1. Ex-post facto sanction is accorded for organising the preliminary evaluation through mentors identified by domain institutions.
2. Sanction is accorded for publishing the rank list of YIP second stage evaluation covering 234 ideas, for organising the immersion training of the mentees and further for their evaluation at the state level.

The rank list of YIP second stage evaluation of 234 ideas is attached as Annexure.

Unnikrishnan PV

Member Secretary

Sl. No.	Idea ID	Micro theme	Instt. ID	Instt. Name	District	Ideator's name	Idea Title	Theme
1	7	Cognitive Aid	15481	Viswajyothi College of Engineering and Technology	Ernakulam	Vishnu Tp,Basil Mathew,Varghese Mathew,Karun Das,Joel Sabu	E-DEAF	Assistive Technologies
2	10	New product & product improvisation	18049	Kerala University of Fisheries & Ocean Studies(KUFOS)	Ernakulam	Nair Chithra Harinarayanan, Amala Tony,Kavya Varma,Athira Shaji	BIO-ACTIVE PACKAGING	Agriculture & Allied Sectors
3	13	Aquaculture app and IOT	18049	Kerala University of Fisheries & Ocean Studies(KUFOS)	Ernakulam	Haritha M A ,Ajay V S	AQUATECH	Agriculture & Allied Sectors
4	16	Covid alert system	13027	VIMAL JYOTHI ENGINEERING COLLEGE	Kannur	Anamika C,Dr V Sampath Kumar,Mahesh Pg,Anusree K,Salvin Jose K	AL THERMOMETER	Post Pandemic Innovations
5	21	New product & product improvisation	8410	The School of the Good Shepherd	Thiruvananthapuram	Geethika S Nair,Krishna A S,Niranjana Shaji	BACK TO THE ROOTS	Assistive Technologies
6	29	New product & product improvisation	15763	college of Engineering Trivandrum	Thiruvananthapuram	Aparna Abraham,Cyra Hannah Naveen	BLOCK UNCHAINED	Assistive Technologies
7	45	Sanitiser Dispenser	17474	Department of Computer Science University of Kerala	Thiruvananthapuram	Misaj Sharafudeen,Sujitha David,Jayavalli Janardanan	AMDM-AUTOMATED MEDICAL DIAGNOSIS MACHINE	Post Pandemic Innovations
8	71	Sanitiser Dispenser	15454	Adi Shankara Institute of Engineering and Technology	Ernakulam	Dr. Tony George,Sibnu Zayed,Vignesh S,Meghana,Nandhana	Automatic Sanitizer Dispenser Controlled Bridge Inclined Flap Barrier Gate Turnstile with Non-Contact Temperature Sensor to Help Against the Spread of Coronavirus	Post Pandemic Innovations
9	103	Flood forecasting	1957	St.Thomas Higher Secondary School	Thiruvananthapuram	Aravind S M,Archa A J	Early Disaster Alert System(EDAS)	Climate Change and Disaster Management

				Mukkolakkal Trivandrum				
10	108	Computer Software and Hardware	482	IJMSS Kottiyoor	Kannur	Cia Benny,Anna Mariya Jiji	TEC - GLASS Technology incorporated spectacles	Assistive Technologies
11	117	New product & product improvisation	15544	LBS College of Engineering Kasaragod	Kasaragod	Anshib,Muhammed Swafdhar Nazeer	Pickshop	Business model innovation
12	125	Diabetology and Endocrinology	15867	DM WIMS College of Pharmacy seera gar Meppadi Wayanad	Wayanad	Mubasheer M V,Sabiney Surendran,Abdul Raof K,Dhaneesh.S,R eshadh T A	Leiten	Modern Medicine and Bio medical Technology
13	164	Incubator	10477	AKNM Government Polytechnic College Thirurangdi	Malappuram	Jemshihap, Mohammed Ashad M M	PID BASED AUTOMATIC EGG INCUBATOR	Agriculture & Allied Sectors
14	182	Soil science	17467	Department of Biotechnology University of Kerala	Thiruvananthapuram	Sooraj Suresh,Vidhya Das,Gratiale Therese Joseph,Abhijith. S	FERRO-MULCH	Agriculture & Allied Sectors
15	206	New product & product improvisation	19515	CHRIST COLLEGE OF ENGINEERING IRINJALAKUDA	Thrissur	Alvin Antony Ms,Franco D Alappat,Rose Paul Puthur,Faiha Sherin	AUGMENTED REALITY FOR DEAF CHILDREN	Assistive Technologies
16	210	New product & product improvisation	15598	St. Josephs College of Engineering and Technology Palai	Kottayam	Dennis Raju,Samrat Pradeep	E.V.A.T. EMERGENCY VEHICLE ASSISTIVE TECHNOLOGY	Assistive Technologies
17	221	Smart Learning Solutions	12977	P K M COLLEGE OF EDUCATION MADAMPAM	Kannur	Abin Jose,Jain James,Anju Varghese,Jomal Jose,Ragesh T	SELF LEARNING KIT FOR SCHOOL CHILDREN	Post Pandemic Innovations
18	234	Patient care	15590	Amal Jyothi College of Engineering	Kottayam	Jiby Joseph Mathew,Vimal O Thomas ,Safi Sulaiman	Our device is a multilayered circuit on silicone of up to 10 layers of silicone each housing a	Modern Medicine and Bio medical Technology

							specific sensor interfaced with a surface mount microprocessor.	
19	239	Sanitiser Dispenser	15706	Govt. Engineering College Sreekrishnapuram	Palakkad	Sourav K C,Rohit K,Jaison Joshi	SANITIZING BAND	Business model innovation
20	251	Environment	18049	Kerala University of Fisheries & Ocean Studies(KUFOS)	Ernakulam	Maria Jani Mol,Arya T S,Aswathy Surendran,Devika S Kumar	Mytella strigata ., AN INVASIVE SPECIES! OR VITAL	Climate Change and Disaster Management
21	264	Agronomy	18285	ST. JOHNS SCHOOL	Pathanamthitta	Madhav Ajay,Jeffy V Binu,Abin Philip Anil,Noel Binny Mathews	NAND Gate	Agriculture & Allied Sectors
22	279	Precision farming	7520	Vimala Public School Thodupuzha East	Idukki	Abhiram K S,Irfan Abdul Azis,Ashin Vinod,Amal Neeradh K Raj	AVEO	Agriculture & Allied Sectors
23	280	Ayurvedic Therapy Machinery	15788	Govt Ayurveda College Thiruvananthapuram	Thiruvananthapuram	Athira S,Athira R	Semi - Automatic Vasti Machine	Complementary & Alternative Medicine
24	282	New Inoculum & microbiological methods	15590	Amal Jyothi College of Engineering	Kottayam	Neethu Shajan,Reeja Mary Jaison ,Ruben Joy	UV AIR PURIFIER	Business model innovation
25	283	Gadgets for elderly	19515	CHRIST COLLEGE OF ENGINEERING IRINJALAKUDA	Thrissur	Priyanka Harikumar,Sandra Elizabeth Jose,Melwin Johnson,Ivo Jaitus	Memory Loss Assistance Watch	Prob of Children & Aged in Kerala
26	297	New product & product improvisation	12213	N S S college Rajakumari	Idukki	Akshai Unni,Unnikrishnan T H,Ameya P A,Amal Xaviour,Harikrishna P S	Advanced Vehicle Speed Control Using Traffic Sign Board Recognition	Assistive Technologies
27	311	Rescue Device	12659	st Thomas College Ranny	Pathanamthitta	Aravind S,Libin Santhosh	BRU Boat Recovery Unit	Climate Change and Disaster Management
28	313	New product &	15473	MUTHOOT	Ernakulam	Joseph P	LIE	Business

		product improvisation		INSTITUTE OF TECHNOLOGY AND SCIENCE		Mathew, Alwin Jiby, Eldho P Kuriakose, Donal Benny, Abhirami A S	DETECTION SYSTEM	model innovation
29	329	Pediatric Emergencies - Prevention/Rescue	19515	CHRIST COLLEGE OF ENGINEERING IRINJALAKUDA	Thrissur	Adeeb Abdul Majeed, Astin Kalathingal Thankachan, Nivin Vinson, Edwin Varghese, Able Anto	Snakebot-Rescue -A borewell rescue system.	Prob of Children & Aged in Kerala
30	344	Neurology	12125	Morning Star Home Science College	Ernakulam	Amrutha Davis, Greeshma A U, Sony Joseph, Farzeena P A, Shahla P	AI BASED DIAGNOSIS ASSIST	Assistive Technologies
31	367	Marine fish culture	12683	CHRIST NAGAR COLLEGE	Thiruvananthapuram	Abhirej J R Nair, Adhirej J R Nair	GREEN NET FISHING SUSTAINABLY	Agriculture & Allied Sectors
32	369	Agri Machinery	1796	St. Thomas EMHSS Attappallam	Idukki	Niranjana A K, Anita Sara Sabu	CARDAMOM HARVESTING ROBOT - Smart Step to the Future	Agriculture & Allied Sectors
33	393	Water Recycling	1191	A. K. N. M. M. A. M. H. S. Kattukulam	Palakkad	Abhinav C, Abhinandh V V, Rohan P	PEDESTAL SENSORED WASHER (PSW)	Drinking water and water conservation
34	396	New Marketing Strategies	12123	MES COLLEGE MARAMPALLY	Ernakulam	Sufana Mariyam, Sana K Zubair, Najeena Niyas P N	DYE YOUR PAPER COLORED CRAFT PAPERS	Post Pandemic Innovations
35	400	Waste to Value replacing Single Use Plastic	18049	Kerala University of Fisheries & Ocean Studies (KUFOS)	Ernakulam	Haritha C, Arathi Ashok, Nayana T M, Stency Yesudas	PRODUCING FOOD PACKING MATERIAL FROM BANANA PSEUDOSTEM HAVING ANTIBACTERIAL AND ANTIOXIDANT PROPERTIES	Solid, Liquid and Hazardous Waste Management
36	411	Skin	15695	Vaidyaratnam P.S. Varier Ayurveda College	Malappuram	Aiswarya Lakshmi, Amrutha V, Ajay A B	Ayurheal Ayurvedic, eco-friendly, user-friendly,	Complementary & Alternative Medicine

				Kottakkal			affordable and highly effective bed sore patches.	
37	423	e-waste management	15596	Rajiv Gandhi Institute of Technology	Kottayam	Arun Pradeep,Bestin Joseph Thomas,H. Harigovind,Allen Augustine	TEAM VISION	Solid, Liquid and Hazardous Waste Management
38	426	Robotics	13027	VIMAL JYOTHI ENGINEERING COLLEGE	Kannur	Noyal Jose,Kiran Joseph,Abhilash Joseph,Aleena Jaison,Alen Varghese	NIGHTINGALE-19	Assistive Technologies
39	492	Rescue Device	12642	Mar Athanasius College for Advanced Studies Thiravalla	Pathanamthitta	Sharon P Joseph,Jaimon James	DIGITAL DISASTER MANAGEMENT SYSTEM	Climate Change and Disaster Management
40	493	Battery Technologies	15455	Albertian Institute of Science and Technology	Ernakulam	Anju Joshy, N.A Mary,Abel A James,Antony Juza Jose Tom,Rajeev Rajan	FULL DUPLEX BATTERY SYSTEM	Energy, E-Mobility and Renewables
41	515	Naturopathy	12642	Mar Athanasius College for Advanced Studies Thiravalla	Pathanamthitta	Susan Issac,Aleena Johnson ,Akshaya P T,Fathima Salim	Invitro production of saponins in callus and suspension culture of from Bacopamonnieri	Complementary & Alternative Medicine
42	529	Lifestyle modifications through Ayurveda	15538	GOVT AYURVEDA COLLEGE KANNUR PARIYARM	Kannur	Sahala,Rhishaba Ramkumar,Sargalakshmi V K,Muhsina Vp,Najah Jaleel Vp	WABALA-being healthy is the only choice	Complementary & Alternative Medicine
43	532	Agro processing	15473	MUTHOOT INSTITUTE OF TECHNOLOGY AND SCIENCE	Ernakulam	Danish Scaria,Feba Kunjumon,Rifa Mohamed Rasheed	AUTOMATIC FRUIT SORTING ANDQUALITY	Agriculture & Allied Sectors
44	541	Agro processing	15481	Viswajyothi College of Engineering and Technology	Ernakulam	Kurian Peter,Emil Jaison,Ajay Anil,Gokul S Kumar	PEPPER SEGREGATOR	Agriculture & Allied Sectors

45	545	Veterinary care3	18032	College of Veterinary & Animal Sciences Mannuthy	Thrissur	Arunraj V,Nisna Niyas,Nakul P,Alaka Suresh,Suvarna Suresh	HERBAL ANIMAL SKINCARE PRODUCTS FROM TALLOW	Agriculture & Allied Sectors
46	550	Market and Poultry waste	15834	Sahrdaya College of Engineering and Technology	Thrissur	Anugraha V I,Megha Vincent,Alisha Babu,Saincy Maria Jensen	Key Thin - A Keratin based Bioplastic from Chicken Feathers	Solid, Liquid and Hazardous Waste Management
47	554	Horticulture	15829	Jyothi Engineering College	Thrissur	Joyal Varghese Jacob,Jose Joseph,Joshwin Emmanuel Johnson,Nihal Paul,Jishnu K	G - BotTake the best of all & grow it as one.	Agriculture & Allied Sectors
48	556	Agri Machinery	12183	Mar Baselios Christian College of Engineering & Technology	Idukki	Jobin Joseph,Adithyan K S,Anoop Nadarajan,Jisen T George	TUBER HARVESTER "An instrument for uprooting cassava using lever mechanism	Agriculture & Allied Sectors
49	562	Energy Conservation	15622	Kuriakose Elias College	Kottayam	Vaishnavi S,Amal T Azad,Anjitha M A,Athullya Prakash,Jobin Sunny	Fuel Synthesis from waste plastics	Post Pandemic Innovations
50	564	Occupation and Engagement	12142	S. H. College Thevara	Ernakulam	Anagha Stephen,Devika C P,Nirmal Shaji	Elderly wellbeing	Prob of Children & Aged in Kerala
51	573	Nutrition and Supplements	18049	Kerala University of Fisheries & Ocean Studies(KUFOS)	Ernakulam	Sharvin Shaji Paul,Soorya Gopan,Keerthana P S,Swathi Krishna K V,Shamini M S	MICRO-FATTY ACIDS- A MICRO ALGAE BASED OMEGA 3 FATTY ACID PRODUCT.	Agriculture & Allied Sectors
52	592	Health	15479	Toc H Institute of Science and Technology	Ernakulam	Aswathy Meria Peter,Bhagyasree S,Maria P Shaji,K P Manjulika,Nasrin Naseer K	ARDUINO BASED SMART ALARM CLOCK USING HYPNAGOGI A DETECTION	Assistive Technologies
53	626	Waste to Value	13027	VIMAL	Kannur	Najeeb	Pocket wood	Solid, Liquid

		replacing Single Use Plastic		JYOTHI ENGINEERING COLLEGE		Muhammad K G,Jishnu Prakash N P,Anarghnath K,Ashwin Ramesh Babu		and Hazardous Waste Management
54	634	Herbal formulations and different modes of administration	15695	Vaidyaratnam P.S.Varier Ayurveda College Kottakkal	Malappuram	Anaswara K ,Anjana G Sajikumar,Adwaita R,Akhila Unni,Amrutha K P	Ayurvedic Inhaler	Complementary & Alternative Medicine
55	635	Antiviral Mask	19519	National Institute of Technology Calicut	Kozhikode	Vishnu Parasad, Sathyaraj Sankarlal,Muhammed Hunize,Dr. Sandip Rudha Budhe	BIODEGRADABLE FACE SHIELDS	Post Pandemic Innovations
56	646	Organizational Model	15621	HENRY BAKER COLLEGE MELUKAVU	Kottayam	Abin Jose ,Suja Markose,Anjana Sadanadhan ,Richard James,Christy Elakannan	LAB VILLAGEO	Assistive Technologies
57	659	Mental Health Issues	12686	COLLEGE OF FINE ARTS KERALA THIRUVANANTHAPURAM	Thiruvananthapuram	Renjith R. V,Ashwati Kumari	Flame Buds	Prob of Children & Aged in Kerala
58	669	Waste to Value replacing Single Use Plastic	12521	St. Berchmans College Changanassery	Kottayam	Sijin Mathew ,Christo Kunjumon,Kishore S	Hayacol Paper	Solid, Liquid and Hazardous Waste Management
59	699	New product & product improvisation	18038	COLLEGE OF FOOD TECHNOLOGY	Thrissur	Anagha K E,Anit Rose Antony,Aysha Sherin K,Abdulla N A,Keerthana K V	Nutribar as a meal replacer	Business model innovation
60	701	Wildlife	482	IJMHS Kottiyoor	Kannur	Jinomon M J,Anoop Mathew	WILD ANIMAL DEFENDER	Climate Change and Disaster Management
61	704	Diabetes	18038	COLLEGE OF FOOD TECHNOLOGY	Thrissur	Anagha K E,Aysha Sherin K,Sandhrima M P,Keerthana K V	Coconut Shell Tea	Complementary & Alternative Medicine
62	706	Waste to Value	18049	Kerala	Ernakulam	Priya Maria	Water	Solid, Liquid

				University of Fisheries & Ocean Studies(KUFOS)		Vinesh,Muhammed Shibily L.S	Hyacinth	and Hazardous Waste Management
63	727	Wind	15763	college of Engineering Trivandrum	Thiruvananthapuram	Vivek V Kamal,Ananthan D Thampi,Afsal K F	Bearing Failure of Transmission systems in Electric Vehicle and Wind Turbine	Energy, E-Mobility and Renewables
64	735	Food waste	7854	Placid Vidya Vihar Senior Secondary school Chethipuzha	Kottayam	Anjali Gigi,Riya Anna Thomas	Bio-Bin	Solid, Liquid and Hazardous Waste Management
65	745	Educational Tools	15902	CANNANORE NO.II (KELTRON NAGAR.)	Kannur	Archana Vikas,Sreedutt Ram J,Nived C Rajesh	AR-Vision of future	Assistive Technologies
66	746	Education/Learning Innovation	7444	SBOA Public Senior Secondary School	Ernakulam	Akhila Sujith K,Abhinav Menon,Rudra Raj	Making Education Accessible	Prob of Children & Aged in Kerala
67	808	Mental Health Issues	15867	DM WIMS College of Pharmacy seeragar Meppadi Wayanad	Wayanad	Anusree Cv,Ps Mohammed Shahsad	Being ur Buddy	Prob of Children & Aged in Kerala
68	809	Critical Care Technology	15813	Shree Vidyadhiraja Homoeopathic Medical College	Thiruvananthapuram	Abhirami.J.V,Aswathy Krishna Anil,Rukhsana Sherief,Haiba.K, Manjima P.R	Innovative Emergency Box	Modern Medicine and Bio medical Technology
69	822	Marine fish culture	18049	Kerala University of Fisheries & Ocean Studies(KUFOS)	Ernakulam	Mary Divya B,G Jagadeesan	PRODUCTION & APPLICATION OF LUTEIN FROM MARINE MICROALGAE	Agriculture & Allied Sectors
70	824	Critical Care Technology	15460	ILAHIA COLLEGE OF ENGINEERING AND TECHNOLOGY	Ernakulam	Aarif D Yousuf,Mohammed Arshad M,Abruprasad,Tahira C B,Nusiba K.N	LOW COST EMERGENCY VENTILATOR SYSTEM	Modern Medicine and Bio medical Technology
71	841	New product &	690	Govt. H.S.S.	Kollam	Goutham	Multipurpose	Post Pandemic

		product improvisation		Anchalummodu		R,Pooja Gm,Adithyan Ps	Hydraulic System	Innovations
72	868	Process Innovation	10444	Govt.Polytechnic College Kalamassery	Ernakulam	Muhmmmed Jasir Pt,Muhsin Ali Km	RATION VENDING ROBOT	Business model innovation
73	869	Value Addition	18049	Kerala University of Fisheries & Ocean Studies(KUFOS)	Ernakulam	Roopa Rajan,Amrutha Prakash	COLLAGEN	Agriculture & Allied Sectors
74	872	Ayurvedic Herbal Drug Preparation	12642	Mar Athanasius College for Advanced Studies Thiravalla	Pathanamthitta	Anjali Murali,Aiswarya S Nair,Devika Pradeep,Anulek smi S,Anjana S	HERBAL WOUND HEALERS	Post Pandemic Innovations
75	873	Veterinary care4	18032	College of Veterinary & Animal Sciences Mannuthy	Thrissur	Abin Joy,Jeffrin K Philip,Muhammad Nafel S	The idea is the creation of an application for the farmers and pet owners to impart information regarding the animals. T	Agriculture & Allied Sectors
76	914	Veterinary care-Homeopathy	15634	GOVT. HOMEOPATHIC MEDICAL COLLEGE KARAPARAMBA	Kozhikode	Rahitha K,Hrishikesh S Kini,Aparna Mohan,Fathima Raniya	Homoeopathic intervention in Aquaculture & Animal Husbandary	Complementary & Alternative Medicine
77	921	Agro processing	18049	Kerala University of Fisheries & Ocean Studies(KUFOS)	Ernakulam	Harsha K G,Aryasree T A,Gopika M	DEVELOPMENT OF ARROWROOT STARCH EXTRACTOR	Agriculture & Allied Sectors
78	927	Agronomy	18285	ST. JOHNS SCHOOL	Pathanamthitta	Madhav Ajay,Abin Philip Anil,Ruben Sumith Mathew,Jeffi V Binu,Noel Binny Mathews	NAND Gate An innovative way of irrigation	Agriculture & Allied Sectors
79	930	Intensive Farming and Process Control Instrumentation	12123	MES COLLEGE MARAMPALLY	Ernakulam	Vishnu S,Lisha N,Neethu Krishna	A NOVEL METHOD FOR ADVANCED FISH FARMING IMPLEMENT	Agriculture & Allied Sectors

							ED USING ARM PROCESSOR	
80	954	Solar Distillation	10507	Government Polytechnic college Meenangadi	Wayanad	Chythra C,Chithra C,Ashlin Walter,Rithik P Ratheesh,Akshai K V	MR.Tech Designed for Future	Drinking water and water conservation
81	964	Energy Conservation	15544	LBS College of Engineering Kasaragod	Kasaragod	Ziad Nk,Mohammed Rafhath,Mohammed Rafeeq M.A	Auto Headlight Dimmer	Assistive Technologies
82	969	New product & product improvisation	19550	ST.JOSEPH HSS MELUR	Thrissur	Arjun Ranjith,Melbin T J,Abel Martin,Jerrin T Joby,Jibin Biju	DRUG DETECTION USING THE WEARABLE CHIP	Prob of Children & Aged in Kerala
83	971	Covid alert system	15627	KMCT ENGINEERING COLLEGE MASSERY MUKKAM.	Kozhikode	Vinu Balagopal A P,Ashique H M,Finu Shaheem	itoken	Assistive Technologies
84	984	Dental Care	15750	Pushpagiri College of Dental Sciences Medicity Perumthuruthy Thiruvalla	Pathanamthitta	Mekha Grace Varghese,Saranya Rajan	FSADM	Modern Medicine and Bio medical Technology
85	990	Mental Health Issues	12907	Govt College of Teacher Education Thiruvananthapuram	Thiruvananthapuram	Nirmal P Rajan, Ashitha T Kallany	Mind Box	Prob of Children & Aged in Kerala
86	993	Pharmaceutical	12864	INSTITUTE FOR COMMUNICATIVE AND COGNITIVE NEUROSCIENCES (ICCONS)	Thrissur	Rahna P,Sumitha P S,Kavya S Kumar,Aparna T,Safa M	Rapid PCR based test kit for screening multidrug resistance	Modern Medicine and Bio medical Technology
87	1025	Mechanical Energy Conversion	12282	MANNAM MEMORIAL NSS COLLEGE KOTTIYAM	Kollam	Anandhu M S,Amal R S	SWING-E	Assistive Technologies

				KOLLAM				
88	1055	Agronomy	8301	All Saints Public School and Junior College Pannuvizha	Pathanamthitta	Abhishek K Manu, Midhun Kunjumon	AGRO-SPACE	Agriculture & Allied Sectors
89	1064	Horticulture	7415	St. George E. M. L. P. S. Chully	Ernakulam	Josna P Bildan, Vandhana C S	VERTICAL FARMING	Agriculture & Allied Sectors
90	1085	New product & product improvisation	12208	MARIAN INTERNATIONAL INSTITUTE OF MANAGEMENT	Idukki	Megha Shaji, Jaice Jacob, Siju K Sabu, Albin Anto Philip, Selvin Sunny	My idea is to build an online platform from where their will be employees regarding plumbing, electrician, cocunut climber and some other jobs regarding repairing tv, other machines etc.	Business model innovation
91	1094	Horticulture	15827	Government Engineering College Thrissur	Thrissur	Shibin V K, Harikrishnan R U, Akshay Jyothis Cs, Shree Lakshmi Lanish, Anaswara K V	Pacha App	Agriculture & Allied Sectors
92	1104	Nutrition Supplements and Herbs	18033	College of Veterinary & Animal Sciences Pookode	Wayanad	Famida Sherin P T, Harsha Tk, Litty Elizabeth Louis, Yamuna Nandan Pk, Shyju Ollakkotte	Fodder and Feed	Post Pandemic Innovations
93	1110	Ocean	15763	college of Engineering Trivandrum	Thiruvananthapuram	Vivek V Kamal, Afsal K F, Kiran P, Ardra A K, Harikrishnan S	Hybrid TENG PENG system for Wave Energy Harvesting	Energy, E-Mobility and Renewables
94	1115	New product & product improvisation	15774	Rajadhani Institute of Engineering and Technology Nagaroor	Thiruvananthapuram	Abin Jose, Akhil Dev, Akhilendhu J N, Arjun Senthil Kumar, Animesh Ajay	Virtual Experiment Lab	Post Pandemic Innovations
95	1122	Mobility Aid	15768	Marian	Thiruvananth	Rohan, Aravind	ERGO	Assistive

				College of Engineering Kazhakkuttam Thiruvanthapuram.	apuram	Roy,Riya M Rashmi,Allan Joy	WHEELS	Technologies
96	1131	Mechanical Energy Conversion	15764	Government Engineering College Barton Hill	Thiruvananthapuram	Sajin S Dev,Joshwin T Rajan,Prajeesh P,Aditya S Kumar,Adarsh Manoharan	LOAD LIMITER	Assistive Technologies
97	1141	Thermal Energy Conversion	8301	All Saints Public School and Junior College Pannuvizha	Pathanamthitta	Abhishek K Manu,Amith Suresh	AGROSPACE	Assistive Technologies
98	1158	Fodder and Feed	18033	College of Veterinary & Animal Sciences Pookode	Wayanad	Nithin Raj V G,Abhina K S ,Jithy G J,Muhammed Yasir P,Famidha Sherin P T	Characterisation of locally available unconventional feeds and its potential use as livestock feed in the post pandemic scenario.	Post Pandemic Innovations
99	1174	Aquaculture	15622	Kuriakose Elias College	Kottayam	Rosiy Ann Jose,Niky Ann George,Ammu Mariam George,Devika Haridas,Anie Kuriyan	We are introducing a new alternative for plastic food wrappers. Air potatoes (Discorea Bulbifera) is the main component used.	Agriculture & Allied Sectors
100	1185	Horticulture	19519	National Institute of Technology Calicut	Kozhikode	Jugal Oommen Shibu,Kurian George P.	URBAN LEAVES	Agriculture & Allied Sectors
101	1191	Aquaculture app and IOT	7914	Markaz International School	Kozhikode	Ayisha Mukil,Aysha Zanha V V,Thamanna Shahanas A T,K. Shazwa Bichu,Lakshmi V P	Boat Sensor	Agriculture & Allied Sectors
102	1194	Processing, Sales and	15768	Marian College of	Thiruvananthapuram	Akhil M L,Athul	DESIGN FABRICATIO	Agriculture & Allied Sectors

		Marketing		Engineering Kazhakkuttam Thiruvanthapuram.		S,Aswanth V Pillai,Ananthkrishnan	N AND SIMULATION OF NANOFISH TROLLEY	
103	1200	Dental Care	15750	Pushpagiri College of Dental Sciences Medicity Perumthuruthy Thiruvalla	Pathanamthitta	Sheena S Raj,Ashwin Joseph	ANTI MICROBIAL EFFECT OF CATECHIN DOPED BIOACTIVE GLASS NANOPARTICLE (45s5) AS INTRACANAL MEDICAMENT ON ENTEROCOCCUS FAECALIS	Modern Medicine and Bio medical Technology
104	1251	Care for Children/Care Homes	17104	Malabar Christian College	Kozhikode	Anjali Krishnan P,Punya	RISE UP HOME (RUH)	Prob of Children & Aged in Kerala
105	1276	Depression-Homeopathy	15791	GOVT HOMOEOPATHIC MEDICAL COLLEGE	Thiruvananthapuram	Feba John,Sangeetha Gopan	Potential Homoeopathic substituent of SSRI in Treatment of Depression	Complementary & Alternative Medicine
106	1282	New product & product improvisation	15768	Marian College of Engineering Kazhakkuttam Thiruvanthapuram.	Thiruvananthapuram	H Avinash Iyer,Unni Kamal Harsh	WIRELESS CURRENTS	Post Pandemic Innovations
107	1289	Waste to Value replacing Single Use Plastic	18049	Kerala University of Fisheries & Ocean Studies(KUFOS)	Ernakulam	Reshma Chandran,Aarsha Subramanian, Helen Agnes,Saliha T S,Rekha R	Green Touch	Solid, Liquid and Hazardous Waste Management
108	1295	Orthotic Devices	15764	Government Engineering College Barton Hill	Thiruvananthapuram	Anna Mary Jose,Bimal Sreekumar,S. Gayathry,Akhil Raj R.	DESIGN AND DEVELOPMENT OF AN EXOSKELETON	Assistive Technologies
109	1300	Skin	15860	christ college (autonomous) irinjalakuda	Thrissur	Daiphi Davis,Amrutha Suresh	A NOVEL HERBAL SKIN MEDICINE FOR	Complementary & Alternative Medicine

							FUNGAL INFECTION, SCALING, FOOT CRACKING AND DRY SKIN DISEASES	
110	1311	Antiviral Mask	18049	Kerala University of Fisheries & Ocean Studies(KUFOS)	Ernakulam	Amala David,Nizam Ashraf,Uma C,Vinay Bhat	CARBON NANODOTS - AS A POSSIBLE BLOCKADE FOR BROAD SPECTRUM ANTIVIRAL OUTBREAKS	Modern Medicine and Bio medical Technology
111	1313	Agro processing	12991	A.K.G CO-OPERATIVE INSTITUTE OF HEALTH SCIENCES	Kannur	Fathimath Shaheera P S,Praveena P Nath,Jaseera M K,Reghana Gangadharan	Device for the sterilization of fruits and vegetables (Fruitoclave)	Modern Medicine and Bio medical Technology
112	1332	Occupation and Engagement	12904	GOVERNMENT COLLEGE FOR WOMEN	Thiruvananthapuram	Athira Krishnan I,Athira A P	ESTABLISHING ELDERLY SELF-HELP GROUPS IN KERALA	Prob of Children & Aged in Kerala
113	1334	Rescue Device	15764	Government Engineering College Barton Hill	Thiruvananthapuram	Shaino Sajimon,Gokul C M,Akhiljith K,Devanand A,Nayana S	Helping Hands	Climate Change and Disaster Management
114	1335	Entomology	12166	St.Terasas College Ernakulam	Ernakulam	Liba L Benser,Arya Devi V K,Ashitha Rajesh,Aishwarya Nair,Parvathi Haridas	Citrus peel to Biopesticide	Agriculture & Allied Sectors
115	1384	New product & product improvisation	19515	CHRIST COLLEGE OF ENGINEERING IRINJALAKUDA	Thrissur	Steve Austian,Austin S,Catherin Joji,Joseph Sam,Rajeswari P S	POLICE ROBOT-Full-fledged bot for Social Needs	Assistive Technologies
116	1392	Children with Special Needs - Issues and Solutions	15836	VIDYA ACADEMY OF SCIENCE & TECHNOLOGY	Thrissur	Nirmal Bino,Salax Sunny,Sagar Saajan T ,Sujith Sudhakaran K	ANXIETY INDICATION WATCH FOR AUTISTIC CHILDREN	Prob of Children & Aged in Kerala

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117	1406	Agronomy	19554	College of Engineering Trikaripur	Kasaragod	Gopika Chandran K,Hridya C K V ,Sreeraj K,Ashwin N V	BANANA PLANT PROTECTION DURING WIND AND RAIN	Agriculture & Allied Sectors
118	1412	Environment	12682	Christian college kattakada	Thiruvananthapuram	Arya A S,Athira C S,Arsha S S Kumar,Malavika V S	Landfills-A kingdom of rubbish	Climate Change and Disaster Management
119	1421	Devices for Physical Activity/Sports	15596	Rajiv Gandhi Institute of Technology	Kottayam	Basil Moncy,Don Cherian,Rephah O M,Adwaid Krishnan	Pararoutiner	Assistive Technologies
120	1438	Process Innovation	19522	Indian Institute of Space Science and Technology	Thiruvananthapuram	Arjun K S,Barath D	INTEGRATED JUNCTION ACCIDENT PREVENTION ENVIRONMENT	Business model innovation
121	1457	Mechanical Energy Conversion	12659	st Thomas College Ranny	Pathanamthitta	Emmanuel Tomy,Josin Chacko	Multi Type Portable Powerbank	Energy, E-Mobility and Renewables
122	1479	Care for Children/Care Homes	15766	LBS Institute of Technology for Women Poojappura Thiruvanthapuram.	Thiruvananthapuram	Annalekshmi S,Aleena Padmadas,Anjana Vijayan,Sruthy S Nair	PRENATAL CARE SYSTEM	Assistive Technologies
123	1486	Veterinary care5	18032	College of Veterinary & Animal Sciences Mannuthy	Thrissur	Jeffrin K Philip,Muhammad Nafel S ,Anees Ibrahim,Anand J R,Abin Joy	Safe AI	Agriculture & Allied Sectors
124	1512	New Medical Devices	19523	Dept. Biotechnology & Microbiology	Kannur	Nimisha Vijayan P,Mousumi Das M	Fibrinolytic and anti-inflammatory enzyme (PEKU1) based wound debriding hydrogel preparation- A strategy for long term wound healing	Modern Medicine and Bio medical Technology
125	1514	Homeo	15813	Shree	Thiruvananthapuram	Minna H	Software	Post Pandemic

		Healthline		Vidyadhiraja Homoeopathic Medical College	apuram	Kabeer,Steniya Antony	Application CHOOSE BEST TREATMENT For NCD's	Innovations
126	1517	New Inoculum & microbiological methods	158	S. N. V. Sanskrit H. S. S. North Paravoor	Ernakulam	Gautham S,Shivalal K M	BLACK SOLDIER FLY LARVAE	Post Pandemic Innovations
127	1530	Agronomy	15839	COLLEGE OF HORTICULTURE KERALA AGRICULTURAL UNIVERSITY	Thrissur	Nafid C,Gowtham Koyilath,Bijula M S,Thomas Kk	FARM MACHINERY POOLING	Post Pandemic Innovations
128	1542	Entomology	15827	Government Engineering College Thrissur	Thrissur	Laya Rachel Prasad,Jishnu Suresh,Navaneeth Krishnan P,Amal Francis	AgriSecure	Agriculture & Allied Sectors
129	1555	Environment	17647	GOVT. ITI PANNIYAN NORE	Kannur	Anagha P P,Suvarna K P,Anaswara Anand A K,Nihana K T K	THE BENDABLE CONCRETE - ENGINEERED CEMENTITIOUS COMPOSITE WITH PVA FIBRES	Climate Change and Disaster Management
130	1559	Farmstead equipments	18040	Kerala Veterinary and Animal Sciences University	Wayanad	Sanya Bobby,Ashitha R,Swathish V S,Rony S Emmanuel,Noufal A	DESIGNING AND STANDARDIZATION OF A MODIFIED VAGINAL SPECULUM FOR VIDEO AIDED INSEMINATION IN GOATS	Agriculture & Allied Sectors
131	1568	Agriculture Marketing	15482	School of Engineering Cochin University of Science and Technology	Ernakulam	Abhijith P M,Hisham R S,Gaurav Pareek,Abheek Aryan	ONLINE COLLABORATIVE BUSINESS OF SPICES	Agriculture & Allied Sectors
132	1575	Palliative Care	12682	Christian college kattakada	Thiruvananthapuram	Ms. Manasi Krishnan,Greena V.S.,Guja J.B.	Nano Drug Coated Bandage for	Prob of Children & Aged in Kerala

							Arthritis	
133	1578	New product & product improvisation	7415	St. George E. M. L. P. S. Chully	Ernakulam	John Biju,Dixon Benny,Anand Babu	HELMET COOLING SYSTEM	Business model innovation
134	1612	New product & product improvisation	15678	INSTITUTE OF ENGINEERING AND TECHNOLOGY CUIET KOHINOOR	Malappuram	Abdul Basith M,Abin K	AUTOMATED PAINTING SYSTEM	Assistive Technologies
135	1622	New product & product improvisation	15768	Marian College of Engineering Kazhakkuttam Thiruvananthapuram.	Thiruvananthapuram	Milan Dileepkumar,Rahul Ajith M,Sanjay J Kumar,Gautam Anil T,Sreehari G M	THE IDEA OF POCKET SIZED TOTAL STATION	Business model innovation
136	1652	Computer Software and Hardware	17456	Department of Psychology University of Kerala	Thiruvananthapuram	Alwin Paul Alias ,Anjana K B,Nikhil Zebukumar	User-friendly-Queer Affirmative-Mental Health App : MiQueer	Assistive Technologies
137	1665	Health	15617	Bishop Chulaparambil Memorial College Kottayam	Kottayam	Arlin Philip Mani,Sneha. C. Madhu,Jyothi Rejimon	ADDRESSING THE PROBLEM OF SEVERE ACUTE MALNUTRITION THROUGH INDIGENOUS PRODUCTION OF READY TO USE THERAPEUTIC FOOD (RUFT)	Prob of Children & Aged in Kerala
138	1675	Sales and Marketing	19554	College of Engineering Trikaripur	Kasaragod	Kavya P K,Anannya P M,Krishna K V	POULTRY FARM PORTAL	Agriculture & Allied Sectors
139	1687	New Medical Devices	15834	Sahrdaya College of Engineering and Technology	Thrissur	Linta Johnson,Ranjana R Gupta,Sahla. N.M.,Irene Mariam Jacob	Laccase based Biosensor for detection of Xenobiotic compounds	Modern Medicine and Bio medical Technology
140	1722	Agricultural Engineering	19527	College of Agriculture Ambalavayal	Wayanad	Divya William,Fathima Shirin,Mohsina O V,Sulthana	PLANT CUBE with GROW PAD	Post Pandemic Innovations

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141	1726	New product & product improvisation	12862	NSS COLLEGE OF ENGINEERING PALAKKAD	Palakkad	Jithin P,Ramzeena M,Novin Antony,Sanal Kumar A R,Sreerag K R	MODIFIED PVC CUTTER	Assistive Technologies
142	1736	Pathology	19538	SAFI Institute of Advanced Study	Malappuram	Tasneema Abdul Jabbar,Rinsha Perur,Ninsha Perur	Developing endophytic bioinoculants against Panama disease of banana plants	Agriculture & Allied Sectors
143	1737	Smart Bins & IOT systems	15873	Pazhassiraja College	Wayanad	Shikhin P V,Akshaya T S,Sandra Maria,Jeslin Maria Johnson,Ayda Aspin Abraham	ROBObin	Solid, Liquid and Hazardous Waste Management
144	1759	Agronomy	2340	St Aloysius High School N .Paravur	Ernakulam	Abhijith C A,Abhay V Madhu,Abhinav Praveen	Advanced Farming Techniques For Pokkali Cultivation”	Agriculture & Allied Sectors
145	1772	Collection and Seggregation System	15440	Sree Buddha College of Engineering	Alappuzha	Ajmal Sha Ansari,Anusha Krishnakumar Nair,Anoop S Nair,Jobiya C Jhonson,Vignes h S N	SCRAP BOX	Solid, Liquid and Hazardous Waste Management
146	1784	New product & product improvisation	15829	Jyothi Engineering College	Thrissur	Christo Kollannur,Christo Varghese,Alin Ros David	EstRover Autonomous Robot Platform	Business model innovation
147	1797	Herbal formulations and different modes of administration	15695	Vaidyaratnam P.S.Varier Ayurveda College Kottakkal	Malappuram	Robin Vincent,Achanya T C	AUTOMATIC AYU MICROBE REPELLENT	Complementary & Alternative Medicine
148	1818	Agri Machinery	15466	MARATHANASIS COLLEGE OF ENGINEERING KOTHAMANGALAM	Ernakulam	Harikrishnan U,Joyal George,Ciya Sara Vijoy,Jerin S R	PINATECH – A Simple Pineapple Harvester	Business model innovation
149	1844	Care for elderly and care homes	12682	Christian college	Thiruvananthapuram	Anchima B K,Abhirami	Problems of elderly	Prob of Children &

				kattakada		Ss,Kavya J B,Greeshma Mohanan		Aged in Kerala
150	1876	Entomology	19575	M S Swaminathan Research Foundation- Community Agrobiodiversity Center	Wayanad	Kuriakose Junior,Harikrishnan K S,Deepak K	Assessment of phenological changes of selected trees and changes in ecosystem services with response to climate change at Wayanad	Agriculture & Allied Sectors
151	1881	Agronomy	15780	COLLEGE OF AGRICULTURE VELLAYANI	Thiruvananthapuram	Vishnu A K ,Jils Jestas ,Kesavanath Sreekumar K,Rahul Krishna B L ,Sailesh Kumar S	Floating Garden Eradication Of Invasive Weeds Through Periodic Utilization	Agriculture & Allied Sectors
152	1908	New product & product improvisation	12683	CHRIST NAGAR COLLEGE	Thiruvananthapuram	Krishna Bala M V,Divya Shaji,Goutham Venkitachalam, Mohammed Althaf H M,Krishna Varsha M V	Share a meal	Prob of Children & Aged in Kerala
153	1944	Precision farming	15479	Toc H Institute of Science and Technology	Ernakulam	Vg Balabhaskar,Anandpadmanabhan S,Paul Abraham Vatakencherry, Ram Govind P,Deepu K Aji	Remote sensing at your fingertips	Agriculture & Allied Sectors
154	1945	Process Innovation	17456	Department of Psychology University of Kerala	Thiruvananthapuram	Gayathry A,Joanna James,Muhammed Favas P,Jeneesha Ponnu George	Mental Health app	Assistive Technologies
155	1949	Patient care	15544	LBS College of Engineering Kasaragod	Kasaragod	Sreenivas Pai,Amal,Varun Vinay	E – Blood Bank	Assistive Technologies
156	1968	Children with Special Needs - Issues and Solutions	12864	INSTITUTE FOR COMMUNICATIVE AND COGNITIVE	Thrissur	Sruthy Mohanan,Ayisha Sulfinas P K,Fathima Shafna C	DEVELOPMENT OF APD TEST IN MALAYALAM	Prob of Children & Aged in Kerala

				NEUROSCIENCES (ICCONS)				
157	1975	Agronomy	10243	St Johns H. S. Kurumannu	Kottayam	Abhijith Madhu,Anugrah S Thoppil	GRASS CUTTER ROBOT	Agriculture & Allied Sectors
158	2006	Process Innovation	12862	NSS COLLEGE OF ENGINEERING PALAKKAD	Palakkad	Mohamed Saheer Marakathel,Akhil Raj P	E-STOVE	Assistive Technologies
159	2007	Farmstead equipments	15598	St. Josephs College of Engineering and Technology Palai	Kottayam	Sanju Xavier,Akshara S Khalesh,Arjun B,Joel Jacob Jose	FULLY AUTOMATIC RABBIT FARM	Agriculture & Allied Sectors
160	2009	Covid alert system	12213	N S S college Rajakumari	Idukki	Akhil Surendran,Febin K Joseph,Anagha Shaji,Siril Johny,Anandhan J	SMART PRO	Post Pandemic Innovations
161	2044	Occupation and Engagement	17639	ITI Kalpetta	Wayanad	Kunjuraman G,Sarath K M	HELP THE ELDERLY SO THAT THEY CAN HELP THEMSELVES	Prob of Children & Aged in Kerala
162	2099	Water Recycling	2340	St Aloysius High School N.Paravur	Ernakulam	Edwia Sebastian,Krishnendu V S	DRINKING WATER,WATER CONSERVATION AND MANAGEMENT	Drinking water and water conservation
163	2110	Fumigation	15788	Govt Ayurveda College Thiruvananthapuram	Thiruvananthapuram	Thanzal Tr,Ralchim Karakat,Basuri P B,Anu Sagar,Sigma Baby	APARA - PURE , We introduce a range of air disinfectants that are made out of ayurvedic formulation that is well proven against wide range of pathogens	Complementary & Alternative Medicine
164	2123	Wind	19522	Indian Institute of	Thiruvananthapuram	Devashish Bhalla,Dhruva	AirMat-Design of an	Energy, E-Mobility and

				Space Science and Technology		Anantha Datta, Divyansh Prakash, Rishin Aggarwal, Yugal Joshi	aerodynamic AirMat for efficient conversion of wind energy to electrical energy for improving self-reliability of electric cars	Renewables
165	2156	Collection and Segregation System	16318	Indian Institute of Technology Palakkad	Palakkad	Sai Meghana Mullapudi, Mahitha Avirneni, Jasir K, Gautham Giri, Rithika Gangishetty	CRABIBOT	Solid, Liquid and Hazardous Waste Management
166	2176	Computer Application	15763	college of Engineering Trivandrum	Thiruvananthapuram	Anand Christudas, Jose Baiju K, Karthika V, Shalin Simon	MoneyPlant - An online platform where farmers, land owners, Investors and Customers meet to form an Agripreneurial venture	Agriculture & Allied Sectors
167	2192	Mobility Aid	12824	MEA ENGINEERING COLLEGE CHEMMAN IYODE	Malappuram	Mohammed Mansoor Pv, Mohamed Shakeer Kv, Mohamed Uvaize P, Amjad Marathumpally	HBW-0.1 (HUM-BOT WHEELCHAIR)	Assistive Technologies
168	2198	New Medical Devices	15566	T.K.M. Institute of Technology.	Kollam	Kavitha Jacob, Parvathy B Anil, Reshma K Kathires, Anumol A	INTERNALLY RECHARGABLE PACEMAKER CHARGING USING BODY ENERGY	Modern Medicine and Bio medical Technology
169	2213	Electric Vehicle	12862	NSS COLLEGE OF ENGINEERING PALAKKA	Palakkad	Azeeb C Rusthique, Amal K, Farzeen K A, Mohammed Dilkush M P	DUAL MOTOR - ELECTRIC VEHICLE TEST RIG	Energy, E-Mobility and Renewables

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170	2222	New product & product improvisation	15469	MES COLLEGE OF ENGINEERING & TECHNOLOGY KUNNUKARA.	Ernakulam	Raghav Umesh,Sreyas. A,Joel John,Muhammed Shafi M	SmartWheel A self shape-size-changing wheel.	Business model innovation
171	2227	Agronomy	15863	Government Engineering College Wayanad	Wayanad	Ashmika K,Basil Reji,Mohammed Arif P,Anusha Suresh Vm,Binoy Ss	PULSE 2.0	Agriculture & Allied Sectors
172	2230	Computer Software and Hardware	13023	Government College of Engineering Kannur	Kannur	Rajeesh M,Shilpa K,Aleesha M	MICRA	Assistive Technologies
173	2232	New product & product improvisation	1109	K. H. M. H. S. Alathiyur	Malappuram	Mohammed Simal M,Nashwa M,Aditya Menon,Deepu K	Welcome to Smart room	Assistive Technologies
174	2257	New product & product improvisation	15454	Adi Shankara Institute of Engineering and Technology	Ernakulam	Dilna Vinod,Arya Paul,Austin Francis,Anila Shenoy,Anusree S M	DRIXPA :- An automated intravenous drip system	Assistive Technologies
175	2276	New product & product improvisation	10377	BHAVANS ADARSHA VIDYALAYA	Ernakulam	Amita G,Sreenandana Vinoj,Nirupama ,Aniketh Ag,Sreenanditha Vinoj	HERBAL SANITARY NAPKIN	Prob of Children & Aged in Kerala
176	2289	Energy Conservation	15479	Toc H Institute of Science and Technology	Ernakulam	Vandana S,Baby Xavier Thomas,Aneesh a A,Aavani K U	DURABLEX concrete	Energy, E-Mobility and Renewables
177	2296	Crop Protection	12862	NSS COLLEGE OF ENGINEERING PALAKKAD	Palakkad	Vishnu P,Nishanth S Kumar,Pranav T,Vishnu V	WILD ANIMAL INTRUSION DETECTION	Agriculture & Allied Sectors
178	2298	Care for Children/Care Homes	15662	FAROOK COLLEGE (AUTONOMOUS)	Kozhikode	Rajuva,Mirsha Fathima Kt,Muhammed Irfan Kp,Shibla Mc,Husna Mundambra	SCOLIOSIS	Prob of Children & Aged in Kerala

179	2299	New product & product improvisation	15482	School of Engineering Cochin University of Science and Technology	Ernakulam	Anseel Ameerudheen,A lister Augustine D'Cruz,Uday Sankar,Treesa Rose K Sani	UV BASED BIOMETRIC STERILIZATION SYSTEM	Post Pandemic Innovations
180	2319	Mobility Aid	13027	VIMAL JYOTHI ENGINEERING COLLEGE	Kannur	Ashly K P,Devika K,Nivedya Susil	Peer Tracking And Collision Free Navigation For Visually Impaired Person	Assistive Technologies
181	2326	Agri Machinery	15466	MARATHANASIS COLLEGE OF ENGINEERING KOTHAMANGALAM	Ernakulam	Binil John,Kiran Chand,Gregory M Abraham,Brn Elias Prasad	AUTOMATED PEPPER THRESHING, GRADING & DE-SKINNING MACHINE	Agriculture & Allied Sectors
182	2329	New product & product improvisation	15459	Federal Institute Of Science And Technology (FISAT)	Ernakulam	Anith Sabu Kuriakose,Alan Sabu Kuriakose	ASSISTEX Autonomous Glove Suiter & Storage Device	Assistive Technologies
183	2338	Upcycling	12246	St.pius X college Rajapuram	Kasaragod	Athul B V,Sarath M,Subin M V,Akash M G,Mridhula P M	Green Hub	Solid, Liquid and Hazardous Waste Management
184	2364	Aquaculture app and IOT	18049	Kerala University of Fisheries & Ocean Studies(KUFOS)	Ernakulam	Akshay B K,Sarang K S,Alan Ben Shah Y,Eldho J Paul,Sahya Narayanan S	Affordable Water Analysis Multimeter	Agriculture & Allied Sectors
185	2365	Debris and Construction waste	15766	LBS Institute of Technology for Women Poojappura Thiruvanthapuram.	Thiruvananthapuram	Minuleksmi M S,Devu B Warriar,Aryakrishna S ,Revathy S Vijayan	REUSE POTENTIAL OF SAND WASTE FROM CERAMIC INDUSTRIES	Solid, Liquid and Hazardous Waste Management
186	2371	New product & product improvisation	12711	IES COLLEGE OF ENGINEERING CHITTIAPPILLY	Thrissur	Ajmal C R,Jiyarose Joy.V,Hiba Hussain	NAPKIN VENDING MACHINE	Assistive Technologies
187	2372	Electromagnetic Conversion	15454	Adi Shankara	Ernakulam	Khadeeja Beevi Ma,Sanjana	REPULSION GENERATOR	Energy, E-Mobility and

				Institute of Engineering and Technology		Rose,Antreesa Poulouse,Amal Prakash,Ayyappan		Renewables
188	2381	Waste to Value	15766	LBS Institute of Technology for Women Poojappura Thiruvanthapuram.	Thiruvananthapuram	B Gadha Gopan,Anzi K,Vyshnavi S,Sradha S	REUSE OF TREATED EFFLUENT IN CONCRETE	Solid, Liquid and Hazardous Waste Management
189	2411	Agri Machinery	15590	Amal Jyothi College of Engineering	Kottayam	Balagopal R,Bibil Jose,Anandu Anilkumar,Asish S Nair	Pineapple Sapling Winding Machine	Agriculture & Allied Sectors
190	2418	Child Abuse	15692	MIMS College of Nursing Malappuram	Malappuram	Arifa T N,Theerthap Krishna	EFFECTIVENESS OF MULTI-INTERVENTIONAL PACKAGE ON KNOWLEDGE REGARDING PREVENTION OF CHILD MOLESTATION AMONG PRIMARY SCHOOLCHILDREN	Prob of Children & Aged in Kerala
191	2423	Mental Health - Issues/Solutions	10411	ST.MARYS EM SCHOOL	Kozhikode	Arshya Koushith Raj,Mehul B Sujith,Srishti Vineeth,Neal Santhosh	Problems Faced by Adolescents	Prob of Children & Aged in Kerala
192	2427	Plant breeding	15827	Government Engineering College Thrissur	Thrissur	Deepthy Girip,Sreeyuktha,Sreya Mathew,Aparna Visakh	INLAND SEAWEED CULTIVATION TECHNIQUE	Agriculture & Allied Sectors
193	2431	Wind	15763	college of Engineering Trivandrum	Thiruvananthapuram	Roshith S,Thejus P Adithya,Aparna Abraham,Dhanesh D Prabhu ,Abhishek Jayachandran	Predictive Maintenance of Wind Turbines	Energy, E-Mobility and Renewables
194	2438	Cognitive Aid	15829	Jyothi Engineering College	Thrissur	Rishikesh V,Sreekanth P,Ullas S,Vani	Image to Braille Converter	Assistive Technologies

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195	2442	Marketing	12538	St. Thomas College of Teacher Education, Pala 686 575	Kottayam	Athira P S ,Anita Mathew,Bhanupriya R ,Anjumol S	Milma Karshaka App	Agriculture & Allied Sectors
196	2445	Veterinary care	15466	MARATHANASI US COLLEGE OF ENGINEERING KOTHAMANGALAM	Ernakulam	Siva Anand ,Ahamed Nihal T A ,A P Ananthakrishnan,Rohith Krishnan	A mechanical vibration exciter to deter elephant intrusion	Agriculture & Allied Sectors
197	2454	Electromagnetic Conversion	18045	Mahathma Gandhi university	Kottayam	Suji Mary Zachariah,Abhimanu Tharayil	SUSTAINABLE POLYMERIC COMPOSITE S FOR ELECTROMAGNETIC INTERFERENCE SHIELDING	Energy, E-Mobility and Renewables
198	2465	Process Innovation	15544	LBS College of Engineering Kasaragod	Kasaragod	Akarsh S Shetty,Jareer K,Nikhil N,Ziad Nk,Null	Morse Code to English Translator using Finger Gesture Recognition	Modern Medicine and Bio medical Technology
199	2466	Ayurvedic Herbal Drug Preparation	15834	Sahrdaya College of Engineering and Technology	Thrissur	Sangeetha Gopal,Sumi Maria Babu	Development of an ethnobotanical bio preservative	Complementary & Alternative Medicine
200	2489	Agriculture Extension	12207	Marian College Kuttikanam	Idukki	Sonet Sunny,Jisart Jolly,Dan Varghese John,Jestin Raju Samuel	AGVENTURE A POCKET OF SPICES	Agriculture & Allied Sectors
201	2492	Electric Vehicle	17968	SREECHITRA THIRUNAL COLLEGE OF ENGINEERING	Thiruvananthapuram	Yadu S Chandran,Sreelesh S L,Niyasudeen Mohamed N,Sriram P Iyer	SMART EV CHARGING STATION WITH RESERVATION SYSTEM USING IoT	Energy, E-Mobility and Renewables
202	2494	Food Technology	15834	Sahrdaya College of Engineering and	Thrissur	Sumi Maria Babu,Sangeetha Gopal,Dr Leon Ittiachen	NANOSEAL PACKS Seal with silver...Seal	Agriculture & Allied Sectors

				Technology			for future...	
203	2495	Computer Software and Hardware	15834	Sahrdaya College of Engineering and Technology	Thrissur	Govind T,Silpa M U,Jerin Johnson,Theres Palatty	RAEDA	Assistive Technologies
204	2497	General	13016	University College of Engineering Muttom Thodupuzha Idukki	Idukki	Bibin Sajan,Anandu Ajayan,Ajith P Mangottil,Shahin Nasir,Mariyam Aji	Semi-Automatic jaggery making machine	Traditional Industries
205	2503	Thermal Energy Conversion	17799	vimala College(Autonomous) Thrissur	Thrissur	Santhi Maria Martin,Kavyalakashmi M S,Swathy S,Fabi Franciss,Hridya S	WE Tapping Heat Energy from Incineration	Energy, E-Mobility and Renewables
206	2520	Covid Protection devices	15763	college of Engineering Trivandrum	Thiruvananthapuram	Sreelakshmi K.,Parvathy Krishna J,Neeraj K B,Kannan Karippayil	COOL KIT	Post Pandemic Innovations
207	2530	Pharmacy	15645	Malabar Medical College Hospital and Research Centre	Kozhikode	Deepthi Anna Cherian,Jakshmi	FORMULATION OF A TOPICAL MEDICATION USING ACORUS CALAMUS AND CYPEROUS ROTUNDUS FOR DENTAL AILMENTS	Complementary & Alternative Medicine
208	2536	Cognitive Aid	10471	HJM JDT ISLAM POLYTECHNIC	Kozhikode	Dilsha T,Keerthana K V,Lubna C Thasneem C K,Adithya A N,Abhirami K	A solution for blind people to navigate around places	Assistive Technologies
209	2537	Precision farming	10478	Govt.Polytechnic college Perinthalmanna	Malappuram	Thejas. P,Vijay. P,Muhammed Shiyas. P,Muhammed Althas. P,Salim Umer	Farm TECH - An automated layered structure or farming to troubleshoot human work and space limitation .	Agriculture & Allied Sectors
210	2543	Process Innovation	12278	Mar Thoma College of	Kollam	Harikrishnan. Am,Devesh Ms	EMERGENCY	Assistive Technologies

				Science & Technology			VEHICLEALERTING AND PATIENT MONITORING SYSTEM.	
211	2572	Health	15529	Academy of Pharmaceutical Sciences Pariyaram Medical College Campus Pariyaram Medical College -P.O Kannur	Kannur	Ramya C ,Swathy Kk,Sourav K	Herbal Toothpaste to Prevent Dental Black Stain in Children	Prob of Children & Aged in Kerala
212	2577	Neurology	15505	Nirmala College of Pharmacy, Muvattupuzha - 686 661	Ernakulam	Sreevidya Venugopal,Dr. Manju Maria Mathews	FORMULATION AND EVALUATION OF TOPICAL BACLOFEN NANOEMULGEL FOR LOCALIZED NEUROPATHIC PAIN	Modern Medicine and Bio medical Technology
213	2599	Process Innovation	13027	VIMAL JYOTHI ENGINEERING COLLEGE	Kannur	Noyal Jose,Nakul Ganesh,John Tomy,Kiran Joseph,Muhammed Hanan Fazal	EMERGENCY VEHICLES TRAFFIC LIGHT SYSTEM	Assistive Technologies
214	2603	Agri Machinery	15590	Amal Jyothi College of Engineering	Kottayam	Mathews Joy,Jewel Jose,Levin Davis Mani,Neethu Alphonsa Jose	CARDAMOM CLEANING MACHINE (CONTINUOUS TYPE) A simple machine to clean cardamom crops without any damage	Agriculture & Allied Sectors
215	2640	Child Care Innovation	18228	Mithra Central School	Kollam	Agasthyan Ps,Aarshananda G Krishna	AUTOMATIC PROTECTION BELT FROM WATER ACCIDENTS	Prob of Children & Aged in Kerala
216	2649	Agriculture	19538	SAFI	Malappuram	Govind K	Solar Powered	Agriculture &

		Extension		Institute of Advanced Study		Sathyan,Banafsha Binth Ali,Shabana Shabnam K P	Hydroponic System for Leafy Vegetable Cultivation in College Campus	Allied Sectors
217	2651	Patient care	15590	Amal Jyothi College of Engineering	Kottayam	Vighnesh Krishna,Josekutt y Mathew,Daniel Joseph,Subin Babu	MEDI-HAND	Post Pandemic Innovations
218	2670	New product & product improvisation	10494	Central Polytechnic College Trivandrum	Thiruvananthapuram	Balu Nair V,Muhammed Noufal S,Geethu B,Parvathy A S,Amalkrishnan V	THE TRAVEL SOLUTION HASSLE FREE PUBLIC TRANSPORT	Business model innovation
219	2671	Veterinary care	18033	College of Veterinary & Animal Sciences Pookode	Wayanad	Mohamed Musafural Islam Kk,Shajeem Kp	DOWNER COW SUPPORTIVE TREATMENT USING MATTRESS	Agriculture & Allied Sectors
220	2672	New Medical Devices	15848	JUBILEE MISSION COLLEGE OF NURSING, THRISSUR	Thrissur	Jocy Joseph ,Sandra Shaju	AUTOMATIC ORAL MEDICATION ADMINISTRATION DEVICE (AOMAD)	Post Pandemic Innovations
221	2683	Medical waste and Incineration	15848	JUBILEE MISSION COLLEGE OF NURSING, THRISSUR	Thrissur	Sneha P X,Sona K Sabu,Navya Margaret Mathew	Eco-belly - An eco friendly innovation to minimize the spread of infections.	Solid, Liquid and Hazardous Waste Management
222	2692	Environment	12181	College of Engineering Munnar	Idukki	Amalraj K,Amal Mathew,Nikit Shankar K	Automatic Rain Gauge and Landslide prediction using IOT LoRaWAN	Climate Change and Disaster Management
223	2701	New product & product improvisation	15829	Jyothi Engineering College	Thrissur	Basith Ali,Evin B Thaikkatil,Rohan George John,Haggin C Sajeev,Jothis R Daas	Antipirate	Assistive Technologies
224	2705	New product &	15440	Sree Buddha	Alappuzha	Anandu	RUCKSACK	Business

		product improvisation		College of Engineering		Aravind,Abhijith R Shaji,Arjun A ,Aswanth S	THERMO CONTAINER	model innovation
225	2742	Fuel Cell	12885	Govt. Victoria College	Palakkad	Jeslin Joy,Nayana. K	Hydrogen evolution reaction (HER) technology by MoS2 for sustainable energy	Energy, E-Mobility and Renewables
226	2744	New product & product improvisation	15590	Amal Jyothi College of Engineering	Kottayam	Aneesh Jose,Afif C. Ashraf	Personalized and Automated Tailoring System	Traditional Industries
227	2751	Plastic waste management	462	KPCHSS PATTANUR	Kannur	Ameesha. V. Manoj,Jenny. K. C	Bio degradable sanitary napkin – A comfort friend	Solid, Liquid and Hazardous Waste Management
228	2755	Flood Management	15534	COLLEGE OF NURSING THALASSERY	Kannur	Fiyas A S,Akash Chandran V P	Amphi-Stretcher , Adapted stretcher to use in water and land emergencies	Climate Change and Disaster Management
229	2767	New Medical Devices	17153	Sullamussalam Science College,Area code,Malappuram	Malappuram	Sabeerali K.P,Abdul Muhaimin T.,Muneer V.K,Saleena T.S	MedAi AI-Powered Semantic Segmentation and Fluid Volume Calculation of Lung CT images in Covid 19 Patients	Modern Medicine and Bio medical Technology
230	2784	Water Conservation	12183	Mar Baselios Christian College of Engineering & Technology	Idukki	Justin Eapen George,Cyril C. Thomas	DENSE	Drinking water and water conservation
231	2812	e-waste management	17058	National Institute of Electronics and Information Technology (NIELIT)	Kozhikode	Varun Mohan,Darsan K Pradeep,Nabeel Sabique P,Aswan N M,Anjaly Das	Reverse pick and placemachine	Solid, Liquid and Hazardous Waste Management
232	2835	New product & product	12797	HOLY CROSS	Kozhikode	Ajisha Alex,Sanofar	PRAMATI Pramati, is a	Business model

		improvisation		INSTITUTE KOZHIKKO DE		Khan,Theresh Augustin,Jismi C Johnson,Sneha K	project that deals with the utilization of fabric waste to create innovative product like jewelry.	innovation
233	2836	New Medical Devices	15706	Govt. Engineering College Sreekrishnap uram	Palakkad	Sulaiman Pm,Drishya Kv,Anees A,Rasmi Kr	AUTOMATIC RESUCTITA TOR	Post Pandemic Innovations
234	2851	Dental Care	15655	Sree Anjaneya Institute of Dental Sciences	Kozhikode	Joseph Johny,Sudeep Cb,Rohit Raj,Shadul Nabhan T	DENTODIAG NOSTIK NEXT- GENERATIO N DENTAL SERVICE	Post Pandemic Innovations