



Approved List of Projects-IICE-2019

	Exhibit/Project Title:	Section applied:	Key Contact Person
IICE#2	Remote Monitoring System for Real-time, Multi-patient Cardiac Data Using Wearable Pulse Sensors	Robotics, Embedded Systems & Emerging Technologies	Dr.Sasani Jayawardhana
IICE#5	Office Assistant Robot (OABot)	Robotics, Embedded Systems & Emerging Technologies	Dr. Ravindra De Silva
IICE#6	StyleMe: Virtual Dressing Room	Robotics, Embedded Systems & Emerging Technologies	Prof.Gayan Meegama
IICE#7	Automated Soil Collection ROBOT (ASC-BOT)	Robotics, Embedded Systems & Emerging Technologies	Dr.Ravindra Silva
IICE#9	Development of a seaweed based snack from selected seaweed varieties in Sri Lanka	Food & Agriculture	Dr. M.P.G Vanniarachchy
IICE#10	Fix the Circuit : Virtual Reality platform for learning Electronics	Robotics, Embedded Systems & Emerging Technologies	Dr.Sasani Jayawardhana
IICE#11	Coordinated Multi Point Traffic Management System for Smart Cities	Smart Cities and Sustainable Development	Dr. Nishan Dharmaweera
IICE#12	Get organized and maximize your productivity		Mr.Harindu Dilshan Weerakkody
IICE#13	"Digi-Nose": IoT based Aroma Detection Unit for the black tea fermentation.	Robotics, Embedded Systems & Emerging Technologies	Dr. Indika Wanniarachi
IICE#14	Project A.S.I(Artificial Self-Consciousness)	Robotics, Embedded Systems & Emerging Technologies	Mr. G.B. M. R. De Silva
IICE#15	Sahurdya/Brotherhood: Music of the World Music Album	Media, Mass communication and Creative Arts	Prof.Darshan Pradeep Ratnayake
IICE#16	VAGO Smart Home: Home Automation System	Robotics, Embedded Systems & Emerging Technologies	Dr.Indika Wanniarachchi
IICE#17	MR. BIN CLEANER : A Smart waste management system	Energy & Environment	Dr. Nishan Dharmaweera
IICE#18	Anika/ The Other: Sinhala short stories in translation	Media, Mass communication and	Ms.Madhubhashini Disanayaka Ratnayake



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		Creative Arts	
IICE#19	Effective Elephant-Train Collision Prevention System	Robotics, Embedded Systems & Emerging Technologies	Dr. Nishan Dharmaweera
IICE#20	Design and Construct a Low Cost Solar Water Heater	Energy & Environment	Dr.Dinesh Attygalle Dr.Lilani Atygalle
IICE#21	Isolation of silica and cellulose and synthesis of carboxymethyl cellulose from traditional rice husk	Food & Agriculture	Dr.Pahan Indika Godakumbura
IICE#22	Development of a ready-to-eat vegetarian rice based cereal bar from traditional rice varieties	Food & Agriculture	Dr.Pahan Indika Godakumbura
IICE#23	Development of Healthy Herbal Instant Rice Porridge Sachets based on Selected Sri Lankan Traditional Rice Varieties.	Food & Agriculture	Dr.Pahan Indika Godakumbura
IICE#24	Design of a automated solar dryer by low cost to dry sea weeds	Food & Agriculture	Dr. M.P.G Vanniarachchy
IICE#25	ENERGY BUDDY-(THAT KEEPS YOUR ENERGY CONSUMPTION OPTIMALLY)	Energy & Environment	Dr. Nishan Dharmaweera
IICE#26	EagleEye Military training Simulator	Robotics, Embedded Systems & Emerging Technologies	Dr. Nishan Dharmaweera
IICE#27	Drone - Delivery System	Robotics, Embedded Systems & Emerging Technologies	Dr. Dulini Mudunkotuwa
IICE#28	Gluten-free cup-cakes from selected traditional yams of Sri Lanka	Food & Agriculture	Dr.Isuru Wijesekara
IICE#29	TECH WALK	Robotics, Embedded Systems & Emerging Technologies	Dr. Nishan Dharmaweera
IICE#31	Ceylon Smart Village	Smart Cities and Sustainable Development	Dr.Asha Nimali Fernando
IICE#32	Gesture Controlled Smart Room-Kit		Dr. Nishan Dharmaweera
IICE#33	Seneth Wave Powered Electricity Generator	Energy & Environment	Dr. Bhadra J.H. Arachchige
IICE#34	Animal repellent for cultivated land	Robotics, Embedded Systems & Emerging Technologies	Dr.R.N.Nugara

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IICE#35	Developing a social vulnerable index for forecasting and resolution of ethnic conflicts in Sri Lanka		Prof.T.M.S.P.K.Thennakoon
IICE#36	SMART POWER GUIDER	Smart Cities and Sustainable Development	Dr.Nilmini Liyanage
IICE#37	Coconut sap collection machine powered by Hydraulics	Food & Agriculture	Dr S.D. Udayanga
IICE#38	Mud Brick Reinforced With Coconut Fiber	Smart Cities and Sustainable Development	Dr. M.H.V.D.Y. Mudunkotuwa
IICE#39	Rapid waste Disposer	Energy & Environment	Dr. Bhadra J.H. Arachchige
IICE#41	CNC Writer	Robotics, Embedded Systems & Emerging Technologies	Dr. Nishan Dharmaweera
IICE#51	BMI Machine	Biomedical & Health-services	Dr.Nilmini Liyanage
IICE#54	Development of a solar operating, prototype and automated system for food preservation and processing (Multi food processor)	Food & Agriculture	Dr L.J.S Undugoda
IICE#56	The Smart Ferti Bullet	Food & Agriculture	Dr. R. N. Nugara
IICE#57	FABRICATION OF A FULLY AUTOMATED AND ECO-FRIENDLY PORTABLE RIPENING CHAMBER	Food & Agriculture	Dr. L.J.S Undugoda
IICE#62	Development of a rapid, digital system to detect artificially ripened fruits available in the market.	Food & Agriculture	Dr. L.J.S Undugoda
IICE#63	D - Glass	Robotics, Embedded Systems & Emerging Technologies	Dr.Prasad Jayaweera
IICE#64	Bed to trolley transfer method for the sick and disabled	Biomedical and Health Services	Dr. M.H.V.D.Y. Mudunkotuwa
IICE#65	Smart composting cube for organic kitchen waste.		DR. R. N. Nugara
IICE#66	Developing an Interactive Interface to Explore the Effect of Other's Activities on their Social Dynamics	Robotics, Embedded Systems & Emerging Technologies	Dr.Ravindra Silva
IICE#67	A HYBRID SYSTEM FOR GEAR SHIFTING IN BICYCLES		Dr. M.H.V.D.Y. Mudunkotuwa

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IICE#68	Development of a low cost textile waste water effluents treatment unit	Energy and Environment	Senior Prof. M. M. Pathmalal
IICE#69	Development of a drone attachable automated wireless device for measuring & indicating conditions of hazardous areas (BENEFACOR).		Dr. (Eng) Asanka Weerasekara
IICE#70	Development of a 'Filter' capable of removing cyanotoxin, taste and odour forming compounds, heavy metals and pesticides from drinking water	Energy & Environment	Senior Prof. M. M. Pathmalal
IICE#71	Development of an Anti-ulcer oral cream using Sesbania grandiflora "Kathurumurunga"	Biomedical & Health-services	Dr. C. Alahakoon
IICE#72	Smart watch		Ms.Senali Jayawardana
IICE#73	Wireless Motion Controller for Computer Games		Mr.Savindu Sanjana Jayasinghe (Dr Nalaka Lankasena)
IICE#74	Bihidora		Dr. Nalaka Lankasena
IICE#75	RescueEye		Dr. Nalaka Lankasena
IICE#76	sCopy		Dr. Nalaka Lankasena
IICE#77	Check user Backbone position (Mobile application)		Ms.Chathuni Thilakarathne(Dr Nalaka Lankasena)
IICE#78	Happy App(Mobile application)		Ms.Chathuni Thilakarathne(Dr Nalaka Lankasena)
IICE#79	Smart home on a budget		Mr. Yasas Godage
IICE#80	Automatic Vacuum Cleaner Robot		Dr. Dulini Mudunkotuwa
IICE#81	Motorized Scissor Jack		Dr. Dulini Mudunkotuwa
IICE#82	Fire Fighter Robot		Dr. P.M.T. Bandara
IICE#83	Camera Gimbal		R.K.A.M.Rajapaksha

- Academic staff member has been assigned to all the teams that requested for funding.
- Start-Up Proposals will be evaluated separately.
- Inquiries - Email-iivcc@sjp.ac.lk
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