

Nomination process for Yukthi Challenge 2023

The process of nominating 10 Yukthi projects out of 21 projects scrutinized by MoE is followed as follows:

1. The projects with more than or equal to maximum average score were shortlisted.
2. If the scores are the same, the TRL level of the project is considered for scrutiny.
3. All the departments are given equal priority

The project scrutiny nomination from the Institute is carried out by IIC council

Dr. S. Chithra - IIC President, SSNCE



Dr. P. Vasuki – IIC Vice-President, SSNCE



INSTITUTE INNOVATION COUNCIL – 5.0
LIST OF PROJECTS NOMINATED FOR YUKTHI CHALLENGE 5.0


List of recommended Innovations/Prototypes

Sr. No.	Innovation ID	Date of Submission	Innovation Title	FY of Development	Developed as part of	Team Lead Details	Avg. Score	Status	Action
✓ 1	IR2022-792011	19-09-2022	Improved Escape Worthiness Of Car Occupants Under Drowning Environment TRL Title - TRL 4	2019-20	Academic Research Assignment/Industry Sponsored Project	Dr S Suresh Kumar sureshkumars@ssn.edu.in	94	Recommended	Nominate
✓ 2	IR2022-772412	23-08-2022	Garbage monitoring system TRL Title - TRL 6	2020-21	Academic Requirement/Study Project	Sasirekha S sasirekhas@ssn.edu.in	96	Recommended	Nominate
✓ 3	IR2022-770987	19-08-2022	Design and Development of Hi-Tech Composite blades for lower limb amputees TRL Title - TRL 6	2019-20	Academic Research Assignment/Industry Sponsored Project	Dhanalakshmi M dhanalakshmim@ssn.edu.in	91	Recommended	Nominate
✓ 4	IR2022-770232	17-08-2022	Elderly health care monitoring system using IOT TRL Title - TRL 6	2020-21	Academic Requirement/Study Project	Dr.K.Usha ushak@ssn.edu.in	95	Recommended	Nominate
✓ 5	IR2022-770099	17-08-2022	Blind Abled Reading Frame - BARF TRL Title - TRL 4	2019-20	Academic Research Assignment/Industry Sponsored Project	D. Thenmozhi theni_d@ssn.edu.in	100	Recommended	Nominate

List of recommended Innovations/Prototypes

Sr. No.	Innovation ID	Date of Submission	Innovation Title	FY of Development	Developed as part of	Team Lead Details	Avg. Score	Status	Action
✓ 6	IR2022-770046	17-08-2022	Automatic Answer Script Evaluation TRL Title - TRL 4	2019-20	Academic Requirement/Study Project	Vasuki P vasukip@ssn.edu.in	99	Recommended	Nominate
✓ 7	IR2022-770037	17-08-2022	Fabrication of musk melon waste hydrochar using hydrothermal carbonization and its application in removing emerging contaminants to achieve sustainable production TRL Title - TRL 4	2021-22	Academic Requirement/Study Project	Prof. Dr. P. Senthil Kumar senthilkumarp@ssn.edu.in	94	Recommended	Nominate
✓ 8	IR2022-773113	24-08-2022	AUTOMATED PARALYSIS PATIENT MONITORING SYSTEM TRL Title - TRL 4	2020-21	Academic Requirement/Study Project	P.Kaythry kaythryp@ssn.edu.in	91	Recommended	Nominate
✓ 9	IR2022-769863	17-08-2022	Indian Sign Language Interpreter TRL Title - TRL 6	2020-21	Academic Requirement/Study Project	J. K. Josephine Julina josephinejulinajk@ssn.edu.in	100	Recommended	Nominate
✓ 10	IR2022-769854	17-08-2022	MShield - A mobile application to track the lost phone and protect the data in the phone TRL Title - TRL 4	2020-21	Academic Research Assignment/Industry Sponsored Project	Karthika S skarthika@ssn.edu.in	97	Recommended	Nominate

IIC – President
Dr. S. Chithra, ASP/IT, SSNCE


Principal Signature
(Dr. V. E. Annamalai)