

SSIP ADIT Approved POCs

Sr	Year	Title	Type	Leader	Team Members	Guides	Approval Date
1	2023-24	Probiotic Fruit Beverage 2.0	PoC/Prototype	Sneha thakkar	SNEHA THAKKAR ( V Sem) KHUSHI RAJPUT ( V Sem) DEEP PATEL ( V Sem) NAZIRA MULTANI ( V Sem)	Dr. Pravin Ganorkar	12-07-2023
2	2023-24	Production of ketchup slice	PoC/Prototype	Aelan Khant	Aelan Khant Krishna Soni Tirth Gandhi Shyam Vaghela Jiya Patel	Dr. Ankita Singh	09-03-2024
3	2023-24	Extraction of pectin from vegetable waste using pulsed ultrasound treatment	PoC/Prototype	Mansi Parekh	MANSI PAREKH FALGUNI BHATNAGAR	Dr. Kshitiz Kumar	09-03-2024
4	2023-24	IoT based Smart Agriculture System	PoC/Prototype	Karmdeepsinh Zala	Krushang Dalwadi Karmdeepsinh Zala Man Manavadaria	Dr. Kalpesh Shah	09-05-2023
5	2023-24	Smart Helmet Using IOT	PoC/Prototype	Deep Mandani	Bhumik kukadiya(12102080601014) Deep Mandani(12102080601020) Meet Mandani(12102080601078)	Prof Vimal Bhatt	22-03-2024
6	2023-24	DESIGN AND FABRICATION OF SOLAR WATER DESALINATION AND PURIFIER	PoC/Prototype	Kaushikkumar Solanki	Kaushikkumar Solanki	Prof. Bhaumik J. Sheth :Prof. Maharshi Thakkar	09-05-2023
7	2023-24	Development of biosimilar surface to animate wound	PoC/Prototype	Alookika Agarwal	Alookika Agarwal	Dr. Ankita Singh	17-05-2023
8	2023-24	Anti-Mastitis ethnoveterinary medicines	PoC/Prototype	Keshav Patel	keshav patel alookika agrawal hinal joshi sheetal sambar ayush raman mann patel	Dr. Ankita Singh	17-05-2023

9	2023-24	Probiotic Extruded Food	PoC/Prototype	Prachi Bhatt	BHATT PRACHI MURSHANA GOGOI BHATT PURVA DISHA MISTRY PATEL VRUSHTI	Dr. Ankita Singh	18-07-2023
10	2023-24	Smart Pick and Drop	PoC/Prototype	Krish Jignesh Chauhan	Zinal Raval	Dr. Dhaval Tailor	20-10-2023
11	2023-24	Bacterial Culture for Making Silage (Development of lab scale fermentation facility)	PoC/Prototype	Aryan Donga	Aryan Donga	Dr. Ankita Singh	14-02-2024
12	2023-24	Refreshable braille display system	PoC/Prototype	Harshiv Patel	Harshiv Patel Aditya Shikarvar	Dr. Gopi Bhatt	16-01-2024
13	2023-24	Oatmeal based cake premix	PoC/Prototype	Anupa patel	Anupa patel Prachi Patel Dhruvi Pandya	Dr. Ankita Singh	22-09-2023
14	2023-24	Arogya Sankalp - Robotic Healthcare Solution	PoC/Prototype	Aryan Donga	Aryan Donga SmitDonga Krish Chauhan ZinalRaval Dhairyapatel Vivek Fulwala	Dr.DhavalTailor	25-09-2023
15	2023-24	Milk analyzer	PoC/Prototype	Rudra Sanjaysinh Solanki	Rudra Solanki (FPT) 12202070601035 Kein Ahir (FPT) 12202070601017 Priyank Sangani (FPT) 12202070601030 Smit Desai (FPT) 12202070601040 Prasu Hirpara (IT) 11202080601105	Dr. Ankita Singh	03-10-2023
16	2023-24	Microgreen enriched immunoprotein dehydrated soup mix	PoC/Prototype	G Sakthisri Bharathi	G SAKTHISRI BHARATHI	DR.A.S.NANDANE	03-10-2023
17	2023-24	Street Light : " Centralized monitoring system for street light fault detection and location tracking	PoC/Prototype	Prem Mistry	Prem Mistry (Leader) Yogendra Adesara Vaishnavi Prajapati Prachi Raichura Kartik Bhatia Yash Singh	Prof. Dhaval Tailor	03-10-2023
18	2023-24	Premix of Chhena poda	PoC/Prototype	Ansh Mehta	ANSH MEHTA ATHARVA KHANDALIKAR ARYAN VASITA JEEL PATEL	Dr. Ankita Singh	03-10-2023

19	2023-24	Processed Liquid Egg	PoC/Prototype	Trunkwala Ibrahim	Trunkwala Ibrahim Salman Hoshiyar	Dr. Ankita Singh	03-10-2023
20	2022-23	Motor Driven Differential Gear-Box Cut-section.	PoC/Prototype	Mahir Kalpeshbhai Makhecha	Shankar Savant Tej Sidhpuria Dhruv Thakor Gaurang Patel Mann Patel	Kuldip.D Patel	27-03-2023
21	2022-23	Driving License Controlled Smart Vehicle to prevent accidents due to people driving underage.	PoC/Prototype	Shubham Laherilal Shah	Vardhan Desai Yash Patel Keval Machhi Jeet Patel	Dr. Sanjay M. Patel	25-02-2023
22	2022-23	SAFEx: Smart Women Accessory for women safety	PoC/Prototype	Shivangee Rajput	Kirti Parmar Rashmi Girgilani Vidhi Thakkar Prerana Rathod	Neha Chauhan	25-02-2023
23	2022-23	EagleRC:Development of Fixed wing Unmanned Aerial Vehicles	PoC/Prototype	Aditya Devendra Negi	Aditya Devendra Negi	Prof. Dhaval Tailor	06-03-2023
24	2022-23	Processed liquid egg	PoC/Prototype	Ibrahim trunkwala	Ibrahim Trunkwala Salman Hoshiyar	Dr. Ankita Singh	06-03-2023
25	2022-23	SURESTEP : Advanced fall detection and health monitoring for seniors	PoC/Prototype	Smit Solanki	Smit Solanki Jeel Maheshwari Vishvam Shah Hemang Vekariya	Prof. Dhaval Tailor	06-03-2023
26	2022-23	CURD WITH INDIGENOUS CULTURE	PoC/Prototype	Purva Bhatt	Purva Bhatt Murshana Gogoi patel vrushti mistry disha bhatt Prachi	Dr. Ankita Singh	14-03-2023
27	2022-23	Detection of bovine protozoan parasites.	PoC/Prototype	Alookika Agarwal	Prajwal Parkhe Alookika Agarwal Keshav Patel Aryan Donga Ayushi Tarsadiya Dhruv Ravajji Vishv Joshi Shrey Patel Maan Patel Palak Shroff Zinal Patel Khushali Desai Ayush Raman	Dr. Ankita Singh	14-03-2023

Events under SSIP ADIT

Name	Type	Venue	Date	Coordinator Name	No of Participant
A Journey of an Entrepreneur	Workshop	ADIT AUDITORIUM	28-07-2023 to 28-08-2023	Prof. Disha Panchal	200
ADIT Premier League 2023	Bootcamp	ADIT cricket ground	25-03-2023 to 02-04-2023	Prof. Yagnesh Gambhava	96
An Expert talk on "Basic Life Support, You can be the hero!"	Seminar	ADIT AUDITORIUM	10-03-2023 to 10-03-2023	Prof. Jitksha Patel Prof. Disha Panchal	36
Beyond Hello World: Craft your Debut App with Flutter	Workshop	CE LAB 4	29-02-2024 to 29-02-2024	Prof. Siddharth Shah	53
Cyber Unveil	Workshop	CE Labs	29-02-2024 to 29-02-2024	Dr Krunal Patel	50
Empowering Your Online Presence: Hands on Workshop to Web Hosting and advanced Wordpress Web Development	Workshop	Lab IT 5	29-02-2024 to 29-02-2024	Prof jinal bhagat	32
Expert Session on Etabs Software	Workshop	Room no 203, Civil Dept	28-03-2023 to 28-03-2023	TAUSIF F KAUSWALA	19
Expert Talks on: Millet based Food Products Start up Opportunities In India	Seminar	ADIT Class Room No. 214	10-03-2023 to 10-03-2023	DR PRAVIN GANORKAR	43
Food Extrusion Technology	Workshop	214 and 219	29-02-2024 to 29-02-2024	Dr. Pravin M. Ganorkar	52
Hands on workshop on node JS	Workshop	LAB CE-4 /IDEA LAB	21-09-2023 to 21-09-2023	PROF KINJAL PARMAR	48
Hands-on practices On-board diagnostics (OBD)	Workshop	Room no 141	29-02-2024 to 29-02-2024	Prof. Samarth Shelat Dr. Nimit Patel	41
IDEATHON	Other	ADIT IDEA Lab	03-08-2023 to 03-08-2023	Dr. Gopi Bhatt Dr. Dhaval Tailor	80
Industrial Application of IoT	Workshop	Lab 330	29-02-2024 to 29-02-2024	Dr. Dhaval Tailor Dr. Pravin Prajapati	19
International Yoga Day - 2023	Workshop	Shastri Ground	21-06-2023 to 21-06-2023	Dr Kiran Patel	78
Journey of MooRopan: Wandering Engineers to Focused Entrepreneur.	Seminar	ADIT AUDITORIUM	02-08-2023 to 02-08-2023	Prof. Axit Patel Prof. Dipsa Patel	153

MATHS MODEL AND PUZZLE MAKING COMPETITION	Bootcamp	ROOM NO 226, ADIT	14-03-2023 to 14-03-2023	DR NARENDRA DESAI	200
NCC ORIENTATION	Seminar	ADIT AUDITORIUM	18-08-2023 to 18-08-2023	Dr. Narendrasinh Desai, Dr. Shivkumar Singh	401
PITCHING COMPETITION	Bootcamp	ROOM NO 141 ADIT	23-03-2023 to 23-03-2023	DR NARENDRA DESAI	3
Prospects in Gaming industry & Process Design	Seminar	CE-4 LAB	14-03-2023 to 14-03-2023	KINJAL PARMAR	35
QUIZ COMPETITION_PI DAY CELEBRATION	Bootcamp	ROOM NO 226 ADIT	14-03-2023 to 14-03-2023	KINNARI PATIL	33
ShapeShift: Unleashing Innovation through 3D Printing and 3D Scanning	Workshop	AUTOCAD LAB(121) / IDEA LAB	29-02-2024 to 29-02-2024	Mr. Krunal J Shah Mr. Tejas R Prajapati Mr. Ruchir J. Desai	38
Startup and incubation opportunities	Seminar	ADIT Room No 222	29-07-2023 to 29-07-2023	Prof. Priyanka P u v a r	43
Workshop On Prompt Engineering	Workshop	ADIT IT LAB	19-04-2023 to 19-04-2023	Prof.Disha Panchal	36
Workshop on Hands-on workshop on advance kits of Switchgear protection and Power electronics	Workshop	ADIT IDEA LAB	08-04-2023 to 08-04-2023	DHAVAL N TAILOR AND DR HARDIK SHAH	18
Workshop on Journey of Entrepreneur	Workshop	Room no 141	15-03-2024 to 15-03-2024	Prof Samarth Shelat Dr Nimit Patel	40
Workshop on Design of All Terrain Vehicle	Workshop	adit idea lab	16-03-2023 to 16-03-2023	PROF SAMARTH J SHELAT, DR NIMIT M PATEL	26
Workshop on Drone Technology	Workshop	CE lab 5	29-02-2024 to 29-02-2024	Prof Kinjal Parmar	42
Workshop on introduction to game developement	Workshop	ADIT LAB CP-5	08-04-2023 to 08-04-2023	DR GOPI BHATT AND PROF ANIRUDHDH KURTKOTI	38
Workshop on Recent trends of control & Automation in large scale continuous process manufacturing industry	Workshop	ADIT IDEA LAB	25-03-2023 to 25-03-2023	DHAVAL N TAILOR AND DR HARDIK SHAH	27
WORKSHOP ON SMARTCITY: A FUTURE FOR ALL	Workshop	ROOM NO 203	29-02-2024 to 29-02-2024	PROF. AXAY SHAH PROF.DARSHAN YAGNIK	13
world water day 2023	Seminar	auditorium adit	21-03-2023 to 21-03-2023	bhavin patel	36
“AZADI KA AMRUT MAHOTSAV GRAND FINALE HACKATHON-2022”	Bootcamp	IT CP LAB	10-02-2023 to 11-03-2023	DR DRASHTI BHATT	229

SSIP Fab Lab: Room No 140

Area: 14.75m<sup>2</sup>

### **List of Equipment procured Under SSIP 1.0**

<b>Sr No</b>	<b>Specifications</b>	<b>Qunatity (Nos.)</b>
1	Digital Multimeter	3
2	Digital Clampmeter	1
3	CNC - shield ateppeper driver	1
4	ARDUINO UNO (WITH CABLES)	2
5	ARDUINO MEGA	1
6	ARDUINO UNO R3	5
7	2.8" TFT LCD TOUCH SCREEN	1
8	XBEE (Zigbee)	4
9	LSA08-LINE FOLLOWER SENSOR	2
10	MICRO-SD CARD READER	1
11	SOLDERING UNIT	3
12	NEMA 17 - STEPPPER MOTOR	2
13	GEAR MOTOR - DC 300RPM	4
14	DC GEAR MOTOR 45RPM	2
15	ARDUINO LILIPAD	1
16	RFID RC522	1
17	LOLIN NODE MCU V3	3
18	NRF24	8
19	HEAT SINK	1
20	RASBERRY PI CASE	1
21	ARDUINO NANO WITH CABLE	2
22	DRV8825 STEPPER MOTOR DRIVER	2
23	SENSOR KIT (37 PIECES)	1
24	ARDUINO ETHERNET	1
25	AMS 1117 3.3V POWER SUPPLY MAODULE	1
26	ADAPTER (1AMP)	1
27	TRANSFORMER	1
28	CYTRON DUAL CHANNEL 30AMP DC MOTOR DRIVER	1
29	Irusu Playvrplus (VR Headset)	3

### **List of Equipment procured Under SSIP 2.0**

<b>Sr No</b>	<b>Specifications</b>	<b>Qunatity (Nos.)</b>
1	HIGH TORQUE DIGITAL WATERPROOF SERVO MOTOR 180° 20KGCM	4
2	METAL GEAR DUAL SHAFT 16KGCM DIGITAL SERVO MOTOR including RKI-2324 SERVO ACCESSORY PACK FOR DUAL SHAFT SERVO	4
3	EBIKE DC MOTOR MY1016 24V 2750RPM 250W including Speed control and motor driver	2
4	JOHNSON GEARED MOTOR (MADE IN INDIA) 12V 100RPM including motor driver	2
5	Small Angle Grinder	1
6	Impact Drill	1
7	True Tig Welding Machine	1
8	Auto battery (livguard make)	1
9	Battery Charger	1
10	Tool kit and Wrench set (multi-purpose combination tool)	1
11	20L pressure cooker	1
12	Rhino 300rpm 10kgcm DC palnetary geared high precision encoder servo motor + driver	2
13	Drill Kit	1
14	Dual Display weight scale	1
15	Micro pipette (variable volume)	1
16	Portable pH meter and DS meter	1