

PROJECT Work - 2022-23

Code:18MTP84

SL. NO	NAME	USN	TITLE OF PROJECT	GUIDE NAME	Mapped SDGs
1	Satyanarayana B V	1AY20MT414	Design and Development of Charging Unit by Harnessing Wind Energy	Dr. Devarajaiah M R	Affordable and Clean Energy
2	Vachan R	1AY20MT416			
3	Bhuvan A	1AY20MT404			
4	Deepak L	1AY20MT409			
5	Tanush BD	1AY19MT044	Two-Wheeler Containment and Charging Apparatus	Mrs. Bhagirathi V	Industry, Innovation and Infrastructure
6	Amith HN	1AY19MT005			
7	Mohit R Karthik	1AY19MT021			
8	Sowmya S	1AY18MT043			
9	Basavraju R	1AY19MT009	Wireless Power Transfer to Electric Vehicles	Mr.Naveen Kumar S N	Affordable and Clean Energy
10	Basavraj S	1AY19MT008			
11	Shivaraj Y	1AY19MT040			
12	Rohith S	1AY19MT034			
13	Shreyas K Dongre	1AY19MT042	Automated multi-level pick-and-place conveyor system for groceries	Mr. Chandrashekar L	Sustainable cities and Communities
14	Mayur Kumar S	1AY19MT019			
15	M P Muhunthan	1AY19MT017			
16	Roopam Maurya	1AY19MT035			
17	Md Perwez Qaisar	1AY18MT024	Design and Implementation of Telepresence Robot Optimization of Modern IC Engines intARact	Mrs. Bhagirathi V	Industry, Innovation and Infrastructure
18	Ajay allen lourdes	1AY18MT004			
19	Mohammad Fazil	1AY18MT025			
20	Bhavana R	1AY20MT403			

21	Bhuvanesh Nagaral	1AY20MT406	Digital Bot for Therapeutic Treatment of Autism Spectrum Disorder (ASD) in Children	Mr.Naveen Kumar S N	Addressing burning societal issues through projects
22	Chethan U M	1AY20MT407			
23	Prashanth	1AY20MT412			
24	Imthiyas Ali Noushad	1AY19MT014	Design and Development of Pet Monitoring System	Miss. Nishchitha.M .H	Sustainable cities and Communities
25	Prajwal Zach Sabu	1AY19MT027			
26	Sanjay S	1AY19MT038			
27	Shiphi Abraham Thomas	1AY19MT039			
28	Pratha Anish	1AY19MT029	Design and Implementation of IoT based seed counter for seed drill	Miss. Nishchitha.M .H	Zero Hunger
29	Pramod P R	1AY19MT028			
30	Monish M	1AY19MT022			
31	Darshan P M	1AY20MT408			
32	Dawn Mathew	1AY19MT011	Development of an Automated Charging Solution for electric vehicles	Mrs. Bhagirathi V	Sustainable cities and Communities
33	Sahil Nanasaheb Hon	1AY19MT036			
34	Pratheek H Gadagi	1AY19MT030			
35	Vedant V M	1AY19MT018			
36	Akash Ratnakar	1AY20MT400	Design and Development of Battery Management System for Electric vehicle	Mr. Chandrashekar.L	Sustainable cities and Communities
37	Arjun A	1AY20MT401			
38	kushal H M	1AY20MT411			
39	Shashank Yadav Agnihotra	1AY20MT415			
40	Adarsh Tiwari	1AY19MT002			

41	Adithya N Jadhav	1AY19MT003	Remote Controlled Water Skimmer	Miss. Nishchitha.M .H	Industry, Innovation and Infrastructure
42	Nuthan Nag	1AY19MT025			
43	Ayaan Mohammed H	1AY19MT006	Autonomous Aerial System for Agriculture Purpose	Mr. Chandrashekar.L	Zero Hunger
44	Milind Kumar M Mali	1AY19MT020			
45	Nagarjun H R	1AY19MT024			
46	B Somnath	1AY19MT007			
47	Arun Kumar M	1AY20MT402	Design and Implementaion of Digital Twin of an Articulated Robot	Mr.Naveen Kumar S N	Industry, Innovation and Infrastructure
48	Hema R	1AY20MT410			
49	Mohammed Usman	1AY18MT026			
50	Akshay Raj R	1AY19MT004	Smart Medicine Dispenser	Mr. Chandrashekar.L	Good health and well Being
51	Puneet RN	1AY19MT031			
52	Rohit Kumar Sharma	1AY19MT033			
53	Indukuri Durga Vignesh	1AY19MT015			
54	Hithesh G	1AY19MT013	Patrolling drone with Infrared Thermal Vision	Mr.Naveen Kumar S N	Industry, Innovation and Infrastructure
55	Chethan A	1AY19MT010			
56	Gautham Panicker	1AY19MT012			
57	Sandhya Mane	1AY19MT037	Design and Development of Recycling Machine to Convert Used Plastic Bottles into Filament for 3D Printing	Dr. Devarajaiah R M	Addressing burning societal issues through projects
58	Bhuvan R	1AY20MT405			
59	Reshma B	1AY20MT413			
60	Vinayak S Betageri	1AY20MT417			
61	N.Bhushan	1AY19MT023			



Department of Mechatronics Engineering Acharya Institute of Technology

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62	Vignesh Kumar S	1AY19MT045	Design and Development of Automatic Composting Machine	Mr. Sandeep.K	Addressing burning societal issues through projects
63	Shreeranjana N	1AY19MT041			

United nations SDGs Mapped to Projects		
SDG Goal No.	Goals	No. of Projects mapped
2	Zero Hunger	2
3	Good health and well Being	1
7	Affordable and Clean Energy	2
9	Industry, Innovation and Infrastructure	5
11	Sustainable cities and Communities	4
	Addressing burning societal issues through projects	3
	Total	17

PROJECT WORK - 2023-24

Code: 18MTP83

SL.NO	NAME	USN	GUIDE NAME	TITLE OF PROJECT	SDGs Mapped
1	SURAJ R SHET	1AY20MT022	Naveen Kumar S N	Biaxial automated centrifugal casting machine	9- Industry, Innovation and Infrastructure
2	SRINIVAS V	1AY20MT021			
3	DINESHKUMAR P K	1AY20MT008			
4	DARSHAN R NAGANATH	1AY20MT007			
5	VISHAL THALLURI	1AY20MT023	Devarajaih R M	Solar Pyrolysis of Plastic	7- Affordable and Clean Energy
6	PRATHAM P	1AY20MT017			
7	SAYYAM MAHAVIR THAKALE	1AY20MT019			
8	ASHWIN P PRABHU	1AY20MT003			
9	YADHU KRISHNA S NAIR	1AY20MT024	Manjunatha K N/Sandeep K	Development of an artificial intelligence based plant disease detection system	2- Zero Hunger
10	NISHANTH KUMAR R	1AY20MT015			
11	KEERTHI S KUMAR	1AY21MT412			
12	NISHANTH R	1AY20MT016			
13	A R CHRIS NIVETHAN	1AY21MT400	Devarajaih R M	Design of Articulating Explosive Ordnance Disposal	9- Industry, Innovation and Infrastructure
14	AMBATI BHARATH	1AY21MT402			
15	GOUTHAM K	1AY21MT409			
16	THADURI MANI CHANDAN	1AY21MT440			
17	ROHAN KALAL	1AY21MT434	Nishchitha M H	Development of an Intelligent Glove to Convert sign Language into Speech	11- Sustainable cities and Communities
18	RITESH DOIJODE	1AY21MT433			
19	HEMANT KUMAR G T	1AY21MT410			
20	YASH HATAPAKI	1AY21MT444			
21	PAVAN KALYAN B	1AY21MT428	Bhagirathi V	IoT based smart system for chemical plants	9- Industry, Innovation and Infrastructure
22	UDAY M	1AY21MT441			
23	LAKSHMISHA M	1AY21MT415			
24	MOHITH A S	1AY21MT424			

25	Krishna Raju R	1AY21MT414	Naveen Kumar S N	R&D platform for humanoid robots	9- Industry, Innovation and Infrastructure
26	RAHULSINGH K TOSHIKHANI	1AY21MT431			
27	SUDARSHAN SHRINIVAS GADAGKAR	1AY21MT437			
28	NANDINI MANVI	1AY21MT426			
29	ADITYA GANAPATI NIMBALKAR	1AY21MT401	Bhagirathi V	Epigenetically reprogrammed cancer biomarker kit for cancer detection	3- Good health and well Being
30	MAGDUM SUNAD SANMATI	1AY21MT417			
31	TEJAS D HUNDRE	1AY21MT439			
32	RAKESH M	1AY21MT432			
33	MOHAMMED ZAKI MOMIN	1AY21MT423	Devarajaih R M	Design and Development of recycling machine to convert used plastic into filament for 3D printer	Addressing burning societal issues through projects
34	MOHAMMED ALTAMASH MOHIDULISLAM SHAIKH	1AY21MT421			
35	SARFARAZ MOHAMMED SALEEM SINDOLI	1AY21MT435			
36	GANESHGOWDA M K	1AY21MT408	Manjunatha K N	Incubrooder	9- Industry, Innovation and Infrastructure
37	KISHAN S	1AY21MT413			
38	MANJUNATHK	1AY21MT419			
39	SURYA S	1AY21MT438			
40	ANISHV Devarajaih R MADIGA	1AY21MT404	Sandeep K and Attel Manjunath	Design and Development of automatic composting Machine	2- Zero Hunger
41	CETHAN M	1AY21MT405			
42	PRAJWAL GANAPATI DESHBHANDARI	1AY21MT430			
43	NIKHIL DUNDAPPA MUCHANDI	1AY21MT427	Sandeep K		



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44	VIJAYKUMAR JAYARAMKAJUKAR	1AY21MT443		Cartesian robot with box sorting application	9- Industry, Innovation and Infrastructure	
45	KARAN POPAT CHAMBHAR	1AY21MT411				
46	MAHESH B G	1AY21MT418				
47	LEKHANA SATHEESHA	1AY20MT011	Manjunatha K N and Nischitha M H	Design and Development of agricultural robot	2- Zero Hunger	
48	ASHMITH	1AY20MT002				
49	LUCKY N CHAJJER	1AY20MT012	Nishchitha M H	Design and development of virtual fashion mirror	9- Industry, Innovation and Infrastructure	
50	ALAN TOM	1AY20MT001				
51	HRISHIKESH R RAO	1AY20MT009				
52	MOHAMMED RAHAIB	1AY20MT013				
53	PAVANKUMAR P KADAM	1AY21MT429	Bhagirathi V	Rescue robot inside Borewells	11- Sustainable cities and Communities	
54	SHASHANK T G	1AY21MT436				
55	LOKESH KIRAN R	1AY21MT416				
56	MANOJ P	1AY21MT420				
57	SNEHA M JANGARADDER	1AY20MT020	Naveen Kumar S N	No contact webcam based heart rate detection	3- Good health and well Being	
58	CHANDANA J	1AY20MT004				
59	COROLINE GOMES	1AY20MT006				
60	DARSHAN R ANVEKAR	1AY21MT407	Nishchitha M H	Development of Muscle controlled Bionic Arm with sense of Touch	9- Industry, Innovation and Infrastructure	
61	LAVANYA R	1AY20MT010				
62	AMIT GOPALAKRISHNA HEGDE	1AY21MT403				
63	CHARUKESH P N	1AY20MT005				



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United nations 17 SDGs		
SDG Goal No.	Goals	No. of Projects mapped
2	Zero Hunger	3
3	Good health and well Being	2
7	Affordable and Clean Energy	1
9	Industry, Innovation and Infrastructure	8
11	Sustainable cities and Communities	2
	Addressing burning societal issues through projects	1
	Total	17



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Department of Mechatronics Engineering

AY - 2024-25 Project Groups

SL.NO	NAME	USN	GUIDE NAME	TITLE OF PROJECT	Mapped SDG Goals
1	PRATHYUSH BIJU	1AY22MT417	Prof. Nischitha M H	Design and Implementation of Bionic ARM	Good health and well Being
2	SURYA BALAN S	1AY22MT424			
3	ARUN	1AY22MT404			
4	ABHINAV	1AY22MT400			
5	MANTHAN	1AY22MT414	Dr. Manjunatha KN	Design and Implementation of Automated solar Concentrated coffee	Affordable and Clean Energy
6	PRATHAMESH Y	1AY22MT416			
7	RITESH	1AY22MT421			
8	SANDEEP S	1AY22MT422			
9	CELSI MARCINA	1AY22MT405	Prof. Naveen Kumar S N	Design and Development of Portable Emission tester	Sustainable cities and Communities
10	DIKESH REDDY	1AY22MT406			
11	POOJITH M	1AY22MT415			
12	VENKATESH M	1AY22MT426			
13	POORVI	1AY21MT018	Dr Manjunatha KN and Dr. Attel Manjunath	Design and Functional Verification of a Smart Irrigation System	Zero Hunger
14	PRASHANTH	1AY21MT019			
15	HARSHITHA J				
16	JOSEPH TONY	1AY22MT410	Prof. Naveen Kumar S N	Design and Development of Vision based Robot with Raspberry Pi for	Industry, Innovation and Infrastructure
17	HEMANTH	1AY22MT409			
18	MANJUNATH	1AY22MT412			
19	KARTHIK M	1AY22MT411			
20	DANUSH D	1AY21MT005	Dr. Devarajaiah R M and Nischitha M H	Design and Development of a Robotic ARM and Gripper for Object	Industry, Innovation and Infrastructure
21	SUMUKHA G R	1AY21MT031			
22	S PUNEETH	1AY21MT021			
23	SHARATH R	1AY21MT024			
24	SYED MURTUZA	1AY21MT032	Prof. Sandeep K	Remotely Operated Vehicle (ROV) for Underwater corrosion monitoring	Industry, Innovation and Infrastructure
25	ABHISHEK	1AY21MT001			
26	ARUN A	1AY21MT003			
27	BHUPENDRA P	1AY21MT004			
28	SRUSHTI	1AY21MT029	Dr. Devarajaiah R M and Nischitha M H	Design and Development of an Autonomous Rover	Industry, Innovation and Infrastructure
29	SHASHANK H N	1AY22MT423			
30	MANOJ B	1AY22MT413			
31	SUJAY S	1AY21MT030	Prof. Sharvani G R	Design and Development of Safe and Productive	Addressing burning societal issues through projects
32	G SUJAN SURAJ	1AY21MT007			
33	KISHORE	1AY21MT012			

34	RAKSHITHA S	1AY22MT420	Dr. Devarajaiah R M	Design and Development of Prototype Robot for Exterior Car washing	Industry, Innovation and Infrastructure
35	T VAMSHI	1AY22MT425			
36	G KUSHAAL	1AY22MT407			
37	YADUVEER B	1AY22MT428			
38	MANU V	1AY21MT014	Dr. Attel Manjunath	Design and Development of a 3D Scanning System	Industry, Innovation and Infrastructure
39	SHRAVANTH C R	1AY21MT028			
40	GAGAN DEEP	1AY21MT008			
41	SHASHANK	1AY21MT025			
42	SHIVA KUMAR	1AY21MT026	Prof. Yashodha H N	Design and Fabrication of power generation system	Affordable and Clean Energy
43	ARJUN S	1AY22MT403			
44	AMRUTH S	1AY22MT402			
45	THARUN D C	1AY21MT033	Prof. Sandeep K	Design and Development of Voice Assitive System for visually	Good health and well Being
46	DIGANTH A B	1AY21MT006			
47	SAISH H SALIAN	1AY21MT022			
48	GANESH	1AY21MT009			

United nations 17 SDGs		
SDG Goal No.	Goals	No. of Projects mapped
2	Zero Hunger	1
3	Good health and well Being	2
7	Affordable and Clean Energy	2
9	Industry, Innovation and Infrastructure	6
11	Sustainable cities and Communities	1
	Addressing burning societal issues through projects	1
	Total	13



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Department of Mechatronics Engineering

ACHARYA

AY - 2025-26

BMT786

Project Phase II

SL.NO	NAME	USN	TITLE OF PROJECT	Guide Name	Project dairy status
1	SWAYAM R SABANAVAR	1AY22MT031	Design and development of Hexa-bot for Surveillance and Rescue assistance.	Prof. Pavithra/Manjunatha K N	Industry, Innovation and Infrastructure
2	DHEERAJ P	1AY23MT405			
3	AKSHATHA MAHESH SHETT	1AY22MT003			
4	ARAYAN J R	1AY23MT403			
5	TADICHARLA CHINMAY DH	1AY22MT032	Design and Development of Hexa copter Drone for sea	Prof. Shervani G R	Industry, Innovation and
6	TARUN. S. IYER	1AY22MT033			
7	KRTHI P	1AY22MT016			
8	HARSHITH BP	1AY22MT012	Smart Intravenous Monitoring System	Dr. Manjunatha K N	Good health and well Being
9	SANDEEP KUMAR V N	1AY23MT418			
10	LIKITH RAJ S	1AY23MT409			
11	RUTHU R KUMAR	1AY22MT026			
12	SUPRAV BHATTARAI	1AY22MT030	Design and Implementation of a Robotic Lawn Mower	Prof. NaveenKumar SN	Innovation and Infrastructure
13	NICHOLAS VINCENT PICARD	1AY22MT021			
14	MOHAMMED SALAH ZAKAR	1AY22MT018			
15	OMRAJ NARENDRA SAWANT	1AY23MT414	Development of 3D scanning system	Dr. Devarajaiah R M	Industry, Innovation and Infrastructure
16	KEDAR PARASHARAM TOPA	1AY23MT407			
17	ANURAG KUMAR	1AY22MT005			
18	NARAYAN JOTIBA PATIL	1AY23MT413			
19	PRANAV SHARMA	1AY22MT022	Design and Development of Small-scale Wire EDM	Dr. Devarajaiah R M	Industry, Innovation and Infrastructure
20	PRATHMESH MAHESH PATIL	1AY23MT417			
21	SHIV JYOTI KUMARI	1AY22MT027			
22	KRISHN RAJESH BAILURKAR	1AY23MT408			
23	DARSHAN N	1AY22MT008	Integration of Real Time Monitoring of water quality standards for RO Purifiers	Dr. Manjunatha K N	Claen water and Sanitation
24	ABHISHEK G	1AY23MT401			
25	PRASHANTH M R	1AY22MT023			
26	VARUN KUMAR N R	1AY22MT036			
27	SUHAS H M	1AY22MT029	Design and Development of a Digital Arm: An exoskeleton Smart	Prof. Yashodha H N	Good health and well Being
28	VISHWA DATTA C	1AY22MT037			
29	VAISHNAVI G	1AY22MT035			
30	MANOLLAS N	1AY23MT411			

31	DRUVA R	1AY22MT009	Automated Self balancing Bike	Prof. Shervani G R	Sustainable cities and
32	MUSAIF KHAN K	1AY23MT412			
33	KEVIN S KOCHUMON	1AY22MT014	SMART PICKX: Remotely operated smart warehouse	Dr. Attel Manjunath	Industry, Innovation and Infrastructure
34	MOHAMED FARHAN	1AY22MT017			
35	THAMEEM KM	1AY22MT034			
36	ABHIJITH M A	1AY22MT002	Hydraulic Based Sun Tracking Floating Solar Panel	Prof. Sandeep K	Affordable and Clean Energy
37	EBEN GEJO MATHEW	1AY22MT010			
38	MUHAMED SHABIL NEDIYO	1AY22MT019			
39	ARBEENA BEGUM	1AY22MT006	Design and Development of Autonomous Robot	Prof. Sandeep K	Industry, Innovation and Infrastructure
40	SANJAY K	1AY23MT419			
41	SANJAY S	1AY23MT420			
42	SYED SUHAIL	1AY23MT425			
43	AJAY N V	1AY23MT402	Design and Development of Autonomous under water Vehicle	Manjunatha K N	Industry, Innovation and Infrastructure
44	KISHAN P	1AY22MT015			
45	VARSHA NAGANUR	1AY23MT426			
46	SOLOMON G	1AY23MT423			
47	A KIRAN	1AY23MT400	Development of APP based Automated Inventory Box	Prof. Naveen Kumar S N	Industry, Innovation and Infrastructure
48	M VISHAL	1AY23MT410			
49	SANTHOSH H N	1AY23MT422			
50	PAVAN KUMAR B S	1AY23MT415	Design and Development of Engrave Go: The next - gen Portable CNC Laser	Dr. Attel Manjunath	Industry, Innovation and Infrastructure
51	JEEVAN B S	1AY23MT406			
52	POORNACHANDRA N D	1AY23MT416			
53	SUHAS REDDY B R	1AY23MT424			

SDG Goal No.	Goals	No. of Projects mapped
2	Zero Hunger	
3	Good health and well Being	2
6	Claen water and Sanitation	1
7	Affordable and Clean Energy	1
9	Industry, Innovation and Infrastructure	10
11	Sustainable cities and Communities	1
	Addressing burning societal issues through projects	
Total		15