Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Website: www.surtech.edu.in, Email ID: info@dsec.ac.in
Affiliated to Maulana Abul Kalam Azad University of Technology (MAKAUT)
West Bengal, WBSCTVESD and Approved by AICTE

IGNITION

NEWSLETTER
DEPARTMENT OF AUTOMOBILE ENGINEERING

Volume: 4
DECEMBER, 2022

NEWSLETTER COMMITTEE LIST

Committee List	Name	Designation	
Faculty Editor Cum Adviser	Mr. Arindam Mukherjee	Assistant Professor	
Student Editor	Sayak Roy Bishal Ghosh	Students of 3rd Year 3rd Year	Batch of 2020 – 2024 2020 – 2024
Graphic Designer	Puspendra Kumar Arghya Mondal Aman Singh	Students of 4th Year 3rd Year 3rd Year	Batch of 2019 – 2023 2020 – 2024 2020 – 2024
Content Scrutinizers	Bidyut Roy Rathindranath Biswas Sayan Sadhu Anish Kumar Saha Ashish Kumar Malik Ayan Das Chiranjit Mondal	Students of 4th Year 4th Year 4th Year 3rd Year 3rd Year 3rd Year 3rd Year	Batch of 2019 – 2023 2019 – 2023 2019 – 2023 2020 – 2024 2020 – 2024 2020 – 2024 2020 – 2024
Students Working Committee	Tapan Kumar Mandal Debojyoti Mondal Ronald L Guite Arghadeep Das Rajat Naskar Navonil Mitra	Students of 3rd Year 3rd Year 3rd Year 3rd Year 2nd Year 2nd Year	Batch of 2020 – 2024 2020 – 2024 2020 – 2024 2020 – 2024 2021 – 2025 2021 – 2025

CONTENT

From Managing Director's Desk

Our group's primary objective is to equip students with comprehensive knowledge, wisdom, experience, and training in the field of Engineering and Technology. We recognize the competitiveness of the global industrial market and strive to empower our students accordingly.

We prioritize creating an enjoyable and secure educational environment for every student, offering support and assistance whenever needed. The regular publication of our departmental newsletter reflects the continuous growth of both our department and the faculty and students within it. We extend our best wishes to all our students and reaffirm our commitment to providing excellence in academics and extracurricular activities.

Sardar Taranjit Singh

From Principal's Desk

The secret to happiness is not avoiding feelings of anger, unhappiness, frustration, impatience, or melancholy, but rather how quickly you choose to overcome them.

Dear students, nothing in this world can stand in the way of your achievement if you have a strong desire to work hard towards your objectives. However, if you first fail to meet your objectives, stop to consider whether any adjustments are required depending on your potential. After recalibrating, attack your objectives with newfound zeal and you will certainly succeed in doing so. Success is within reach after you have set your sights on a goal and commit yourself to achieving it. Finding reasons, strategies, and resources to take action is just as simple as making excuses for not doing so. Your passion, support, and teamwork during this challenging period are genuinely remarkable. We now have a new view on the world thanks to the Covid-19 epidemic. Mother Earth, nature, living things, and birds are all making requests of people. The time is opportune for us to comprehend the urgent needs of the present. Learning and education cannot stop. Love, affection, respect, kindness, aspiration, optimism, and a positive outlook are not things that can be confined.

Work to develop a positive outlook and attitude since these qualities will pave the road for success and achievement based on high moral principles.

Dr. Saradindu Panda
Principal, DSCSDEC

From HOD's Desk

We are delighted to share with you the "IGNITION" Newsletter from the Dr. Sudhir Chandra Institute of Technology and Sports Complex's Automobile Engineering Department. The Newsletter focuses on all Departmental Activities, illuminating the acts, events, and proceedings in which our Departmental Faculty Members and Students have enthusiastically engaged.

We are confident that you will be resourceful enough to take advantage of this circumstance in your lives. We must immediately begin fighting after failing and falling. This is how heroic tales of tenacity and perseverance will be created. The Department of Automobile Engineering makes a commitment to support you in all of your undertakings. So pay attention to your coursework. Pay attention to your lives and work to improve them every day. We are available to assist you. As the mentor of the Automobile Engineering Department and on behalf of the entire faculty, I would want to reassure you that we are here to look out for you and that we will always give you the greatest education possible.

Dr. Atanu Bhattacharya
Head of the Department
Automobile Engineering Department, DSCSITSC

About Department of Automobile Engineering

In 2009, the Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex was also founded, and this coincided with the establishment of the Department of Automobile Engineering. The department initially had a four-year B.Tech programme with a student enrollment limit of 60, but in 2014 it added a Diploma in Automobile Engineering programme with the same enrollment limit.

The department's main goal is to produce highly qualified and competent automotive engineers who have hands-on experience and are aware about the most recent developments in automotive technology. This guarantees a consistent flow of qualified experts to close the gap between market demands and academic training. This is made possible by the department's state-of-the-art laboratory facilities, which give students practical instruction in a variety of specialised areas of automobile engineering.

Students who study automobile engineering are exposed to a variety of engineering specialities, such as mechanical, electrical, electronic, and industrial design. Through this multidisciplinary approach, students can gain a thorough comprehension of the subject. Additionally, the department actively supports professional growth and industry interaction among its students by supporting student chapters connected to prestigious organisations like the Society of Automotive Engineers (SAE) and the Indian Institute of Welding (IIW).

Departmental Vision

To be recognized as a space of excellent education and quality research in the field of Automobile Engineering by adapting transformative teaching-learning process to produce ethical professionals, innovators and entrepreneurs capable of developing the society.

Departmental Mission

- To provide the students an excellent academic environment where ethical values will be disseminated along with leadership skills, leading to meaningful contributions towards our society.
- To develop a comprehensive R&D Ecosystem so that the students, faculties can innovate as per societal needs.
- To continuously upgrade the excellence of faculties through Workshops, FDPs and Seminars with the objective to connect with the rapidly changing technologies.
- To collaborate with Industries, Professional Societies and Educational Institutions for the continuous betterment of the students to become Industry-Ready/ Entrepreneurs.
- To practice updated teaching-learning methodologies where fundamental engineering concepts will be blended with different project experiences at all levels of the curriculum to generate new knowledge for the society.

MOU Signed

भारतीय गैर न्यायिक

बीस रुपये

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भारत

Rs.20

TWENTY RUPEES

सत्यमेव जयते

INDIA

INDIA NON JUDICIAL

पश्चिमबङ्गा पश्चिम बंगाल WEST BENGAL

28AA 074540

MEMORANDUM OF UNDERSTANDING (MoU)
BETWEEN
DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX
Address: Jn. Station, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074
Website: https://www.surtech.edu.in/
AND
EUREKA SCIENTECH RESEARCH FOUNDATION
Address: Saraju Villa, 5A Khalisa Kota Pally
Birati, North 24 Parganas
Kolkata – 700 051, West Bengal, India
Website:https://esrf.org.in/

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on the 1st day of February2022by and between,

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX is the First Party represented herein by its Principal / Director and **EUREKA SCIENTECH RESEARCH FOUNDATION** the Second Party, represented herein by its **Prof. Dr. Joyanta Kumar Roy, Chairman cum Managing Trustee.**

EUREKA SCIENTECH RESEARCH FOUNDATION

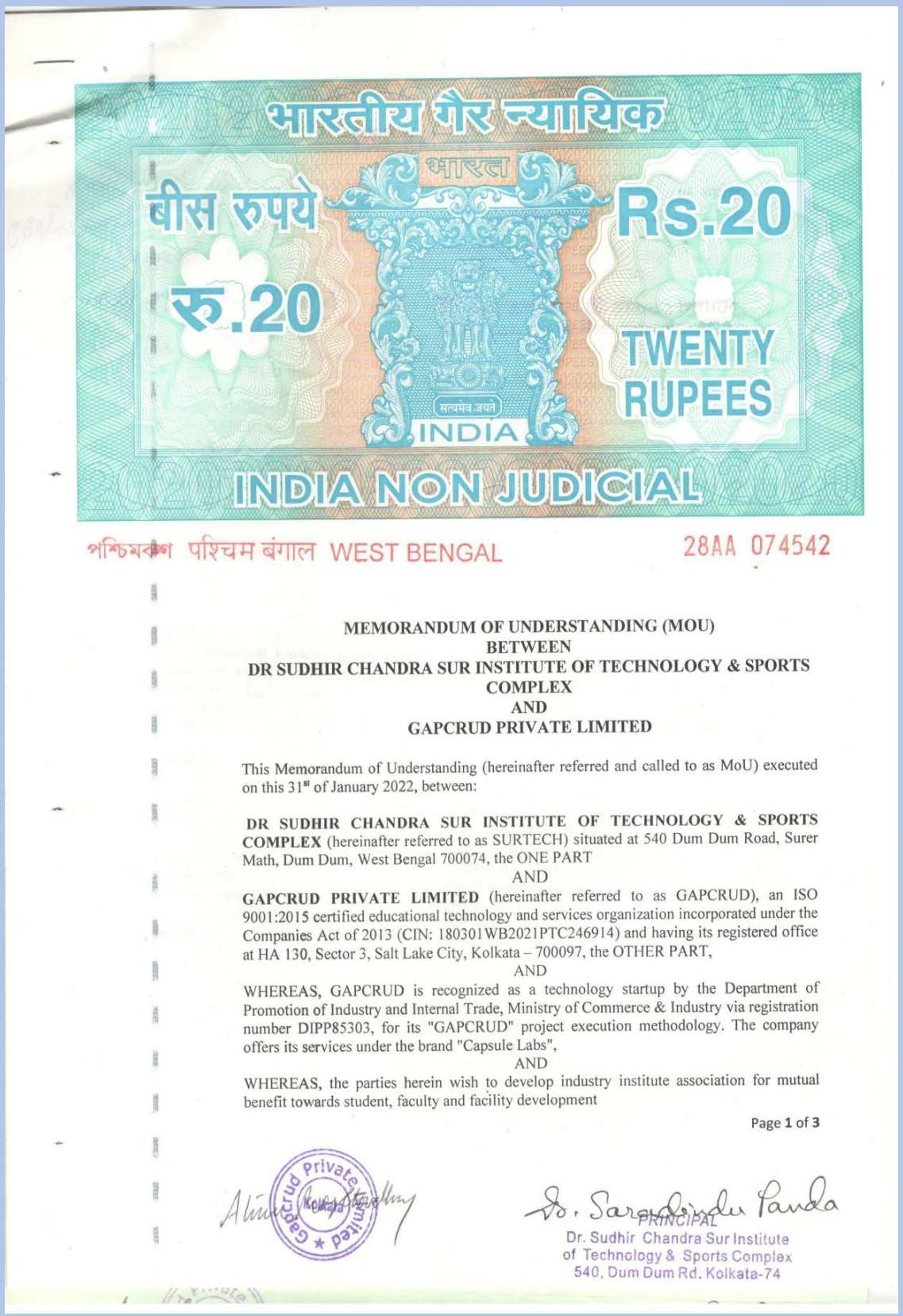
CHAIRMAN

Dr. Saradindu Panda
31/01/2022

PRINCIPAL
Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex
540, Dum Dum Rd. Kolkata-74

Page 1 of 5

Memorandum of Understanding (MoU) with Eureka Scientech Research Foundation on 01st February 2022



भारतीय गैर न्यायिक

बीस रुपये

रु.20

भारत

Rs.20

TWENTY RUPEES

सत्यमेव जयते

INDIA

INDIA NON JUDICIAL

पश्चिमबंग पश्चिम बंगाल WEST BENGAL 28AA 074542

MEMORANDUM OF UNDERSTANDING (MOU)
BETWEEN
DR SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY & SPORTS COMPLEX
AND
GAPCRUD PRIVATE LIMITED

This Memorandum of Understanding (hereinafter referred and called to as MoU) executed on this 31st of January 2022, between:

DR SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY & SPORTS COMPLEX (hereinafter referred to as SURTECH) situated at 540 Dum Dum Road, Surer Math, Dum Dum, West Bengal 700074, the ONE PART

AND

GAPCRUD PRIVATE LIMITED (hereinafter referred to as GAPCRUD), an ISO 9001:2015 certified educational technology and services organization incorporated under the Companies Act of 2013 (CIN: 180301WB2021PTC246914) and having its registered office at HA 130, Sector 3, Salt Lake City, Kolkata – 700097, the OTHER PART,

AND

WHEREAS, GAPCRUD is recognized as a technology startup by the Department of Promotion of Industry and Internal Trade, Ministry of Commerce & Industry via registration number DIPP85303, for its "GAPCRUD" project execution methodology. The company offers its services under the brand "Capsule Labs",

AND

WHEREAS, the parties herein wish to develop industry institute association for mutual benefit towards student, faculty and facility development

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Gapcrud Private Limited

Dr. Sarajindu Panda
PRINCIPAL
Dr. Sudhir Chandra Sur Institute
of Technology & Sports Complex
540, Dum Dum Rd. Kolkata-74

Memorandum of Understanding (MoU) with Gapcrud Private Limited on 31st January 2022

SurTech

Patent Publication

Sl. No.	Application No.	Title of Invention	Name of Inventor	Publication Date
1	202231053144 A	Plant Relocation Device	Arindam Mukherjee Subhajit Nandy (4th Year Stusdent)	23/09/2022
2	202231053173 A	Automobile Accessory Installation Device for Vehicles	Arindam Mukherjee Supriya Dhara	23/09/2022
3	202231053147 A	Automatic Traction Device for Vehicles	Kalyan Mukherjee Shankha Ghosh	23/09/2022
4	202231053174 A	Workpiece Cutting Device	Pritam Bhattacharjee	23/09/2022
5	202231053151 A	Wearable Gardening Assistive Device	Soujit Banerjee (4th Year Student)	23/09/2022

SurTech

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2022

(21) Application No.202231053144 A
(43) Publication Date : 23/09/2022

(54) Title of the invention : PLANT RELOCATION DEVICE

(51) International classification :B05B0013069000, B25J0005000000, A01G0023040000, C06F0003147000, F41H0009000000
(86) International Application No Filing Date :PCT// :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex
Address of Applicant :540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)Rinku Supakar
Address of Applicant :Department of Computer Science & Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------
2)Sourav Kumar Singha
Address of Applicant :Department of Civil Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------
3)Arindam Mukherjee
Address of Applicant :Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------
4)Abhishek Bysack
Address of Applicant :Department of Computer Science & Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------
5)Sumit Saha
Address of Applicant :Department of Electronics & Communication Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
6)Subhajit Nandy
Address of Applicant :Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
7)Jeet Mukherjee
Address of Applicant :Department of Mechanical Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------

(57) Abstract :
The device comprises a cylindrical housing 1 having a first and second portion 2, 3, motorized wheels 4 for movement, a display panel 5 installed on the platform for user input, an imaging unit 6 for detecting plants, multiple telescopic spades 7 to uproot plant, a chamber 8 with a meshed plate 9 fabricated for removing soil from roots, a pair of robotic arms 10 installed with the housing 1 for withdrawing the plant and placing over multiple slabs 11 configured within the housing 1 via a motorized conveyor 12, a motorized iris lid 13 to grip the plant, an expandable conical member 14 attached with the first portion 2 to dig the surface, a pusher to aid in planting, an electronic nozzle 16 with a water reservoir 17 attached to the housing 1 to dispense water, a motorized sprayer 18 coupled with a container 19 to spray solution.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2022

(21) Application No.202231053173 A
(43) Publication Date : 23/09/2022

(54) Title of the invention : AUTOMOBILE ACCESSORY INSTALLATION DEVICE FOR VEHICLES

(51) International classification :B62D0025160000, B62J0015000000, B62D0025180000, B62J0015020000, B62D0065000000
(86) International Application No Filing Date :PCT// :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex
Address of Applicant :540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)Arindam Mukherjee
Address of Applicant :Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------
2)Dr. Sayantan Chakraborty
Address of Applicant :Department of Electrical Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------
3)Subhasish Halder
Address of Applicant :Department of Mechanical Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------
4)Supriya Dhara
Address of Applicant :Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------
5)Soumita Maity
Address of Applicant :Department of Electronics & Communication Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------
6)Prince Kumar Sharma
Address of Applicant :Department of Computer Science & Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ---------- ----------

(57) Abstract :
An automobile accessory installation device for vehicles, including a frame 1 configured with multiple wheels 2 to move frame 1 towards a vehicle, a display panel 3 to enter make and model of vehicle based on which a microcontroller evaluates type of mudguard and fender lining to be installed, a primary arm 4 configured with a screw driver for dismantling screws attached with used mudguard and store within a container 5, a chamber 6 accessed by a pair of grippers 7 to withdraw evaluated type of mudguard and position on vehicle, a storage unit 8 accessed by a secondary arm 14 for assembling of mudguard on vehicle via primary arm 4, a primary nozzle 9 coupled with a water reservoir 10 for dispensing water on a fender lining followed by dispensing of polishing liquid over fender lining via a secondary nozzle 11 attached with a polishing liquid reservoir 12.

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2022

(21) Application No.202231053174 A
(43) Publication Date : 23/09/2022

(54) Title of the invention : WORKPIECE CUTTING DEVICE

(51) International classification :B25B0005000000, H01L0021304000, B41B0011070000, B25J0011000000, B23Q0001120000
(86) International Application No Filing Date :PCT// :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex
Address of Applicant :540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)Dr. Ruma Sen
Address of Applicant :Department of Mechanical Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
2)Arpita Chatterjee
Address of Applicant :Department of Mechanical Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
3)Pritam Bhattacharjee
Address of Applicant :Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
4)Tanmay Das
Address of Applicant :Department of Mechanical Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
5)Sharbendu Das
Address of Applicant :Department of Electronics & Communication Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
6)Pratyanjay Sharma
Address of Applicant :Department of Computer Science & Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------

(57) Abstract :
A workpiece cutting device, comprising a housing 2 that is mapped with a display panel 1 to enter details regarding workpiece and cuts, a four bar timelapse arm attached with a tray 4 that is connected on the housing 2 for holding the workpiece, an image capturing module 7 capturing images of the workpiece, press 8 fabricated with tray 4 for holding the workpiece at a stationary position, sensor 9 placed within the housing 2 to determine diameter and tilting angle of the workpiece, first and second cutting unit 11, 12 mounted at second portion 15 of the housing 2 to cut the workpiece in an appropriate manner and a set of motorized wheels 14 mounted over the tray 4 that is activated by the microcontroller to move the workpiece in forward direction by means of performing cutting of the workpiece in number of pieces as required by the user.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2022

(21) Application No.202231053147 A
(43) Publication Date : 23/09/2022

(54) Title of the invention : AUTOMATIC TRACTION DEVICE FOR VEHICLES

(51) International classification :B60C0023040000, A01G0025160000, B60B0035220000, B60B0001000000, B60Q0001240000
(86) International Application No Filing Date :PCT// :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex
Address of Applicant :540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)Kalyan Mukherjee
Address of Applicant :Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
2)Sinanshu Ghosh
Address of Applicant :Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
3)Dr. Abhijit Kundu
Address of Applicant :Department of Civil Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
4)Pratibha Roy
Address of Applicant :Department of Electrical Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
5)Anushka Maity
Address of Applicant :Department of Electronics & Communication Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
6)Mayuraksh Ghoshal
Address of Applicant :Department of Electrical Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
7)Dipteyndu Chatterjee
Address of Applicant :Department of Civil Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------

(57) Abstract :
The present invention relates to an automatic traction device for vehicles, comprises of rotatable disc 1 developed to be positioned on a vehicle's tire, an artificial intelligence enabled image capturing module 2 positioned on disc 1 to determine dimensions of the tire, a pair of L-shaped telescopically operated rods 3 for being extended/retracted based on dimension of disc 1, a stretchable fabric 4 for being accommodated over periphery of vehicle's tire, multiple moisture sensors 5 are fixed with fabric 4 for monitoring moisture level of a ground surface, multiple telescopically operated pins 6 mounted on fabric for providing extra grip to tire to establish proper traction, a GSM module integrated with microcontroller for generating notifications over computing unit regarding moisture level of surface and notifies the user to take another route, if the moisture level which is measured exceeds the threshold.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2022

(21) Application No.202231053151 A
(43) Publication Date : 23/09/2022

(54) Title of the invention : WEARABLE GARDENING ASSISTIVE DEVICE

(51) International classification :A41D0019000000, G06F0003010000, G06F0003160000, H04M0001600000, F16B0019060000
(86) International Application No Filing Date :PCT// :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex
Address of Applicant :540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)Amrisit Sangapta
Address of Applicant :Department of Electronics & Communication Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
2)Dr. Shefalika Ghosh Samaddar
Address of Applicant :Department of Computer Science & Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
3)Arpita Chatterjee
Address of Applicant :Department of Mechanical Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
4)Abhishek Bysack
Address of Applicant :Department of Computer Science & Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
5)Sonjit Banerjee
Address of Applicant :Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------
6)Ayan Kr. Chandra
Address of Applicant :Department of Mechanical Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, India. Kolkata ----------

(57) Abstract :
A wearable gardening assistive device comprises of a pair of wearable gloves 1 associated with device to be worn by user, multiple pneumatic blocks 2 arranged over gloves 1 to allow user to rub soil of plants, multiple conical members 3 integrated at tip portions of gloves 1 to dig soil, an image capturing module 4 to capture multiple images of surroundings, an audio unit 5 configured over one of gloves 1 for providing voice commands to user, a tactile sensor to detect hardness of soil as well as objects present over soil, a laser projection unit 6 constructed over gloves 1 to project laser light over a specific location, a nozzle 7 attached within a chamber 8 positioned over gloves 1 to dispense a pesticide solution, a container 9 arranged with gloves 1 filled with fertilizers, a valve 10 configured within conainer 9 to dispense fertilizer over the plants.

No. of Pages : 15 No. of Claims : 5

Seminars/Webinars Conducted

Sl. No.	Date	Topic Name	Speaker
1	12/02/2022	Process Innovation Development & Technology Readiness level & commercializing of Lab Technology & Tech Transfer	Dr. Debraj Bhattacharjee, Assistant Professor, Hyderabad Business School, GITAM University
2	25/02/2022	Electric Vehicle Battery Manufacturing Processes	Mr. Sourav Rakhsit, Director, Logiczap Nextgen Technologies
3	08/03/2022	Diversity and Inclusion– Women in Automotive Industry	Miss Adrita Roy, Project Manager, Hyundai Motors
4	26/03/2022	Technical Session on Vehicle Maintenance and Vehicle Safety	Mr. Sanjoy Bose, Chief Engineer of Motul, Mr. Subhankar Sett, Assistant Engineer of Motul, Mr. Sourav Samdarshi, Chief Engineer of Ceat
5	08/04/2022	Applications of Composites in Automobile Industries	Prof. (Dr.) Subhas Chandra Mondal, Professor, Department of Mechanical Engineering, IIEST, Shibpore
6	20/04/2022	EV Business Outlook	Mr. M. Kunal, Founder and Director Logiczap Nextgen Technologies
7	22/04/2022	Electric Vehicle Battery Simulation in MATLAB	Dr. Debraj Bhattacharjee, Assistant Professor, Hyderabad Business School, GITAM University
8	10/05/2022	Electric 2WTechnology	Mr. Sourav Rakshit, Director Logiczap Nextgen Technologies
9	30/05/2022	EV Battery & BMS	Mr. Sourav Rakshit, Director Logiczap Nextgen Technologies
10	08/06/2022	Electric Vehicle	Mr. Sourav Rakshit, Director Logiczap Nextgen Technologies


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By
Dr. Debraj Bhattacharjee
You
Debraj Bhattacharjee
Prohit Sil
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97 others
pxc-xezk-jgw


JIS GROUP
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Industrial Tour

Sl. No.	Name of the Industry Visited	Date
1	Topsel Trucking Bharat Benz	16/03/2022

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Industrial Training

Sl. No.	Name of the Industry	Name of the Topic	Duration
1	EV Academy	EV Mechanical Design	31/01/2022 – 04/02/2022
2	EV Academy	EV Servicing & Maintenance	
3	Mukesh Training Academy	Emission Standards for Vehicle	


MTALEARNING

Education Division of FROSTEES INDIA PVT.LTD
ISO9001:2015CertifiedCompany

TRAINING PARTNER OF N.S.D.C
(National Skill Development Corporation)

Certificate of Excellence

This is to certify that

ANIKET BHATTACHARYA

Of

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
Has successfully completed
Industrial Training
On
Emission Standards for Vehicle
form our
Mukesh Hyundai Workshop

- StartDate: 31.01.2022 End Date:04.02.2022

SauvikBera
NationalHead-EducationandTraining
MukeshTrainingAcademy


TESLA EV ACADEMY

Certificate of Completion

This is to certify that

SNEHASIS DEY

of B.Tech in Automobile Engineering has successfully completed the Industrial Training on EV Service & Maintenance from 31.01.2022 to 04.02.2022.

05 /02/ 2022
Date

Signature

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SAE INDIA Student Chapter

Sl. No.	Name of the Activity	Date
1	Celebration of World Automotive Day by Project Demonstrations	29/01/2022
2	One day Workshop on Vehicle Maintenance & Safety	26/02/2022
3	INVIGORATE 3.0	27/03/2022
4	Orientation Session	15/09/2022
5	Advances in Automobile Engineering: EGR, SCR and Electric Vehicles	07/11/2022

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IIW-INDIA Student Chapter

Sl. No.	Name of the Activity	Date
1	Weld Bead property and geometry estimation using Artificial Neural Networks	09/03/2022
2	Webinar on Gas Metal Arc Weld Cladding	21/04/2022
3	Developments in Friction Stir Spot Welding and Processing	12/05/2022
4	Orientation Session	17/08/2022
5	Quiz Competition	02/11/2022

Participation in Events

SL. No.	Name of the Students	Name of the Event	Date	Organised by
1	Sajal Mondal	Sardar Jodh Singh Memorial Volleyball Trophy	24/02/2022	Guru Nanak Institute of Technology
2	Shuvam Basak	Sardar Jodh Singh Memorial Volleyball Trophy	24/02/2022	Guru Nanak Institute of Technology
3	Abhishek Pathak	Sardar Jodh Singh Memorial Cricket Tournament	28/02/2022	Guru Nanak Institute of Technology
4	Shibashis Nag	Sardar Jodh Singh Memorial Cricket Tournament	28/02/2022	Guru Nanak Institute of Technology
5	Mithun Mazumder	KRITANJ	05/06/2022	Narula Institute of Technology
6	Ayan Bag	Basic Training Program on Fuel Injection Technology in Two Wheelers (BS6)	03/12/2022	Hero MotoCorp. Limited, Dumdum
7	Bishal Ghosh	Basic Training Program on Fuel Injection Technology in Two Wheelers (BS6)	03/12/2022	Hero MotoCorp. Limited, Dumdum
8	Subhojit Bagchi	Basic Training Program on Fuel Injection Technology in Two Wheelers (BS6)	03/12/2022	Hero Moto Corp. Limited, Dumdum
9	Soumya De	Bengal Global Trade Exhibition 2022	20 – 24/04/2022	Science City, Kolkata
10	Sumit Sinha	Bengal Global Trade Exhibition 2022	20 – 24/04/2022	Science City, Kolkata
11	Aman Singh	Bengal Global Trade Exhibition 2022	20 – 24/04/2022	Science City, Kolkata
12	Aniket Singh	Bengal Global Trade Exhibition 2022	20 – 24/04/2022	Science City, Kolkata
13	Pitam Kundu	Bengal Global Trade Exhibition 2022	20 – 24/04/2022	Science City, Kolkata
14	Hritam Lohar	Bengal Global Trade Exhibition 2022	20 – 24/04/2022	Science City, Kolkata
15	Ayan Bag	Chess Competition	24/04/2022	Baruipur Chess Academy

16	Puspendra Kumar	National Level- Online Quiz on Engineering Workshop	27/01/2022	Bharat Institute of Engineering Technology, Telangana
17	Sayan Kandar	International Day of Yoga – Quiz	04-12-22	Ministry of Ayush & MyGov India
18	Seershendu Saha	Quiz on Heroes of Indian Freedom Struggle	23/01/2022	Ministry of Education & MyGov India
19	Bishal Ghosh	Quiz on Heroes of Indian Freedom Struggle	23/01/2022	Ministry of Education & MyGov India
20	Soujit Banerjee	National Level- Online Quiz on Engineering Workshop	27/01/2022	Bharat Institute of Engineering Technology, Telangana
21	Sourav Giri	National Level- Online Quiz on Engineering Workshop	27/01/2022	Bharat Institute of Engineering Technology, Telangana
22	Sushovan Majumder	National Level Quiz on Python Programming	28/01/2022	Sigma Institute of Engineering, Vadodara
23	Raktim Roy	Quiz on Heroes of Indian Freedom Struggle	28/02/2022	Ministry of Education & MyGov India
24	Seershendu Saha	Water Quiz 2.0 – Jal Shakti Abhiyan: Catch The Rain	29/03/2022	National Water Mission & MyGov India
25	Bishal Ghosh	Water Quiz 2.0 – Jal Shakti Abhiyan: Catch The Rain	29/03/2022	National Water Mission & MyGov India
26	Shibashis Nag	International Day of Yoga – Quiz	05-05-22	Ministry of Ayush & MyGov India
27	Soumyadeep Paul	National Level- Online Quiz on Engineering Workshop	22/05/2022	Bharat Institute of Engineering Technology, Telangana
28	Soumyadeep Paul	Quiz on Pradhan Mantri Awas Yojana	25/05/2022	MyGov India
29	Rishabh Shrivastava	Quiz on Pradhan Mantri Awas Yojana	25/05/2022	MyGov India
30	Puspendra Kumar	National Level- Online Quiz on Engineering Workshop	27/01/2022	Bharat Institute of Engineering Technology, Telangana

Bharat Institute of Engineering and Technology (BIET)

Approved by AICTE, Accredited by NAAC, & Accredited by NBA: UG Programme - CSE, ECE, EEE & Mechanical
Recognized by the Govt. T.S. and Affiliated to JNTUH Hyderabad, *Ibrahimpatnam, Hyderabad-501 510*
Tel: 08414 252390, Website: http://biet.ac.in/

CERTIFICATE OF PARTICIPATION

This is to certify that

Subhojit Dey

Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex

has successfully completed "National Level- Online Quiz on Engineering Workshop" on 20-3-2023 organized by Bharat Institute of Engineering and Technology (BIET), Hyderabad, Telangana.

MR. BIKESH KUMAR
COORDINATOR

DR. MANISH SHARMA
ACADEMIC INCHARGE

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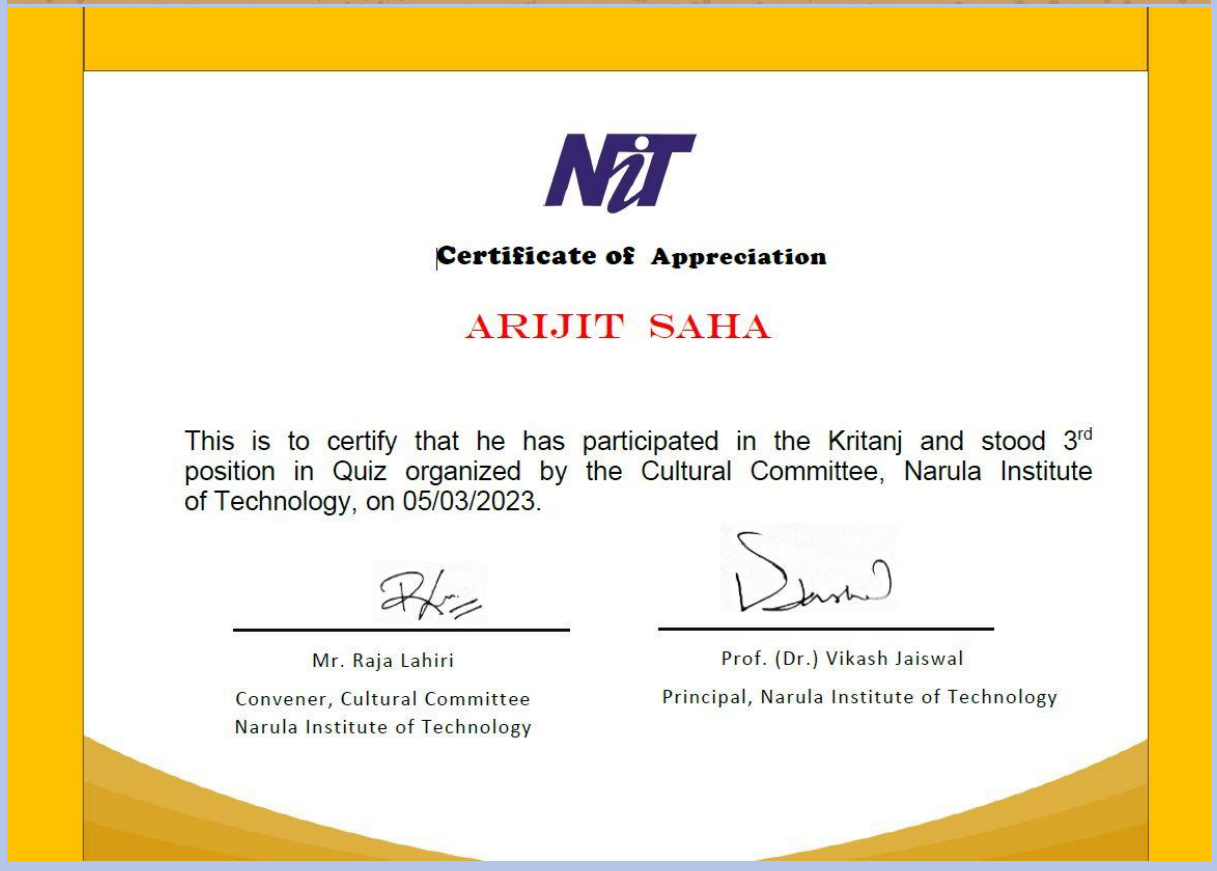

Certificate of Appreciation

ARIJIT SAHA

This is to certify that he has participated in the Kritanj and stood 3rd position in Quiz organized by the Cultural Committee, Narula Institute of Technology, on 05/03/2023.

Mr. Raja Lahiri
Convener, Cultural Committee
Narula Institute of Technology

Prof. (Dr.) Vikash Jaiswal
Principal, Narula Institute of Technology

Participation in MOOCs

Sl. No.	Name	MOOCs Course
1	Debrup Rakshit	Ideal Gases, Generative Design for Additive Manufacturing
2	Diptanu Dutta	Generative Design for Additive Manufacturing, Ideal Gases
3	Neha Kumari Singh	Ideal Gases, Generative Design for Additive Manufacturing
4	Ravinesh Sharma	Ideal Gases, Generative Design for Industrial Applications
5	Rudra Som Dutta	Generative Design for Additive Manufacturing, Ideal Gases
6	Arijit Saha	Generative Design for Additive Manufacturing, Ideal Gases
7	Sajal Mondal	Ideal Gases, Generative Design for Additive Manufacturing, Autodesk Generative Design for Manufacturing
8	Arghyadip Bhowmick	Ideal Gases, Generative Design for Additive Manufacturing
9	Sujit Das	Generative Design for Additive Manufacturing, Ideal Gases
10	Puspendra Kumar	Generative Design for Additive Manufacturing, Ideal Gases
11	Kundan Sharma	Generative Design for Additive Manufacturing, Ideal Gases
12	Naushad Alam	Generative Design for Industrial Applications, Ideal Gases
13	Shibashis Nag	Generative Design for Additive Manufacturing, Ideal Gases
14	Prantik Rakshit	Ideal Gases
15	Bidyut Roy	Generative Design for Additive Manufacturing, Ideal Gases

16	Sayan Roy	Generative Design for Additive Manufacturing, Ideal Gases
17	Snehasis Dey	Generative Design for Additive Manufacturing, Ideal Gases
18	Jibitesh Biswas	Generative Design for Additive Manufacturing, Ideal Gases
19	Sourav Kuri	Generative Design for Additive Manufacturing, Ideal Gases, Autodesk Generative Design for Manufacturing
20	Subhajit Nandy	Generative Design for Additive Manufacturing, Ideal Gases
21	Mohd Aasif	Fundamentals of Fluid Power, Introduction to Self-Driving Cars
22	Aditya Singh	Modeling and Design for Mechanical Engineers with Autodesk Fusion 360,Introduction to Self-Driving Cars
23	Anish Kumar Saha	Renewable Energy Futures, Introduction to Self-Driving Cars
24	Aman Singh	Renewable Energy Futures, Introduction to Self-Driving Cars
25	Ayan Bag	Fundamentals of Fluid Power, Modeling and Design for Mechanical Engineers with Autodesk Fusion 360
26	Bishal Ghosh	Fundamentals of Fluid Power, Introduction to Self-Driving Cars
27	Ayan Ghosh	Introduction to Self-Driving Cars, Modeling and Design for Mechanical Engineers with Autodesk Fusion 360
28	Aniket Singh	Renewable Energy Futures, Introduction to Self-Driving Cars
29	Raj Kumar Chery	Fundamentals of Fluid Power, Introduction to Self-Driving Cars
30	Imran Ansari	Fundamentals of Fluid Power, Introduction to Self-Driving Cars
31	Arghya Mondal	Renewable Energy Futures, Introduction to Self-Driving Cars

32	Pitam Kundu	Renewable Energy Futures, Introduction to Self-Driving Cars
33	Sayak Roy	Fundamentals of Fluid Power, Modeling and Design for Mechanical Engineers with Autodesk Fusion 360
34	Sayan kandar	Fundamentals of Fluid Power, Modeling and Design for Mechanical Engineers with Autodesk Fusion 360
35	Souvik Dubey	Fundamentals of Fluid Power, Introduction to Self-Driving Cars
36	Sukanta Ray	Fundamentals of Fluid Power, Modeling and Design for Mechanical Engineers with Autodesk Fusion 360
37	Sourav Giri	Fundamentals of Fluid Power, Modeling and Design for Mechanical Engineers with Autodesk Fusion 360
38	Argha Dutta	Electric Vehicle Sensors, Introduction to Self-Driving Cars
39	Ayan Maity	Electric Vehicle Sensors, Introduction to Self-Driving Cars
40	Ranjan Barman	Electric Vehicle Sensors, Introduction to Self-Driving Cars
41	Aniket Bhattacharya	Modeling and Design for Mechanical Engineers with Autodesk Fusion 360,Introduction to Self-Driving Cars
42	Biswadip Das	Fundamentals of Fluid Power, Introduction to Self-Driving Cars
43	Debojyoti Mondal	3D CAD Fundamental, Introduction to Self-Driving Cars
44	Raktim Roy	Fundamentals of Fluid Power, Introduction to Self-Driving Cars
45	Gourab Dutta	3D CAD Application, Introduction to Self-Driving Cars
46	Supriyo Sardar	Fundamentals of Fluid Power, Introduction to Self-Driving Cars

47	Seershendu saha	Fundamentals of Fluid Power, Introduction to Self-Driving Cars
48	Joydeep Roy Chowdhury	Introduction to Self-Driving Cars
49	Soumyadeep De Ray	Fundamentals of Fluid Power, Introduction to Self-Driving Cars
50	Soumyadeep Paul	Electric Vehicle Sensors, Introduction to Self-Driving Cars
51	Ayandip Bhattacharjee	Introduction to Thermodynamics: Transferring Energy from Here to There, Ideal Gases
52	Srijib Das	Introduction to Thermodynamics: Transferring Energy from Here to There, Ideal Gases
53	Deep Chakraborty	Ideal Gases, Crash Course on Python
54	Hirak Mukherjee	Introduction to Thermodynamics: Transferring Energy from Here to There, Ideal Gases
55	Rohit Das	MBSE: Model-Based Systems Engineering ,Ideal Gases
56	Rajat Naskar	Introduction to Thermodynamics: Transferring Energy from Here to There, Ideal Gases
57	Safreen Zeenat	Ideal Gases, Introduction to Thermodynamics: Transferring Energy from Here to There
58	Snehashis Kumar	Introduction to Thermodynamics: Transferring Energy from Here to There, Ideal Gases
59	Soumyajit Das	Introduction to Thermodynamics: Transferring Energy from Here to There, Ideal Gases
60	Trijit Dhara	Introduction to Thermodynamics: Transferring Energy from Here to There, Ideal Gases

61	Supriyo Adhikary	Introduction to HTML5,Crash Course on Python
62	Ankan Podder	Introduction to Thermodynamics: Transferring Energy from Here to There, Ideal Gases
63	Debolina Banerjee	Introduction to Thermodynamics: Transferring Energy from Here to There, Ideal Gases
64	Rupankar Ghosh	MBSE: Model-Based Systems Engineering
65	Krishnendu Das	Introduction to Thermodynamics: Transferring Energy from Here to There, Ideal Gases
66	Souvik Pal	Introduction to Thermodynamics: Transferring Energy from Here to There, Ideal Gases
67	Golam Oliulla	Programming for Everybody (Getting Started with Python), Introduction to Thermodynamics: Transferring Energy from Here to There, Python for Everybody
68	Amit Saha	Introduction to Thermodynamics: Transferring Energy from Here to There, Ideal Gases
69	Spandan Sadhu	Learn to Program: The Fundamentals, Introduction to HTML5,Web Design for Everybody: Basics of Web Development & Coding
70	Swagat De	Introduction to HTML5,Introduction to Thermodynamics: Transferring Energy from Here to There,Web Design for Everybody: Basics of Web Development & Coding
71	Tirthadeep Ghosh	Speak English Professionally: In Person, Online & On the Phone,Ideal Gases

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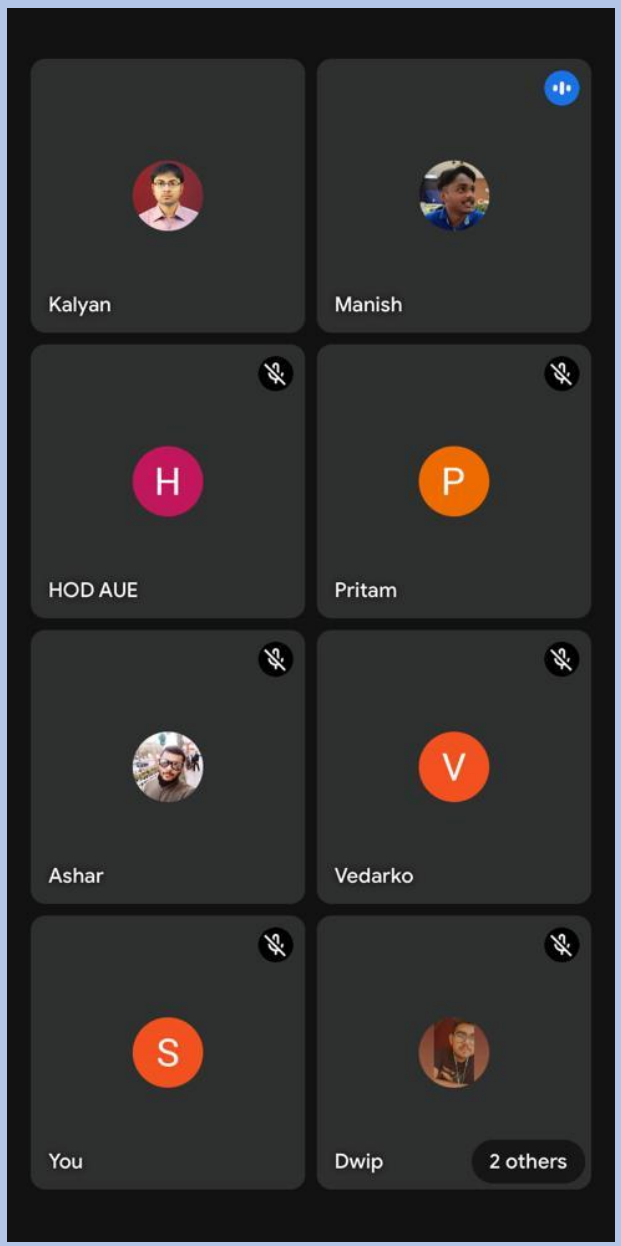
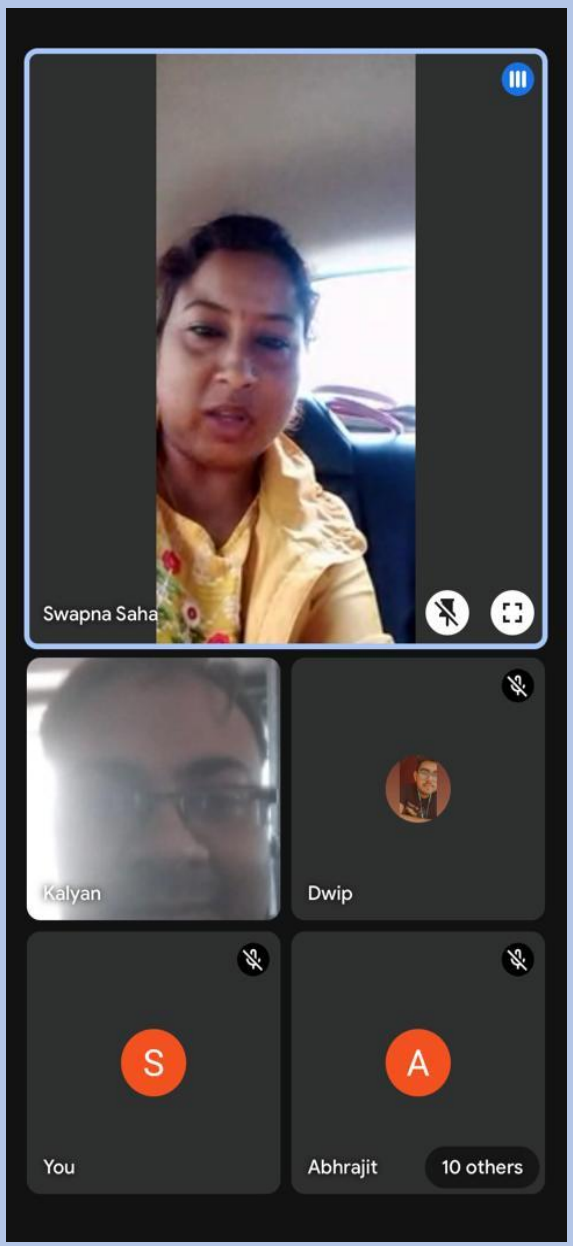
Parent Teacher Meet

Sl. No.	Date	Highlights
1	16/04/2022	Encourage and motivate pupils to create teams, improve their grades, and acquire new skills.
2	12/11/2022	





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+91 – 7557826702 / +91 – 8902496652
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540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074