



OmDayal Group of Institutions

ENGINEERING COLLEGE | ARCHITECTURE COLLEGE

Uluberia, Howrah, West Bengal-711316

AICTE & COA Approved | MAKAUT(WBUT) Affiliated | NAAC Accredited

Prof. (Dr.) Kalyan Mukherjee
Director

TO WHOM IT MAY CONCERN

This is to certify that the Number of students undertaking Projects/Field Work/ Internship for the Academic Year 2021-2022

Sl No.	Program	Number of students undertaking Projects/Field Work/ Internship
1	B.Tech in Mechanical Engineering	70
2	B.Tech in Civil Engineering	72
3	B.Tech in Computer Science and Engineering	40
4	B.Tech in Electrical Engineering	49
5	Bachelor in Architecture	69
Total Number of Students		300
Percentage of Students		29.82%

* Student undertaking more than one activity is considered as one


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Director
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Uluberia, Howrah



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Number of students of **Architecture** department undertaking Projects/Field Work/ Internship for the Academic Year 2021-2022 is 69

Program Name- Bachelor in Architecture

Program Code- 023

2021-22 Details of Internship, Architecture Department				
Sl. No.	Roll Number	Name	Organization	Duration
1	27502317039	Adrish Kundu	Anupama Kundoo architects	Six months
2	27502317038	Animesh Das	Open To sky	
3	27502317037	Anushka Sarkar	Set square Architects and Interiors	
4	27502317035	Ayan Mondal	Skematic Consultants	
5	27502317034	Barsa Karim Biswas	Arcreation Design Pvt. Ltd.	
6	27502317033	Biswajit Kundu	Radiant	
7	27502417033	Debjit Guha	Prakalpa	
8	27502317031	Jyoti Priya	Liquid Architects OPC Pvt. Ltd.	
9	27502317029	Kasturi Chakraborty	Haven Architects	
10	27502317028	Lopamudra Mondal	The Appropriate Alternative	
11	27502317027	Mallika Dey	KarunamoyKoley	
12	27502317025	Meghna Ganguly	Mozaik, Architect Anupam Maiti	
13	27502417020	Mouli Mandal	Haven Architects	
14	27502317021	Pourabi Nath	Radiant	
15	27502317020	Pranjol Ghosh	Alleya	
16	27502417016	RanitDeyroy	Subir Kumar Basu, Consulting Archirects and Engineers	
17	27502317018	Rohan Samanta	Kamat&Rozario, Bangalore	
18	27502317017	Saheli Khan	Studio Sakha, Nagpur	
19	27502317015	Sandip Kumar Sinha	Metropoilan Architecture AndConsultency Studio	
20	27502417011	Sayantana Ghosh	Atelier IX	
21	27502317010	Soumagni Das	Ranjit Bhattacharya	
22	27502417006	Sreetama Pal	Design Accord Consultants, Delhi	
23	27502317009	SrijaniGanguly	Jaydeep Mukherjee	
24	27502317008	Subhajit Ghosh	Layers Design Studio	
25	27502317007	Subhrajyoti Nag	Jasleen Wahraich, Delhi	


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26	27502317003	Suparna Mondal	Space Krafters Architects and Interior Designers, Sanchita Das
27	27502317002	Tania Roy	Sukanya & Assc
28	27502317001	Tanmoy Kumar Sutradhar	Coord Techno Consultants
29	27502417001	Vandana Rani	PWD WB
30	27502317019	Preetam Das	SDB Architects
31	27502417030	Diptangshu Hait	Haven Architects
32	27502417040	Ananya Biswas	Dimensions
33	27502417039	Ankita Das	Shelter
34	27502317036	Anyarupa Mukherjee	Abin Design Studio
35	27502417038	Arundhati Kundu	ESPACE Planning Services Pvt Ltd.
36	27502417037	Asaad Ur Rahaman	Atelier IX
37	27502417036	Ayantika Howlader	Skematic
38	27502417035	Bhaswati Sarkar	Innate
39	27502417032	Dhrubajyoti Biswas	Sukanya & Associates
40	27502317032	Hritwik Sarkar	Prashant Pradhan Architects, Siliguri
41	27502417029	Iftiker Alam	Coordinate Techno Consultants
42	27502417028	Jagriti Datta	Living Spaces
43	27502417027	Joyita Naskar	Shelter
44	27502317030	Jyotirmoy Mondal	SA Construction Design Studio
45	27502417026	Koushik Jana	Earthen Architects and Interior Designers, Kharagpur
46	27502317028	Madhuri Ghosh	A Teotia, Gandhinagar
47	27502417023	Manjima Sadhukhan	Saha and Associates
48	27502417022	Megha Chatterjee	Aggarwal Designers Pvt Ltd.
49	27502417019	Moumita Ghosh	Sanskriti Architects, THIRUPUNITHURA
50	27502317022	Olive Mukhopadhyay	Arvind & Varuna Assc. Chennai
51	27502417018	Pradipta Bera	Creative Era
52	27502417014	Rishav Ranjan Sinha	Infinite Creations
53	27502317016	Saheli Sengupta	Axis, Architects, Engineers, Planners, Interior Designers
54	27502417013	Sanchayan Mitra	Layers Des Studio
55	27502417012	Sayani Samanta	Arcreation Design Pvt. Ltd, Haldia
56	27502417010	Shaista Nawaz	Archinnovatio Studio
57	27502417009	Shilpi Saha	Kothari and Associates

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58	27502317011	Snehasish Mahata	D J Consultants and Associates
59	27502417008	Souvik Das	Archistix Consultants
60	27502317012	Srestha Chakraborty	Arc On Design Consultants
61	27502417005	Subhadeep Ghosh	Design Plas
62	27502417004	Subhodeep Chowdhury	Anjan Ukil
63	27502317004	Sudip Roy	Radiant
64	27502417003	Sweta Ghosh	M/s Preetech, BBSR
65	27502417002	Triparna Majumder	M/s Preetech, BBSR
66	27502417021	Mehnaaz Khurshid	HAVEN CONSULTANTS PVT. LTD.
67	27502417015	Rewaz Khaling rai	ARCHVIZ Studio, Ganktok
68	27502317040	Adhiraj Bose	Hicks Design Pvt Ltd
69	27502417025	Kaustav Bhadra	Sen Sen Designs


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



M/S PREETECH

Architects, Engineers
Interior Designer & PMC

✉ preetechbbsr@gmail.com

To

Date.19.01.2022

Prof.Kalyan Mukherjee
Principal, College of Architecture
Om Dayal Group of Institute

Dear Sir,

This is to confirm you that Ms.Triparna Mazumdar (Roll No.27502417002) student of 9th semester, Department of Architecture, Om Dayal Group of Institutions, Howarah had completed her Internship Programme successfully in our firm **M/S Preetech** (having regd office at S-2/8 Barabhuja Commercial Complex,Khandagiri Square, Bhubaneswar,Odisha)from 24th August'2021 to 15th of.January'2022.

During this Internship period we found her obedient, responsible & Intelligent.

We wish her success in career & life.

Thanking You

Yours Sincerely

For M/S PREETECH

Anjana Giri
(Chief Architect)



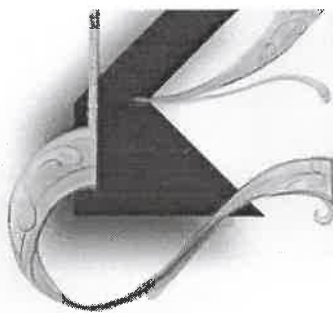
Prof. Kalyan Kumar Mukherjee
Director

Om Dayal Group of Institutions
Orubena, Howrah

Bhubaneswar Off. :
S-2/8, Barabhuja Commercial Complex, Khandagiri Square, Pin : 751030, Phone : +91 8763375430

New Delhi Off. :
106, Laxmi Nagar Trans Jamuna, New Delhi. Pin : 110092.

Kolkata Off. :
60, Shanti Nagar, Moore Avenue, Regent Park, Kolkata. Phone : +91 8434366297



space KRAFTERS
architects Interior Designers
www.spacekrafters.in
79A, Satish Mukherjee Road, Kolkata 700026
Phone - 9836233360, 9874703971
email - sanchita@spacekrafters.in, dibyakanti@spacekrafters.in

Date: 15/01/2022

TO WHOM IT MAY CONCERN

To,
Ar. Kalyan Mukherjee
Principal, College of Architecture,
OmDayal Group of Institutions
Uluberia, Howrah

Subject: Professional training of 9th semester, Architecture at our organization

This is to certify that Miss Suparna Mandal, D/O, Mr. Dilip Kr. Mandal, residing at Nabadiganta, Barbaria, Barasat, P.O.-Jagannathpur, N. 24 Paraganas, 700126, has been doing her internship in our company since 2nd. August 2021. She has been working on a few ongoing residential and commercial projects and has also visited the respective sites.

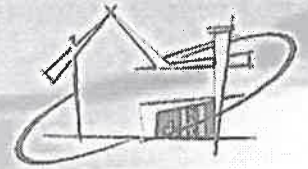
During this period, she has been punctual, sincere and has put in her best efforts on the jobs assigned to her.

We wish her a great future ahead.

SANCHITA DAS
Consulting Architect
Regn. No. CA/89/12584

Sanchita Das
Partner,
Spacekrafters Architects & Interior Designers.

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



Date: 14.01.2022

TO WHOM IT MAY CONCERN

This is to certify that **Sudeep Roy (27502317004)**, a 5 year student of Om Dayal Group of Institutions has done his Architectural Internship at **Radiant, Kolkata** from 15th July, 2021 to 15th January, 2021.

He has worked in various projects of different scales and aspect like Working Drawing, Interior Design on Residential and Institutional projects.

Sudeep was very sincere, hardworking and obedient throughout the Internship. His skills along with his self-motivation to learn new skills are very appreciable. His performance was outstanding and he was able to complete the works on time.

We wish him all the best for his upcoming career.

Regards,


SAYANTAN GHOSH
CA/2012/57103

Sayantan Ghosh
Partner (Architect)
RADIANT



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



KOTHARI & ASSOCIATES

ARCHITECTS • ENGINEERS • TOWNPLANNERS

KA : CAL : Trainee/263

Date : 17.01.2022

TO WHOM IT MAY CONCERN

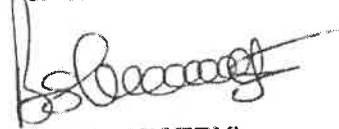
This is to certify that **MISS SHILPI SAHA** daughter of **MR. BARUN KUMAR SAHA** residing at 22/24/0, FD Road, Mullickpara, Serampore – 712203, Hooghly, West Bengal, a student of Architecture of OM Dayal Group of Institution, Uluberia, West Bengal – 711316, Registration No. 172750310072/2017 – 18, Roll No. – 27502417009 had been a Trainee in our organization from 02.08.2021 to 14.01.2022 (6 months).

During her tenure she had worked on various Projects in our office under the guidance of our Senior / Junior Architects.

Her performance was good & satisfactory.

We wish a very bright future in her field.

For KOTHARI & ASSOCIATES



(BIMAL MISTRY)



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



Weekly Status Report

B. Arch Course

Student Internship (ARCH 981)

2021-2022 (August through mid January)

Name of Student : SHILPI SAHA

Name of Organisation / Architect : KOTHARI & ASSOCIATES

Month : AUGUST, 2021

Week	Job	Description of work done	Check
1.	AMRI HOSPITAL, SALT LAKE	PLANS, ELEVATIONS, SECTIONS	NIBADITA GHOSH
2.	PROPOSED SULZER LOOM BUILDING (CHEVIOT)	ARCHITECTURAL PLANS, ELEVATIONS & SKIN SECTIONS	BIMAL MISTRY
3.	PROPOSED SULZER LOOM BUILDING (CHEVIOT) AMRI HOSPITAL, SALT LAKE	ARCHITECTURAL PLANS, ELEVATIONS & SKIN SECTIONS AREA CALCULATION	BIMAL MISTRY NIBADITA GHOSH
4.	PROPOSED SULZER LOOM BUILDING [TRUSS TYPE SINGLE SPAN SHED] (CHEVIOT)	G.A PLAN, ELEVATION, SECTIONS AND PILE LAY-OUT PLAN SHOWING VIEW OF R.C.C TIE BEAMS	BIMAL MISTRY
5.	PROPOSED SULZER LOOM BUILDING [TRUSS TYPE SINGLE SPAN SHED] (CHEVIOT)	G.A PLAN, ELEVATION, SECTIONS AND PILE LAY-OUT PLAN SHOWING VIEW OF R.C.C TIE BEAMS	BIMAL MISTRY

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly Status Report

B. Arch Course

Student Internship (ARCH 981)

2021-2022 (August through mid January)

Name of Student : SHILPI SAHA

Name of Organisation / Architect : KOTHARI & ASSOCIATES

Month : SEPTEMBER, 2021

Week	Job	Description of work done	Check
1.	PROPOSED SULZER LOOM BUILDING [TRUSS TYPE SINGLE SPAN SHED] (CHEVIOT)	G.A PLAN,ELEVATION,SECTIONS AND PILE LAY-OUT PLAN SHOWING VIEW OF R.C.C TIE BEAMS	BIMAL MISTRY
2.	PROPOSED EXTENSION OF 2 ND FLOOR AT FACTORY PREMISES AT 19 MEHTA RD. BADEKALINAGAR,P.O. & P.S. BUDGE BUDGE, DIST. 24 PARGANAS(S) (CHEVIOT)	2 ND FLOOR AND ROOF PLAN	BIMAL MISTRY
3.	PROPOSED INNOVATION HUB FOR (NCSM) BITM AT DIGHA SCIENCE CENTRE	PROPOSED GATE COMPLEX	NIBADITA GHOSH
4.	EXTENSION OF 25000 SFT. OF FACTORY SHED AT 19 MEHTA ROAD AT BUDGE BUDGE UNDER BUDGE BUDGE MUNICIPALITY (CHEVIOT)	TIE BRACING PLAN & RAFTER BRACING PLAN R.C. DETAIL OF GUTTER BEAM AND COL. SCHEDULE	BIMAL MISTRY BIMAL MISTRY
5.	EXTENSION OF 25000 SFT. OF FACTORY SHED AT 19 MEHTA ROAD AT BUDGE BUDGE UNDER BUDGE BUDGE MUNICIPALITY (CHEVIOT)	LATOUT PLAN OF COL. FDN. WITH PILE AND R.C.C. DETAIL OF PILE,PILE CAP & PLINTH BEAM	BIMAL MISTRY


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



Weekly Status Report

B. Arch Course

Student Internship (ARCH 981)

2021-2022 (August through mid January)

Name of Student : SHILPI SAHA

Name of Organisation / Architect : KOTHARI & ASSOCIATES

Month : OCTOBER, 2021

Week	Job	Description of work done	Check
1.	EXTENSION OF 25000 SFT. OF FACTORY SHED AT 19 MEHTA ROAD AT BUDGE BUDGE UNDER BUDGE BUDGE MUNICIPALITY (CHEVIOT)	LATOUT PLAN OF COL. FDN. WITH PILE AND R.C.C. DETAIL OF PILE, PILE CAP & PLINTH BEAM	BIMAL MISTRY
2.	EXTENSION OF 25000 SFT. OF FACTORY SHED AT 19 MEHTA ROAD AT BUDGE BUDGE UNDER BUDGE BUDGE MUNICIPALITY (CHEVIOT) EXISTING B.H.S. MOIRA AUDITORIUM	LATOUT PLAN OF COL. FDN. WITH PILE AND R.C.C. DETAIL OF PILE, PILE CAP & PLINTH BEAM MEASURE DRAWING	BIMAL MISTRY NIBADITA GHOSH
3.	EXISTING B.H.S. MOIRA AUDITORIUM	MEASURE DRAWING	NIBADITA GHOSH
4.			
5.	EXTENSION OF 25000 SFT. OF FACTORY SHED AT 19 MEHTA ROAD AT BUDGE BUDGE UNDER BUDGE BUDGE MUNICIPALITY (CHEVIOT)	LAYOUT PLAN OF COL. FUN. WITH PILE AND R.C.C. DETAIL OF PILE CAP & PLINTH BEAM	BIMAL MISTRY


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly Status Report

B. Arch Course

Student Internship (ARCH 981)

2021-2022 (August through mid January)

Name of Student : SHILPI SAHA

Name of Organisation / Architect : KOTHARI & ASSOCIATES

Month : NOVEMBER, 2021

Week	Job	Description of work done	Check
1.			
2.	PROPOSED EDUCATIONAL BUILDING U/S 393A OF KMC ACT 1980 FOR SHIKSHAYATAN FOUNDATION, BARA KHOLA	PARKING LAYOUT ELEVATIONS	NIBADITA GHOSH NIBADITA GHOSH
3.	PROPOSED EDUCATIONAL BUILDING U/S 393A OF KMC ACT 1980 FOR SHIKSHAYATAN FOUNDATION, BARA KHOLA	ELEVATIONS	NIBADITA GHOSH
4.	PROPOSED EDUCATIONAL BUILDING U/S 393A OF KMC ACT 1980 FOR SHIKSHAYATAN FOUNDATION, BARA KHOLA	SERVICE BUILDING SECTIONS	NIBADITA GHOSH NIBADITA GHOSH
5.	PROPOSED EDUCATIONAL BUILDING U/S 393A OF KMC ACT 1980 FOR SHIKSHAYATAN FOUNDATION, BARA KHOLA	SECTIONS	NIBADITA GHOSH


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OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly Status Report

B. Arch Course

Student Internship (ARCH 981)
2021-2022 (August through mid January)

Name of Student : SHILPI SAHA

Name of Organisation / Architect : KOTHARI & ASSOCIATES

Month : DECEMBER, 2021

Week	Job	Description of work done	Check
1.	PROPOSED POWER PLANT (CHEVIOT)	LAYOUT PLAN OF PILE FOUNDATION WITH GENERAL ARRANGEMENT PLAN	BIMAL MISTRY
2.	PROPOSED POWER PLANT (CHEVIOT)	LAYOUT PLAN OF PILE FOUNDATION WITH GENERAL ARRANGEMENT PLAN LAYOUT PLAN WITH R.C.C.C. DETAILS OF STORAGE TANK FOUNDATION AND R.C.C. DETAIL OF FUEL TREATMENT HOUSE	BIMAL MISTRY BIMAL MISTRY
3.	PROPOSED POWER PLANT (CHEVIOT)	LAYOUT PLAN WITH R.C.C.C. DETAILS OF STORAGE TANK FOUNDATION AND R.C.C. DETAIL OF FUEL TREATMENT HOUSE	BIMAL MISTRY
4.	PROPOSED POWER PLANT (CHEVIOT)	LAYOUT PLAN WITH R.C.C.C. DETAILS OF STORAGE TANK FOUNDATION AND R.C.C. DETAIL OF FUEL TREATMENT HOUSE GENERAL ARRANGEMENT PLAN & SECTIONS OF ENGINE HALL, CONTROL ROOF & MV&LV SWGR ROOM WITH R.C.C. DETAILS	BIMAL MISTRY BIMAL MISTRY
5.	PROPOSED POWER PLANT (CHEVIOT) PROPOSED WEDDING DÉCOR AT TAJ BENGAL BANQUET LAWN (OPTION – III)	GENERAL ARRANGEMENT PLAN & SECTIONS OF ENGINE HALL, CONTROL ROOF & MV&LV SWGR ROOM WITH R.C.C. DETAILS SITE PLAN & FLOOR PLAN	BIMAL MISTRY NIBADITA GHOSH


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Kharagpur, Howrah



OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly Status Report

B. Arch Course

Student Internship (ARCH 981)

2021-2022 (August through mid January)

SHILPI SAHA

Name of Student :

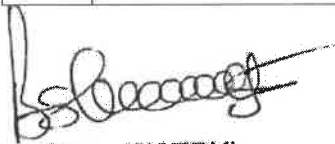
KOTHARI & ASSOCIATES

Name of Organisation / Architect :

JANUARY, 2022

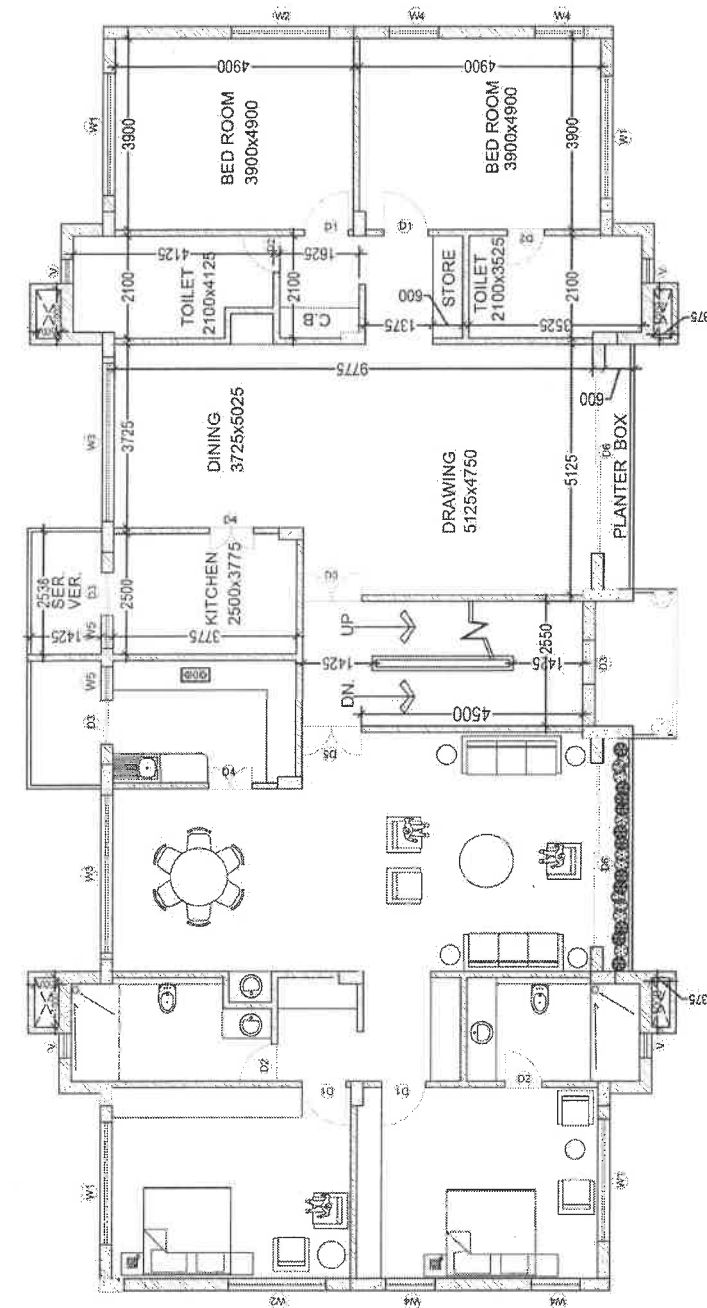
Month :

Week	Job	Description of work done	Check
1.			
2.	PROPOSED INNOVATION HUB FOR (NCSM) BITM AT DIGHA SCIENCE CENTRE PROPOSED RESIDENCE FOR TEA GARDEN	DOOR WINDOW DETAIL SITE PLAN & FLOOR PLAN	NIBADITA GHOSH NIBADITA GHOSH
3.	PROPOSED RESIDENCE FOR TEA GARDEN FLOOR PLANS	SITE PLAN & FLOOR PLAN FLOOR PLANS	NIBADITA GHOSH NIBADITA GHOSH


(BIMAL MISTRY)


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

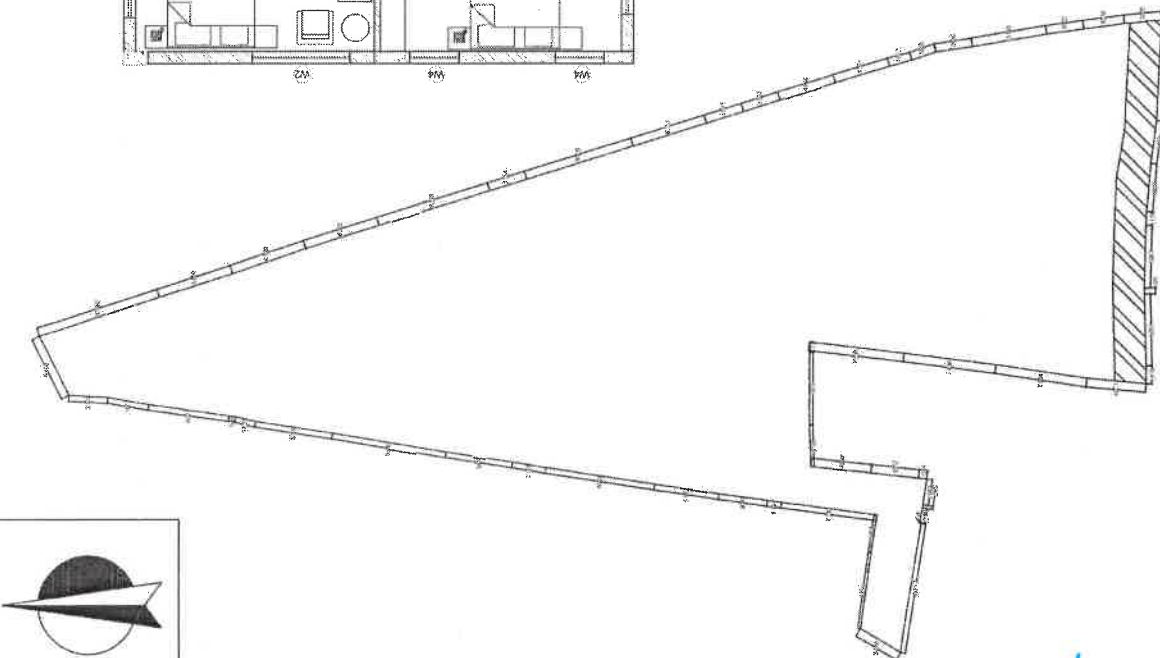
NORTH



TYPICAL FLOOR PLAN

FLAT AREA = 137.03 SQM
FLOOR AREA = 288.46 SQM

WINDOWS, VENTILATOR & DOORS SCHEDULE		
TYPE	SIZE	REMARKS
W1	2000 X 1500	GLAZED STEEL WINDOW AS PER DETAIL
W2	2000 X 1500	"
W3	3225 X 1800	"
W4	1000 X 1500	"
W5	875 X 1200	"
V	500 X 500	GLAZED STEEL VENTILATOR AS PER DETAIL
D1	900 X 2100	SINGLE PANEL DOOR AS PER DETAIL
D2	750 X 2100	"
D3	900 X 2100	SINGLE DOOR AS PER DETAIL
D4	900 X 2100	DOUBLE PANEL DOOR AS PER DETAIL
D5	1300 X 2100	"
D6	1750 X 2100	SLIDING DOOR AS PER DETAIL



AREA = 1974.35 sqm
= 1974.35 sqm

SITE PLAN

ARCHITECTS



KOTHARI & ASSOCIATES
ARCHITECTS ENGINEERS TOWN PLANNERS
148, CANAC STREET, KOLKATA - 17

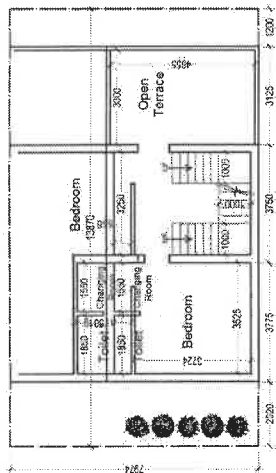
PROPOSED RESIDENCE FOR TEA GARDEN

SITE PLAN & FLOOR PLAN SCALE 1 : 100,500

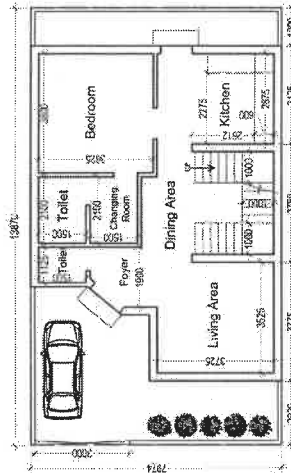
DATE : 11.01.2022

DRAWN BY: SHILPI SAHA

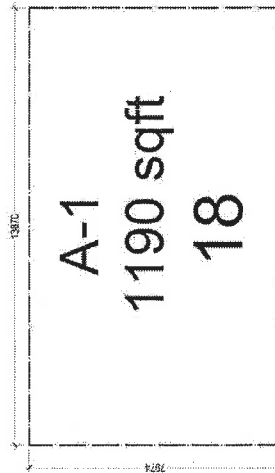
Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



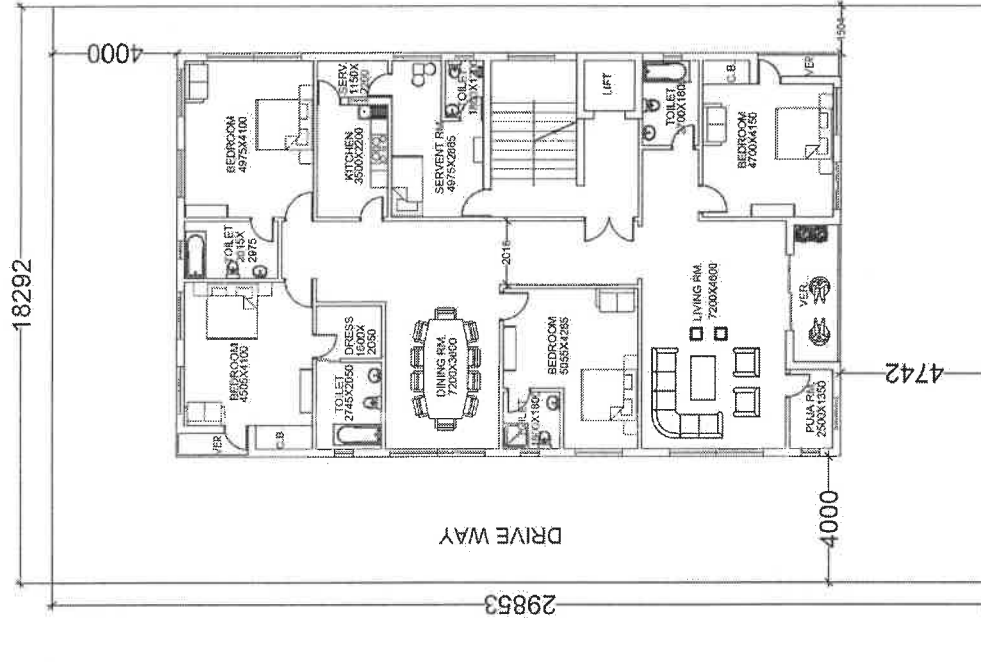
FIRST FLOOR PLAN



GROUND FLOOR PLAN



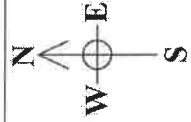
WEST FACING ENTRANCE
(1+3 Bdr)



TYPICAL FLOOR PLAN (G+4)

ARCHITECTS

K KOTHARI & ASSOCIATES
ARCHITECTS ENGINEERS TOWN PLANNERS
14B, CAMAC STREET, KOLKATA - 17



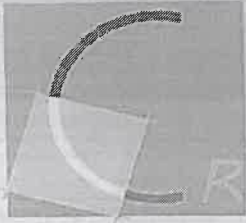
DATE : 14.01.2022
SCALE 1 : 100
DRAWN BY: SHILPI SAHA

FLOOR PLANS

ROAD

DRIVE WAY

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



CREATIVE ERA

ARCHITECTS, INTERIOR DESIGNERS, CIVIL ENGINEERS



9830060500

DA170, SECTOR 1, SALT LAKE, KOLKATA 700064

INTERNSHIP CERTIFICATE

This is to certify that Ms. Pradiptaa Bera has successfully completed her Internship (from 3rd August 2021 to 15th January 2022) from our firm.

During her internship, she has worked on various fields like- designing, 3d visualization, working drawing, site supervising etc. At work, she had proven satisfactory results and highly dependable. We found her inquisitive and hard working. She was very much interested in learning the functions of our core division and also willing to put her best efforts and get in to the depth of the subject to understand it better.

Her association with us was very fruitful and we wish her all the best for her future endeavors.

Thanks and regards,

Creative Era

Pranta Dey Sarkar

Proprietor : Pranta Dey Sarkar

Kalyan

Prof. Kalyan Kumar Mukherjee
Director

OmDayal Group of Institutions
Uluberia, Howrah



Report

B. Arch Course

Student Internship (ARCH 981)
2021(odd sem ending Jan 15,2022)

Name of Student : PRADIPTAA BERA

Name of Organisation / Architect : CREATIVE-ERA AR. PRANTA DE SARKAR

Month : August - 2021

Week	Job	Description of work done	Check
1	Interior and exterior Execution at Newtown For Arli Jain	Modification in PLAN and furniture lay out	CREATIVE ERA Pranta De Sarkar Proprietor
2	LEAVE	LEAVE FOR SEMESTER EXAM	CREATIVE ERA Pranta De Sarkar Proprietor
3	Interior and Exterior Execution at Newtown For Arli Jain	Elevation, 3D Modeling, PLAN RENDERING	CREATIVE ERA Pranta De Sarkar Proprietor
4	Interior Execution At Tangra	WORKING DRAWINGS, Furniture Elevations with Detailed measurements	CREATIVE ERA Pranta De Sarkar Proprietor
5	Interior and Exterior Execution at Newtown	Changes in PLAN and Furniture layout	CREATIVE ERA Pranta De Sarkar Proprietor
	Interior Execution at Belaghat	Digitization of PLAN	CREATIVE ERA Pranta De Sarkar Proprietor

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly
Status

Report

B. Arch Course

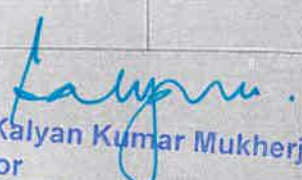
Student Internship (ARCH 981)
2021 (odd sem. ending Jan 15, 2022)

Name of Student: Pradiptaa Bera

Name of Organisation / Architect: CREATIVE-ERA AR. PRANTA DE SARKAR

Month: September - 2021

Week	Job	Description of work done	Check
1.	Interior Execution at Belegkata	Furniture layout, LISTING B.O.Q. PLAN RENDERING. FALSE CEILING & ELECTRICAL LAYOUT, FURNITURE ELEVATIONS.	CREATIVE ERA Pranta De Sarkar Proprietor
2.	Interior Execution at Behala - Thakurpukur	Digitization of PLAN, Furniture layout, Listing B.O.Q.	CREATIVE ERA Pranta De Sarkar Proprietor
3.	Interior Execution for Mr. Amitabh Kishore. Interior Execution at Behala.	Furniture layout, PLAN Render Listing B.O.Q. Digitization of PLAN and Furniture layout.	CREATIVE ERA Pranta De Sarkar Proprietor
4.	Interior-Execution at Behala - Thakurpukur.	3D-Modeling of Study Room, Att. Toilet and Option-2 for Master Bedroom.	CREATIVE ERA Pranta De Sarkar Proprietor
5.	Interior Execution at Behala	3D-Modeling of Master Bedroom and Guest Bed Room.	CREATIVE ERA Pranta De Sarkar Proprietor


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly
Status

Report

B. Arch Course

Student Internship (ARCH 981)

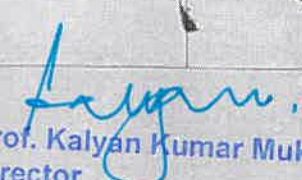
2021(odd sem ending Jan 15,2022)

Name of Student: Pradiplaa Bera

Name of Organisation / Architect: CREATIVE-ERA AR. PRANTA DE SARKAR

Month: October - 2021

Week	Job	Description of work done	Check
1.	Interior Execution at Behala	3D- Modeling	CREATIVE ER Pranta De Sarkar Proprietor
2.	Interior Execution at Behala-Thakur-Pukur	Plan Rendering, False-Ceiling and Electrical Layout.	CREATIVE ER Pranta De Sarkar Proprietor
3.	LEAVE	PUJA LEAVE	CREATIVE ER Pranta De Sarkar Proprietor
4.	Interior Execution For Mr. Amitabh Kishore.	PLAN Render and Sheet Layout.	CREATIVE ER Pranta De Sarkar Proprietor
5.	Interior Execution at Salt-lake CD Block.	3D Modeling For Daughter's Bedroom and Rendering.	CREATIVE ER Pranta De Sarkar Proprietor


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly
Status

Report

B. Arch Course

Student Internship (ARCH 981)

2021 (odd sem ending Jan 15, 2022)

Name of Student: Pradiptaa Bera

Name of Organisation / Architect: CREATIVE - ERA AR. PRANTA DE SARKAR

Month: November - 2021

Week	Job	Description of work done	Check
1	Interior Execution For Mr. Tripathi	Furniture Layout and Rendering. Furniture Elevation with detailed measurements.	CREATIVE ERA Pranta De Sarkar Proprietor
2	Interior Execution For Mr. Tripathi	3D modeling and Rendering of kitchen.	CREATIVE ERA Pranta De Sarkar Proprietor
3	Interior Execution For Mr. Amitabh Kishore.	Study Room Furniture Elevations and Detailing False Ceiling and Electrical Layout.	CREATIVE ERA Pranta De Sarkar Proprietor
4	Interior Execution For Mr. Tripathi	Kitchen and Living Room Furniture Elevations and Detailing.	CREATIVE ERA Pranta De Sarkar Proprietor
5	Interior Execution For Mr. Amitabh Kishore.	Guest Room Wardrobe Elevation and detailing	CREATIVE ERA Pranta De Sarkar Proprietor


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly
Status

Report

B. Arch Course

Student Internship (ARCH 981)


2021 (odd sem ending Jan 15, 2022)

Name of Student: Pradipta Bera

Name of Organisation / Architect: CREATIVE-ERA AR PRANTA DE SARKAR

Month: December - 2021

Week	Job	Description of work done	Check
1	Interior Execution For Mr. Tripathi	3D Modeling and Rendering For Utility Area.	OREATIVE ERA Pranta De Sarkar Pranti
2	Interior Execution at Doltala	Digitization of Plan Furniture layout. 3D Modeling of TV unit.	OREATIVE ERA Pranta De Sarkar Pranti
3	Interior Execution at Doltala	Furniture Elevations and Detailing Site visit.	OREATIVE ERA Pranta De Sarkar Pranti
4	Interior Execution at Doltala	3D Modeling of Kitchen.	OREATIVE ERA Pranta De Sarkar Pranti
5	Interior Execution at Random Street.	3D Modeling of LIVING ROOM. Sheet layout for Presentation.	OREATIVE ERA Pranta De Sarkar Pranti


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly
Status

Report

B. Arch Course


Student Internship (ARCH 981)
2021 (odd sem ending Jan 15, 2022)

Name of Student : Pradipta Bern

Name of Organisation / Architect : CREATIVE - ERA AR PRANTA DE SARKAR,

Month : January - 2022

Week	Job	Description of work done	Check
1.	Interior Execution at Rawdon Street	Site visit 3D Modeling and Rendering of Son's Bed Room.	CREATIVE ERA Pranta De Sarkar
2.	Interior Execution at Rawdon Street	3D Modeling.	CREATIVE ERA Pranta De Sarkar
3.			
4.			
5.			


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

ARCHITECTURAL INTERNSHIP REPORT

SUBMITTED BY-

PRADIPTAA BERA

ROLL: 27502417018, SEM: 9TH

OMDAYAL COLLEGE OF ARCHITECTURE



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

PREFACE

THIS REPORT IS BASED ON THE PROJECTS THAT I HAVE WORKED ON DURING THE COURSE OF MY ARCHITECTURAL TRAINING, AS A PART OF MY 9TH SEMESTER CURRICULUM.

ALL POSSIBLE INFORMATION AND DRAWINGS SUBMITTED HEREBY HAVE BEEN DEALT BY ME DURING MY ARCHITECTURAL TRAINING.

I TOOK MY PROFESSIONAL TRAINING AT-

FIRM: CREATIVE ERA

LOCATION: DA-170, SALT LAKE, KOLKATA

ARCHITECT: PRANTA DE SARKAR

INTERNSHIP PERIOD: 3RD AUGUST 2021 - 15TH JANUARY 2022

THE PRESENTATION CONTAINS A LIST OF THE CURRENT PROJECTS AT THE OFFICE THAT I HAVE WORKED ON AND THEIR ARCHITECTURAL DRAWINGS AND THE THINGS THAT I HAVE LEARNT AS A TRAINEE.

PRADIPTAA BERA


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

ACKNOWLEDGEMENT

I WOULD LIKE TO EXPRESS MY SINCERE GRATITUDE TO **CREATIVE ERA** FOR THIS OPPORTUNITY TO WORK AS A TRAINEE THAT PRIORITIZED LEARNING AND SELF-IMPROVEMENT THROUGHOUT MY INTERNSHIP PERIOD. I AM EXTREMELY GRATEFUL TO **PRANTA DE SARKAR SIR** FOR GUIDING ME AND FOR GIVING ME THIS OPPORTUNITY TO GROW.

I WOULD LIKE TO THANK PROF. KALYAN MUKHERJEE, PRINCIPAL, COLLAGE OF ARCHITECTURE, OMDAYAL GROUP OF INSTITUTIONS TO PROVIDE ME WITH THE TRAINING PROGRAM.

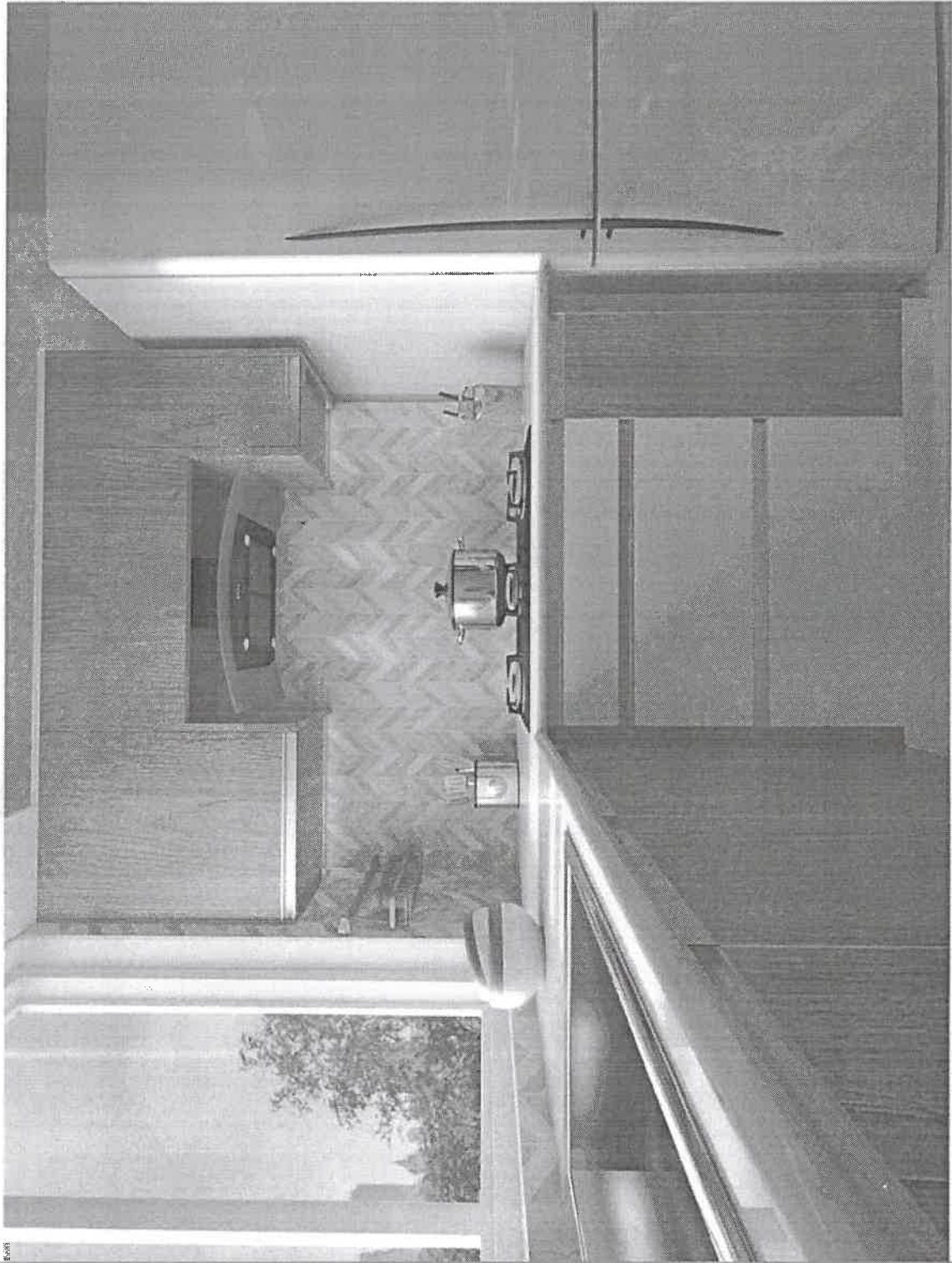
I WOULD ALSO LIKE TO THANK MY CO-TRAINEE, WHO HAVE BEEN VERY SUPPORTIVE, ENCOURAGING AND HELPFUL THROUGH OUT THE PERIOD.


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

INTERIOR
EXECUTION AT
BELEGHATA

WORK DONE BY ME:

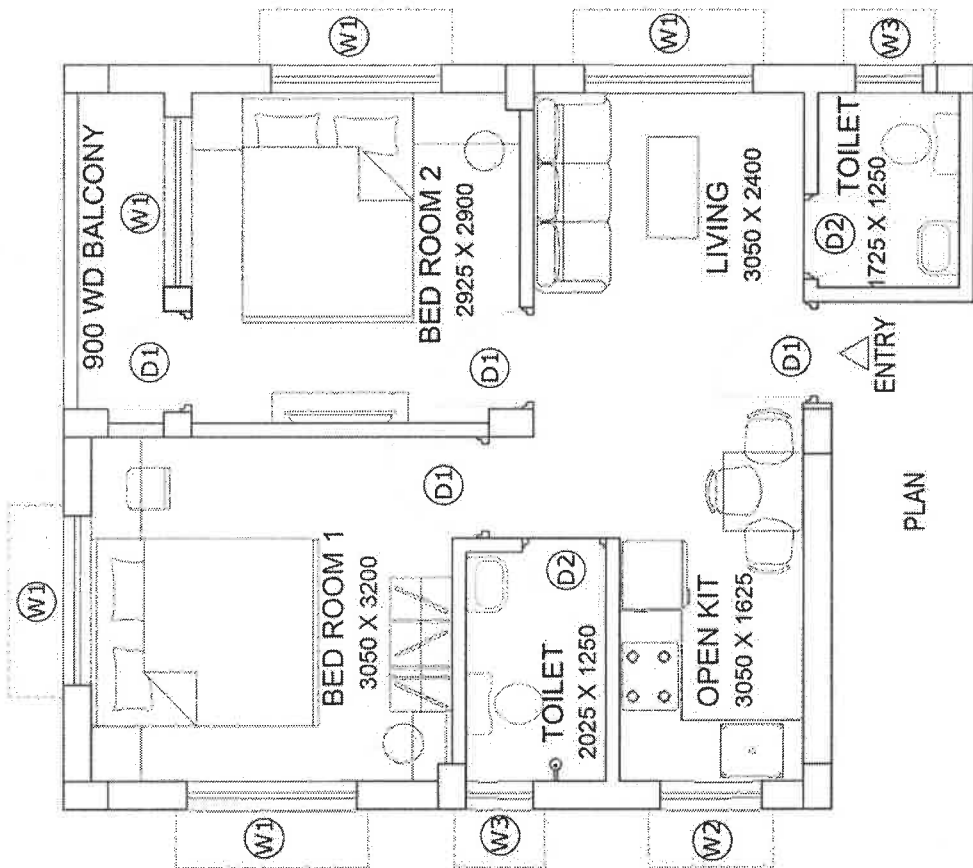
1. DIGITIZATION OF PLAN
2. FURNITURE LAY OUT.
3. PLAN RENDERING IN
PHOTOSHOP.
4. FALSE CEILING LAYOUT.
5. DETAILED ELEVATION OF
FURNITURES WITH
MEASUREMENTS.
6. 3D MODELING AND
RENDERING OF KITCHEN
7. PREPARATION OF B.O.Q



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

PLAN

FURNITURE LAYOUT



CREATIVE ERA

9830060500
creativeera18@gmail.com
DA Ground, DA Block, Sector 1,
Bidhannagar, Kolkata - 700064



FURNITURE LAYOUT



FLOOR PLAN



CREATIVE ERA
A HOUSE OF INTERIOR DESIGN & EXECUTION

28th, DECEMBER 2021

To,
Whom it may Concern

Sub: Certificate of Professional Practice for Shaista Nawaz.

Dear Sir/Madam,

This is to certify that Shaista was employed as a trainee architect with Archinnovatio (AI) Studio from 1st August, 2021 to 20th December, 2021. During this time period she worked on the following projects.

- 1) Diagnostic Centre come Residence of Dr. Rajesh Singh, Aurangabad, Bihar.
- 2) Layout Drawings and Planning of Residence of Mr. Rahul Prasanna at Ranchi, Baskhamal.
- 3) Part Designing in Water Park Project of Mr. Sallendar Jaisawal at Tapudana, Ranchi.
- 4) Alankishi Apartment, Submission Drawing.
- 5) Layouts of Flat of Mr. Manohar Drolia, Empire Apartment, Ranchi.
- 6) Interior Layouts for Residence of Mr. Aryan, Ranchi.
- 7) Conceptual Planning of Banquet Hall for Mr. Narendra, Aurangabad, Bihar.
- 8) Residential Planning and Designing for Mr. Vikash Jharsuguda.
- 9) Mr. Rajesh Agarwal - Mosque Drawing, Ranchi.
- 10) Residence of Mr. Deepak, Morabadi, Ranchi.

As a trainee Architect Shaista has shown remarkable skills in understanding the needs of the projects and successfully transformed her ideas into design proposal based on my guidance. She has a keen interest in gaining knowledge and has shown the ability to undertake independently responsibilities and meet challenges at an early stage of her professional career which is really worth appreciation. Shaista has been very sincere, punctual and highly dedicated during the entire tenure of her internship at AI Studio. She also has shown tremendous skills in handling of projects and clients and at the same time handling of tremendous pressure at times of need.

Shaista Nawaz Stands as a representation of the high standards of design education being imparted at Om Dayal College of Architecture, Howrah, West Bengal.

Wishing Shaista all the Very Best for her career ahead.

Thanking You



Ar. Arindama Nandy
Principal Architect
AI Studio

ARCHINNOVATIO STUDIO

Email: ai@archinnovatio.com

Contact: +919873442040

18, Kalinga Apartment, 8.5 Street, Tharpakhna, Ranchi-834001


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



D. J. Consultants & Associates

CERTIFICATE OF INTERNSHIP

This certificate is presented to

Snehasish Mahata

Student of B.Arch at
Om Dayal Group of Institutions

for completing 2-month Student Internship Program at
D.J. Consultants and Associates
for the month of September and October 2021

D. J. Consultants & Associates
Authorised Signatory

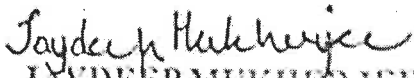
Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

TO WHOM IT MAY CONCERN

This is to certify that Ms Srijani Ganguly, has done her office training in my office from 11th of August, 2021 to 31st of December, 2021.

She has done the jobs awarded diligently. She has also done timely delivery of the project jobs to my satisfaction. She has obediently followed instructions, done detail thinking and done the drawings in an efficient manner. She has been inquisitive and has tried to solve issues in design matters, too, which is appreciating.

Wishing Ms Srijani Ganguly a bright future,


JAYDEEP MUKHERJEE
B Arch, M Arch, Registered Architect
4/2K/5, H.C.M. Sarani, Kol-61

Ar. Jaydeep Mukherjee

Kolkata


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



Layers Design Studio

Reg Office: Flat no- 301, Parul Garden,
115B/1, NSC Bose Road, Kolkata -700040
Phone: 9711703508
Email Id: dwaipayanbhatt@gmail.com
Web: www.layersdesignstudio.in

TO WHOMSOEVER IT MAY CONCERN

Training Certificate

This is to certify that **Mr.Subhajit Ghosh** was undergoing his Professional Training/ Internship in our office as an Intern architect with effect from 1st August 2021 till 14th January 2022.

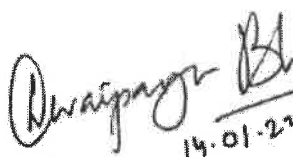
He had an opportunity to work on a variety of projects. His work and experience has spanned all phases of project- starting from concept, design development and working drawings, with his good contribution on range of tasks.

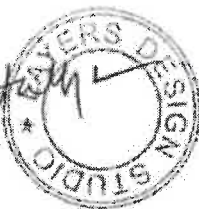
Following is a list few projects he has worked on during his tenure as an intern.

1. Utopia Housing complex, EM Bypass, Kolkata
2. Extension of Peerless Hospital, Kolkata
3. Eden Beerpara, Housing complex, Kolkata
4. Prudent Pragati, Housing complex, Kolkata
5. PS Group, Navyom, Housing Complex, Kolkata
6. Merlin Baruipur, Housing Complex, Baruipur
7. Subham Manjushree, Housing complex, Guwahati
8. Spanish Hill view, Housing complex, Guwahati

He had been sincere, diligent, disciplined, creative, keen learner and responsible towards his work and performed very well during the tenure he was here with us. His patient approach towards understanding a problem and working towards its solution is admirable.

We wish him the very best in life and in all his future endeavours.


14.01.22



Dwaipayan Bhattacharya

Partner

Layers Design Studio

ARCHITECTURE | INTERIOR | LANDSCAPE | PLANNING | GRAPHICS


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



M/S PREETECH

Architects, Engineers
Interior Designer & PMC
✉ preetechbbsr@gmail.com

To

Date.19.01.2022

Prof.Kalyan Mukherjee
Principal, College of Architecture
Om Dayal Group of Institute

Dear Sir,

This is to confirm you that Ms. Sweta Ghosh (Roll No.27502417003) student of 9th semester, Department of Architecture, Om Dayal Group of Institutions, Howarah had completed her Internship Programme successfully in our firm **M/S Preetech** (having regd office at S-2/8 Barabhuja Commercial Complex, Khandagiri Square, Bhubaneswar, Odisha) from 24th August'2021 to 15th of January'2022.

During this Internship period we found her obedient, responsible & Intelligent.

We wish her success in career & life.

Thanking You

Yours Sincerely

For M/S PREETECH

Anjana Giri
(Chief Architect)



Prof. Kalyan Kumar Mukherjee
Director
Om Dayal Group of Institutions
Uluberia, Howrah

Bhubaneswar Off. :
S-2/8, Barabhuja Commercial Complex, Khandagiri Square. Pin : 751030, Phone : +91 8763375430

Kolkata Off. :
60, Shanti Nagar, Moore Avenue, Regent Park, Kolkata. Phone : +91 9434366297

New Delhi Off. :
106, Laxmi Nagar, Trans Jamuna, New Delhi. Pin : 110092

TO WHOMSOEVER IT MAY CONCERN

Training Certificate

This is to certify that **Mr. Subhajit Ghosh** was undergoing his Professional Training/ Internship in our office as an intern architect with effect from 1st August 2021 till 14th January 2022.

He had an opportunity to work on a variety of projects. His work and experience has spanned all phases of project - starting from concept, design development and working drawings, with his good contribution on range of tasks.

Following is a list few projects he has worked on during his tenure as an intern:

1. Utopia Housing complex, EM Bypass, Kolkata
2. Extension of Peerless Hospital, Kolkata
3. Eden Borepara Housing complex, Kolkata
4. Prudent Pragati Housing complex, Kolkata
5. PS Group, Navyam, Housing Complex, Kolkata
6. Merlin Barapur, Housing Complex, Barapur
7. Subham Manushree, Housing complex, Guwahati
8. Spanish Hill view, Housing complex, Guwahati

He had been sincere, diligent, disciplined, creative, keen learner and responsible towards his work and performed very well during the tenure he was here with us. His patient approach towards understanding a problem and working towards its solution is admirable.

We wish him the very best in life and in all his future endeavours.

Dwaipayan Bhattacharya
 14.01.22

Dwaipayan Bhattacharya
 Partner
 Layers Design Studio

ARCHITECTURE | INTERIORS | LANDSCAPE | PLANNING | GRAPHICS



Layers Design Studio is a firm offering commercial landscape design services in Landscape Architecture mainly dealing with - Boutique Landscape & Garden Design, site planning, environmental design and open space planning.

One of the leading landscape architects in Kolkata and Eastern India, the firm recognizes the value of an integrated multidisciplinary method to ensure a holistic approach towards creating innovative and responsive solutions for clients. They believe that every project, while being sustainable, should have a Big Idea inspired by the local context, culture, nature, and surroundings, thus celebrating functionality, beauty and delight responsibly.

Layers Design Studio has concentrated on contemporary landscape design for a varied range of projects like institutional campus, residential complex, mass housing, individual boutique villa & bungalow, commercial projects - shopping malls & office complexes and urban spaces.



ARIDWAIDYAN BHATTACHARYA
 Principal Architect/ Proprietor

In his search for Landscape Architecture for almost over 30yrs, he has involved in the designing of spaces that "creates and enables life between the buildings". By thinking about the built landscape as a synthesis of systems, He desire to position the landscape as a framework for positive growth. He understand the economy, architecture, infrastructure, government, social fabric, structure, and environment of the site through research and put the designs through a rigorous design process to ensure that the landscapes His design are progressively innovative and support flexibility in future growth.

Professional
 Qualification

B.Arch (Kolkata)
 M.Arch(Ahmedabad), with distinction, Landscape
 Gold Medalist

Dear Sreetama Pal,

On behalf of the 'Design Accord Landscape', we extend an offer to you for the position of 'Trainee' at our office.

This position is scheduled to begin on 2nd August, 2021, With a monthly remuneration of Rs. 10,000 pm. Taxes will be deducted at source as per Govt. rule (10 % as of date).

General Information:

Office Timings: 9:30am-6:30pm, with 2nd and 4th Saturday's and all Sunday's are off,

Lunch Break: 01:00pm-01:45pm (45 Minutes)

Before active start of your service, you are requested to visit the office for overall discussion and orientation to our work, let us know your reporting program.

Sincerely



Madhup Mazumder

Principal -Landscape

I, Sreetama Pal, accept the above offer and will begin this position on: 2nd August, 2021.

Sreetama Pal
Signature:

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

Joining letter

To Whomsoever It May Concern:

This is to certify that 'Sreetama Pal' has worked with 'Design Accord Landscape' as an 'Intern' from 26th July, 2021 to 27 Dec, 2021 (5 Months).

During this period, her services were found to be satisfactory in carrying out the job duties. She had a strong urge to go into details of the project she was assigned on. We found her a talented professional with considerable ambition and a keen desire to advance her knowledge.

We wish her all the very best for the future endeavours.

For DESIGN ACCORD LANDSCAPE

Design Accord Landscape

Madhup Mazumder

(Principal)

Internship Completion certificate

Date: 31.12. 2021

TO WHOM IT MAY CONCERN

This is to certify Miss. Shrestha Chakraborty, a student of Om Dayal Group of Institutions, did her internship with this office from 15/07/2021 to 30/12/2021. During this period her worked on below following projects

Name of the Projects	Scope
Vivekananda Mission School	3D Model, Sanction drawing editing
Sanjeeva Residence	Plan Drafting
Residence for Debal Dutta Chowdhury at New Town	Flooring layout plan
Residence for Dr. Mitra's at New Town	Design development, Presentation, rendering, boundary wall sanction drawing preparation
PPR Urban Rejuvenation at CBD area of Bankura under jurisdiction of District Magistrate	Power point presentation, plan drafting, rendering
Office cum residential project for NEED 82, at Barasat	Electrical layout plan
Atindra Multiplex at Barrackpore	GFC
Saraswati Devi International School at Bankura	Presentation , Vendor

During her tenure we have found her to be very obedient and respectful with a positive attitude towards work..



Susweta Dutta,
Principal Architect
ArcOn Design Consultants



Weekly Status Report

B. Arch Course
Student Internship (ARCH 981)
2021(July through December)

Name of Student: **SHRESTHA CHAKRABORTY**

Name of Organisation / Architect: **ARCON DESIGN (Ar. Abhisekh Dutta, Ar. Susweta Das Dutta)**

Month: **July-December**

Week	Job	Description of work done	Check
1.	VIVEKANANDA MISSION SCHOOL	3D MODEL, SANCTION DRAWING, DRAFTING	
2.	SANJEEVA RESIDENCE	PLAN DRAFTING	
3.	RESIDENCE FOR DEBAL DUTTA CHOWDHURY	FLOORING PLAN, GFC, GATE DETAIL	
4.	RESIDENCE FOR DR. MITRA AT NEW TOWN	DESIGN DEVELOPMENT, PRESENTATION, RENDERING, BOUNDARY WALL SANCTION, DRAWING PREPARATION	
5.	PPR URBAN REJUVENATION AT CBD AREA OF BANKURA UNDER JURISDICTION OF DISTRICT MAGISTRATE	CLIENT PRESENTATION, PLAN DRAFTING, RENDERING, CASE STUDY	
6.	OFFICE CUM RESIDENTIAL PROJECT FOR NEED 82 AT BARASAT	ELECTRICAL LAYOUT PLAN	
7.	ATINDRA MULTIPLEX AT BARRACKPORE	LANDSCAPE	
8.	SARASWATI DEVI INTERNATIONAL SCHOOL AT BANKURA	PRESENTATION, DOCUMENTATION	

Date: 03.01.2022

EXPERIENCE CERTIFICATE

To Whomsoever It May Concern

This is certifying that Mr. Sayantan Ghosh was associated with our company ATELIER IX from 16th August 2021 to 31st December 2021 as a trainee.

His Major responsibilities included working on designing, drawing, office management and site supervision.

His exposure in this area is very good. During his tenure with us, he ably handled major responsibilities and found to be hardworking and productive.

We have found him to be self-starter who is motivated, duty bound and a highly committed team player with strong conceptual knowledge.

We at ATELIER IX, wish him all success in his future endeavours.



Subhramil Samanta

For ATELIER IX



ARCREATION DESIGN PVT. LTD.

Regd Office : 352 Jessore Road, Green Park Block- A, Kolkata-700055
Haldia Branch Office: Dabhag, City Centre, Haldia, -721657
Phone - +91 8170935599, +91 9748307974
email admin@arcreation.co.in, web: www.arcreation.co.in



ARCREATION DESIGN PVT. LTD.

Regd Office : 352 Jessore Road, Green Park Block A, Kolkata 700055
Haldia Branch Office: Dabhag, City Centre, Haldia, -721657
Phone - +91 8170935599, +91 9748307974
email admin@arcreation.co.in, web: www.arcreation.co.in



JOINING LETTER

01/07/2021

Director,
School of Architecture (ODCA)
OMDAYAL GROUP OF INSTITUTION
Uluberia- 711316
West Bengal

Respected Sir,

This is certifying that Sayani Samanta, roll number- 27502417012, 9th semester, B.Arch student, The School of Architecture ODCA, Uluberia, West Bengal has been selected at Arcreation Design Pvt. Ltd. for architectural Internship session commencing from 01/07/2021. She will continue her training till 30th November 2021 conforming to the mandatory working hours.

Thank you.



Ar. Biswajit Jana
Principal Architect
Arcreation Design Pvt. Ltd.
Haldia, West Bengal.

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

Date : 30.11.2021

To whom it may concern

I hereby certify that Ms. SAYANI SAMANTA, student of OMDAYAL GROUP OF INSTITUTION was appointed as an under graduate trainee in our company Arcreation Design Pvt. Ltd. from the period of 1st July to 30th November 2021.

During this period Ms. SAYANI SAMANTA was actively engaged in various projects and demonstrated good working skills and coordination with other employees. She is very hard working, responsible and dedicated to her works.

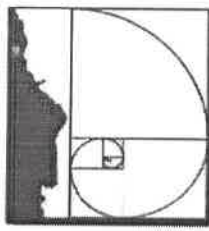
I wish her all the successes in her academic and professional career in future.

Regards,

For Arcreation Design Pvt. Ltd.



Biswajit Jana



Letter of Appreciation

To
Ms. Saheli Khan
Ichapur canal side,
santragachi
Pincode -711104
Howrah, West Bengal
+91 9163956401

We acknowledge the efforts of **Ms. Saheli Khan**, who has contributed towards the organization and management of studio's flagship heritage walk initiative, '**The Nagpur Tales**', she has contributed for **Dwellings of Dhantoli** held online at 7th August 2021. Also the heritage dialogue held at **Golibar Chowk, Nagpur** on 02nd october 2021. The entire program is executed under the guidance of Ar Sandeep Pathe, Principal architect, Sakha.

We at Sakha, believe every professional firm, shall contribute little towards the research, as it is a contribution towards our roots and our identity, thus we undertake several research assignments. 'Narrative Scripting Nagpur' is one of such flagship research program.

Narrative scripting Nagpur, is a Research publication project, its an extension to our popular public engagement and educative program, 'The Nagpur Tales: Heritage Dialogue' The Research Program include studies about the people place and past of historic areas of Nagpur city. It aim in strengthening the historic layers of City. It involves surveys done involving public engagements and also referring the available literature regarding the historic precinct. The Final outcome is a Research publication.



EVERY
CITY
HAS A
STORY

What's

Our's?

**NARRATIVES
SCRIPTING
NAGPUR**

#thenagpurtales



Yours truly


Sandeep Sanjeev Pathe
Architect

B.Arch, M.Arch (Conservation)
COA Reg. No. CA/2015/71301

(PRINCIPAL ARCHITECT, SAKHA)
ARCHITECTURE | INTERIOR | CONSERVATION


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



axis

ARCHITECTS | ENGINEERS | PLANNERS | INTERIOR DESIGNERS

To Whom it may concern

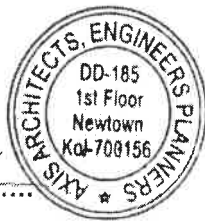
This is to certify Ms. Saheli Sengupta, daughter of Mr. Atindra Chandra Sengupta, residing at Uttarpara, Dist- Hooghly – 712258, has successfully completed her training period (1st September, 2021 to 15th January, 2022) as an architect (trainee). She has performed well in all her assignments. She is very sincere, hard-working and well-behaved.

I wish her all the success in her future endeavour.

For,

Axis,

Ar. Abhijit Saha
(Proprietor)



Date: 15.01.2022

Place: Newtown, Kolkata.



HAVEN ARCHITECTS

ARCHITECT PLANNER INTERIOR DESIGNER PMC

A/6 NEW RAIPUR, KOLKATA 700 084

Ph. No. (033) 4072 2076, Cell: 98301 79843

E-mail Address: havenarchitects@gmail.com

Website: www.havenarchitects.in

Ref: HA/TR Cert-02/21-22

Date: 10.01.2022

TO WHOM IT MAY CONCERN

I do hereby certify that **Miss. Kasturi Chakraborty** of **Om Dayal Group of Institutions** has undergone a practical training for tenure of **FIVE MONTHS** (from AUGUST 2021 to DECEMBER 2021) in our organization.

During her work period I have observed that she was diligent, hardworking and sincere towards her work. I wish her a successful professional life.

Palas Maitra
For **HAVEN ARCHITECTS**

Prof. Kalyan Kumar Mukherjee
Director
Om Dayal Group of Institutions
Uluberia, Howrah



Address: "Deul"; 34 Ballygunge Place, Kolkata- 700 019

Email: infinitecreations12@gmail.com; Website: www.infinitecreations.net.in; Contact: +91 9830494260, +91 9903065639

January 15, 2022

To,
Prof. Kalyan Mukherjee
Om Dayal group of Institutions,
Om Dayal College of Architecture
Uluberia, Howrah

Sub: Professional training of 9th Semester, Architecture by Rishav Ranjan Sinha at our organisation

Dear Sir,

This is to certify that Rishav Ranjan Sinha, s/o Mrs. Chaitali Sinha and Dr. Ranjan Sinha residing at N.C.Ghosh Lane, opposite Patna Fashion Bazaar, New Jakkampur, Patna-800001 had joined our organisation from 1st October 2021 as an intern. He has worked with us till 15th January 2022.

Rishav has been a very diligent worker in the office. He has been involved in most of the current projects as a team member. We greatly appreciate his active participation in team work, his willingness to learn, improve, explore and experiment with design drawings as well as pitch in and resolve from his end any issues faced by fellow team mates. He has provided valuable inputs in brief proposals and presentation works entrusted upon him. He has also worked on himself to improve his quality of detailing and accuracy of drawings.

We wish him a bright and successful tenure in all his future professional and other creative pursuits.

Warm Regards,

Maitreyi De
(Team Co-Ordinator, Architect and Proprietor)

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



COORDINATE TECHNO-CONSULTANTS

■ ARCHITECTS ■ URBAN DESIGNERS ■ TOWN PLANNERS
■ ENGINEERS ■ INTERIOR DESIGNERS

CTC/Staff-Misc/154/21-22

Date: 01.01.2022

TO WHOM IT MAY CONCERN

This is to certify that **IFTIKER ALOM**, son of Khorshed Alam, residing at 65/109, K.C. Sen Road, Rishra, Hooghly District, West Bengal, joined our Organization as a Student Trainee (B. Architect) on 17th August, 2021 and continued training till 1st January, 2022. During the period, he was engaged with drawing and design of projects. He was found proficient in Auto CAD / MS Office / Excel / Adobe Photoshop / Google Sketch-up. He has shown his ability in preparation of schematic drawing, working drawing, presentation drawing etc.

IFTIKER ALOM was involved with the following projects during his training:-

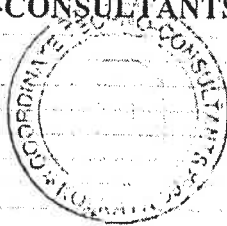
- Architectural Scheme drawing for proposed construction at Premises no. 26, Anjuman Ara Begum Row, PS: Jadavpur, Kolkata – 700033 for Community Development Medicinal Unit.
- Architectural Scheme drawing at Premises No. 242A, Archarya Prafulla Chandra Road, Kolkata-700 004.
- Architectural drawing, 3D modeling, elevation etc. for the building at P-10, C.I.T. Road, Scheme VIIM, Kolkata: 700 054.
- Commercial Complex at Lichubagan, Kanchrapara, 3D Modelling & Rendering Drawing, Floor Plan, Elevation, Section, Parking plan and Furniture layout etc.
- Presentation Drawings with site plan, landscaping, elevation, section etc. of Onkar Bliss at Durgapur Housing Project at Durgapur.
- Site inspection for three Storied Residential Building at Premises No. 47B, Sastitola Road, Kolkata-700 011.
- Architectural Scheme drawing for Avion Co-op. Housing Society Limited at Rajarhat, Kolkata.
- Architectural drawing for Mr. B.K. Singha at Chalkgaria, South 24 Parganas.
- Site inspection and preparation of Architectural drawing at Bus Terminus, Shyambazar, Kolkata for WBTIDC.
- Interior furniture drawing of Mr. Bikram Roy at Nature Nest Housing Complex at Picnic Garden, Kolkata.
- Site inspection for Construction activities of Biswa Bangla Biswa Bidyalaya at Bolpur for West Bengal Housing Infrastructure Development Corporation (WBHIDCO).

He was found punctual, sincere in his duties and honest to his profession.

We wish him all success in profession and life too.

for, **COORDINATE TECHNO-CONSULTANTS**


SOUMYENDU BISWAS
Partner

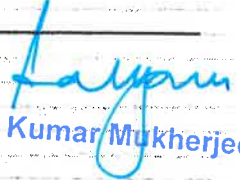


10/2, C.N. ROY ROAD, KOLKATA 700 039

DIAL : (033) 2343 8062, 2344 5426, FAX : (033) 2343 0167

E.MAIL : soumyendu.biswas@ctcpl.com, ctcpl@cal3.vsnl.net

Director


Prof. Kalyan Kumar Mukherjee
OmDayal Group of Institutions
Uluberia, Howrah

Scanned with CamScanner

INTERNSHIP CERTIFICATE

Liquid Architects OPC Private Limited

Design Studio: B-003, Nimbus The Golden Palm, Sector-168, Noida - 201305

Phone: 0120 518 5862 Mob: +91 9716503479, +91 9650213789

Email: design@liquidinc.in Website: www.liquidinc.in



House of Thoughts

18th January 2022

TO WHOM IT MAY CONCERN

I hereby verify that **Jyoti Priya**, 5th year, Architecture College, Om Dayal Group of Institutions has been working with **Liquid Architects OPC Private Limited** as an **Intern Architect** from September 2021.


She is under the mentorship of **Ar. Ishan Akhtar (CA/2015/68833)**, Principal Architect - Liquid Architects OPC Private Limited, he has been an Educator (South Delhi women's Polytechnic), BIM Consultant (The AEC Associates, Noida) and Healthcare Architect (Trapani Architects & Associates, Burlington, Massachusetts, U.S.). With his guidance she has been actively involved into:

1. Live Interior Design and build project where she was asked to survey the market for products, Detailing and drafting of hand sketches and schematic design ideas, Material takeoff from the final drawings.
2. To check her space planning ability, she was awarded small residential projects where she was found to be good, so, several other small projects followed one after another.
3. Creating presentation for a Hill housing with resort, Joelikot, Uttarakhand. Here she had a chance to see the planning of the contoured site by mapping the contours and finding the best egress to the valley with the help of Revit 3D model. Elements of sustainable and Vernacular architecture was also exposed to her with IGBC rating criteria.
4. Helping the marketing team with posts and stories for Instagram handle from the list of images/drawings from completed projects.
5. Helping team with summary and reports ranging from Building Byelaws, Building materials for Interior Design, Client Presentations, hand sketches, etc.

Her humble and open to learning attitude makes her ideal candidate to work with in a team. The company has given her opportunity to try out everything within our scope and helped her to recognise her best skills as an emerging professional.

We wish her all the best in her future endeavors.

Warm Regards,


Ar. Ishan Akhtar,
Principal Architect

Prof. Kalyan Kumar Mukherjee
Director

OmDayal Group of Institutions
Uluberia, Howrah



Date: 18.01.2022

TO WHOM IT MAY CONCERN

This is to certify that Ms. Bhaswati Sarkar, who is currently pursuing B.Arch., Ninth Semester from **Om Dayal Group of Institutions, Department of Architecture** has done her training with us, **INNATE**.

During her architectural training period from 2nd August 2021 to 17th January 2022, she has worked under our guidance and supervision, and worked primarily on presentation drawings, sanction drawings, working drawings, development of 3D views of varying projects of our organization.

We have found her to be sincere, hard-working and competent. We are satisfied with her work and wish her success in her future endeavors.

Thanks and regards

INNATE

Pratibha K. Sankaranarayanan
PARTNER

Kalyan
Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



COMPLETION CERTIFICATE

This is to certify that Mr. **Hritwik Sarkar** from **OmDayal College of Architecture** India has successfully completed his 5 months internship from 20/08/2021 to 05/01/2021 from Prashant Pradhan Architects, License no:- CA/2001/27944, an Architectural based firm in P.S Road, Gangtok, E. Sikkim and Matigara, Siliguri.

He was creative and hardworking in his work. He was very much interested to learn everything happening around and also willing to put his best efforts and get in to the depth of the subject to understand it better.

His association with us was very fruitful and we wish him all the best for his future.

Ref. No. : CA/2001/27944

Regd. No : 854/UD&HD2002

1.Address : Prashant Pradhan Architects,
Above Hotel Mist Tree Mountain,
Hospital Point, P.S. Road,
Gangtok, E. Sikkim.

2.Address : Prashant Pradhan Architects,
City Center G 501
Matigara, Siliguri

Email.id : gangtok.ppa@gmail.com

Contact Nos. : 9775274789

PRASHANT PRADHAN ARCHITECT
A/2001/27944 Regd. No. 854/UD & HD/2602
HOTEL MIST TREE MOUNTAIN
P.S. ROAD, GANGTOK - 737101

(Ar. Prashant Pradhan)

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

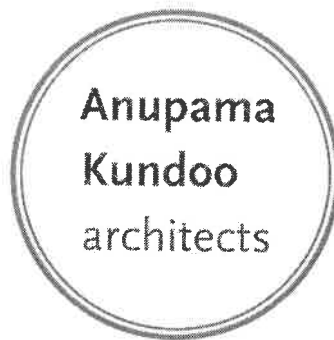
Date: 14th January 2022

CERTIFICATE OF COMPLETION OF INTERNSHIP

This is to certify **Mr. Adrish Kundu** has completed his architectural internship at Anupama Kundoo Architects, from August 2021 to January 2022. During this time, he has been engaged in number of projects, of various scales, at different stages of design and execution.

We take this opportunity to thank Adrish for the diligence, sincerity and quality of work he has accomplished within our organisation and wish him all the best for all his future endeavours.

Sincerely



Anupama Kundoo

Principal Architect

Address in Germany
Pasteur Strasse 31
10407 Berlin Germany
T +49 177 9105471

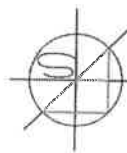
Address in India
1225/D, Paranjpe House
F C Road, Deccan Gymkhana
Pune 411 004
P +91 9850797947

Council of Architecture_India
Regn. No. CA/93/15925
Associate of the
Indian Institute of Architects

www.anupamakundoo.com
info@anupamakundoo.com



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



SUKANYA & ASSOCIATES

ARCHITECTS | URBAN DESIGNERS | ENGINEERS | PLANNERS | INTERIOR DESIGNERS



TO WHOM IT MAY CONCERN

This is to certify that **Mr. Dhrubajyoti Biswas** has undergone architectural internship in our office from **1st July 2021 to 10th January 2022**.

Dhrubajyoti has been sincere and punctual throughout his internship period. He has shown interest in all the works entrusted to him and has worked hard to meet deadlines.

An overview of the works done by him at our office is as below-

- 2d and 3d design development drawings
- Presentation drawings
- Sanction drawings
- Detail drawings
- Site visits

We have found good at his work and wish him the best.

Sukanya Dasgupta
Principal Architect and Director
Date: 10.01.22




Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



CERTIFICATE OF TRAINING

This is to certify that Debjit Guha has successfully completed the Architectural Training at our Organization. His training period was from 2nd August'2021 to 31st December'2021. During this tenure we found him a sincere, responsible & diligent towards all his assignments.

We wish him all the best and success in future.



ATANU CHAKRABORTY
Chartered Architect
CA/99/24684

Atanu Chakraborty
Chief Architect-Director

18.01.2022

AN ISO 9001 : 2008 COMPANY

145, Nanigopal Roy Chowdhury Avenue, (CIT Road), Entally, Mezzanine, 2nd, 3rd & 4th Floor, Kolkata - 700 014
Phone : 033 2265 0612, E-mail : prakalpa.arch@gmail.com, Website : www.prakalpa.in


Prof. Kalyan Kumar Mukherjee
Director
Om Dayal Group of Institutions
Uluberia, Howrah



HAVEN ARCHITECTS

ARCHITECT PLANNER INTERIOR DESIGNER PMC

A/6 NEW RAIPUR, KOLKATA 700 084

Ph. No. : (033) 4072 2076, Cell : 98301 79643

E-mail Address : havenarchitects@gmail.com

Website : www.havenarchitects.in

Ref: HA/TR.Cert-01/21-22

Date: 10.01.2022

TO WHOM IT MAY CONCERN

I do hereby certify that **Mr. Diptangshu Hait** of **Om Dayal Group of Institutions** has undergone a practical training for tenure of **SIX MONTHS** (from **AUGUST 2021** to **JANUARY 2022**) in our organization.

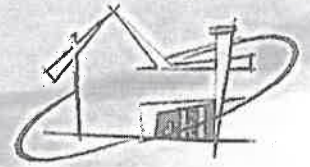
During his work period, I have observed that his work is satisfactory. I wish him a successful professional life.

Palas Maitra

Palas Maitra
For **HAVEN ARCHITECTS**

Kalyan

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



Date: 14.01.2022

TO WHOM IT MAY CONCERN

This is to certify that Biswajit Kundu (27502317033), a 5 year student of Om Dayal Group of Institutions has done his Architectural Internship at Radiant, Kolkata from 15th August, 2021 to 15th January, 2021.

He has worked in various projects of different scales and aspect like Working Drawing, Interior Design on Residential and Institutional projects.

Biswajit was very sincere, hardworking and obedient throughout the Internship. His skills along with his self-motivation to learn new skills are very appreciable. His performance was outstanding and he was able to complete the works on time.

We wish him all the best for his upcoming career.

Regards,


SAYANTAN GHOSH
CA/2012/57103

Sayantan Ghosh
Partner (Architect)
RADIANT





OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly Status Report

B. Arch Course
Student Internship (ARCH 981)
2021(July through December)

Name of Student : AYAN MANDAL

Name of Organisation / Architect : SKEMATIC CONSULTANTS / AR. PRADIP SEN

Month : AUGUST

SKEMATIC CONSULTANTS PROJECT CONSULTANTS

ARCHITECTS

ENGINEERS

PLANNERS

31st December 2021

TO WHOM IT MAY CONCERN

This is to certify that Mr. Ayan Mandal, S/O Mr. Gunadhar Mandal, a student of Bachelors of Architecture, Om Dayal Group of Institutions, MAKAUT, West Bengal, has successfully completed his internship from 15th August, 2021 to 31st December, 2021 in our organisation. During the period of his internship programme with us he was found punctual, hardworking and inquisitive.

Ar. Pradip Sen

Council of Architecture- CA/88/1156

PRADIP SEN
B.Arch (Hons.) M.Planning
COUNCIL OF ARCH. REGD. NO. CA/88/1156

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

Week	Job	Description of work done	Check
I.	Renovation, Up-gradation and standardization of school campuses at Govt. Primary School, Odisha.		
1.	i. Nagaria ii. Sasa iii. Talgania iv. Uskela	Existing and proposed site plan, presentation drawing, electrical drawing and DPR	
2.	v. Baraguda vi. Ranja vii. Sulabhadhi viii. Budhpal	Existing and proposed site plan, presentation drawing, electrical drawing and DPR	
3.	xi. Jaragude x. Kaleiposh xi. Khajurnali xii. Paragposh	Existing and proposed site plan, presentation drawing, electrical drawing and DPR	

CORPORATE OFFICE: 343, DUMDUM PARK, GROUND FLOOR, KOLKATA 700055
Tel: 033-35543508, email: schematicconsultants@gmail.com,
(Regd. Office: 8A Roy Bagan Street, Kolkata-700006)



OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly Status Report

B. Arch Course

Student Internship (ARCH 981)
2021 (July through December)

Name of Student: AYAN MANDAL

Name of Organisation / Architect: SKEMATIC CONSULTANTS / AR. PRADIP SEN

Month: SEPTEMBER

Week	Job	Description of work done	Check
I. Renovation, Up-gradation and standardization of school campuses at Govt. Primary School, Odisha.			
1.	xiii. Dhuadi xiv. JadbahalMundashahi xv. Khuntgaon xvi. Suarpali xvii. Gadruan	Existing and proposed site plan, presentation drawing, electrical drawing and DPR	
2.	xviii. Raktaposh xix. Bekudar xx. Khendraposh xxi. Lalei xxii. Tankoda	Existing and proposed site plan, presentation drawing, electrical drawing and DPR	
II. River ghat development at Krishnanagar under NamamiGangeProgramme, West Bengal			
3.	Sangam Ghat	Presentation Drawing [Plan, elevation and section]	
4.			
5.	PrabhupadaGhat	Presentation Drawing [Plan, elevation and section]	

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly Status Report

B. Arch Course

Student Internship (ARCH 981)
2021 (July through December)

Name of Student: AYAN MANDAL

Name of Organisation / Architect: SKEMATIC CONSULTANTS / AR. PRADIP SEN

Month: OCTOBER

Week	Job	Description of work done	Check
II. River ghat development at Krishnanagar under NamamiGangeProgramme, West Bengal			
1.	Prabhupada Ghat	Presentation Drawing [Plan, elevation and section]	
2.	Jalangi Ghat	Presentation Drawing [Plan, elevation and section]	
III. Proposed Indoor Stadium at Zhongshia, Meghalaya			
3.	Ground Improvement Plan	Drafting	

OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly Status Report

B. Arch Course
Student Internship (ARCH 981)
2021(July through December)

Name of Student **AYAN MANDAL**

Name of Organisation / Architect **SKEMATIC CONSULTANTS / AR. PRADIP SEN**

Month **NOVEMBER**

Week	Job	Description of work done	Check
III. Proposed Indoor Stadium at Zhongshu, Meghalaya			
1.	Ground Improvement Plan	Drafting	
IV. Development of Infrastructure for Team/ Coy NDRF, Haringhata			
2.	Finishing Schedule	BOQ	
V. Renovation, Up-gradation and standardization of school campuses at Govt. Upper Primary School, Odisha.			
3.	i. Landamunda ii. Mundagaon	Existing and proposed site plan, presentation drawing, electrical drawing, 3D views and DPR	
4.	iii. Brahmanagaon iv. Sathubatal	Existing and proposed site plan, presentation drawing, electrical drawing, 3D views and DPR	
5.	v. Kenapali	Existing and proposed site plan, presentation drawing, electrical drawing, 3D views and DPR	

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions

OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly Status Report

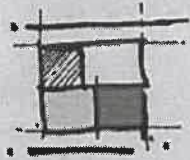
B. Arch Course
Student Internship (ARCH 981)
2021(July through December)

Name of Student **AYAN MANDAL**

Name of Organisation / Architect **SKEMATIC CONSULTANTS / AR. PRADIP SEN**

Month **DECEMBER**

Week	Job	Description of work done	Check
V. Renovation, Up-gradation and standardization of school campuses at Govt. Upper Primary School, Odisha.			
1.	vi. Sanjala vii. Pattanund	Existing and proposed site plan, presentation drawing, electrical drawing, 3D views and DPR	
2.	viii. Pogson xi. Bhogara	Existing and proposed site plan, presentation drawing, electrical drawing, 3D views and DPR	
3.	vi. ISI Academic Building Baramagar, Kolkata	Construction Site visit	
Vii. Proposed Baba Karukhirar Museum at Saharsa, Bihar			
4.	Site analysis	Primary level site study and Presentation drawing	
5.	Baba Karukhirar Museum	Concept plans, Sections, Elevations and Presentation drawing	



Set Square Architecture & Interiors

To,
The Principal,
**OMDAYAL GROUP OF INSTITUTIONS
ARCHITECTURE COLLEGE**
Campus Plot No. 38 & 39
Uluberia Birshibpur Railway Station
Uluberia, dist. Howrah, West Bengal -711316
Tel- (033) 2661 3179/ 3366/ 9007067951
Web: www.orders.in

Date: 14.1.2022

Dear Sir,

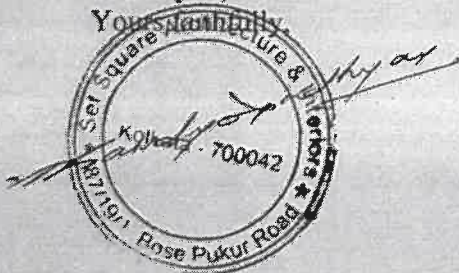
This is to certify that Ms. Anushka Sarkar, student of your college, Roll. No. 27502317037, has completed her five months training (9th semester, internship) with our organization.

During her training she has assisted in many types of projects (Residential, Commercial & Industrial) with sincere approach. She is obedient, diligent and hard working.

We wish her all the success in her future.

Thank you,

Yours faithfully,



Milan Bandyopadhyay ,
Architect /Proprietor

87 / 19 / 1, Bose Pukur Road, Kolkata - 700042
(Registered Office) ☎ (033) 2442-5072
e-mail - setsquare_milan@yahoo.com


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

Date: 31.12.2021

EXPERIENCE CERTIFICATE

To Whomsoever It May Concern


This is certifying that Mr. Asaad-Ur Rahaman was associated with our company ATELIER IX from 06th August 2021 to 31st December 2021 as a trainee.

His Major responsibilities included working on designing, drawing, office management and site supervision.


His exposure in this area is very good. During his tenure with us, he ably handled major responsibilities and found to be hardworking and productive.

We have found him to be self-starter who is motivated, duty bound and a highly committed team player with strong conceptual knowledge.

We at ATELIER IX, wish him all success in his future endeavours.



For ATELIER IX



Prof. Kalyan Kumar Mukherjee
Director

Om Dayal Group of Institutions
Uluberia, Howrah
MAIL: studio@atelier-ix.com
WEB: www.atelier-ix.com

TO WHOM IT MAY CONCERN

This is to certify that **Ms Anyarupa Mukherjee**, B. Arch. student of College of Architecture, Om Dayal Group of Institutions, Howrah, has successfully completed over 20 weeks of her professional training at our organisation from **20th August, 2021 to 08th January, 2022**.

She has been creative, sincere, hard working and intelligent. We wish her all the best in her future endeavors.

Yours sincerely,
For **Abin Design Studio**,



Abin Chaudhuri
Principal & Design Director
COA Reg. No: CA/99/24278



18th January, 2022



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



ESPACE

ESPACE PLANNING SERVICES PRIVATE LTD.
KOLKATA

35A, DR. SARAT BANERJEE ROAD, KOLKATA - 700 029, INDIA. TELE FAX : +91 33 2465-4130, 4159
EMAIL : espace@vsnl.net, WEBSITE : www.espaceindia.com

TO WHOM IT MAY CONCERN

This is to certify that Ms. **Arundhati Kundu**, the final year student of B. Arch course of Om Dayal Group of Institutions, Department of Architecture has been working with us as a Trainee Architect from 02nd August, 2021 to 31st December, 2021.

Due to the ongoing CORONA pandemic and the lockdown situation, we have given her virtual training based on distance communication.

During her tenure, she has worked as one of our team members in the online mode on the development of Working drawings, details of toilets, staircases and details for elevation treatments for multi-storied Residential apartments and commercial buildings in Kolkata and West Bengal and also in the preparation of the presentation drawings for submissions.

She is well versed in AutoCAD, Adobe Photoshop and Sketch-up and has used the software for the production of drawings and presentations for the projects in which she has worked upon.

We found in her a talented young, sincere and hardworking professional and wish her the very best in her professional career.

For Espace Planning Services Pvt Ltd,



Malay Kumar Ghosh
(Principal Architect & Director)
(COA regn no CA/92/14854)



Dated : January 7, 2022



Prof. Kalyan Kumar Mukherjee
Director
Om Dayal Group of Institutions
Uluberia, Howrah



ARCHITECTS

ENGINEERS

PLANNERS

**SKEMATIC
CONSULTANTS**
PROJECT CONSULTANTS

31st December 2021

TO WHOM IT MAY CONCERN

This is to certify that Ms. Ayantika Howlader, D/O Mr. Prasanta Kumar Howlader, a student of Bachelors of Architecture, Om Dayal Group of Institutions, MAKAUT, West Bengal, has successfully completed her internship from 15th July, 2021 to 31st December, 2021 in our organisation. During the period of her internship programme with us she was found punctual, hardworking and inquisitive.



Ar. Pradip Sen

Council of Architecture- CA/88/1156

PRADIP SEN

**B.ARCH(HONS), M.PLNG(URBAN), AIIA, AITP(I)
COUNCIL OF ARCH. REGD. NO CA/88/11558**

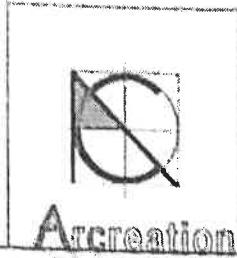


Prof. Kalyan Kumar Mukherjee
Director
Om Dayal Group of Institutions
Ghuberia, Howrah

CORPORATE OFFICE: 343, DUMDUM PARK, GROUND FLOOR, KOLKATA 700055

Tel: 033-35543508, email: skematic.consultants@gmail.com

(Regd. Office: 8A Roy Bagan Street, Kolkata-700006)



ARCREATION DESIGN PVT. LTD.

Regd Office: 352 Jessore Road; Green Park Block - A, Kolkata - 700055
Haldia Branch Office: Debhog, City Centre, Haldia, - 721657
Phone - +91 9748387974 +91 9836006927,
arcreation@hotmail.com; www.arcreation.webs.com



architecture, interiors, landscape, urban design, planning, graphics design

DESIGN PVT LTD

ARC/2021-22/EC-01

Date: 15th Jan 2022


TO WHOM IT MAY CONCERN

It is hereby informed that **Barsa Karim Biswas**, D/o Rejaul Karim Biswas, residing at Village-Kaukepara, P.O.- Debalaya, Dist- 24 pgs (N), Pin-743424 was appointed to be a part of our team **ARCREATION DESIGN PVT. LTD.** As an Architectural Intern from 01st September 2021 to 15th January 2022.


Her office time was from 10.00am to 7.00pm, with half an hour lunch break at any comfortable time. Working days are Six a week. But due to COVID situation she is advised to continue her training from home.

During her training period I found her very sincere and obedient for her work. She is very good in making 3d view and drafting. I found her very active in whatever task given. She is hardworking and devoted to her work.
I wish her to be successful in life.

Regards


P. PABITRA KUMAR GHOSH
Council of Architecture
Regn. No. CA 2008/41774

Pabitra Ghosh
Director
ARCREATION DESIGN PVT. LTD.


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



CONSULTANTS FOR HUMAN SETTLEMENT

Kolkata: Unit no 609/610, Sixth Floor, Active Business Park, 54/10 D C Dey Road, Kolkata 700015

Tel: +91-33-4044 3621 • E-mail: saugata.shelter@gmail.com / shelter010187@gmail.com

Chennai: Southern Engineering Erectors, 566 Anna Salai Teynampet, Chennai 600018

Patna: Flat No 101, Sriram Complex, Punai Chawk, Patna 800001 • Mobile: 82946 84653

TRAINING CERTIFICATE 2021

TO WHOM IT MAY CONCERN

This is to certify that, **Ms. ANKITA DAS** a ninth semester student of Bachelor of Architecture (B. Arch) at Om Dayal College of Architecture, has completed her professional training from 1st August to 31st December 2021, as an intern architect in Shelter.

She is a committed worker and has made substantial progress of her knowledge of architecture. Her attitude towards work is sincere and we wish her all success in life.

For SHELTER



Saugata Mitra
Partner



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

CERTIFICATE

Saha & Associates

61 Pratapaditya Road, Kolkata 700 026
Phone : (033) 2466 8998, 2466 8980
Email : saha.architects@gmail.com

Architecture • Engineering • Interiors • Graphics


Date: 17th January 2022

TO WHOM IT MAY CONCERN

This is certify that **MS. MANJIMA SADHUKHAN**, student of OmDayal Group of Institution, College of Architecture, underwent training in our office as an Intern, from 2nd August 2021 to 31st December 2021.

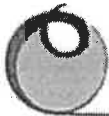
During her stay with us, she carried out all her duties with due diligence and integrity.

We wish her all success in her future endeavours.


BICHITRESH SAHA
B. Arch (Hons.), FIJA
Registered Architect
Council of Architecture
Regn. No. CA7703532



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



E A R T H E N

ARCHITECTS & INTERIOR DESIGNERS

Address: Ganapati Bose Sarani, Kaushallya, P.O. Kharagpur,
Pin code- 721301, West Midnapur, West Bengal.

DATE: 16th JAN, 2022

TO WHOM IT MAY CONCERN

We would like to confirm that Mr. Koushik Jana was associated with our firm from 15th JULY, 2021 to 15th JANUARY, 2022 as a Trainee Architect.

His Major responsibilities included concept design preparation, interior details and working drawings.

Koushik is a hardworking and enthusiastic person who is keen on learning. We wish him luck and success in all his future endeavours.

Thanking You,

Earthen, Architects & Interior Designers

DEBANJANA DEB

(PROPRIETOR)

Debanjana Deb.
EARTHEN

Proprietor

Contact Phone No. +91 8900012041 , +91 8250419455
Contact Email-ID- earthen.arch@gmail.com

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



THE APPROPRIATE ALTERNATIVE
interior, landscape, architecture, urban design, planning

CERTIFICATE OF COMPLETION

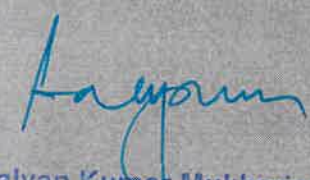
This is to certify **LOPAMUDRA MONDAL**, a ninth semester student of **OMDAYAL GROUP OF INSTITUTION**, ROLL NO- 27502317028, in course of Bachelor of Architecture, has successfully completed her professional training from 2ND August, 2021 to 14th January 2022 as an intern Architect in **THE APPROPRIATE ALTERNATIVE**.

During the period of her internship, she is found punctual and adaptive. Her conduct is satisfactory.


Ar. Anjan Mitra
Principal Architect
THE APPROPRIATE ALTERNATIVE



8 Central Road, Jodhpur, Kolkata - 700 032
T +91 33 2454 3852
E appropriatealternative@gmail.com
W www.anjanmitra.com


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



HAVEN CONSULTANTS PVT. LTD.
ARCHITECT PLANNER INTERIOR DESIGNER
14/2, Lake East 6th Road, Santoshpur, Kolkata - 700075

Mobile : 9831135861, 9830084860
Phone No. - (033) 24160085
E-mail Address - d_dipankar2000@yahoo.co.in
s.subin@yahoo.com

TO WHOM IT MAY CONCERN

This is to certify that Ms. Mouli Mandal, (Enrolment No: 2750241), student of B.Arch., 5th Year (9th Semester) from Om Dayal Group Of Institutions, Howrah, Department of Architecture, has successfully completed her 6-month training in our organisation from 1st August, 2021 to 15th January, 2022 as a trainee. She is involved in preparation of various architectural drawings including Schematic, Presentation, and Working drawings.

We have found her sincere in her work, we wish her all the success in her career.

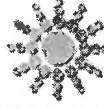
Dipankar Das

DIPANKAR DAS
B. Arch (J.U.)
CA-95-18231
IIA No.-13561



Kalyan

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



SANSKRITI ARCHITECTS

PRAGATHI ARCADE, LABOUR JN., EROOR RD., EROOR, THRIPIUNITHURA

sanskritiarchitects@yahoo.in, info@sanskritiarchitects.in

www.sanskritiarchitects.in

To Whom It May Concern

This is to certify that **Ms. MOUMITA GHOSH** was working at **Sanskriti Architects** as an **Intern** from **August 2021** to **December 2021**.

During her tenure with us we found her to be quite hardworking, sincere and keen Learner. Her job responsibilities were to:

- Assist in the development of design details, construction documents, etc.
- Coordinate drawings with drawings of other disciplines.
- Coordinate specifications with drawings to meet project requirements.
- Participate in construction administration
- Preparing sketches and addendums visiting the construction site to gather information
- Prepare presentation drawings & GFC drawings using software's such as Sketch Up , Adobe Photoshop & Auto CAD

We wish her all the best in her future

For Sanskriti Architects

Ar. Sujith K Natesh
Chief Architect



Ar. SUJITH K. NATESH
Reg. No: CA/2011/52826
SANSKRITI ARCHITECTS
"PRAGATHI ARCADE"
49/629 C, LABOUR CORNER
EROOR, TRIPUNITHURA

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



P-521 Raja Basanta Roy Road, Kolkata 700 029
Ph: 933-40570094 M: 9831183114
email: anupam.maiti@ymail.com

To,
The PRINCIPAL,
OM DAYAL GROUP OF INSTITUTIONS
OM DAYAL COLLEGE OF ARCHITECTURE,
ULUBERIA,
HOWRAH.

DATED:-03/01/22.

Student of Architecture (5TH Year),
OM DAYAL COLLEGE OF ARCHITECTURE.

EXPERIENCE CERTIFICATE.

This is to certify that Miss. Meghna Ganguly, d/o. - Sri Manas Kumar Ganguly, residing at Ichhapur, Nawabganj, District- North 24 Parganas worked under company **Morzak** as an internship trainee for 5 months (17th August -2021 to 31st December-2021) as an Architectural trainee. She practiced planning of building, drawings including elevation, sectional elevation, typical floor plan, roof plan, site plan and key plan. Apart from architectural drawing she also learnt working drawing, online Drawing, Plumbing, Electrical Drawing also. She also visited construction sites. Under the above circumstances, I wish her better prospect in future as well as she is very much sincere, obedient and hardworking woman.

Your's Faithfully,

Anupam

ANUPAM MAITI
C.O.A Registered Architect
C.A-2010/48538

ARCHITECT-anupam.morzak@yahoo.co.in
ANUPAM MAITI
C.O.A-2010/48538

EXPERIENCE CERTIFICATE

Kalyan

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ARCHITECTURE COLLEGE

Weekly Status Report





B. Arch Course

Student Internship (ARCH 981)
2020(July through December)

Name of Student :MEHNAAZ KHURSHID....

Name of Organisation / Architect :HAVEN CONSULTANTS PVT. LTD. / Ar. DIPANKAR DAS & AR. SUBIR SAHA

Month :AUGUST 21' TO JANUARY 22'


Week	Job	Description of work done	Check
1.	CBSE SCHOOL PROJECT	SITE VISIT & STUDY, FLOOR PLANS	
2.	CBSE SCHOOL PROJECT	ELEVATION , PERSPECTIVE VIEWS	
3.	CBSE SCHOOL PROJECT	RENDERING AND SHEET LAYOUT	
4.	WORKING DRAWING OF NEHRU MEMORIAL TECHNO GLOBAL HOSPITAL	FLOOR PLANS ELEVATION SECTION	


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ARCHITECTURE COLLEGE

5.	WORKING DRAWING OF NEHRU MEMORIAL TECHNO GLOBAL HOSPITAL	3D VIEW & FINAL SHEET LAYOUT	
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Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



P-521, Raju Basanta Roy Road, Kolkata 700 029.
Ph: 033-40676294 M: 9831180114,
98311 anupam.mozalk@yahoo.co.in

To,
The PRINCIPAL,
OM DAYAL GROUP OF INSTITUTIONS
OM DAYAL COLLEGE OF ARCHITECTURE,
ULUBERIA,
HOWRAH,

DATED:-03/01/22.

Student of Architecture (5TH Year),
OM DAYAL COLLEGE OF ARCHITECTURE.

EXPERIENCE CERTIFICATE.

This is to certify that Miss, Meghna Ganguly, d/o:- Sri Manas Kumar Ganguly, residing at Ichapur, Nawabganj, District- North 24 Parganas worked under company Mozaik as an internship trainee for 5 months (1st August -2021 to 31st December-2021) as an Architectural trainee. She practiced planning of building, drawings including elevation, sectional elevation, typical floor plan, roof plan, site plan and key plan. Apart from architectural drawing she also learnt working drawing, online Drawing, Plumbing, Electrical Drawing also. She also visited construction sites. Under the above circumstances, I wish her better prospect in future as well as she is very much sincere, obedient and hardworking woman.

Your's Faithfully,

ANUPAM MAITI
C.O.A. Registered Architect
CA-2010/48538

ARCHITECT: anupam.mozalk@yahoo.co.in
ANUPAM MAITI
C.O.A-2010/48538

EXPERIENCE CERTIFICATE

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

JOINING LETTER



Aggarwal
DESIGNERS (P) LTD.

ARCHITECTS | INTERIOR DESIGNERS | ENGINEERS | VALUERS | PROJECT MANAGERS | VASTU CONSULTANTS

Date: - 02-08-2021

Mrs. Megha Chatterjee
D/o of Sh. Sakti Prasad Chatterjee
7/10 Nagbagan Road, Shyambagar
24 PGS North, West Bengal
M. No:- +91-9123040926
Subject: OFFER LETTER

Dear Megha,

This refers to your application and subsequent interview. We are pleased to offer you a position as an Intern, in our company. You may join your duties with us latest by 09 August, 2021.

Other terms and conditions of your employment shall stay as discussed.

Authorized Signatory.



Regd Office: 38A, Kalyanpur City Phase, New Howrah, Sector-3, Block-D, Circle-440063, Pin-711-274003
GSTIN No. 07AEC08040172E • CIN No. U74210WB500017014074 (2001-2020) • Email No. JAC@GMAIL.COM
Email: info@aggltd.in, zaps@aggltd.in, info@aggltd.in • www.aggltd.in

EXPERIENCE CERTIFICATE



Aggarwal
DESIGNERS (P) LTD.

ARCHITECTS | INTERIOR DESIGNERS | ENGINEERS | VALUERS | PROJECT MANAGERS | VASTU CONSULTANTS

Date: 11-01-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Megha Chatterjee has done her Practical Training in our office as a trainee from 09th August, 2021 to 11th January, 2022.

She has worked in all kinds of project with her participation in design and drawing of all nature including presentation drawings, working drawings, Model Making, Detailed drawings, etc.

We wish her all the luck in future.

For Aggarwal Designers Pvt. Ltd.

Abhishek Aggarwal
(Principal Architect/Director)

Regd Office: 38A, Kalyanpur City Phase, New Howrah, Sector-3, Block-D, Circle-440063, Pin-711-274003
GSTIN No. 07AEC08040172E • CIN No. U74210WB500017014074 (2001-2020) • Email No. JAC@GMAIL.COM
Email: info@aggltd.in, zaps@aggltd.in, info@aggltd.in • www.aggltd.in

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

Subir Kumar Basu

Consulting Architects & Engineers

4, Broad Street

Kolkata - 700 019

To

Date: 15.01.2022

The Head of the Department,
Dept. of Architecture,
Om Dayal College of Architecture,
Howrah, West Bengal

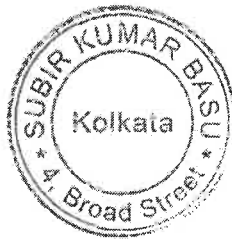
Sir,

We are pleased to certify that Mr. Ranit Dey Roy (Roll No. – 27502417016), a 5th Year student of B. Arch, Om Dayal College of Architecture, Howrah, West Bengal; was engaged in our organization w.e.f. 2nd August, 2021 to 15th January, 2022 as "Undergraduate Trainee".

His performance during this period as mentioned was excellent. He was found to be regular and attentive. The student has shown keen interest on the various aspects of Architectural Engineering and its application in the professional field.

Going by his performance at our organization, it can be said that the student has a bright future in both academic and professional career.

We wish her all the very best in future.



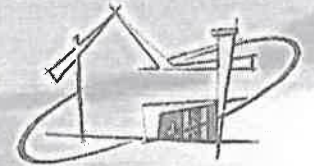
A handwritten signature in black ink that reads "Subir Kumar Basu".

Subir Kumar Basu
Consulting Architects and Engineers

A handwritten signature in blue ink that reads "Prof. Kalyan Kumar Mukherjee".

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah
& : 033 2287 0333 / 84430 75180

website : www.subirkumarbasu.com



Date: 14.01.2022

TO WHOM IT MAY CONCERN


This is to certify that **Pourabi Nath (27502317021)**, a 5th year student of Om Dayal Group of Institutions has done her Architectural Internship at **Radiant, Kolkata** from 15th July, 2021 to 15th January, 2022.

She has worked in various projects of different scales and aspect like Working Drawing, Interior Design on Residential and Institutional projects.

Pourabi was very sincere, hardworking and obedient throughout the Internship. Her skills along with her self-motivation to learn new skills are very appreciable. Her performance was outstanding and she was able to complete the works on time.

We wish her all the best for her upcoming career.

Regards,


SAYANTAN GHOSH
CA/2012/57103

Sayantan Ghosh
Partner (Architect)
RADIANT



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



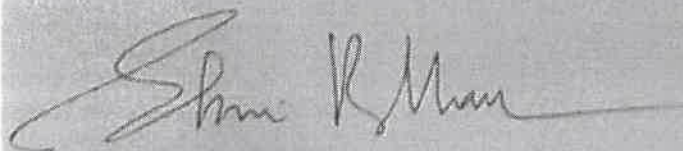
To Whom It May Concern

This is to certify that **Mr. Rewaz Khaling Rai** has been working as an intern in our firm from Aug 21st 2021 till date. He has been working diligently and his contribution to our firm has been vital. He is, by all means a fast and a keen learner. He handles work professionally and has always kept a positive attitude.

Some of his field of contribution to our firm :

- Working in conceptual design.
- Architectural drawing and Good for construction drawings.
- Preparation of presentation and presenting them to the clients.
- Assits in site visits, carried on with thorough study of the site, measurements and related sketches.
- Proficient in softwares like Autocad, sketchup and photoshop.

If there is any further questions regarding his work please do not hesitate to contact me for I will gladly help.



Ar. Eban Pradhan
Reg. no: CA/2017/89251
ARCHIVIZ STUDIO

ARCHITECTURE AND
ENGINEERING FIRM

MG MARG, GANGTOK



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



www.innateindia.com

Date: 18.01.2022

TO WHOM IT MAY CONCERN

This is to certify that Ms. Bhaswati Sarkar, who is currently pursuing B.Arch., Ninth Semester from **Om Dayal Group of Institutions, Department of Architecture** has done her training with us, INNATE.

During her architectural training period from 2nd August 2021 to 17th January 2022, she has worked under our guidance and supervision, and worked primarily on presentation drawings, sanction drawings, working drawings, development of 3D views of varying projects of our organization.

We have found her to be sincere, hard-working and competent. We are satisfied with her work and wish her success in her future endeavors.

Thanks and regards

INNATE

PARTNER

Anirban Bhaduri
Architect and Partner
INNATE

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

26/2, Bellarygunge Circular Road, Udayan Park, 3rd Floor, Kolkata- 700 019
T: [+91] 33 4000 64 22 / 23 / 24 / 25 / 26
E: innatekolkata04@gmail.com, innate_kolkata@yahoo.co.in



OmDayal Group of Institutions

ENGINEERING COLLEGE | ARCHITECTURE COLLEGE

Uluberia, Howrah, WestBengal-711316

AICTE & COA Approved | MAKAUT (WBUT) Affiliated | NAAC accredited

Number of students of **Civil Engineering** department undertaking Projects/Field Work/ Internship for the Academic Year 2021-2022 is 72.

Program Name- B.Tech in Civil Engineering

Program Code- 013

2021-22 Details of Project/ Internship/ Field work, Civil Engineering Department					
Sl. No	Roll No	Name	Title of the project/ Internship/ Field work	Duration	Organization
1	27501318029	Swarnendu Patra	"Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil"	1 year	OmDayal Group of Institutions
2	27501318030	Md Shahzad Alam	Rooftop Rainwater Harvesting by Recycling Methods		
3	27501318031	Koushik Sen	Rooftop Rainwater Harvesting by Recycling Methods		
4	27501318032	Debojyoti Ghosh	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE"		
5	27501318033	Ankush Samanta	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE"		
6	27501319001	SUBHAMAY BERA	Rooftop Rainwater Harvesting by Recycling Methods		


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



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ENGINEERING COLLEGE | ARCHITECTURE COLLEGE

Uluberia, Howrah, WestBengal-711316

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7	27501319002	Milan Garai	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE”
8	27501319003	Soumen Senapati	The application of GPS Technology in Existing Metro Projects and a review of its future scope in metro railway systems in India”
9	27501319004	Sayani Karan	The application of GPS Technology in Existing Metro Projects and a review of its future scope in metro railway systems in India”
10	27501319005	SUDIP BERA	“Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil”
11	27501319006	Pradipta kallat	“Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil”
12	27501319007	SANTANU PRAMANIK	Rooftop Rainwater Harvesting by Recycling Methods


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ENGINEERING COLLEGE | ARCHITECTURE COLLEGE

Uluberia, Howrah, WestBengal-711316

AICTE & COA Approved | MAKAUT (WBUT) Affiliated | NAAC accredited

13	27501319008	AMIT KR. PRAMANIK	The application of GPS Technology in Existing Metro Projects and a review of its future scope in metro railway systems in India”
14	27501319009	SUBHAM MAITY	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE”
15	27501319010	BABUL PARUI	The application of GPS Technology in Existing Metro Projects and a review of its future scope in metro railway systems in India”
16	27501319011	manobendra uthasini	The application of GPS Technology in Existing Metro Projects and a review of its future scope in metro railway systems in India”
17	27501319012	SOUMAN DEY	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE”
18	27501319013	SUMIT MANNA	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE”


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

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Uluberia, Howrah, WestBengal-711316

AICTE & COA Approved | MAKAUT (WBUT) Affiliated | NAAC accredited

19	27501319014	GOURANGA SAHU	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE"
20	27501319015	PRASENJIT MONDAL	"Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil"
21	27501319016	ANUDWIP BERA	"Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil"
22	27501319017	MINAKSHI PRADHAN	"Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil"
23	27501319019	PABITRA MAITY	Rooftop Rainwater Harvesting by Recycling Methods
24	27501319020	SOURAV MONDAL	Rooftop Rainwater Harvesting by Recycling Methods
25	27501319022	PANKAJ MAJUMDER	Rooftop Rainwater Harvesting by Recycling Methods


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

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OmDayal Group of Institutions

ENGINEERING COLLEGE | ARCHITECTURE COLLEGE

Uluberia, Howrah, WestBengal-711316

AICTE & COA Approved | MAKAUT (WBUT) Affiliated | NAAC accredited

26	27501319023	MD. OWAIS	“Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil”
27	27501319024	JOYDEB PANJA	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE”
28	27501319025	NILENDU DUTTA	“Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil”
29	27501319026	GOKUL MAL	“Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil”
30	27501319027	AFSAR ALI KHAN	Rooftop Rainwater Harvesting by Recycling Methods
31	27501319028	BISHAN DAS	The application of GPS Technology in Existing Metro Projects and a review of its future scope in metro railway systems in India”

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

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32	27501319029	SUBHADIP PARIA	The application of GPS Technology in Existing Metro Projects and a review of its future scope in metro railway systems in India”
33	27501319031	MANAS JANA	Rooftop Rainwater Harvesting by Recycling Methods
34	27501319032	CHANDAN CHOWDHURY	“Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil”
35	27501319033	SK TOUSIK JAMAN	“Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil”
36	27501319034	RAKESH MONDAL	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE”
37	27501319035	AVIJIT MAHAPATRA	The application of GPS Technology in Existing Metro Projects and a review of its future scope in metro railway systems in India”


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38	27501319036	MD SARFARAJ KHAN	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE"
39	27501319037	RAJESH MALLICK	Rooftop Rainwater Harvesting by Recycling Methods
40	27501319038	AKASH MAITY	Rooftop Rainwater Harvesting by Recycling Methods
41	27501319040	NAVEEN KUMAR SHARMA	
42	27501319041	SUJAN PAL	The application of GPS Technology in Existing Metro Projects and a review of its future scope in metro railway systems in India"
43	27501319043	PRATYOUS PRAMANIK	Rooftop Rainwater Harvesting by Recycling Methods
44	27501319044	DIBYENDU DUTTA	The application of GPS Technology in Existing Metro Projects and a review of its future scope in metro railway systems in India"
45	27501319045	DIPANKAR PRAMANIK	Rooftop Rainwater Harvesting by Recycling Methods


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46	27501319046	Suchismita Chatterjee	"Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil"
47	27501319047	SOURAV MONDAL	Rooftop Rainwater Harvesting by Recycling Methods
48	27501319048	SUBHADIP KARAN	"Efficiency of Agricultural Waste in Soil Stabilization and Prediction of Improved Strength for varying properties of Soil"
49	27501319049	Subhran das	Rooftop Rainwater Harvesting by Recycling Methods
50	27501319050	SOURAV CHAKRABORTY	Rooftop Rainwater Harvesting by Recycling Methods
51	27501319051	SANDIP BARMAN	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE"
52	27501319052	SANDIP PARIA	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE"


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54	27501319054	SK SAHAJAN	Rooftop Rainwater Harvesting by Recycling Methods
55	27501319055	ABHISEK BERA	The application of GPS Technology in Existing Metro Projects and a review of its future scope in metro railway systems in India”
56	27501319056	ANUPAM GIRI	The application of GPS Technology in Existing Metro Projects and a review of its future scope in metro railway systems in India”
57	27501319057	ARIF MAHAMMAD	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE”
58	27501319058	SUPRIYO MAITI	EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE”


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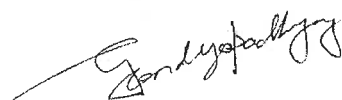
59	27501319059	SUBHASISH NANDI	Rooftop Rainwater Harvesting by Recycling Methods		
60	27501321045	SAJAL DAS	Mix design of concrete by Replacing Cement with Rice Husk Ash	6 Month	OmDayal Group of Institutions
61	27501321039	INDRAJIT SAMANTA			
62	27501321004	SUBHODIP MAITY			
63	27501321063	SUJATA MANDI			
64	27501321056	SUMON GAYEN			
65	27501321005	GOURAB CHAKROBORTY			
66	27501321027	Rina Maity			
67	27501320002	Sayan Das			
68	27501320033	Mousumi Manna			
69	27501319018	Bodhisattwa Mahata			
70	27501321058	Ashis Das			
71	27501321052	Prabir Marik			
72	27501320001	Pranesh Shandilya			


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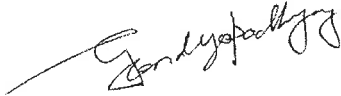


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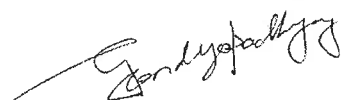


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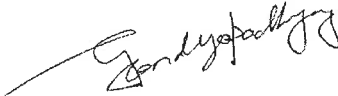


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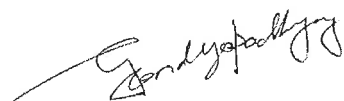


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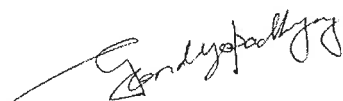


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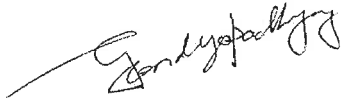


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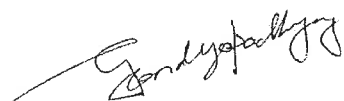


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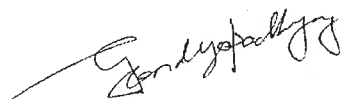


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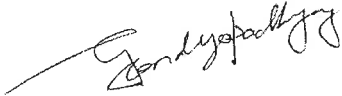


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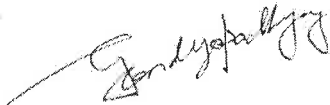


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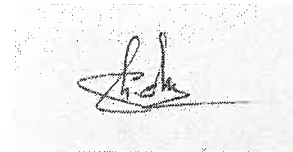
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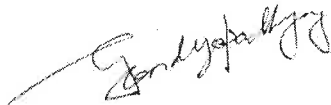


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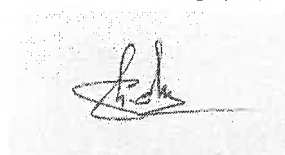
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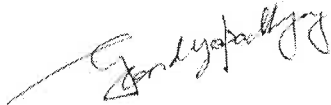


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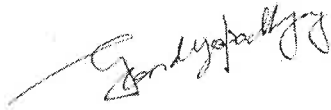


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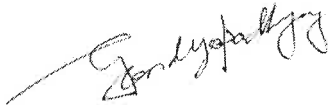


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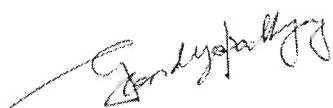


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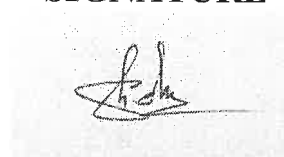
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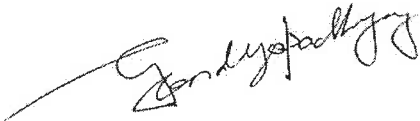


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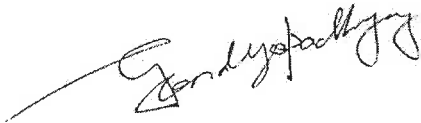


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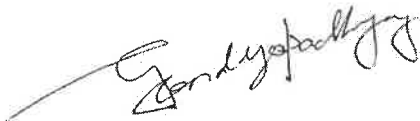


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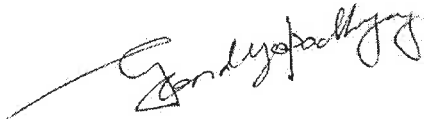


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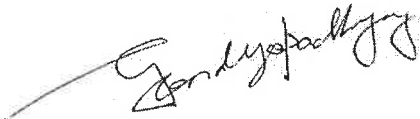


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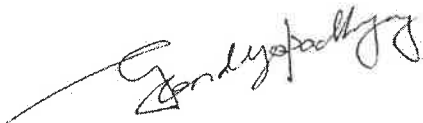


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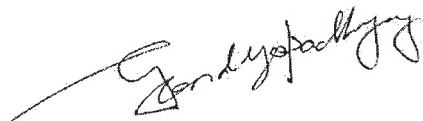


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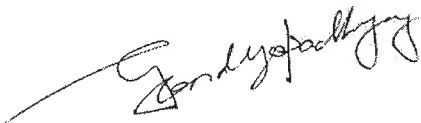


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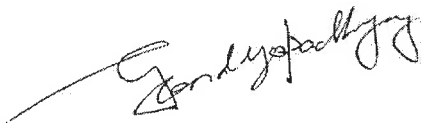


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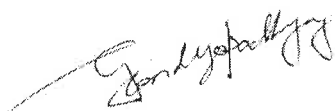
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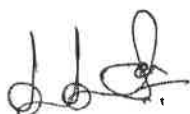
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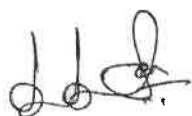
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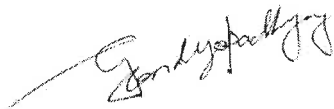
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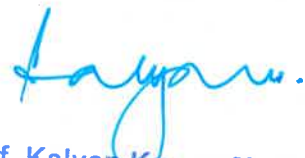
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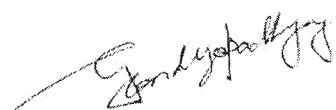
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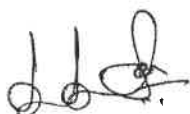


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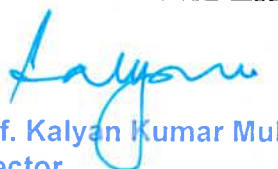
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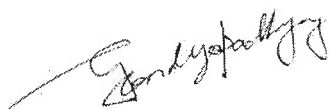
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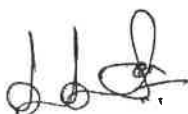


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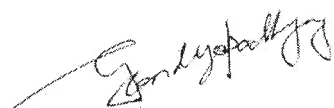
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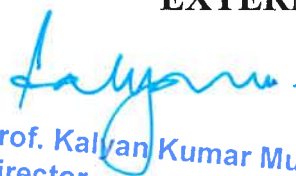


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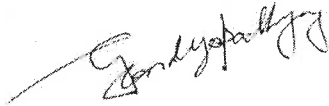
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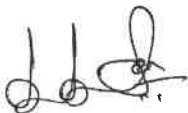


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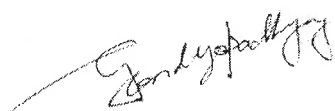
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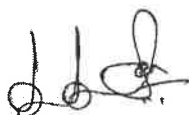


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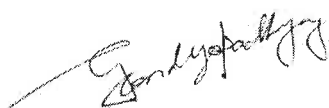
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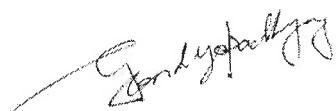
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Uluberia, Howrah

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(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

BONA FIDE CERTIFICATE

Certified that this project report “**EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE**” is the bona fide work of **SUPRIYO MAITI** who carried out the project work under the guidance of Civil Engineering Department

SIGNATURE

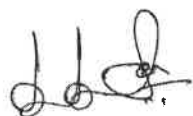


Prof. Gautam Bondyopadhyay
HEAD OF THE DEPARTMENT
Department of Civil Engineering
OmDayal Group of Institutions
Howrah - 711316

SIGNATURE



Mr. Anupam Ghosh
SUPERVISOR
Assistant Professor
Department of Civil Engineering
OmDayal Group of Institutions
Howrah - 711316



INTERNAL EXAMINER

EXTERNAL EXAMINER



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

MAKAUT: WEST BENGAL 711316
(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

BONA FIDE CERTIFICATE

Certified that this project report “**EFFECT OF PLINTH BEAM ON THE SEISMIC RESPONSE OF RCC FRAME STRUCTURE**” is the bona fide work of **SUMIT MANNA** who carried out the project work under the guidance of Civil Engineering Department

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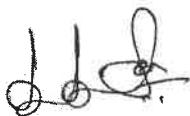


Prof. Gautam Bondyopadhyay
HEAD OF THE DEPARTMENT
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Howrah - 711316

SIGNATURE

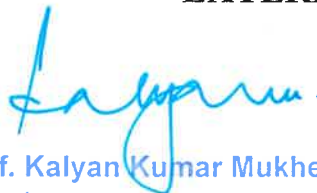


Mr. Anupam Ghosh
SUPERVISOR
Assistant Professor
Department of Civil Engineering
OmDayal Group of Institutions
Howrah - 711316



INTERNAL EXAMINER

EXTERNAL EXAMINER



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



SRMB

Compose

Inbox

4,678

Starred

Snoozed

Important

Chats

Sent

Drafts

306

All Mail

Categories

Social

11

Updates

4,482

Forums

13

Promotions

3,795

More

Re: PROPOSAL FOR SITE VISIT BY OUR STUDENTS AT SRMB, DURGAPUR & PLANT Inbox x



Gautam Bondyopadhyay

Dear Mr Santanu Dutta, Greetings of the day! We convey our sincere gratitude for the permission granted to visit your Durgapur



SANTANU DUTTA <santanu.dutta@srmbsteel.com>
to PRANAB, Shaibal, Gautam, Palash, me, saurav, aritro1881

Dear Sir,

We are once again confirming your SRMB Durgapur Plant visit on 16th May'22.

From our side Mr.Shaibal Battacharya (9230066601) will accompany with you during the visit.

After reaching at our plant around 10:30 AM, we will split your 25 members Team in 2 groups. One group will visit the plant and the 1st group will have presentation session. Post plant visit there will be lunch session for your Team.

For any assistance or query, you can contact Shaibal Battacharya or the undersigned.

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ENGINEERING COLLEGE | ARCHITECTURE COLLEGE

Uluberia, Howrah, West Bengal - 711316

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To,
The Assistant General Manager - Technical,
SRMB SRIJAN PVT. Limited
SRMB House
7, Khetra Das Lane
Kolkata 700012

Sub: OmDayal group of Institutions: Request of Educational visit for CIVIL ENGINEERING Students to your Durgapur Steel Plant Site.

Kind Attention: MR. SANTANU DUTTA

Dear Sir,
Greetings of the day!

This has reference to the telecom with your Mr. Shaibal Bhattacharjee (Senior Technical Officer) on the above subject, we propose one-day educational visit to your Steel Plant site by our Civil Engineering students (Group of 18-20 students) to get them oriented visually the steel making process, testing of steel, utility and uses of various category of steel. It will be of immense help to the students to know about steel making process and uses in the Civil Engineering Works physically and correlate them with their theory subjects such as R.C.C and Steel Structural Design, Concrete Technology etc.

We would like to request your good office sincerely to grant permission for the above industrial visit by our students accompanied by our faculty members. Our students shall abide by the all statutory norms in the factory and we shall attain all formalities as required.

The undersigned in-Charge of Civil Engineering. Department on behalf of OmDayal Group of Institutions humbly request you to allow us to take our students (Group of 20 students) for the above educational tour in your plant as per the details below:

Date of Site visit: 18/04/22

Number of Students: 20 Approx.

No of Days: 1 Day

No of Faculty Members: 5/6

Kindly confirm your acceptance and the formalities required to be followed for the visit.

Thanks & Regards

Prof. Gautam Bandyopadhyay
HOD - Civil Engineering. Department.
OmDayal Group of Institutions
Uluberia, W. B.
Email: gautamgautam_banerjee@rediffmail.com
Mobile no: 9339568599

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

Approved by AICTE and COA and affiliated by MAKAUT

ENGINEERING AND ARCHITECTURE COLLEGE

Plot no 38 & 39 Uluberia industrial growth centre.

Uluberia, Dist :- Howrah 711316

A REPORT ON STEEL PLANT VISIT OF SRMB AND DURGAPUR BARRAGE



Organized by:- CIVIL ENGINEERING DEPARTMENT OF OMDAYAL GROUP OF INSTITUTIONS

REPORT PREPARED BY:- SWARNENDU PATRA (4TH YEAR CE)

Kalyan
Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

DATE OF VISIT : 15 / 05/2022 & 16/05/2022
TIME SCHEDULE : 5 P.M. TO NEXT DAY 6P.M.
STARTING POINT : RUBY MORE
VENUE : SRMB DURGAPUR &
DURGAPUR BARRAGE
TOTAL NUMBER OF STUDENT : 16
FACULTY MEMBERS : Prof Gautam Bondhyopadhyay
: Prof Aritro Bhattacharya
: Prof Sk Kamrul Alam
: Mr. Palash Das

ACKNOWLEDGEMENT

First of all we would like to thank our Head of the Department Mr. GautamBondhopadhay sir and Mr. Palash Das sir for arranging such a wonderful and knowledgeable tour of Durgapur Barrage and SRMB Steel Plant.

Thanks to all faculty member of our department for helping us immensely with all the help whenever we are in need.


Prof. Kalyan Kumar Mukherjee 2
Director
OmDayal Group of Institutions
Uluberia, Howrah

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INTRODUCTION :-

Durgapur works (Construction material division-rebar manufacturing) : The plant is located at Durgapur (West Bengal) and is one of the most modern rebar rolling units in the country today incorporating Block Mill technology, Temcore quenching technology from CRM, Belgium. The plant is BIS & IMS Certified (ISO: 9001, ISO : 14001 & OHSAS :18001). The division has a lot of firsts to its credit in the steel industry. Some of the major ones are as follows: It is the one of the leading integrated primary producer of steel that manufactures finished steel from iron ore. It is the first to obtain DGS&D rate contract for TMT Bars. It is one of the first to introduce TMT Bars in the Indian market. It is the first organization in India to deploy recognized TMT Process control technology i.e. "Tempcore" from CRM, Belgium, for manufacturing TMT Bars beyond Fe 500 grade. SRMB is the first and only company in India till date to be granted TMT Process control technology up to Fe 550 grade.

VISIT DETAILS :-

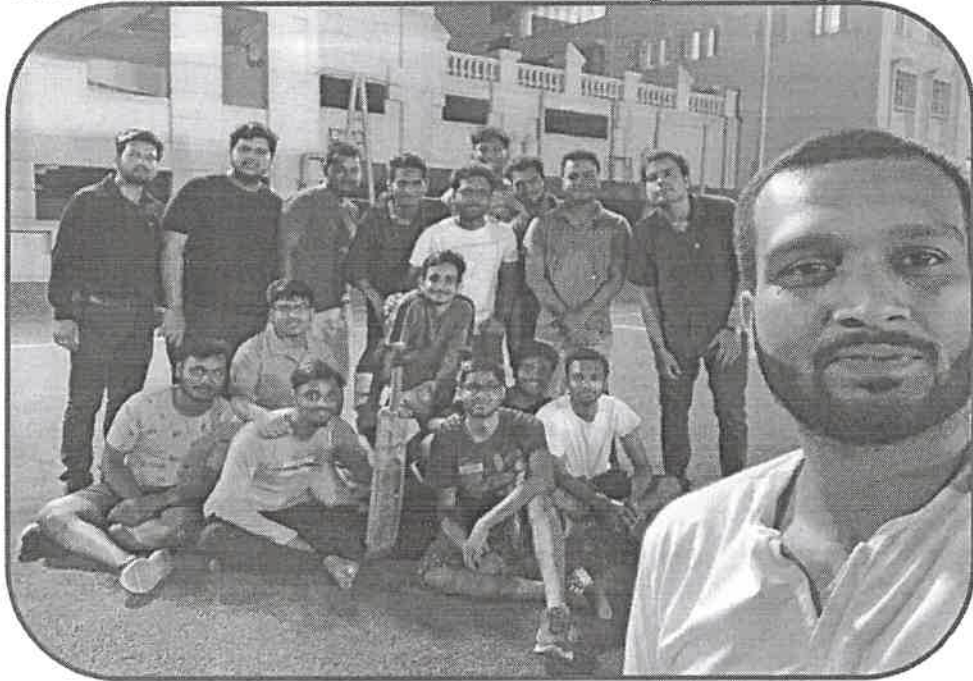
The journey was started on 15th May (Sunday) at 4:41 PM from Ruby more. After that bus was came in Satragachi at 5:20 P.M. Most of the students and Kamrul sir were gathered at Santragachi before 5PM. Though we were very excited to experience something new.



GOING TO DELHI PUBLIC SCHOOL, DURGAPURE CAMPUS BY COLLEGE BUS

Kalyan
Prof. Kalyan Kumar Mukherjee⁴
Director
OmDayal Group of Institutions
Uluberia, Howrah

Our bus was arrived to our DPS Campus at around 8:30 PM. On the way we have passed Police Training School, Howrah Toll Plaza, then Satragachi, then on G.T. road, Dankuni, Haripal, Jaugram, Saktigar, Bardhaman. After reaching on DPS Campus we went to their hostel and take a wash of our face and hand. Then we completed our dinner. After that we went their amazing football ground and played cricket and football under the flat light, took some photos and spent some memorable moments in the ground. Around 11.00 pm we came back to hostel room and all students gathered together and gossip.



IN FOOTBALL GROUND OF DPS CAMPUS, DURGAPUR

Next day on 6 am we again go to the ground and played football match for 1 hour and take some rest. Then we took our shower. After that we completed our breakfast and get ready for the visit. As we had some extra time in our hand, we went to Durgapur barrage. As the Industrial Revolution started in Durgapur, there was a huge urgency of water in factories. So in order to boost up the industrial revolution, the Damodar Valley Corporation (DVC) constructed the Durgapur barrage on the Damodar river. The construction of the Durgapur Barrage started in the year 1953. It was completed and opened in the year 1955. The Barrage was initially operated by the Damodar Valley Corporation (DVC) but was later handed over to the West Bengal government. The West Bengal government took control over it in the year 1964. This Barrage is also built to overcome the flood situation that may arise when water is released from the Maithon and Panchet dams of DVC.

Below mentioned are some of the facts you should know about Durgapur Barrage:

1. There are 34 gates in Durgapur Barrage including 2 under-slice gates.
2. The Barrage can handle the pressure of close to 2.5 lakh cusec of water.
3. The size of the gates is 18.3 m X 4.9 m (60 ft. x 16 ft.).
4. It is 692 meters (2,270 ft.) long and 12 meters (9 ft.) in height.

Prof. Kalyan Kumar Mukherjee
 Director
 OmDayal Group of Institutions
 Uluberia, Howrah

5. It is a great spot for bird watching, especially during the winter months.
6. It is the main source of water for the residents of Durgapur
7. It is the main source of water for many industries in Durgapur including DPL



DURGAPUR BARRAGE

The canal length of left bank main canal, originating from Durgapur Barrage, is 136.8 km (85.0 mi) and that of the right bank main canal is 88.5 km (55.0 mi). Discharge at head regulator for left bank canal is 260 cubic metres (69,000 US gal) per second and that for right bank canal is 64.3 cubic metres (17,000 US gal) per second. The total length of main and branch canals is 2,494 kilometres (1,550 mi).

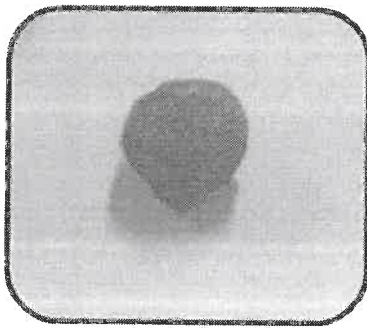
Our HOD sir described us how a barrage works, what is the difference between a dam and a barrage, what is upstream and downstream side of a barrage, how a lock gate of barrage operates etc. Before the visit we only read it on the book but this practical knowledge helped us to understand it in a better way.



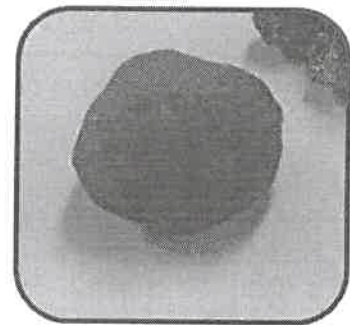
OUR HOD SIR DESCRIBE ABOUT THE BARRAGE

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

After visiting the Durgapur barrage then we went to the SRMB SRIJAN Steel Plant our main destination by bus. In SRMB plant they first took us in their office and give us a bottle of water, a pen, a writing pad and also a helmet for safety purpose to visit in the plant. After that they took us in the Steel Melting Shop (SMS) where raw materials were melting and billet was produced. There were three types of raw materials that is 1) Sponge Iron, 2) Pig Iron, 3) Silico Manganese. The percentage of Pig Iron is 17-20%, Sponge iron is 70-88%, Silico Manganese is 1-2%. The percentage of raw material varies according the client requirement.



SPONGE IRON

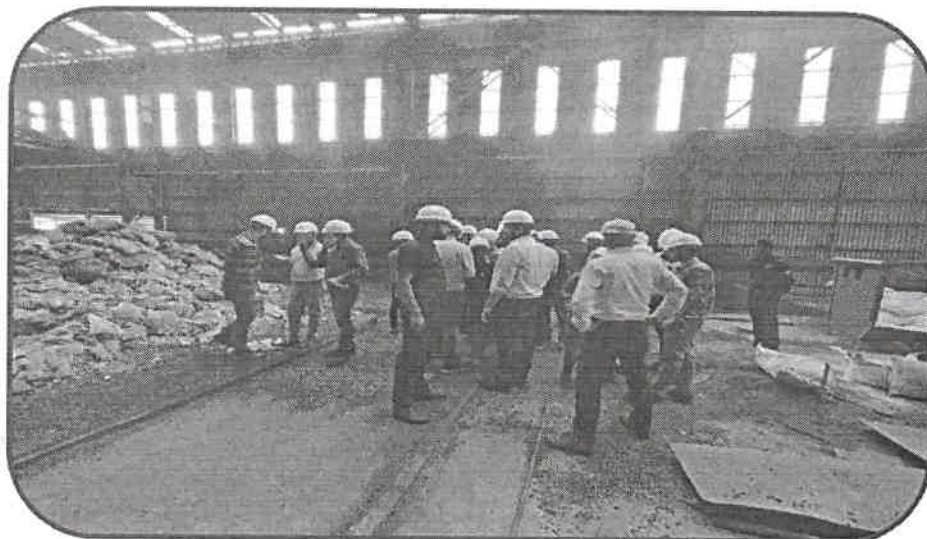


PIG IRON



SILICO MANGANESE

There were four induction furnace each having 25ton capacity to melt the raw materials. The temperature of the furnace is about 1650°C-1700°C. After that this melting raw metals i.e. Ladle was going through the continuous casting machine and transformed into 100x100 billet length of 3meter or 6meter. In billet there were 17-23% carbon, 55-60% magnesium, 15-20% Silica, Less than 0.07% Phosphorus, and Less than 0.04% sulphur.



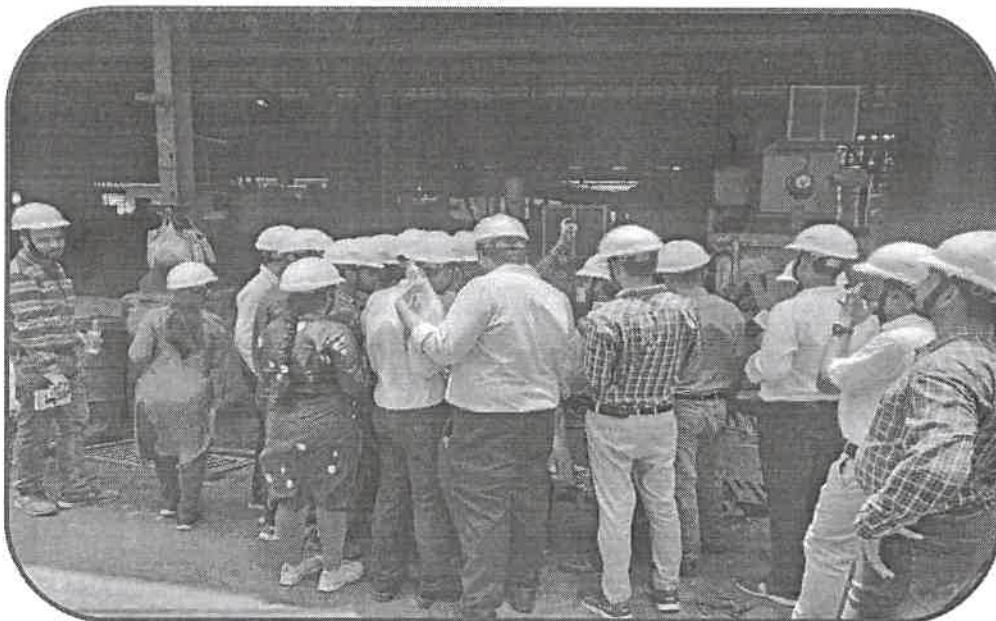
RAW MATERIALS AREA

There are two types of cooling were used 1) Primary Cooling and 2) Secondary Cooling . In primary cooling copper mold tube and mold jacket were used. In secondary cooling water spry was used. There were auto shearing machine which cut the billet in the length of 3m or 6m.



CONTROLLING OFFICE

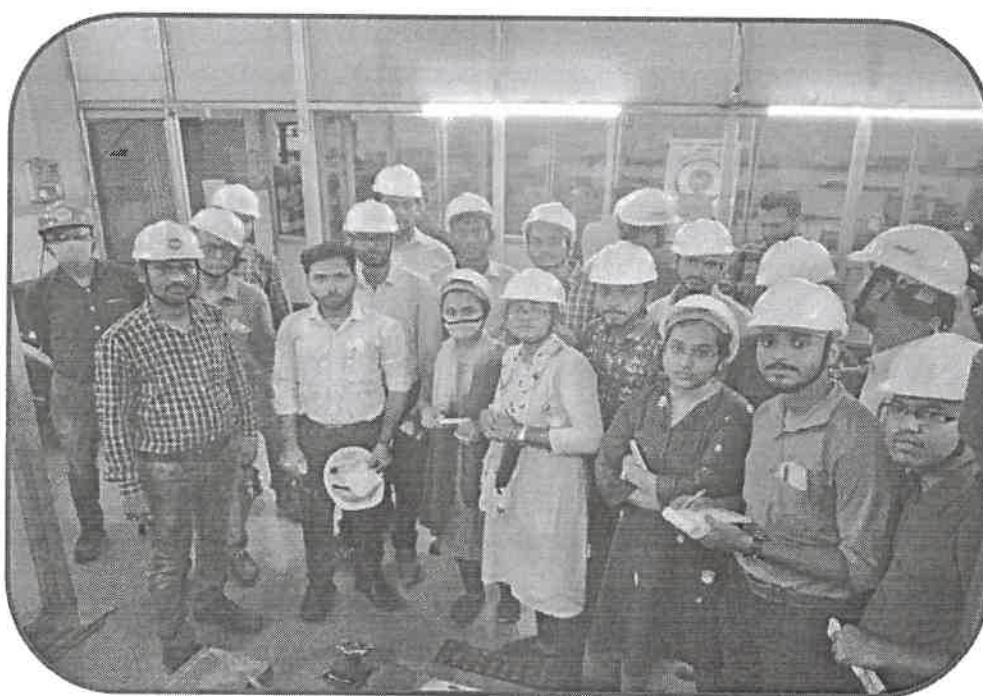
There was chemical testing lab where small billet sample that is Lolipop Sample was tested. The testing was done to check the chemical properties such as Carbon percentage, Silica percentage, Magnesium Percentage, Sulphar Percentage etc with fully automated manner with the help of spectro photometer analysis. It gives more and accurate result in less time.



INFRONT OF ROUGHING MILL

Now the billet was divided into 17 parts. Next this parts came to the roughing mill where the billet was roughed as per required diameter. To make this the billet passed 5 times through the roughing mill. Now this required diameter bar came to the Intermediate mill after that came to Continuous mill. Now the bar came to the finishing mill where the ribs

were added and the stamp of SRMB, Diameter of the bar and ISO certification were added into the TMT bar. Next the TMT bar gone through the cooling process. The 1st Step is quenching where the rebar is rapidly cool with the help of water spray (30-35°C). For this process the outer core of the rebar rapidly harden but the inner core was still in soft condition. So the ductility of the material increased. After the quenching process this rebar came into the cooling bed which is 75m long for the atmospheric cooling with the help of natural temperature and air. Now the TMT is come into the shearing machine where this TMT was cut into 12m size (Standard market size). After that they took us into two different group to show the physical testing of the TMT bar. There they used Universal Testing Machine (UTM) to check the tensile strength, Elongation of the TMT bar. They also do bend test of the bar. After got the Satisfying value the TMT bar is now ready for use and packed and it was ready to deliver into the market.

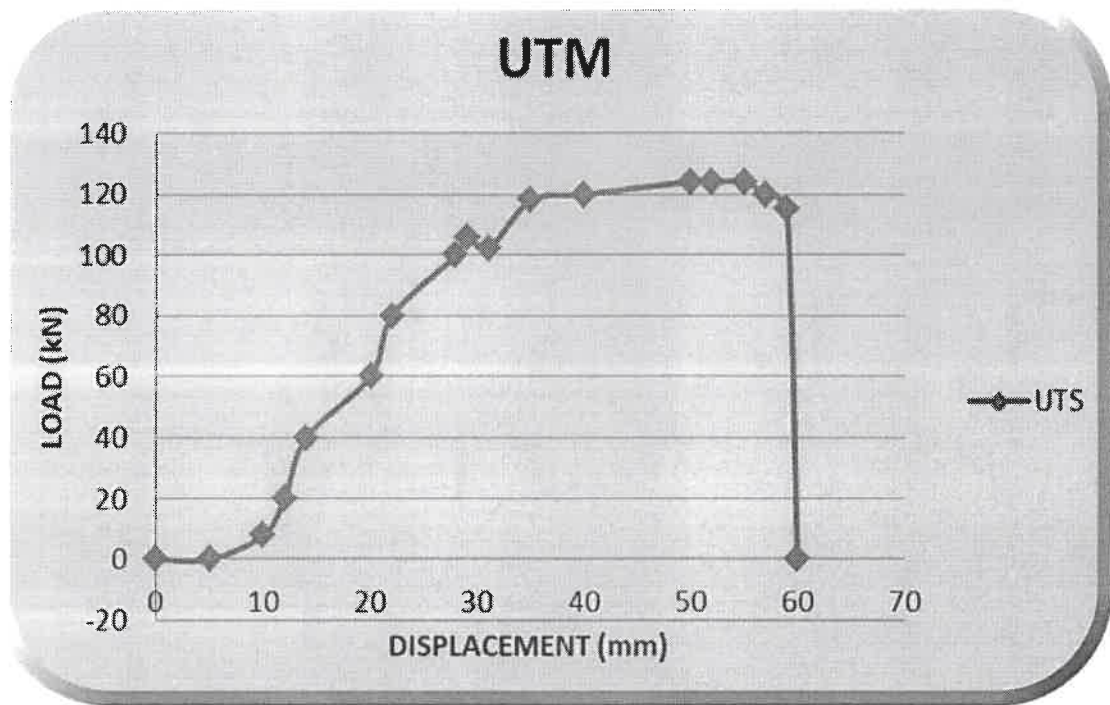


IN PHYSICAL LAB

IN UTM LAB VALUE:-

Size (mm)	Weight (gm)	Length (mm)	Mass Per MRT (kg/m)	Cross Section Area (mm ²)	Gauge Length (LO) mm	Gauge Length (LU) mm	Elongation (%)	P.L./Y.L. (kN)	0.2 % P.S./Y.S. Mpa /N/mm ²	B.L. (kN)	U.T. S Mpa /N/mm ²	U.T. S. /YS ratio
16	792	508	1.559	198.6	80	97	21.25	112	564	132	664	1.18

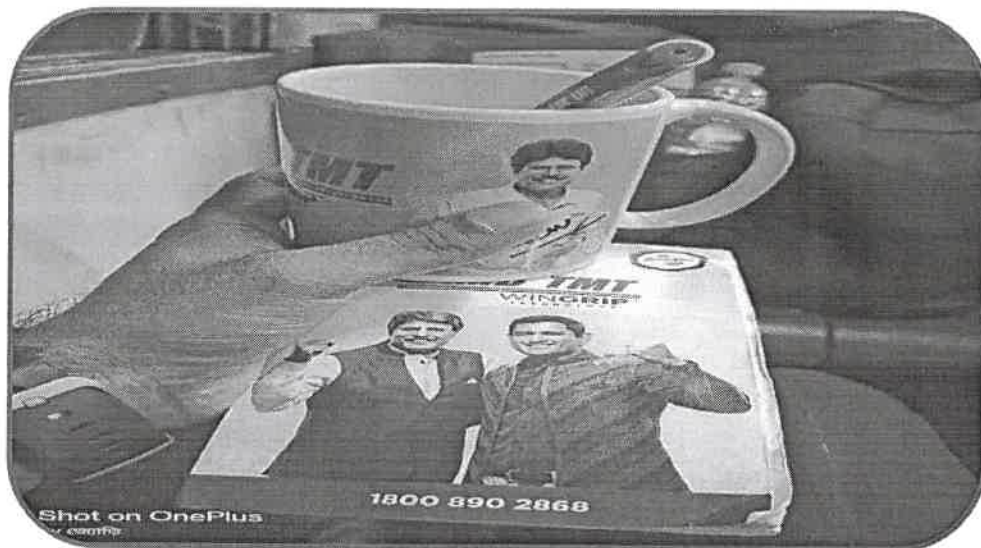

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 Prof. Kalyan Kumar Mukherjee
 Director
 OmDayal Group of Institutions
 Uluberia, Howrah



After the Plant visit We came into their office where they gave some tiffin and gave a brief presentation how a TMT bar is produced in their factory. At last they gave us a gift. Around 2:30PM we board on our bus. On the way our bus stopped on a road side dhaba for Lunch. Around 6:30 P.M. we were reach at Satragachi Junction.



INFRONT OF SRMB OFFICE



GIFT FROM SRMB

CONCLUSION :-

The overall knowledge of the tour was a very helpful for us. It was a great experience which will help us in our future so that we can spend it properly. We can proudly say that we have learnt many useful things.

We would again like to thank our Civil Engineering Department and specially our Head of the Department, Prof. Gautam Bandhopadhyay. We also grateful our faculty members Prof. Aritro Bhattacharya, Prof. Sk. Kamrul Alam & Mr. Palash Das for providing us this opportunity to visit such kind of projects. We all are requesting our department to arrange such tours which will help us to gain practical field knowledge and also will help us to be future ready.


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



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Number of students of **Computer Science and Engineering** department undertaking Projects/Field Work/ Internship for the Academic Year 2021-2022 is 40.

Program Name- B.Tech in Computer Science and Engineering

Program Code- 001

2021-22 Details of Project/ Internship/ Field work, Computer Science and Engineering Department					
Sl. No	Roll No	Name	Title of the project/ Internship/ Field work	Duration	Organization
1	27500118010	Rupdeepa Ghosh	Surveillance Robot controlled using an Android app	1 Year	OmDayal Group of Institutions
2	27500119035	Biswadip Bhattacharya	Social Media with an E-Commerce website		
3	27500119036	Shovon Aich,			
4	27500119034	Krishnakali Das,			
5	27500118015	OishikSinha, ,	Handwriting Recognition Model		
6	27500118022	Aritra Mukherjee			
7	27500119002	Rajat SubhraHazra			
8	27500118020	Harsh upadhyay	Cancer Detection & Prediction		
9	27500118008	Sonam Choudhary			
10	27500118011	Rubaiya Begam			
11	27500118014	Rajan Kumar Singh	CryptoverseFullstack Web Application		
12	27500118019	Hritik Sharma			
13	27500118012	Rangoli Misra			
14	27500119003	Piu Biswas	Tic-Tac-Toe game Delovelment		
15	27500119001	Pritilata Mallick			
16	27500119006	Nabakumar Manna			
17	27500119040	RamendraAdhikary	Online Restaurant Management System		
18	27500119041	SubhajitMaity			
19	27500119042	Tania Karak			
20	27500119004	Sampa Roy	Online Food Delivery System		
21	27500119033	Sushama Das			
22	27500119005	Debkanta Das			
23	27500118018	Indranil Manna	Virtual Cryptography		
24	27500118016	Nilanjan Choudhary			
25	27500118017	Koustav Chatterjee			
26	27500118021	Depanjan Pradhan	Voice Assistant Using Python		
27	27500118023	Arghyadip Adak			
28	27500118009	Shivam Kumar	A non-Max supression		

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		Ray			
29	27500118024	Avishek Raj	based R-CNN for fast object detection		
30	27500118007	Uddesh Kumar Shaw	Smart Home		
31	27500118013	Rajib Mandi			
32	27500119038	Purnima Rai	Vehicle number plate dection using deep learning		
33	27500119039	Pratima Rai			
34	27500119037	Anik Das			
35	27500120028	Ayon Das	Image Processing	1 Year	Ellenbarrie Industrial Gases Ltd
36	27500120013	Tania Hazra			
37	27500120020	PayelPramanick			
38	27500120006	Ayon Samanta			
39	27500120022	Namala Anisha Dora			
40	27500120023	Janvi			


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Director
OmDayal Group of Institutions
Uluberia, Howrah

Certificate

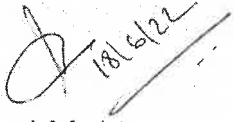
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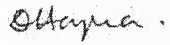
Cryptoverse

Done by :

Rajan Kumar Singh
Rangoli Mishra
Hritik Sharma

of 8th semester B. Tech(CSE)


Indrani Mukherjee
Project Guide


18.06.22.


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Ulubaria, Howrah

CERTIFICATE

Certified that this is a bonafide record of the project work titled

Personal Voice Assistant

Done By

**Dipanjan Pradhan
Arghyadip Adak**

of 7th Semester B.Tech Computer Science & Engineering

College: OmDayal Group of Institution



Santosh Das.
18.6.22
Mr. Santosh Das

Project Guide

OmDayal.
10.06.22.

Kalyan
Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Howrah

OmDayal Group Of Institutions



CERTIFICATE

Certified that this a bonafide record of the project work titled

Online Restaurant Management System

Done By :

Ramendra Adhikary

Subhajit Maity

Tania Karak

Subhajit Maity

Of 8th semester B.tech in the year 2022 in
Partial fulfillment of the requirement for the award of Degree of
Computer Science & Engineering

Bhagya 10.06.22.

Dipankar Hazra
Project Guide



MAKAUT : WEST BENGAL 711316

(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

BONAFIDE CERTIFICATE

Certified that this project report "**HANDWRITING RECOGNITION MODEL**" is the bonafide work of **Oishik Sinha, Aritra Mukherjee and Rajat Subhra Hazra** who carried out the project work under the guidance of Computer Science and Engineering department.

SIGNATURE *Ottayna*
02.06.2022.

SIGNATURE

Sy Dosh
2.6.22

HEAD OF THE DEPARTMENT

Department of Computer Science
and Engineering
OmDayal Group of Institutions
Howrah – 711316

SUPERVISOR

Associate Professor
Department of Computer Science
and Engineering
OmDayal Group of Institutions
Howrah – 711316

INTERNAL EXAMINER

EXTERNAL EXAMINER

2

Kalyan
Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Howrah - 711316

PROJECT REPORT

2021-2022

OmDayal Group of Institutions

[All India Council for Technical Education approved,
National Assessment and Accreditation Council accredited,
Maulana Abul Kalam Azad University of Technology (WBUT) affiliated]

ACADEMIC YEAR 2021-22



Final Year Project Report on

"Vehicle Number Plate Detection"

Submitted for partial fulfillment of the requirement for award of

BACHELOR OF TECHNOLOGY

Submitted by

PURNIMA RAI (27500119038) *Purnima Rai (10-06-2022)*
PRATIMA RAI (27500119039) *Pratima Rai (10-06-2022)*

INTERNAL GUIDE :

"Mr. DIPANKAR HAZRA"

PROFESSOR & HEAD OF THE DEPARTMENT

Department of COMPUTER SCIENCE ENGINEERING

OmDayal Group of Institutions
Uluberia, WEST BENGAL 711316

DEPARTMENT OF CSE, ODI

Kalyan
Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

MAKAUT : WEST BENGAL 711316

(FORMERLY WEST BENGAL UNIVERSITY OF
TECHNOLOGY) BONAFIDE CERTIFICATE

This project report "SURVEILLANCE ROBOT CONTROLLED USING AN
ANDROID APP" is the bonafide work of **Rupdeepa Ghosh** who carried out the
project work under the guidance of the Computer Science and Engineering
department.

Rupdeepa 10.06.22
SIGNATURE

HEAD OF THE DEPARTMENT Department of Computer Science and
Engineering OmDayal Group of Institutions Howrah – 711316

INTERNAL EXAMINER
SIGNATURE

Santosh Das
10.6.22
SUPERVISOR

Associate Professor

Department of Computer Science and Engineering OmDayal Group of Institutions
Howrah – 711316

Kalyan 2
Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

CERTIFICATE

Certified that is a bonafide record of the project work titled

TIC TAC TOE

Done by

Piu Biswas

Nabakumar Manna

Prithilata Mallick

Final year project in 2022.

Bachelor of Technology in Computer Science & Engineering student from
OmDayal Group of Institutions

Dipankar Hazra 18.06.22.

Dipankar Hazra

Project Guide

Dipankar Hazra 18.06.22.

Dipankar Hazra

Head of the Department

Kalyan
Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

OMDAYAL GROUP OF INSTITUTIONS

BIRSHIBPUR, HOWRAH- 711316



Certified that this is a bonafide record of the project work titled
Social Media With An E-Commerce Website (Tech-Shop)

Done By:

Shovan Aich(Roll No- 27500119036)

Krishnakoli Das(Roll No- 27500119035)

Biswadip Bhattacharya(Roll No- 27500119034)

of VIII semester B.TECH in the year 2022 in

partial fulfillment of the requirements for the award of Degree of
Bachelor Of Technology In Computer Science And Engineering.

Abhijit Bera

18/06/22

Abhijit Bera
Project Guide
Assistant Professor
OmDayal Group Of Institutions
Birshibpur, Howrah

Dipankar Hazra 18.06.22

Dipankar Hazra
Head Of The Division Department
OmDayal Group Of Institutions
Birshibpur, Howrah

Kalyan Kumar Mukherjee

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

OmDayal Group of Institutions

All India council for technical education approved

National Assessment and Accreditation Council accredited

Maulana Abul Kalam Azad University of Technology (WBUT) affiliated



CERTIFICATE

This is to certify that Anik Das(27500119037) ,bonafide students of IV Year VIII Semester of B.Tech **Computer Science & Engineering** department , **OmDayal Group of Institutions,Uluberia (W.B)** having her ongoing project entitled "**Vehicle number plate detection using deep learning**".He has submitted the project report for the partial fulfilment of the curriculum of the Degree of Bachelor of Technology , Computer Science & Engineering from OmDayal Group of Institutions.

Dipankar Hazra

SIGNATURE

Mr. Dipankar Hazra
Head of the department
Department of CSE,ODGI

Dipankar Hazra

SIGNATURE

Mr. Dipankar Hazra
Project Supervisor
Assistant Professor, Department of CSE ,ODGI

Kalyan Kumar Mukherjee

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

OmDayal Group of Institutions
All India council for technical education approved
National Assessment and Accreditation Council accredited
Maulana Abul Kalam Azad University of Technology (WBUT) affiliated



CERTIFICATE

This is to certify that Mr. Harsh Upadhyay (227500118020) , Sonam Choudhary(227500118008), Rubaiya Begam(227500118011) (bonafide students of IV Year VIII Semester of B.Tech **Computer Science & Engineering** department , **OmDayal Group of Institutions**,Uluberia (W.B) having their ongoing project entitled " **Cancer Detection & Prediction** " He has submitted the project report for the partial fulfilment of the curriculum of the Degree of Bachelor of Technology , Computer Science & Engineering from OmDayal Group of Institutions.

Dipankar Hazra

SIGNATURE

Mr. Dipankar Hazra
Head of the department
Department of CSE,ODGI

SIGNATURE

Indrani Mukherjee

Indrani Mukherjee
Project Supervisor
Assistant Professor, Department of CSE ,ODGI

Kalyan Kumar Mukherjee

Prof. Kalyan Kumar Mukherjee
Director

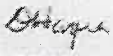
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Uluberia, Howrah

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National Assessment and Accreditation Council accredited
Maulana Abul Kalam Azad University of Technology (WBUT) affiliated



CERTIFICATE

This is to certify that Uddesh Shaw(27500118007) ,Rajib Mandi(27500118013),bonafide students of IV Year VIII Semester of B.Tech **Computer Science & Engineering** department , **OmDayal Group of Institutions, Uluberia (W.B)** having their ongoing project entitled "**Smart Home**". They have submitted the project report for the partial fulfilment of the curriculum of the Degree of Bachelor of Technology, Computer Science & Engineering from OmDayal Group of Institutions.


SIGNATURE

Mr. Dipankar Hazra
Head of the department
Department of CSE, ODGI

SIGNATURE



Santosh Das
Project Supervisor
Assistant Professor, Department of CSE ,ODGI

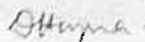

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

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National Assessment and Accreditation Council accredited
Maulana Abul Kalam Azad University of Technology (WBUT) affiliated

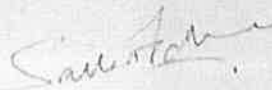


CERTIFICATE

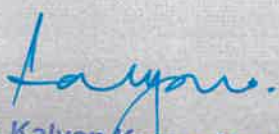
This is to certify that Sampa Roy (27500119004) , Sushsama Das(27500119033), Debkanta Das(27500119005) (bonafide students of IV Year VIII Semester of B.Tech **Computer Science & Engineering** department , OmDayal Group of Institutions,Uluberia (W.B) having their ongoing project entitled " **Online Food Delivery System** ". They have submitted the project report for the partial fulfilment of the curriculum of the Degree of Bachelor of Technology, Computer Science & Engineering from OmDayal Group of Institutions.


SIGNATURE

Mr. Dipankar Hazra
Head of the department
Department of CSE,ODGI


SIGNATURE

Saikat Pahari
Project Supervisor
Assistant Professor, Department of CSE ,ODGI


Prof. Kalyan Kumar Mukherjee
Director

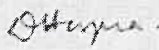
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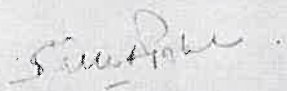
CERTIFICATE

This is to certify that Shivam Kumar Roy(27500118009) ,Avishek Raj(27500118024),bonafide students of IV Year VIII Semester of B.Tech **Computer Science & Engineering** department , **OmDayal Group of Institutions**,Uluberia (W.B) having their ongoing project entitled "**A Non Max Supression based R-CNN for fast object detection**". They have submitted the project report for the partial fulfilment of the curriculum of the Degree of Bachelor of Technology, Computer Science & Engineering from OmDayal Group of Institutions.


SIGNATURE

Mr. Dipankar Hazra
Head of the department
Department of CSE,ODGI

SIGNATURE


Saikat Pahari
Project Supervisor

Assistant Professor, Department of CSE ,ODGI


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



Santosh Das <das2008.santosh@gmail.com>

Request for a project in your esteemed organisation

2 messages

Principal_OmDayal Group of Institutions <principal@oders.in>

Thu, Jan 27, 2022 at 11:56 AM

To: pmukherjee@ellenbarrie.com

Cc: das2008.santosh@gmail.com, "Mr.Dipankar Hazra" <dipankar1998@rediffmail.com>, Dhrubajyoti Ghosh <krizz27@gmail.com>

Dear Sir,

Thank you for the wonderful interaction with two of my CSE faculties Dr Dhrubajyoti Ghosh and Mr Santosh Das. As per the discussion we are interested to carry out a project in the industrial campus of ELLENBARRIE INDUSTRIAL GASES LTD. which will count the no. of vehicles (INBOUND & OUTBOUND) through some camera module at the entry point of the Industry from the number plate of the vehicles. This project will definitely improve in better monitoring of vehicle movement.

Looking forward to hearing from you at the earliest to start the project.

Regards.

--

Prof Yogesh Kumar Sinha

Principal

College of Engineering

OmDayal Group of Institution

Uluberia, Howrah

Office: 033-71300264 Email: principal@oders.in

Website: <https://omdayal.com/>**OmDayal Group of Institutions***Please consider the environment before printing this e-mail!*

Partha Mukherjee <pmukherjee@ellenbarrie.com>

Thu, Jan 27, 2022 at 6:01 PM

To: Principal_OmDayal Group of Institutions <principal@oders.in>

Cc: das2008.santosh@gmail.com, "Mr.Dipankar Hazra" <dipankar1998@rediffmail.com>, Dhrubajyoti Ghosh <krizz27@gmail.com>

Dear Professor Sinha,

Thanks for your mail.

As discussed with your professors who visited our facility, your institution can conduct a project at our works for measuring the number of incoming and outgoing vehicles at the works gate, subject to -

- The module should not in any way interfere with our existing systems
- It has to be fully installed and operated / monitored by your personnel
- It should not force us to bear any additional expenditure.

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

Your representatives may please contact us to further discuss the matter.

Thanks & Regards,

Partha Mukherjee

General Manager - Works Uluberia

Email: pmukherjee@ellenbarrie.com

Mobile: +91 92305 75434



ELLENBARRIE

INDUSTRIAL GASES LTD

NH 6, Opposite WBIDC Growth Center,

Uluberia, Howrah – 711 315

P: +91 90380 03212

www.ellenbarrie.com

From: Principal_OmDayal Group of Institutions [mailto:principal@oders.in]

Sent: 27 January 2022 11:56

To: pmukherjee@ellenbarrie.com

Cc: das2008.santosh@gmail.com; Mr.Dipankar Hazra; Dhrubajyoti Ghosh

Subject: Request for a project in your esteemed organisation

Dear Sir,

Thank you for the wonderful interaction with two of my CSE faculties Dr Dhrubajyoti Ghosh and Mr Santosh Das. As per the discussion we are interested to carry out a project in the industrial campus of ELLENBARRIE INDUSTRIAL GASES LTD. which will count the no. of vehicles (INBOUND & OUTBOUND) through some camera module at the entry point of the Industry from the number plate of the vehicles. This project will definitely improve in better monitoring of vehicle movement.

Looking forward to hearing from you at the earliest to start the project.

Regards.

--

Prof Yogesh Kumar Sinha

Principal

College of Engineering

OmDayal Group of Institution

Uluberia, Howrah

Office: 033-71300264 Email: principal@oders.in

Website: https://omdayal.com/



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Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



OmDayal Group of Institutions

ENGINEERING COLLEGE | ARCHITECTURE COLLEGE

Uluberia, Howrah, West Bengal-711316

AICTE & COA Approved | MAKAUT (WBUT) Affiliated | NAAC Accredited

Number of students of **Electrical Engineering** department undertaking Projects/Field Work/ Internship for the Academic Year 2021-2022 is 49

Program Name- B.Tech in Electrical Engineering

Program Code- 016

2021-22 Details of Project/ Internship/ Field work, Electrical Engineering Department					
Sl. No	Roll No	Name	Title of the project/ Internship/ Field work	Duration	Organization
1	27501618001	Subham Panja	Automatic 3 phase induction motor star delta starter using PLC	1 year	OmDayal Group of Institutions
2	27501618002	Souvik Maity			
3	27501619021	Reshma Khatun			
4	27501618004	Pradip Samanta			
5	27501619003	Amborish Shaw	Wireless power transfer		
6	27501618003	Sahil Molla	Solar Inverter		
7	27501618005	Aniruddha Dutta			
8	27501619033	Subhadip Jana			
9	27501619029	Ranjan Ray			
10	27501619005	Rahul Acharjya			
11	27501619038	Kushal Dolai	SPV plant monitoring system		
12	27501619007	Rakhi Murmu			
13	27501619008	Malay Ghosh			
14	27501619043	Lija Dutta			
15	27501619032	Krishanu Porey			
16	27501619004	Pralay chowdhary	Bluetooth control home automation using Arduino application		
17	27501619030	Snehasis Das			
18	27501619031	Anup Dey			
19	27501619002	Rohon paul			
20	27501619034	Faimuzzaman	AUTOMATION IN TRAFFIC CONTROL LIGHTING		
21	27501619035	Dipesh Kumar			
22	27501619036	Alamgir Hossain			


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



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			SYSTEM USING ARDUINO (S.P.M)		
23	27501619039	Ranjan Jana	Digital tachometer.		
24	27501619041	Subhadip Giri			
25	27501619042	Rohit Kumar Ray			
26	27501619046	Ashutosh Mahato			
27	27501619048	Sayantan Singha	Solar Tracking and monitoring system		
28	27501619050	Bablu Mondal			
29	27501619006	Udayan Bose			
30	27501619009	Subrata Pal			
31	27501619010	Tamim Sarkar	Home Automation System using ARDUINO		
32	27501619020	Sk Mosibul			
33	27501619025	Avijit See			
34	27501619037	Sumangal Mistry			
35	27501619040	Buddhadev Adhikary	wind power energy		
36	27501619011	Sujit Kumar Das			
37	27501619014	Sougata Sen			
38	27501619001	Rekash paruya			
39	27501619022	Bipradas Mandal			
40	27501619027	Amit Kumar Samanta	Solar Tracker		
41	27501619049	Sayantan Khanra			
42	27501619047	Ajagar Khan			
43	27501619026	Sunny Shaw			
44	27501619023	Sayantan Nag			
45	27501619015	Rajrajeswari Bag	Training on VLSI, IIT Bombay Techfest	8 weeks	IIT Bombay Techfest
46	27501619019	Krishnendu Bar	Industrial visit to ITC Limited, Panchla, Howrah	1 day	ITC Limited, Panchla, Howrah


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



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47	27501619018	Souvik Mondal	Industrial visit to Electropulse Industries	1 day	Shed No. B 6, Saktigarh Industrial Estate, Borsul Bardhaman 713124
48	27501618006	Anamitra Sarkar	Training on Advanced Industrial Skills for Electrical Engineers I	5 days	TPSDI-Maithon
49	27501618007	Alekhyasarkar	Training on Advanced Industrial Skills for Electrical Engineers I	5 days	TPSDI-Maithon

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

SOLAR INVERTER

A PROJECT REPORT

Submitted by

RAHUL ACHARJYA	27501619005
SUBHADIP JANA	27501619033
RANJAN RAY	27501619029
ANIRUDDHA DUTTA	27501618005

In partial fulfillment for the award of the degree

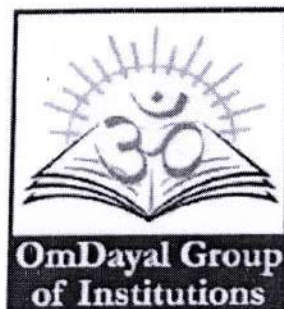
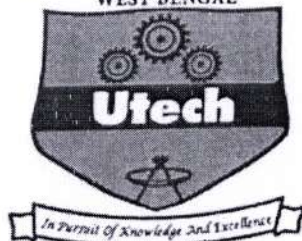
of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL ENGINEERING

MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY,
WEST BENGAL



OMDAYAL GROUP OF INSTITUTIONS

MAKAUT: WEST BENGAL

(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

JUNE 2022


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

OMDAYAL GROUP OF INSTITUTIONS

MAKAUT: WEST BENGAL 711316
(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

CERTIFICATE

Certified that the project report "SOLAR INVERTER" is the bonafide work of RAHUL ACHARJYA (REG NO- 031388 OF 2019-20), SUBHADIP JANA (REG NO- 014891 OF 2019-20), RANJAN RAY (REG NO- 032164 OF 2019-20) and ANIRUDDHA DUTTA (REG NO- 18275011027 OF 2019-20) be accepted in partial fulfillment of the requirement of the degree of Bachelor of Technology from the department of Electrical Engineering of OmDayal Group of Institutions.

18/06/2022
SIGNATURE

Prof. Swarupa Ojha

HEAD OF THE DEPARTMENT

Department of Electrical Engineering

OmDayal Group of Institutions

Howrah - 711316

Teacher-in-charge
Department of Electrical Engineering
OmDayal Group of Institutions
Uluberia, Howrah

SIGNATURE

Prof. Dipanjan Datta

PROJECT SUPERVISOR

Department of Electrical Engineering

OmDayal Group of Institutions

Howrah - 711316

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

AUTOMATION IN TRAFFIC CONTROL LIGHT SYSTEM USING ARDUINO

A PROJECT REPORT

Submitted by

DIPESH KUMAR	(014884 OF 2019-20)
ALAMGIR HOSSAIN	(014876 OF 2019-20)
FAIMUZZAMAN	(014887 OF 2019-20)

In partial fulfillment for the award of the degree

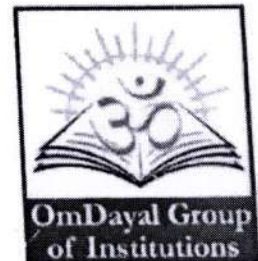
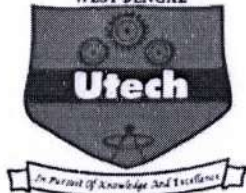
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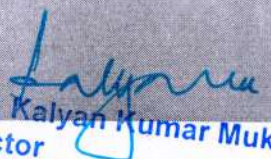


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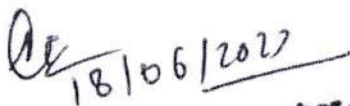
June 2022

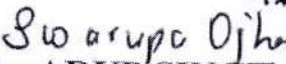

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

MAKAUT : WEST BENGAL 711316
(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

BONAFIDE CERTIFICATE

Certified that this project report "AUTOMATION IN TRAFFIC CONTROL LIGHT SYSTEM BY USING ARDUINO" is the bonafide work of **DIPESH KUMAR, ALAMGIR HOSSAIN & FAIMUZZAMAN** who carried out the project work under my supervision.


18/06/2022
SIGNATURE **Teacher-in-charge**
Department of Electrical Engineering
OmDayal Group of Institutions
Uluberia, Howrah



Dr. ARUP SINGHA

HEAD OF THE DEPARTMENT

Department of Electrical Engineering

OmDayal Group of Institutions

Howrah - 711316


18.6.2022
SIGNATURE

Mr. SWAPAN KUMAR MAJUMDAR

SUPERVISOR

Associate Professor

Department of Electrical Engineering

OmDayal Group of Institutions

Howrah - 711316

INTERNAL EXAMINER

EXTERNAL EXAMINER


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

A PROJECT REPORT ON
WIRELESS POWER TRANSFER

BACHELOR OF TECHNOLOGY
IN
ELECTRICAL ENGINEERING

SUBMITTED BY :-

ALEKHYA SARKAR
(27501618007)

ANAMITRA SARKAR
(27501618006)

SAHIL MOLLAH
(27501618003)

AMBORISH SHAW
(27501619003)


MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY,
WEST BENGAL



DEPARTMENT OF ELECTRICAL ENGINEERING

OmDayal Group Of Institutions

Uluberia, Howrah, West Bengal, 711316


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

DEPARTMENT OF ELECTRICAL ENGINEERING

**OMDAYAL GROUP OF INSTITUTIONS
WEST BENGAL-711316**



CERTIFICATE

I hereby recommend that the project report, entitled WIRELESS POWER TRANSFER(can be used as WIRELESS MOBILE CHARGER), prepared by Sahil Mollah(Reg. no.- 182750110029), Anamitra Sarkar(**Reg. no.- 182750110026**), Alekhya Sarkar(**Reg. no.- 182750110025**) and Amborish Shaw (**Reg. no.- 000185**) be accepted in partial fulfillment of the requirement for the Degree of **Batchelor of Technology (Electrical Engineering)** from the Department of Electrical Engineering of OmDayal Group of Institutions.

18/6/2022

SWAPAN KUMAR MAJUMDAR
Asst. Professor
Department of Electrical Engineering

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

AUTOMATIC 3 PH INDUCTION MOTOR STAR- DELTA STARTER USING PLC

A PROJECT REPORT

Submitted by

PRADIP SAMANATA	(27501618004)
RESHMA KHATUN	(27501619021)
SUBHAM PANJA	(27501618001)
SOUVIK SAMANTA	(27501618002)

In partial fulfillment for the award of the degree

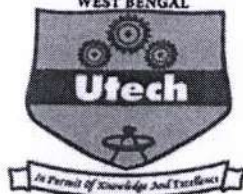
Of

BACHELOR OF TECHNOLOGY

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ELECTRICAL ENGINEERING

MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY,
WEST BENGAL



**OMDAYAL GROUP OF INSTITUTIONS
MAKAUT: WEST BENGAL**

(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

JUNE 2022

[1]


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

CERTIFICATE

This is to certify that:

Pradip Samanta (27501618004)
Reshma Khatun (27501619021)
Subham Panja (27501618001)
Souvik Samanta (27501618002)

Have completed their project work, titled

"Automatic three phase induction motor star - delta starter using PLC"

As per the syllabus and have submitted a satisfactory report on this project as a partial fulfillment towards the degree of

Bachelor of Technology

In

ELECTRICAL ENGINEERING

From

OMDAYAL GROUP OF INSTITUTIONS

External Examiner:

Internal Examiner:

Signature.....


Signature.....

Name:

Name:

18/6/2022
Swapan Kumar Majumder

[3]


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

Bluetooth control home automation using Arduino application

A PROJECT REPORT

Submitted by

Pralay chowdhary	27501619004
Snehasis Das	27501619030
Anup Dey	27501619031
Rohon paul	27501619002

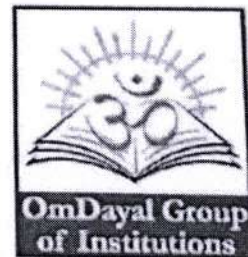
In partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL ENGINEERING



**OMDAYAL GROUP OF INSTITUTIONS
MAKAUT: WEST BENGAL
(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)**

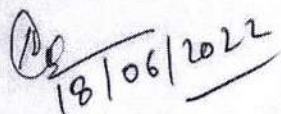
JUNE 2022


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

MAKAUT : WEST BENGAL 711316
(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

BONAFIDE CERTIFICATE

Certified that this project report Bluetooth control home automation using Arduino application is the bonafide work of **Pralay Chowdhury, Snehasis Das , Anup Dey , Rohan Paul** who carried out the project work under my guidance.

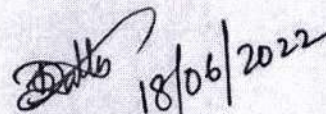

18/06/2022

SIGNATURE

Swarupa Ojha

HEAD OF THE DEPARTMENT

Department of Electrical
Engineering OmDayal Group of
Institutions Howrah - 711316

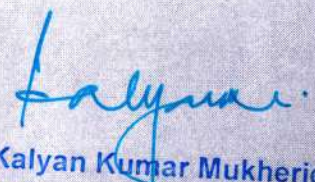

18/06/2022

SIGNATURE

Dipanjan Datta

SUPERVISOR

Assistant Professor
Department of Electrical Engineering
OmDayal Group of Institutions
Howrah - 711316



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

SPV PLANT MONITORING SYSTEM

A PROJECT REPORT

Submitted by

Kushal Dolai	27501619038
Rakhi Murmu	27501619007
Malay Ghosh	27501619008
Lija Dutta	27501619043
Krishanu Porey	27501619032

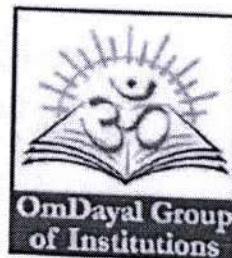
In partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

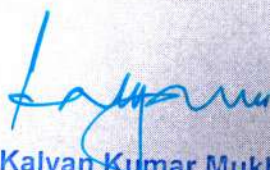
in

ELECTRICAL ENGINEERING



OMDAYAL GROUP OF INSTITUTIONS
MAKAUT: WEST BENGAL
(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

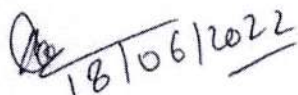
JUNE 2022


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

MAKAUT : WEST BENGAL 711316
(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

BONAFIDE CERTIFICATE

Certified that this project report SPV PLANT MONITORING SYSTEM is the bonafide work of **Kushal Dolai, Rakhi Murmu , Malay Ghosh ,Lija Dutta , Krishanu Porey** who carried out the project work under my guidance.

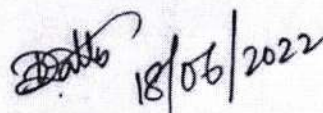

18/06/2022

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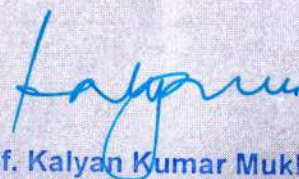

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Director
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Uluberia, Howrah

SOLAR TRACKING AND MONITORING SYSTEM
A PROJECT REPORT

Submitted by

Sayantan Singha	27501619048
Bablu Mondal	27501619050
Udayan Bose	27501619006
Subrata Pal	27501619009

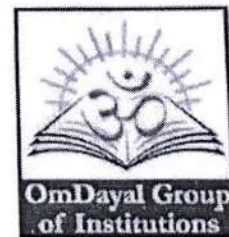
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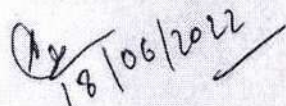
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BONAFIDE CERTIFICATE

Certified that this project report Solar Tracking and Monitoring System is the bonafide work of Sayantan Singha, Bablu Mondal, Udayan Bose, Subrata Pal who carried out the project work under my guidance.

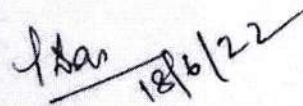

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Poulami Das

SUPERVISOR

Assistant Professor
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Prof. Kalyan Kumar Mukherjee
Director
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Uluberia, Howrah

Home Automation System using ARDUINO

A PROJECT REPORT

Submitted by

Tamim Sarkar	27501619010
Sk Mosibul	27501619020
Avijit See	27501619025
Sumangal Mistry	27501619037

In partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL ENGINEERING



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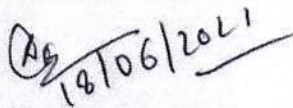
JUNE 2022

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Director
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MAKAUT : WEST BENGAL 711316
(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

BONAFIDE CERTIFICATE

Certified that this project report **Home Automation System using ARDUINO** is the bonafide work of Tamim Sarkar , SK Mossibul , Avijit See , Sumangal Mistry , who carried out the project work under my guidance.

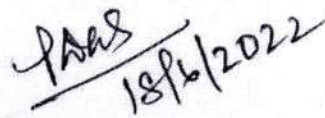

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SIGNATURE

Swarupa Ojha

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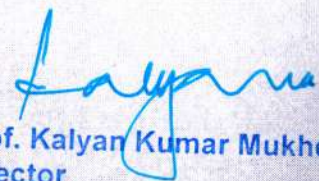

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Poulami Das

SUPERVISOR

Assistant Professor
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OmDayal Group of Institutions
Howrah - 711316



Prof. Kalyan Kumar Mukherjee
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OmDayal Group of Institutions
Uluberia, Howrah

DIGITAL TACHOMETER

A PROJECT REPORT

Submitted by

Ranjan Jana	27501619039
Subhadip Giri	27501619041
Rohit Kumar Ray	27501619042
Ashutosh Mahato	27501619046

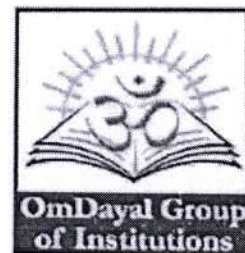
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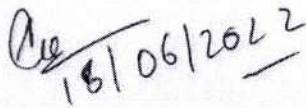
JUNE 2022

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

MAKAUT : WEST BENGAL 711316
(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

BONAFIDE CERTIFICATE

Certified that this project report **Digital Tachometer** is the bonafide work of Rohit Kumar Ray, Ranjan Jana , Subhadip Giri , Ashutosh Mahato who carried out the project work under my guidance.

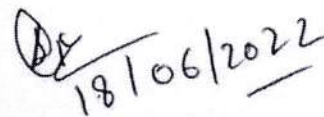

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Institutions Howrah - 711316


18/06/2022

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SUPERVISOR

Assistant Professor
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Howrah - 711316



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Director
OmDayal Group of Institutions
Uluberia, Howrah

SOLAR TRACKER

A PROJECT REPORT

Submitted by

Amit Kumar Samanta	27501619027
Sayantan Khanra	27501619049
Ajahar Khan	27501619047
Sayantan Nag	27501619023
Sunny Shaw	27501619026

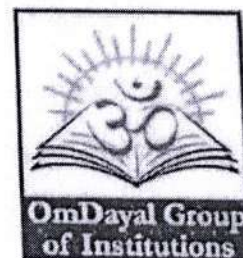
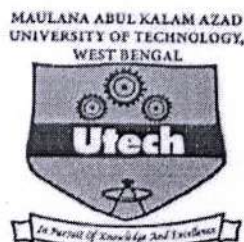
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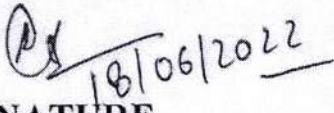
JUNE 2022


Prof. Kalyan Kumar Mukherjee
Director
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Uluberia, Howrah

MAKAUT : WEST BENGAL 711316
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BONAFIDE CERTIFICATE

Certified that this project report Solar Tracker is the bonafide work of Amit Kumar Samanta , Sayantan Khanra , Ajahar Khan , Sayantan Nag , Sunny Shaw who carried out the project work under my guidance.


SIGNATURE

Swarupa Ojha

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Swarupa Ojha

SUPERVISOR

Assistant Professor
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OmDayal Group of Institutions
Howrah - 711316


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Uluberia, Howrah

WIND POWER ENERGY

A PROJECT REPORT

Submitted by

Buddhadev Adhikary	27501619040
Sujit Kumar Das	27501619011
Sougata Sen	27501619014
Rakesh paruya	27501619001
Bipradas Mandal	27501619022

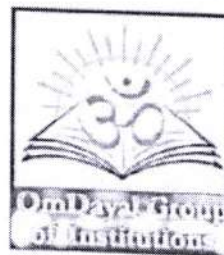
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JUNE 2022

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(FORMERLY WEST BENGAL UNIVERSITY OF TECHNOLOGY)

BONAFIDE CERTIFICATE

Certified that this project report **Wind Power Energy** is the bonafide work of Buddhadev Adhikary , Sujit Kumar Das , Sougata Sen , Rakesh paruya , Bipradas Mandal who carried out the project work under my guidance.


18/06/2022

SIGNATURE

Swarupa Ojha

HEAD OF THE DEPARTMENT

Department of Electrical
Engineering OmDayal Group of
Institutions Howrah - 711316



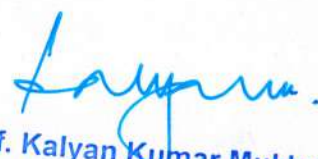
SIGNATURE

Swapan Kumar Majumder

SUPERVISOR

Assistant Professor
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Howrah - 711316

18/6/2022



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

A REPORT ON INDUSTRIAL VISIT AT ITC PANCHLA UNIT

PLACE OF VISIT: ITC PANCHLA UNIT

DATE: 30th MAY, 2022

PURPOSE: To get an idea of food processing in ITC factories.

ADDRESS: Nalpur - Panchla Rd, Beldubi, Nalpur, Kulai, West Bengal 711322



SUMMARY:

ITC-THE MOST POPULAR FOOD BRAND ALONG WITH ESSENTIAL COMMODITIES

ITC's Branded Packaged Foods business is one of the fastest-growing foods businesses in India, driven by the market standing and consumer franchise of its popular brands - Aashirvaad, Bingo! Sunfeast, Fabelle, Sunbean, Yippee! Kitchens of India, B Natural, ITC Master Chef, Farmland, mint-o, Candyman, and GumOn. The Foods business is today represented in multiple categories in the market - Staples, Spices, Biscuits, Confectionery & Gums, Snacks, Noodles & Pasta, Beverages, Dairy, Ready to Eat Meals, Chocolate, Coffee, and Frozen Foods.

ITC's uncompromising commitment to the health and safety of its consumers ensures adherence to the highest levels of quality, safety, and hygiene standards in manufacturing processes and in the supply chain. All ITC-owned manufacturing units are certified Hazard Analysis and

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Director
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Critical Control Point (HACCP). The quality performance of all manufacturing units is monitored continuously online. Going beyond process control, ITC ensures that quality standards are scrupulously adhered to while choosing ingredients that go into the preparation of its food products.

ITC's Foods brands delight millions of households with a wide range of differentiated, value-added products developed by leveraging ITC's in-house R&D capabilities, relevant consumer insights, a deep understanding of the Indian palate gained from its Hotels business, its agri-sourcing & packaging strengths, exciting, innovative communication and an unmatched distribution network.

OUR VISIT TO ITC PANCHLA

We, the students of the Electrical Engineering and Mechanical Engineering Department of OmDayal Group of Institutions along with our professors visited ITC Limited Panchla unit.

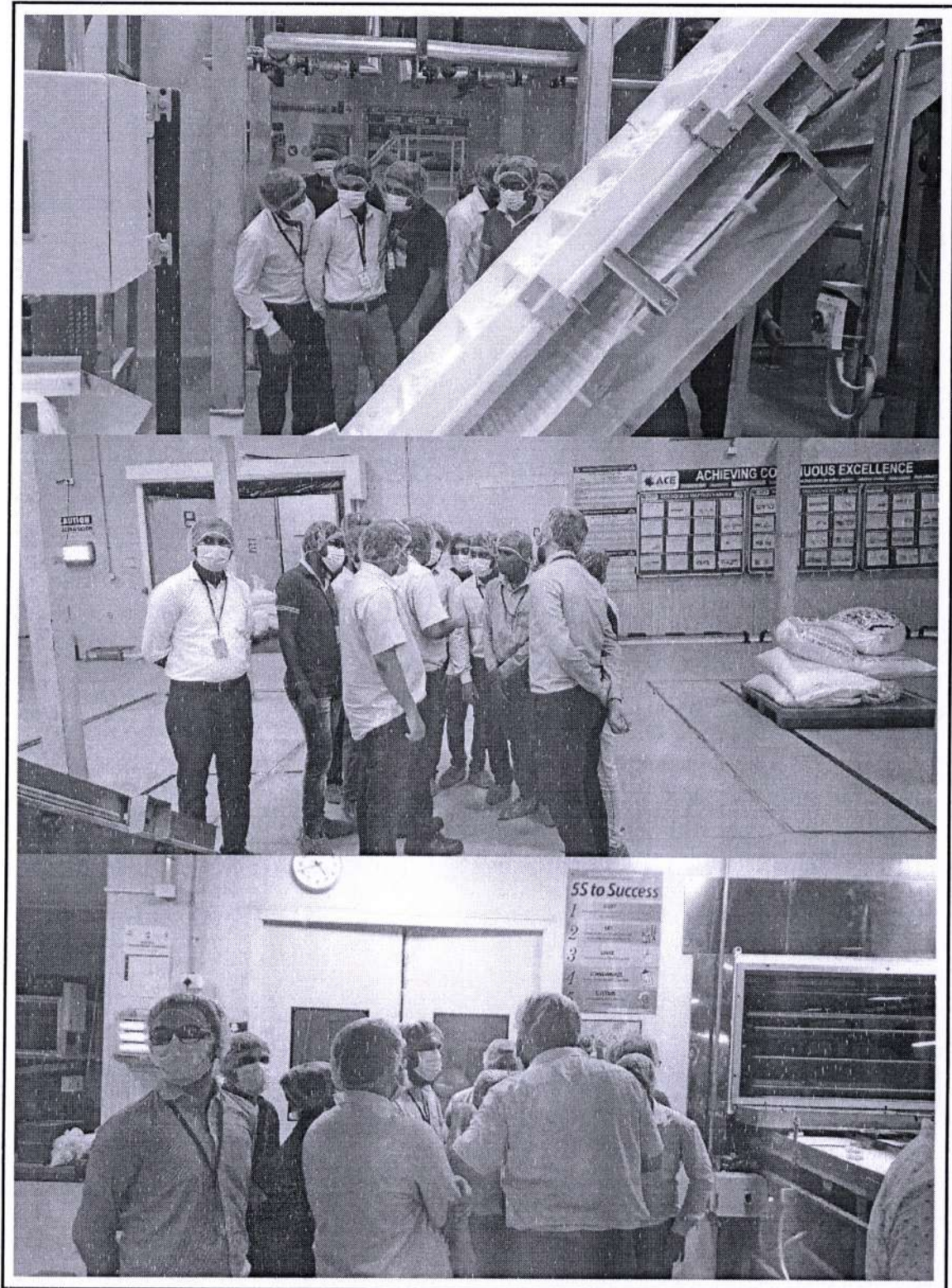
This branch has 3 food processing units as

- Bingo TedheMedhe unit
- Bingo Mad Angels
- Sunfeast Yippee Noodles

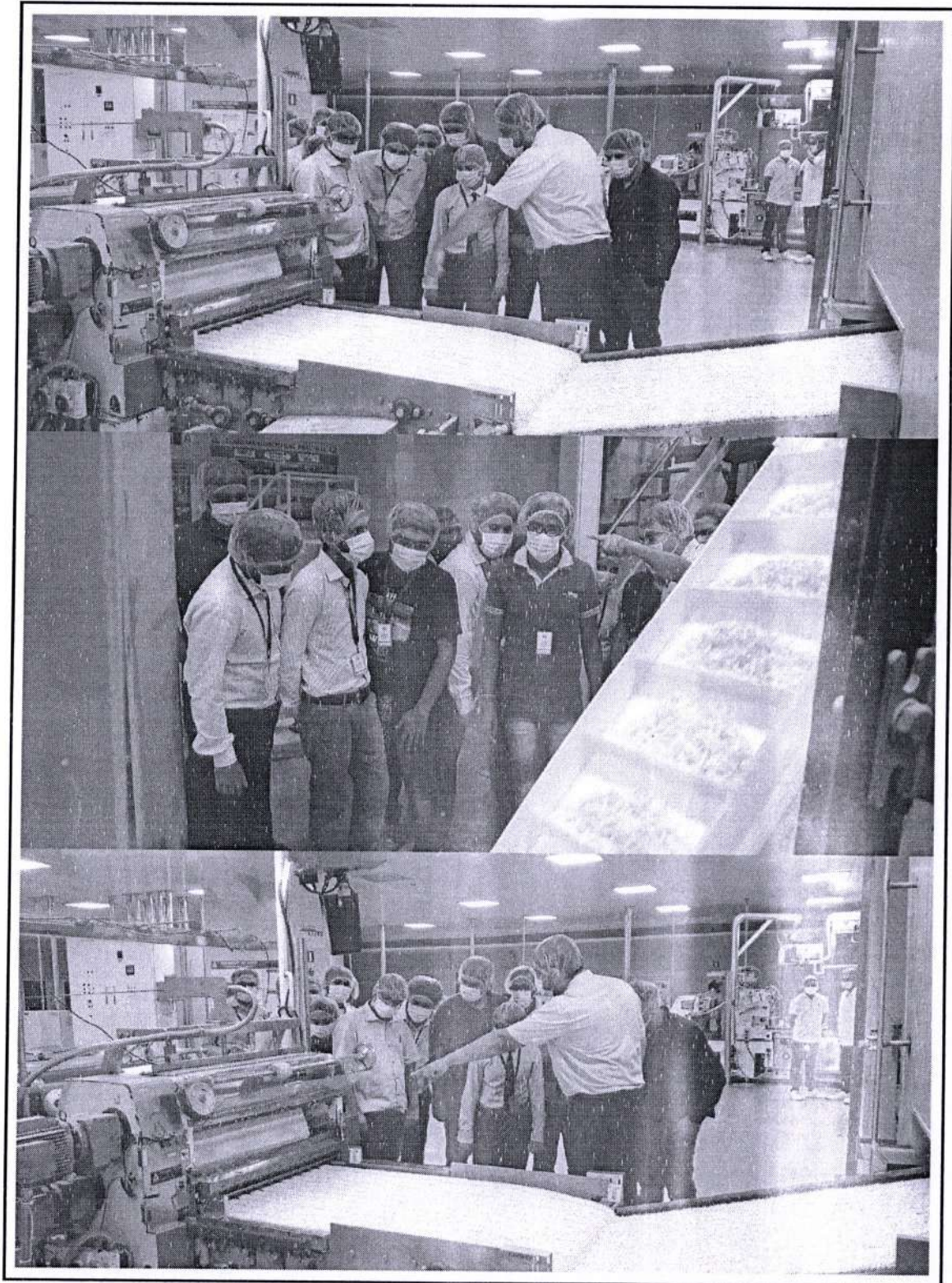
We visited the factory under the supervision of Mr. Sumanta Mishra. We've seen how our favourite noodles and snacks are being made.

However, we're grateful to our college for arranging such insightful visit to enhance our practical knowledge.


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



Kalyan
Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



Kalyan

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

Fwd: Seeking permission to visit your esteemed industry

3 messages

Swarupa Ojha <swarupaojha@gmail.com>

Tue, May 24, 2022 at 8:17 PM

To: Siddhartha Roy <siddhartha.roy.1988@gmail.com>, Dipanjan Datta <dattadipanjan00@gmail.com>, Poulomi Das <POULOMIDAS.ODGI@gmail.com>

----- Forwarded message -----

From: **amal dutta** <dutta.amal@gmail.com>

Date: Tue, 24 May, 2022, 4:49 pm

Subject: Re: Seeking permission to visit your esteemed industry

To: Swarupa Ojha <swarupaojha@gmail.com>

Respected sir,

With reference to your mail I am very much happy to inform you that you are welcome to visit our Workshop situated at Shed No B-6, Saktigarh Industrial Estate, Borsul, Dist. Purba Burdwan, Pin 713124 in the first week of June 2022. It is needless to mention that we are the Enlisted Repairer of Distribution Transformers under WBSEDCL. Kindly inform me before 2 days of your arrival so that I will present on that day.

Thanking you.

With regards

Amal Dutta

Proprietor

Electropulse Industries

Mob 9474172031

On Wed, May 18, 2022 at 12:35 PM Swarupa Ojha <swarupaojha@gmail.com> wrote:

To,

Mr. Amal Dutta

ELECTROPULSE INDUSTRIES

Borsal, Saktigarh, Industrial Estate

Shed no - b6

Burdwan-713124

Sir,

OmDayal Group of Institutions, College of Engineering & Architecture, Uluberia, Howrah, seeks permission for students of Electrical Engineering Department to visit your esteemed organization for one day in the first week of June 2022. There would be a total number of 10-12 students accompanied by two faculty members from our college.

Your coordination in this regard will not only help the cause of education but will also strengthen the youth of the nation.

Waiting with Anticipation.

With Regards,

Swarupa Ojha

Teacher-in-Charge

Electrical Engineering Department



Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

A Report On Industrial Visit at Electropulse Industries

Place of Visit: Electropulse Industries

Date: 4th June 2022

Address: Shed No. B 6, Saktigarh Industrial Estate,
BorsulBardhaman 713124
West Bengal, India

SUMMARY

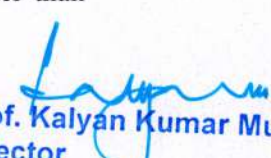
We the students of the Electrical Engineering Department of OmDayal Group of Institutions have visited Electropulse Industries at west Burdwan along with our professors.

We got to see the transformer repairing process and its manufacturing too. During that process, we saw that as we have drawn the diagram of two winding transformers, the so magical instrument is not that simple but has several parts with it. We knew it from our Electrical machine studies but real-time experience brushed that up.

We get a clear idea of transformer construction as it has the following parts-

- ❖ Core construction

- Core is a magnetic link between two systems connected to the transformer. A transformer core is the steel system which forms the magnetic circuit with all parts pertaining to its construction. Those parts of the magnetic circuit which carry the transformer windings are called the limbs or legs and those parts which connect the legs and serve for closing the magnetic circuit are termed yokes. the transformer cores are laminated and the laminations should be insulated and made as thin as practicable in order to reduce the eddy current loss to a minimum. However, there is a practical limit beyond which the thickness of laminations cannot be reduced further on account of mechanical considerations. The thickness of laminations or stampings varies from 0.35 mm to 0.5 mm. The thickness should not be made below 0.3 mm because in that case, the laminations become mechanically weak and tend to buckle. As a rule, the cores of high-capacity power transformers (for more than 100 kVA) are assembled of 0.5 mm steel sheets, since such a construction is less labour consuming than with 0.35 mm sheets. The laminations are insulated from each other by a very thin coating of varnish or by using 0.03 mm thick paper. Paper insulation is much cheaper than


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Uluberia, Howrah

varnish, but its heat-resisting and heat-conducting properties and mechanical strength are worse. Besides, paper insulation occupies too large a percentage of the stack cross section. For this reason in high capacity power transformers, where these drawbacks are significant, varnish insulation is used. In all types of transformers, the core is constructed of transformer sheet steel laminations assembled to provide a continuous magnetic path with a minimum of air gap included.

❖ Winding

➤ Transformer windings should comply to a number of requirements, the most important of which are: the winding should be economical both as regards initial cost, with a view to the market availability of copper, and the efficiency of the transformer in service; the heating conditions of the windings should meet standard requirements, since departure from these requirements towards allowing higher temperature will drastically shorten the service life of the transformer; the winding should be mechanically stable in respect to the forces appearing when sudden short circuits of the transformer occur; the winding should have the necessary electrical strength in respect to overvoltages. These requirements are often mutually contradictory. Thus, for example, with a larger current density in the winding less copper is required, but the copper losses increase and, therefore, the efficiency of the transformer decreases. Larger temperature rises allowed in the winding result in reduction in overall dimensions of the transformer, but shorten its service life, etc.. Therefore, the winding design of a modern transformer, especially in high-voltage transformer, is of utmost importance. In a transformer, the high-voltage and low-voltage windings are so designed and are so chosen that the axial short-circuit force is reduced to minimum which allows a much simpler coil support. Transformer windings are made of solid or stranded copper or aluminium strip conductors. Heavy current capacity needs conductors of large cross section. To reduce eddy current losses in the conductors, several small wires or parallel straps are preferred to one large strap. This gives rise to unequal reactance of the components of the conductor which can be eliminated by transposition of conductors. In Electropulse Industries, we have seen mainly two types of windings

- Concentric windings
- Sandwich windings

❖ Insulation

➤ No feature in the construction of a transformer is given more attention and care than the insulating materials because the life of the unit depends, to a very large extent, upon the quality, durability, and handling of these materials. All insulating materials, such as paper,

pressboard, cloth, mica, asbestos, and impregnating compounds are selected on the basis of high quality and their ability to preserve this quality after many years of normal service. Here impregnated paper is being used.

❖ Insulating Oil

- The insulating oil has three functions. It provides additional insulation, protects the insulation from dirt and moisture and it carries away the heat generated in the cores and coils. The heat is produced in the metal of transformer, passes through the insulation and raises the temperature of oil and is then conducted either through the walls of the tank to the surrounding air or to the water through water cooling tubes. The most extensively used oil is Transformer oil. It is obtained by the fractional distillation of crude petroleum.

❖ Tank

❖ Conservator tank

- The satisfactory operation of a transformer depends so largely on the condition of the oil and, therefore, devices and methods for keeping the oil clean and dry are of utmost importance. The oil level of a transformer changes with changes in temperature of oil which in turn depends upon the load on the transformer. The oil expands with the increase in load and contracts when the load decreases. Large power transformers are also liable to overloads which may overheat the oil and consequently there is a sludge formation if air is present. Occasionally large power transformers also suffer short circuits and temperature rise becomes excessively high. This causes vapourisation of a part of the oil. The oil vapours form explosive mixture with air that ignites and may cause a considerable damage. For these reasons it is necessary to prevent the oil from having contact with air as well as moisture. For this purpose conservators are employed.

❖ Temperature Gauge

❖ Oil Gauge

❖ Breather

- When the transformer becomes warm, the oil and gas expand. The gas at the top of the oil is expelled out. When the transformer cools, air is drawn into the transformer. Unless preventive measures are taken, moisture is drawn during this process, called the breathing. This moisture is readily absorbed by the oil, and the dielectric properties of the oil are correspondingly reduced. The air entering the transformer is made moisture free by letting it pass through an apparatus called the breather. A breather consists of a small container connected to the vent pipe and contains a dehydrating material like silica gel crystals impregnated with cobalt chloride. The material is blue when dry and a whitish pink when damp. The colour can be observed through a glass window provided in front of container.

❖ Gas operated Realy- Buchholz Relay


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OmDayal Group of Institutions
Uluberia, Howrah

Some Photographs during visit



Kalyan
Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



Kalyan

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



Certificate of Completion



Awarded to

Mr. Alekhya Sarkar

TPSDI Enrollment No. 23000804MA

for successfully completing a training program titled

Advanced Industrial Skills for Electrical Engineers I

as per TPSDI Skill Qualification Framework

held at TPSDI-Maithon

[Recognized under Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations 2010]

from June 13 to 17, 2022

J C Mistry
Chief TPSDI

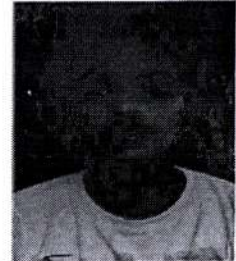
TPSDI
TATA POWER
SKILL DEVELOPMENT INSTITUTE
Empowering Skills for Life!

Prof. Kalyan Kumar Mukherjee
Director

Om Dayal Group of Institutions
Hubli, Howrah



Certificate of Completion



Awarded to

Mr. Anamitra Sarkar

TPSDI Enrollment No. 23000803MA

for successfully completing a training program titled

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J C Mistry
Chief TPSDI

TPSDI
TATA POWER
SKILL DEVELOPMENT INSTITUTE
Empowering Skills for Life!

Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Ghubera, Howrah

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Rajrajeswari Bag

participated in "VLSI.."
from 11th Nov, 2021 to 11th Jan, 2022
and successfully completed the program.

16-Jan-2022

DATE



PAUL MATHEW. I
OVERALL COORDINATOR



OmDayal Group of Institutions

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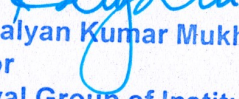
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Number of students of **Mechanical Engineering** department undertaking Projects/Field Work/ Internship for the Academic Year 2021-2022 is 70.

Program Name- B.Tech in Mechanical Engineering

Program Code- 007

2021-22 Details of Project/ Internship/ Field work, Mechanical Engineering					
Sl. No	Roll No	Name	Title of the project/ Internship/ Field work	Duration	Organization
1	27500718029	Bipro Das Khan	Design and Analysis of Automatic Differential Unit Locking System	1 year	OmDayal Group of Institutions
2	27500719003	Pallab Das			
3	27500719004	Sayar Charan			
4	27500719005	Iman Chatterjee			
5	27500719001	Santanu Mondal	Experimental Investigation of Microstructure and Mechanical Properties of Laser Welded Sheets		
6	27500719006	Debasish Patra			
7	27500719007	Samiran Parua			
8	27500719008	Arup Maity			
9	27500719009	Santanu Mandal	Design and Analysis of Waste Recycler by Anaerobic Digestion		
10	27500719010	Debjoty Chakraborty			
11	27500719013	Tarapada Ghosh			
12	27500719014	Sadananda Hazra			
13	27500719015	Nabiul Haque Khan	Chip-Tool Interface Temperature Prediction Model for Turning Process		
14	27500719016	Manish Kumar Bhakta			
15	27500719017	Nehal Singh			
16	27500719018	Amiya Manna			
17	27500719019	Surojit Mondal	Prediction of tool and chip temperature in continuous and interrupted machining		
18	27500719020	Chandaneswar Ghosh			
19	27500719021	Ranvijay Pratap Singh			
20	27500719022	Animesh Sinha			
21	27500719023	Alok Kumar Sahoo	Study & Experiment the Parameters optimization of MIG Welding		
22	27500719025	Saikat Jana			
23	27500719026	Partha Tung			
24	27500719027	Arnab Bhowmik			
25	27500719029	Sudipta Ghosh	Design and Analysis of a Flywheel in Automobile.		
26	27500719030	Debnath Ghosh			
27	27500719031	Kausik Jana			
28	27500719032	Subhadip Mondal			


Prof. Kalyan Kumar Mukherjee
Director
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29	27500719033	Jayanta Pradhan	Design and Analysis of a Shock Absorber in Two-wheeler Vehicle		
30	27500719034	Aftab Zamadar			
31	27500719035	Rounak Sen			
32	27500719036	Sayandip Paul			
33	27500719037	Akash Kundu	Design and Analysis of a Leaf Spring Suspension in Heavy Vehicles		
34	27500719038	Soumya Moulik			
35	27500719040	Azad Aktab Mondal			
36	27500719041	Saddam Hossain			
37	27500719042	Md Asif Parwez	Design and Analysis of Rapping Motor of ESP		
38	27500719043	Sk Tousif Ahmed			
39	27500719044	Md Sajid			
40	27500719045	Sayantan Ghosh			
41	27500719046	Abhishek Biswas	An investigation in improved safety of Hyperloop System		
42	27500719047	Kumar Somay Srivastav			
43	27500719048	Prabir Kumar Maji			
44	27500719050	Proneel Naskar			
45	27500719051	Md Saif Ali	A detailed Review on Dye Penetrant Test of a Sulphuric Acid Tank		
46	27500719052	Sumanta Mandal			
47	27500719053	Suman Acharya			
48	27500719054	Sayan Roy			
49	27500719055	Anup Mahata	Energy and Exergy analysis of Triple Effect Vapour Absorption Air Conditioning System		
50	27500719056	Sawon Das			
51	27500719057	Susaman Pradhan			
52	27500719058	Souvik Sikdar			
53	27500719059	Bibekananda Jana	Mini conveyer belt mechanism		
54	27500719060	Mrinmoy Samanta			
55	27500719061	Pratick Ghosh			
56	27500719062	Suman Samanta			
57	27500719063	Amit Das	Thermal analysis of engine cylinder with fins		
58	27500719064	Gourab Das			
59	27500719065	Rajesh Mallik			
60	27500719067	Suman Maity			
61	27500720005	Pukar Acharya	Practical Training at Power House Division	1 Month	NHPC Teesta-V Power Station, Singtam, Sikkim
62	27500719011	Akash Kumar	Belt Drive Model Set-Up for Experimentation (Mini Project)	6 Months	OmDayal Group of Institutions
63	27500720032	Puspita Shee			
64	27500720004	Pradipta Das			
65	27500720020	Rohit Hazra			
66	27500718029	Bipro Das Khan	Industrial Visit	1 day	ITC Limited, Panchla,
67	27500719003	Pallab Das			

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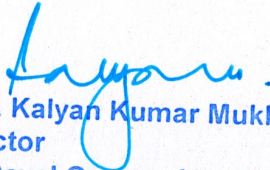
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68	27500719004	Sayar Charan			Howrah
69	27500719005	Iman Chatterjee			
70	27500719010	Debjoty Chakraborty			


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This is to certify that SANTANU MONDAL (27500719001), DEBASISH PATRA (27500719006), SAMIRAN PARUA (27500719007) and ARUP MAITY (27500719008) have successfully completed their Project entitled **"EXPERIMENTAL INVESTIGATION OF MICROSTRUCTURE AND MECHANICAL PROPERTIES OF LASER WELDED SHEETS"** under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
OmDayal Group of Institutions

Deepanjan Das
Assistant Professor and Guide
Department of Mechanical Engineering
OmDayal Group of Institutions

Prof. Kalyan Kumar Mukherjee
Director
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This is to certify that BIPRO DAS KHAN (27500718029), PALLAB DAS (27500719003), SAYAR CHARAN (27500719004) and IMAN CHATTERJEE (27500719005) have successfully completed their Project entitled “**DESIGN AND ANALYSIS OF AUTOMATIC DIFFERENTIAL UNIT LOCKING SYSTEM**” under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
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Deepanjan Das
Assistant Professor and Guide
Department of Mechanical Engineering
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This is to certify that SANTANU MANDAL (27500719009), DEBJOTY CHAKRABORTY (27500719010), TARAPADA GHOSH (27500719013) and SADANANDA HAZRA (27500719014) have successfully completed their Project entitled "**DESIGN AND ANALYSIS OF WASTE RECYCLER BY ANAEROBIC DIGESTION**" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
OmDayal Group of Institutions

Deepanjan Das
Assistant Professor and Guide
Department of Mechanical Engineering
OmDayal Group of Institutions

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This is to certify that NABIUL HAQUE KHAN (27500719015), MANISH KUMAR BHAKTA (27500719016), NEHAL SINGH (27500719017) and AMIYA MANNA (27500719018) have successfully completed their Project entitled "**CHIP-TOOL INTERFACE TEMPERATURE PREDICTION MODEL FOR TURNING PROCESS**" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
OmDayal Group of Institutions

Ranjit Barua
Assistant Professor and Guide
Department of Mechanical Engineering
OmDayal Group of Institutions

Prof. Kalyan Kumar Mukherjee
Director
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This is to certify that SUROJIT MONDAL (27500719019), CHANDANESWAR GHOSH (27500719020), RANVIJAY PRATAP SINGH (27500719021) and ANIMESH SINHA (27500719022) have successfully completed their Project entitled "**PREDICTION OF TOOL AND CHIP TEMPERATURE IN CONTINUOUS AND INTERRUPTED MACHINING**" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
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Ranjit Barua
Assistant Professor and Guide
Department of Mechanical Engineering
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This is to certify that ALOK KUMAR SAHOO (27500719023), SAIKAT JANA (27500719025), PARTHA TUNG (27500719026) and ARNAB BHOWMIK (27500719027) have successfully completed their Project entitled "STUDY & EXPERIMENT THE PARAMETERS OPTIMIZATION OF MIG WELDING" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
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Ranjit Barua
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This is to certify that JAYANTA PRADHAN (27500719033), AFTAB ZAMADAR (27500719034), ROUNAK SEN (27500719035) and SAYANDIP PAUL (27500719036) have successfully completed their Project entitled "**DESIGN AND DEVELOPMENT OF TWO-WHEELER SHOCK ABSORBER COIL SPRING**" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
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Sumit Bhowmik
Assistant Professor and Guide
Department of Mechanical Engineering
OmDayal Group of Institutions

Prof. Kalyan Kumar Mukherjee
Director
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This is to certify that AKASH KUNDU (27500719037), SOUMYA MOULIK (27500719038), AZAD AKTAB MONDAL (27500719040) and SADDAM HOSSAIN (27500719041) have successfully completed their Project entitled "**DESIGN OF A LEAF SPRING SUSPENSION IN HEAVY VEHICLES**" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
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Sumit Bhowmik
Assistant Professor and Guide
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This is to certify that SUDIPTA GHOSH (27500719029), DEBNATH GHOSH (27500719030), KAUSIK JANA (27500719031) and SUBHADIP MONDAL (27500719032) have successfully completed their Project entitled "**DESIGN OF FLYWHEEL FOR A TWO-WHEELER MOTORCYCLE**" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
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This is to certify that MD ASIF PARWEZ (27500719042), SK TOUSIF AHMED (27500719043), MD SAJID (27500719044) and SAYANTAN GHOSH (27500719045) have successfully completed their Project entitled "**DESIGN AND ANALYSIS OF RAPPING MOTOR OF ESP**" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
OmDayal Group of Institutions

Arindam Banerjee
Assistant Professor and Guide
Department of Mechanical Engineering
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This is to certify that MD SAIF ALI (27500719051), SUMANTA MANDAL (27500719052), SUMAN ACHARYA (27500719053) and SAYAN ROY (27500719054) have successfully completed their Project entitled "**A DETAILED REVIEW ON DYE PENETRANT TEST OF A SULPHURIC ACID TANK**" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
OmDayal Group of Institutions

Arindam Banerjee
Assistant Professor and Guide
Department of Mechanical Engineering
OmDayal Group of Institutions

Prof. Kalyan Kumar Mukherjee
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CERTIFICATE

This is to certify that ABHISHEK BISWAS (27500719046), KUMAR SOMAY SRIVASTAV (27500719047), PRABIR KUMAR MAJI (27500719048) and PRONEEL NASKAR (27500719050) have successfully completed their Project entitled "AN INVESTIGATION IN IMPROVED SAFETY OF HYPERLOOP SYSTEM" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
OmDayal Group of Institutions

Arindam Banerjee
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CERTIFICATE

This is to certify that AMIT DAS (27500719063), GOURAB DAS (27500719064), RAJESH MALLIK (27500719065) and SUMAN MAITY (27500719067) have successfully completed their Project entitled "**THERMAL ANALYSIS OF ENGINE CYLINDER WITH FINS**" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
OmDayal Group of Institutions

Kunal Adhikary
Assistant Professor and Guide
Department of Mechanical Engineering
OmDayal Group of Institutions

Prof. Kalyan Kumar Mukherjee
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This is to certify that BIBEKANANDA JANA (27500719059), MRINMOY SAMANTA (27500719060), PRATICK GHOSH (27500719061) and SUMAN SAMANTA (27500719062) have successfully completed their Project entitled "**MINI CONVEYER BELT MECHANISM**" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
OmDayal Group of Institutions

Kunal Adhikary
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This is to certify that ANUP MAHATA (27500719055), SAWON DAS (27500719056), SUSAMAN PRADHAN (27500719057) and SOUVIK SIKDAR (27500719058) have successfully completed their Project entitled "ENERGY AND EXERGY ANALYSIS OF TRIPLE EFFECT VAPOUR ABSORPTION AIR CONDITIONING SYSTEM" under my/our supervision for the partial fulfilment of the requirements for the B. Tech Degree in Mechanical Engineering.

Prof. (Dr.) Yogesh Kumar Sinha
Principal and HOD In-Charge
Department of Mechanical Engineering
OmDayal Group of Institutions

Kunal Adhikary
Assistant Professor and Guide
Department of Mechanical Engineering
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Prof. Kalyan Kumar Mukherjee
Director
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Mini Project Synopsis of BELT DRIVE MODEL SET-UP FOR EXPERIMENTATION

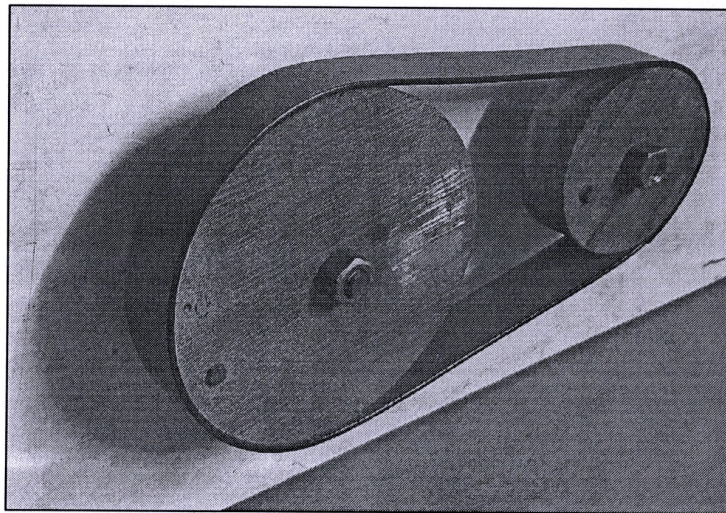
By

Akash Kumar - 27500719011

Puspita Shee - 27500720032

Pradipta Das - 27500720004

Rohit Hazra - 27500720020



An experimental set-up of a belt drive system has been designed and created. The set-up consists of two different sized pulleys, a flat belt, a rigid frame with shafts and bearing arrangements. A DC motor is connected to the driving shaft/pulley. The motion is transmitted to the driven shaft/pulley via the belt. During motion transmission, slip will occur between the pulleys and the belt. This slip percentage shall be measured by measuring the velocities of the pulleys.



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Summary of Industrial Visit Program

The Department of Mechanical Engineering, OmDayal group of Institutions organized an Industrial Visit to "ITC Limited, Food Business Division, ICML, Panchla Unit, (WB) for the students of Departments of Mechanical and Electrical Engineering on 30/05/2022.

A total of 11 students attended the Visit Program under the guidance of Arindam Banerjee (Asst. Prof. ME) and Siddhartha Roy (Pro Term Lecturer, EE).




Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah

Industrial Visit to ITC Limited, Food Business Division, ICML, Panchla Unit, (WB)
Organized by OmDayal Group of Institutions
Conducted by Department of Mechanical Engineering & Department of Electrical Engineering
30.05.2022

Attendance List

Sl. No.	Name of the Student	Stream	Signature
1	Pallab Das	ME	Pallab Das
2	Iman Chatterjee	ME	Iman Chatterjee
3	Debjoty Chakraborty	ME	Debjoty Chakraborty
4	Akash Kumar	ME	Akash Kumar
5	Bipro Das Khan	ME	Bipro Das Khan
6	Sayar Charan	ME	Sayar Charan
7	Souvik Mondal	EE	Souvik Mondal
8	Nepal Kal	EE	Nepal Kal
9	Krishnendu Bar	EE	Krishnendu Bar
10	Rajrajeshwari Bag	EE	Rajrajeshwari Bag
11	Susmita Pramanik	EE	Susmita Pramanik

A. Barojee
30/5/22


Prof. Kalyan Kumar Mukherjee
Director
OmDayal Group of Institutions
Uluberia, Howrah



एनएचपीसी लिमिटेड
NHPC LIMITED
(भारत सरकार का उद्यम)
(A Govt. of India Enterprise)
तीस्ता-V पावर स्टेशन
Teesta-V Power Station
सिंगताम, पूर्वी सिक्किम-737134
Singtam, East Sikkim- 737134



IS/ISO 9001 IS/ISO 14001 IS 18001
आई एम एस प्रमाणित पावर स्टेशन
IMS certified Power Station
फोन/Ph: 03592-247421
फैक्स/Fax: 03592-247227

सं-तीस्ता/एनएच:V/मा.सं/2022/257

दिनांक:31/05/2022

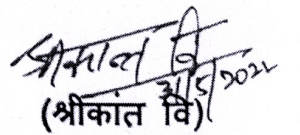
प्रमाणपत्र/CERTIFICATE

प्रमाणित किया जाता है कि श्री पुकार आचार्या (रो.नो.27500720005), ॐ डायल ग्रुप ऑफ इंस्टीट्यूशंस (मैकानिकल इंजीनियरिंग) का छात्र ने दिनांक 01.05.2022 से 31.05.2022 तक एनएचपीसी लिमिटेड, तीस्ता-V पावर स्टेशन, सिंगताम, पूर्वी सिक्किम से पावर हाउस विभाग में औद्योगिक @ व्यवहारिक प्रशिक्षण प्राप्त किया है।

This is to certify that Mr. Pukar Acharya (R.No.27500720005) a student of B.Tech. (Mechanical Engineering) from Om Dayal Group of Institutions has undergone practical training in NHPC Limited at Power House Division, Teesta-V Power Station, Singtam, East Sikkim w.e.f 01.05.2022 to 31.05.2022.

प्रशिक्षण अवधि के दौरान इनका व्यवहार शिष्ट और अनुशासित पाया गया।
During the training period he was found sincere and disciplined.

हम इनके उज्ज्वल भविष्य की कामना करते हैं।
We wish him all success in his professional endeavors.


(श्रीकांत वि.)

उप प्रबंधक (मा.सं.)

उप. प्रबंधक (मा. स.) / Deputy Manager (HR)
तीस्ता-V पावर स्टेशन / Teesta-V Power Station
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