



Late Shri. Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai
At- Shirgaon, Post-Virar (E.), Tal-Vasai, Dist-Palghar – 401 305.

Tel.: 777 000 2544 • Website : www.viva-technology.org

E-mail: contact@viva-technology.org / principalvit@vivacollege.org

PROJECT EXHIBITION/PROJECT COMPETITION ACADEMIC YEAR - 2018-19

Department of Civil Engineering, VIVA Institute of technology conducted Project Exhibition/Project Competition on 28/03/2019. Total 35 groups participated in the exhibition from across various institutes. Environmental lab, survey Lab, Transportation lab, Geotechnical lab - Ground floor and in the main building. Various Industry persons also attended the project exhibition and appreciated students for their good work and also gave their feedback to students on various Projects.



Project Exhibition 2018-19



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First Prize of the Project Exhibition was won by Arnav Mishra and team under the guidance of Prof. Harshal Pathak from Pillai HOC college of Engineering and Technology. Their project was Performance evaluation of flooded mitigation Techniques and treatment for Mumbai Region.



Project Exhibition - 2019

mp	Full Name of Student : (1s Branch)	Course	Semester
3/14/2019 11:26:25	Kalpesh mondkar	Civil Engineering / Diploma	Engineering
3/15/2019 15:41:36	Amit Roy	Civil Engineering / Diploma	Engineering
3/15/2019 15:45:25	Divesh Mukne	Civil Engineering / Diploma	Engineering
3/15/2019 16:29:50	Swapnil Rajkumar Sable	Civil Engineering / Diploma	Engineering
3/15/2019 18:36:41	TEJAS AMRITLAL DEOR	Civil Engineering / Diploma	Engineering
3/15/2019 19:28:05	Ankita S Kurankar	Civil Engineering / Diploma	Engineering
3/15/2019 20:04:22	Mrunmayi Rathod	Civil Engineering / Diploma	Engineering
3/15/2019 20:18:32	Durvish Shahasane	Civil Engineering / Diploma	Engineering
3/16/2019 20:03:10	Shweta Shatrughan Gupta	Civil Engineering / Diploma	Engineering
3/16/2019 21:56:10	Sankalp Baria	Civil Engineering / Diploma	Engineering
3/17/2019 21:30:33	PRATIK ASHOK PAWAR	Civil Engineering / Diploma	Engineering
3/18/2019 1:03:18	NITYANAND DWIVEDI	Civil Engineering / Diploma	Engineering
3/18/2019 11:09:43	Rugved Gawad	Civil Engineering / Diploma	Engineering
3/18/2019 13:53:37	DHARA RAMESH VORA	Civil Engineering / Diploma	Engineering
3/18/2019 13:55:30	Nimisha shigvan	Civil Engineering / Diploma	Engineering
3/18/2019 14:09:35	Swati Gavali	Civil Engineering / Diploma	Engineering
3/18/2019 14:11:03	Avadhut Joshi	Civil Engineering / Diploma	Engineering
3/18/2019 14:11:26	Mayank Vijay Katode	Civil Engineering / Diploma	Engineering
3/18/2019 14:25:26	Kalpiti pati	Civil Engineering / Diploma	Engineering
3/18/2019 14:25:45	Swapnil Vidnyan Nipane	Civil Engineering / Diploma	Engineering
3/18/2019 16:14:06	Dipesh Jayprakash Patil	Civil Engineering / Diploma	Engineering
3/18/2019 16:24:48	Amit Roy	Civil Engineering / Diploma	Engineering
3/18/2019 18:54:59	Abhishek pandey	Civil Engineering / Diploma	Engineering
3/18/2019 19:56:57	Yogesh Naik	Civil Engineering / Diploma	Engineering
3/18/2019 20:55:47	Anas Poshkar	Civil Engineering / Diploma	Engineering
3/18/2019 21:14:30	Sarvankar Anand Dashar	Civil Engineering / Diploma	Engineering
3/18/2019 22:43:33	Amav Mishra	Civil Engineering / Diploma	Engineering
3/19/2019 13:02:04	Shaikh Noor Mohd Rafiq	Civil Engineering / Diploma	Engineering
3/19/2019 15:01:05	Swapnil Dhaku Doiphode	Civil Engineering / Diploma	Engineering
3/19/2019 19:23:01	Shivraj Chavan	Civil Engineering / Diploma	Engineering
3/19/2019 19:37:37	AKASH CHANDRAKANT	Civil Engineering / Diploma	Engineering
3/20/2019 0:06:57	shubham sanjay kadam	Civil Engineering / Diploma	Engineering

Project Topic/ Name of Model	Name of College / Institute
Sewage water treatment	Viva Institute of technology
Floating Structure	VIVA Institute of Technology
Underground interlinking of tubewell	Viva Institute of Technology
Rail cum Road Bridge	Viva Institute Of Technology
INTELLIGENT TRAFFIC MANAGEMENT SYSTEM	VIVA INSTITUTE OF TECHNOLOGY
Design Of Biogas Plant and generation of biogas using kitchen waste.	Vishwaniketan iMEET
Town planning	Viva Institute of technology
Precast concrete structure in residential building	Vishwaniketan iMEET
Sewage waste water treatment plant	Viva Institute of technology
Implementation of foreign technique in solid waste management	Viva Institute Of Technology
Future transportation	VIVA institute of technology
PERMEABLE PAVEMENT	VIVA INSTITUTE OF TECHNOLOGY
Micro-Irrigation	VIVA Institute of Technology
PT slab	Viva Institute of technology
Rapid sand filter	Viva Institute Of Technology
Underwater Windmill	Viva Institute of Technology
Replacement of cement by ricehusk	Viva
METRO RAILWAY	Viva
Design of drainage system of a town	Viva Institute of technology
Water Soaking Road	Viva Institute Of Technology
Planning and Designing of Nalasopara Bus Depot	VIVA Institute of Technology
Floating Structure	VIVA Institute of y
Reuse of plastic & construction waste for manufacturing of solid and paver block	Anjuman Islami's kalsekar technical campus, New parnel
Comparative Analysis of Guyed Mast & Self-supporting Cellular Tower	Viva Isttute Of Technology
Treatment of water using natural materials	Anjuman I Islami's Kalsekar Technical Campus
Circular runway	VIVA INSTITUTE OF TECHNOLOGY
Performance evaluation of flood mitigation techniques and treatment for Mumbai region	Pillai HOC college of engineering and technology
E waste management reuse and recycle	A.I Kalsekar technical campus
Circular Runway Design	Viva Institute Of Technology
Cobias slab system	Vishwaniketan's iMEET
Geotextiles Roads	Viva Institute of Technology
AUTOMATIC DIVIDER	viva college of diploma engineering and technology



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3/20/2019 10:59:41 Suraj Pandit Patil	Civil Engineering / Diploma	Engineering	8th Sem
3/20/2019 11:17:32 DAKSHESH SADANAND	Civil Engineering / Diploma	Engineering	8th Sem
3/20/2019 12:05:49 Rahul Sanjay Bijwe	Civil Engineering / Diploma	Engineering	6th Sem
3/20/2019 16:59:20 Prathamesh Vichare	Civil Engineering / Diploma	Engineering	8th Sem
3/21/2019 1:27:54 Swati keshav patil	Civil Engineering / Diploma	Engineering	4th Sem
3/21/2019 19:29:52 Vrushali gawale	Civil Engineering / Diploma	Engineering	4th Sem
3/21/2019 20:33:38 Swati keshav patil	Civil Engineering / Diploma	Engineering	4th Sem

Lightweight Panel System
Irrigation of Fields Using Fog Catcher Equipments
Overhead Small Water tank cleaner
Elastomeric Base Isolated Structure
Metro project
Moving divider and dynamic electricity generated
Junction building

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8600745734 Vismay vartak Mayuresh padaskar Rahul shikule
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8983198337 Himani barapatre
8097989848 Hemant Hindurao Lokhan/ Abhishek bhadwan jadhav



Department of Civil Engineering

PROJECT EXHIBITION-2019

Evaluation sheet for Project Exhibition

Group. No.	Name of Project	Idea (5pts)	Execution: Construction and Testing (10pts)	Design methodology (15pts)	Presentation (10pts)	Result (10pts)	Total (50pts)
1	Floating Structure	5	5	10	10	5	35
2	Underwater Windmill						30
3	Sewage waste water treatment plant	4	5	8	8	5	35
4	Underground interlinking of tubewell	5	4	6	6	4	25
5	Intelligent traffic management system	5	8	10	5	2	32
6	Permeable pavement	2	5	5	4	4	20
7	Comparative Analysis of Guyed Mast & Self-supporting Cellular Tower	5	4	7	8	5	30
8	Moving divider and dynamic electricity generated	5	5	7	7	6	30
9	Circular runway	4	5	4	3	4	20
10	Circular runway design	5	5	5	7	6	30
11	Recycling of domestic waste water	5	5	5	5	5	25



Department of Civil Engineering

PROJECT EXHIBITION-2019

Evaluation sheet for Project Exhibition

Group. No.	Name of Project	Idea (5pts)	Execution: Construction and Testing (10pts)	Design methodology (15pts)	Presentation (10pts)	Result (10pts)	Total (50pts)
12	Water soaking road						25
13	Rail cum Road Bridge						30
14	Permeable pavement						30
15	Irrigation of Fields Using Fog Catcher Equipment	4	5	11	10	5	35
16	Rapid sand filter	5	5	5	5	5	25
17	Design of drainage system of a town						30
18	Trickling filter	5	4	6	5	5	25
19	PT slab	5	4	10	8	5	32
20	Planning and Designing of Nalasopara Bus Depot	4	5	9	9	5	32
21	Town planning	5					30
22	Future transportation	5	5	9	8	5	32



Department of Civil Engineering

PROJECT EXHIBITION-2019

Evaluation sheet for Project Exhibition

Group No.	Name of Project	Idea (5pts)	Execution: Construction and Testing (10pts)	Design methodology (15pts)	Presentation (10pts)	Result (10pts)	Total (50pts)
23	Geotextile Roads	14	5	8	8	5	30
24	Implementation of foreign technique in solid waste management	5	10	10	5	5	35
25	Automatic Divider	5	8	10	7	5	35
26	Precast Concrete Structure In Residential Building	5	4	5	6	4	25
27 30	Design of Biogas Plant and Generation of biogas using kitchen waste	5	4	15	10	4	38
28 30	Cobiax slab system						
29	Elastomeric Base Isolated Structure	5	8	8	5	4	30
30	Micro-Irrigation	4	6	8	8	5	30
31	Lightweight Panel System	5	6	8	7	4	30
32	Reuse of Plastic & Construction waste for manufacturing of solid and paver	5	7	8	7	3	30

