



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 / principalvit@vivacollege.org / principalvit@vivacollege.org /

PROJECT EXHIBITION/PROJECT COMPETITIONACADEMIC 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 Techniquesand treatment for Mumbai Region.



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m	Civil Engineering / Diploma	25 Divesh Mukne	3/15/2019 15:45:25 Divesh Mukne
m	Civil Engineering / Diploma	6 Amit Roy	3/15/2019 15:41:36 Amit Roy
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Sewage water treatment Project Topic Name of Model

ASSETTS DESIGNATIVE SOFT COURSE

Floating Structure

Underground interlinking of tubewell

Rail cum Road Bridge

INTELLIGENT TRAFFIC MANAGEMENT SYSTEM

Design Of Biogas Plant and generation of biogas using kitchen waste

Town planning

Precast concrete structure in residential building

Sewage waste water treatment plant

Implementation of foreign technique in solid waste management

Future transportation

PERMEABLE PAVEMENT

Micro-irrigation

Rapid sand filter

Underwater Windmill

Replacement of cement by ricehusk

METRORAILWAY

Design of drainage system of a town

Water Soaking Road

Planning and Designing of Nalasopara Bus Depot

Floating Structure

Reuse of plastic & construction waste for manufacturing of solid and paver block

Comparative [Analysis of Guyed Mast & Self-supporting Cellular Tower Treatment of water using natural materials

Circular runway

Performance evaluation of flood mitigation techniques and treatment for Mumbai region

E waste management reuse and recycle

Circular Runway Design

Cobiax slab system

AUTOMATIC DIVIDER Geotextiles Roads

> Viva institute of technology Name of College / Institute

Viva Institute of Technology

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Viva Istitute Of Technology Anjuman Islam's kalsekar technical campus, New panvel

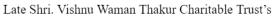
Anjuman I Islam's Kalsekar Technical Campus VIVA INSTITUTE OF TECHNOLOGY

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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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Department of Civil Engineering

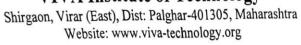
PROJECT EXHIBITION-2019

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	F	8	10	5	2	32
6	Permeable pavement	2.	5	5	9	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



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Department of Civil Engineering

PROJECT EXHIBITION-2019

	oup.	Name of Project	Idea (5pts)	Execution: Construction and Testing (10pts)	Design methodology (15pts)	Presentation (10pts)	Result (10pts)	Total (50pts)
	12	Water soaking road						26
	13	Rail cum Road Bridge						36
9	14	Permeable pavement						30
	15	Irrigation of Fields Using Fog Catcher Equipment	4	5	11	(0	5	35
	16	Rapid sand filter	5	5	5	5	5	25
	17	Design of drainage system of a town						36
•	18	Trickling filter	5	4	6	5	5	25
	19	PT slab	5	4	10	8	5	38
	20	Planning and Designing of Nalasopara Bus Depot	4	5	Ø	9	5	38
	21	Town planning	5					30
	22	Future transportation	5	5	9	8	5	35



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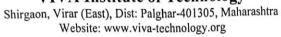
PROJECT EXHIBITION-2019

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	Group. No.	Name of Project	Idea (5pts)	Execution: Construction and Testing (10pts)	Design methodology (15pts)	Presentation (10pts)	Result (10pts)	Total (50pts)
	23	Geotextile Roads	,4	5	8	8	5	30
	24	Implementation of foreign technique in solid waste management	5	lΟ	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
1	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	87	8	Ŧ	3	30



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PROJECT EXHIBITION-2019

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Group.		Name of Project	Idea (5pts)	Execution: Construction and Testing (10pts)	Design methodology (15pts)	Presentation (10pts)	Result (10pts)	Total (50pts)
33	1	E waste management reuse and recycle	4	5	8	8	5	30
34		Treatment of Water using Natural Minerals Contact	5	5	10	6	5	35
35		Performance Evaluation of flood mitigation techniques & treatment for	5	5	15	10	5	40
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