

राष्ट्राय स्वाहा इदं न मम ।

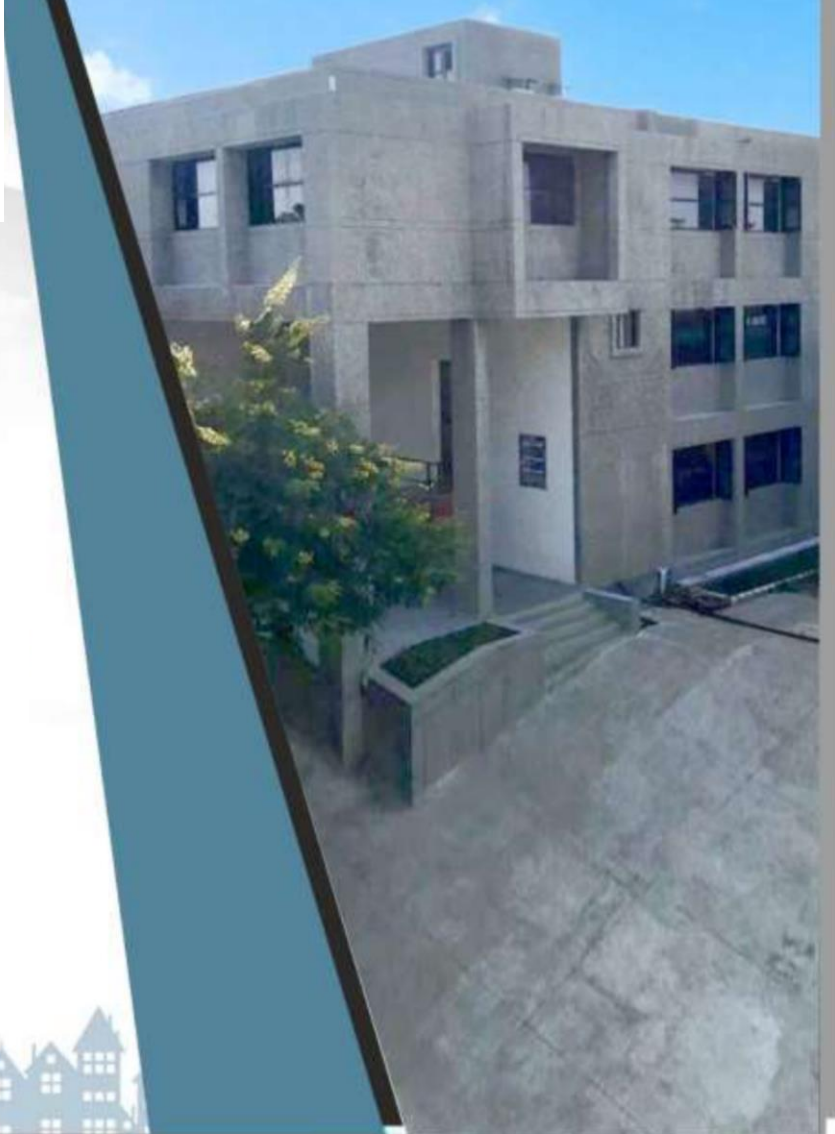


V.V.P. Engineering College

AICTE Approved & Affiliated to GTU

Department of Civil Engineering

NBA ACCREDITED DEPARTMENT



CIVILION

Jan. To June-2022

BULLETIN



Published by

Department of Civil
Engineering

Editorial Board

Faculty

- Prof. Vijay R. Dholariya

Student

- Sahinbanu Kazi (3rd sem.)
- Jaydeep Tank (3rd sem.)
- Mihir Parmar (3rd sem.)
- Dhairya Tank (3rd sem.)
- Priyam Aghera (3rd sem.)

Message from Chairman-Governing Body



Shri Lalitbhai Mehta

Systematic scientific knowledge need to be utilized for holistic development of mankind, while keeping in view the traditions, culture, values of life and philosophy of the nation. In the world of emerging technologies, Vyavasayi Vidya Pratishthan is a major leap in the direction of contributing as an excellent technological institution to this country.

Globalization, privatization and liberalization throw every day new challenges which can be solved by the highest degree of technical knowledge, skill, expertise and sharp intellect. We, at V.V.P Engineering College are committed to shape the aspirants into the world class professionals in the fields of engineering and architecture, who would not only be ready to take up the challenges of the material world but also commit to “Krinavanto Vishwam Aryam”.

Message From Principal



Dr. Tejas Patalia

Welcome to V.V.P. Engineering College, a world class center for excellence in technical education. We are a leading technological institute of India, a home to a wide range of academic departments, providing best education in the major areas of technology and services in the area of research and consultancy.

We are proud and distinct through our global technical perspective, cosmopolitan character and being deeply rooted in the high Indian traditional culture, heritage and values.

You would enjoy the challenges and opportunities we offer. We look forwards for welcoming the engineering aspirants to a place of genuine intellectual excellence for an unforgettable simulating experience in the world of existing and emerging technologies, Welcome back to Future....

About V.V.P. Engineering College

Vyavsayi Vidhya Pratishthan is established by Rajkot Nagrik Sahakari Bank Ltd to promote excellence in engineering education. The trust was founded in 1996 with an objective of meeting technical requirements of Gujarat. V.V.P Engineering college has been matching ahead with a vision of transforming aspiring engineers to industry ready engineers, serving the nation at large.

The disciplined academic environment strengthening technical foundation of the students, is the unique identity of V.V.P Innovation, creativity, team-spirit, entrepreneurship add to the scholastic achievements of the students and give them opportunities to enhance their personalities. The transparent governance and dedicated teaching by the qualified faculties make V.V.P. one of the most sought for engineering colleges of Gujarat.

With the best theoretical and practical teaching in the well-equipped classrooms and laboratories, V.V.P is also well known for its modern library, WI-FI campus, training & placements programs, expert lectures and strong alumni network.

Needless to say that V.V.P.E.C. keeps no stone upturned in directing students towards research activities like the practice of research paper writing, patent drafting, paper presentation and poster presentation. Students having interest in sports & Cultural Activities also find a convenient environment and guidance here, through various club activities.

V.V.P. Engineering College

Vision

- ❖ **To be an exemplary institute, transforming students into competent professionals with human values.**

Mission

- ❖ **To provide a conducive academic environment for strengthening technical capabilities of the students.**
- ❖ **To strengthen linkages with industries, alumni and professional bodies.**
- ❖ **To organize various co-curricular and extra-curricular activities for overall development of the students.**
- ❖ **To practice good governance and conduct value-based activities for making students responsible citizens.**

Message From Head of The Department



Dr. J.V. Mehta

Civil Engineering is one of the oldest engineering disciplines which is constantly striving to make the life of every citizen easier, raise the standard of living and making the world better with more civilized place to live.

The department of civil engineering strives for excellence in teaching-learning and professional development of the students. We are proud to have state-of-the-art laboratories and dedicated academic and technical staff to support our academic program. Our department and its experienced staff offers practice-based education, preparing our students for a successful and rewarding career.

The Department gives exposure of civil engineering practices and emerging technologies of the field by collaborating with industries and alumni. Moreover the department conducts Workshops, Guest Lectures and Industrial Visits to augment proficiency, technical and soft skills in the students.

Department of Civil Engineering

Vision

- ❖ To mould the students into profound civil engineers with human values to meet the challenges of the civil engineering field.

Mission

- ❖ To facilitate favorable educational environment that instill technical knowledge and skills in the students.
- ❖ To give exposure of civil engineering practices and emerging technologies of the field by collaborating with industries and alumni.
- ❖ To conduct various activities for versatile development of students and to make them socially responsible technocrats.

Programme Educational Objectives (PEOs)

Civil Engineering graduates will be able to

PEO 1: Apply technical knowledge and skills of civil engineering in planning, analysis, designing and construction of civil engineering structure to become a successful professional.

PEO 2: Advance their career by pursuing higher education or by becoming an entrepreneur.

PEO 3: Demonstrate leadership qualities, team spirit and lifelong learning attitude to serve the society at large with ethical practice.

PSO- Programme Specific Outcomes

Civil Engineering graduates will be able to

PSO 1: Apply knowledge of civil engineering aspects and perform planning, designing and execution in the areas of construction, construction materials, environmental, transportation and structural engineering.

PSO 2: Able to manage civil engineering projects using available resources for sustainable growth to serve the society with honesty and integrity.
























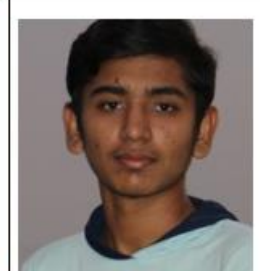





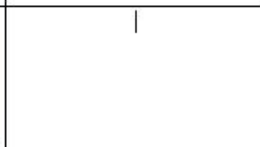
INDEX

























Sr. No.	Content	Page No.
1	Highlights of Placement 2022	1
2	Results	4
3	Industrial Visit	11
4	Webinar/seminars/expert lectures/Workshop/Skill development programs/mock interview	15
5	Students achievement	22
6	V.V.P.-Pledge	23

100%
PLACEMENT

HIGHLIGHTS OF PLACEMENT 2022

100%
Placement
Assistance

				
CHINTAN J. VORA	DHAIVAL K. SINGAL	MALHAR P. KAKKAD	ANKUSH G. BHADORIYA	MIHIR R. THANKI
SURAJ INFRACON PVT. LTD	ATLANTIS INFRASPACE LLP	NISHAN INDUSTRIES	SWAMI BUILDCON LTD	RAJ CONCEPT PVT LTD
				
3.6 LPA	2.4 LPA	2.4 LPA	2.05 LPA	1.8 LPA
				
CHIRAG A. MEHTA	RAJ J. JAVIYA	HARDIK K. PAREKH	KISHAN RADADIYA	DOLAI SAYKAT
DHIMAHI ENTERPRISE MILAN H. MANEK M. TECH (STRUCTURE)	DHIMAHI ENTERPRISE MILAN H. MANEK M. TECH (STRUCTURE)	NISHAN INDUSTRIES	DELTA CONSULTANT	DELTA CONSULTANT
				
1.5 LPA	1.5 LPA	1.0 LPA	1.5 LPA	1.5 LPA
				
ZENIL J. CHANDARANA	YASH LUNAGARIYA	DARSHIN PARMAR	JAYMIN R. AMIPARA	VIJAYRAJSINH CHUDASAMA
SHREE RAM PACKAGING INDUSTRIES	RAJ CONCEPT PVT LTD	RAJ CONCEPT PVT LTD	TATHASTU ARCHITECT	Shree <u>Rozi</u> Construction
				
1.8 LPA	1.2 LPA	1.2 LPA	1.2 LPA	1.8 LPA

				
PURVAJ K. RAVAL	BHARGAV J. KANANI	MANISH R. MAKAWANA	DARSHAN LADANI	PRINCE VADHAVANIYA
TATHASTU ARCHITECT	TATHASTU ARCHITECT	SAURASHTRA SHIKSHAN SEVA SAMAJ	MALANI CONSTRUCTION CO.	VERTEX CIVIL SOLUTIONS
		SAURASHTRA SHIKSHAN SEVA SAMAJ		
1.5 LPA	1.5 LPA	1.8 LPA	2.4 LPA	1.8 LPA
				
URVISH P. SHUKLA	YASH D. VYAS	RUTVIK D. GAMATHA	DEEP H. GINOYA	RAJU H. KARMUR
H.K.CONSTRUCTION	NAGARPALIKA BAGASARA	SANSAKAR GROUP OF COMPANIES	FOUNTAINHEAD PROJECT MANAGEMENT	TRISHUL CONSTRUCTION, RAJKOT
	BAGASARA NAGAR PALIKA			
2.4 LPA	1.0 LPA	1.8 LPA	1.2 LPA	1.8 LPA
				
YAGNIK V. KATABA	DEEP K. RAMOLIYA	MANTHAN V. RAJGOR	KULDEEP C. SANEPARA	VISHAL T. TANNA
SHANTI CONSTRUCTION, GANDHINAGAR	SURYA CORPORATION DAHOD	AAKRUTI CONSULTANT MANDAVI	ASHWINBHAI CONTRACTOR SURAT	DHIMAHI ENTERPRISE MILAN H. MANEK M. TECH (STRUCTURE)
				
2.4 LPA	2.4 LPA	1.8 LPA	1.8 LPA	1.8 LPA

RESULT OF GTU EXAM WINTER 2021

FIRST SEMESTER

DEPARTMENT TOP 05 STUDENTS IN 1st SEM

Rank	En.No.	Name	SPI
1	210470106001	JADEJA MAHAVIRSINH JAYDEVSIH	9.16
2	210470106006	RATHOD PRADIP RAMESHBHAI	8.63
2	210470106012	HUMBAL AASHISH ASHVINBHAI	8.63
3	210470106005	CHOVATIYA MAHEK DHANJIBHAI	8.26
4	210470106004	PORIYA ROHIT PRAVINBHAI	7.68
4	210470106013	DAVE ROHAN MANISHBHAI	7.68
5	210470106010	DAVE RUSHANG RAJENDRABHAI	6.84

Our Student
Jadeja Mahavirsinh
Secured 9th Rank in GTU.

**PROUD
MOMENT!**



THIRD SEMESTER

DEPARTMENT TOP 10 STUDENTS IN 3rd SEM

Rank	En.No.	Name	SPI
1	200470106016	MENDAPARA AVANI MUKESHBHAI	9.87
2	200470106012	AGHERA GITUBEN PRADIPBHAI	9.35
3	200470106010	TANK DHAIRY SANJAYBHAI	9.26
4	200470106009	PARMAR MIHIR NIPULBHAI	9.04
5	200470106006	JOGI JEWARTH BHAGWANJIBHAI	8.91
6	200470106005	KANZARIYA TEJAL MOHANBHAI	8.83
6	200470106015	DVIJESH PATEL	8.83
7	200470106002	HARSH	8.48
7	200470106003	SHISHANGIYA MONIL MAHESHBHAI	8.48
7	210470106502	AGHERA PRIYAM ATULBHAI	8.48
8	200470106032	KHIMSURIYA HINABEN PRAVINBHAI	8.43
9	200470106030	KAZI SAHINBANU LIYAKATALI	8.3
10	200470106011	KAPLETIYA HEMRAJSINH MADANSINH	8.26

Our Student
Mendapara Avani
Secured Rank in GTU TOP-10.



FIFTH SEMESTER

DEPARTMENT TOP 10 STUDENTS IN 5TH SEM

Rank	En.No.	Name	SPI
1	200470106521	CHAUHAN YATHARTH PANKAJBHAI	9.43
2	190470106053	VACHHARAJANI MANTRAM HEMANGBHAI	9.09
3	190470106002	BARBHAYA GAUTAMKUMAR DIMPESHBHAI	9
3	190470106031	PARMAR VENISABEN AMRUTLAL	9
4	200470106511	RATHOD DANSINGBHAI PREMJBHAI	8.95
5	200470106510	RATHOD DILIPBHAI BHANABHAI	8.86
6	190470106014	JADEJA SATYARAJ SINH VIRAMDEV SINH	8.7
6	190470106051	TALSANIYA PURVA HITESHBHAI	8.7
7	190470106042	SHILU FORAM PANKAJBHAI	8.61
8	190470106004	CHAUHAN KANJEEBHAI HAMIRBHAI	8.35
8	190470106049	SUMERA PARSHOTTAM GANPATBHAI	8.35
9	200470106502	SANGANI ABHIKUMAR KISHORBHAI	8.33
10	190470106003	BHESANIYA DARSHALI KAMLESHBHAI	8.3

SEVENTH SEMESTER

DEPARTMENT TOP 10 STUDENTS IN 7TH SEM

Rank	En.No.	Name	SPI
1	180470106009	GINOYA DEEPAKUMAR HASMUKHBHAI	9.71
2	180470106004	CHANDARANA ZENIL JAYESHBHAI	9.58
2	180470106032	PARMAR GRISHMA RAMESHBHAI	9.58
3	180470106013	JAVIYA RAJ JETHALAL	9.54
4	180470106015	JOSHI NISHANT ASHWINBHAI	9.38
4	180470106025	MEHTA CHIRAG AJAY	9.38
5	180470106014	JETANI SMIT SATISHBHAI	9.08
6	180470106021	KHORAJIYA MOHAMADRAHIN AMANH	8.92
7	180470106005	CHUDASAMA DARSH YOGESHBHAI	8.83
8	180470106065	MR. AHMAD SAMIM	8.75
9	180470106043	RAVAL PURVAJ KAUSHIKBHAI	8.71
10	180470106041	RANPARA AAKASH CHANDRAKANTBH	8.67

Our Material Testing Laboratory Is now **NABL** Accredited



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

MATERIAL TESTING CELL - V.V.P. ENGINEERING COLLEGE

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

VIRDA-VAJDI, RAJKOT, GUJARAT, INDIA

in the field of

TESTING

Certificate Number: TC-10068

Issue Date: 08/11/2021

Valid Until: 07/11/2023

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : Rajkot Nagarik Sahakari Bank Ltd. Prerit Vyavasai Vidya Pratisthan

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

Industrial Visit

Industrial visit organized for 4th semester students at Shree Swaminarayan Residency, Rajkot. Total 38 students have participated. Students get knowledge about Building Component, Basement construction work, Construction of building foundation and raft slab, Structural Detail of foundation and raft slab, Special treatment done for water pressure release under raft slab, And also show Advanced equipment for concreting i.e. boom pump and its working.



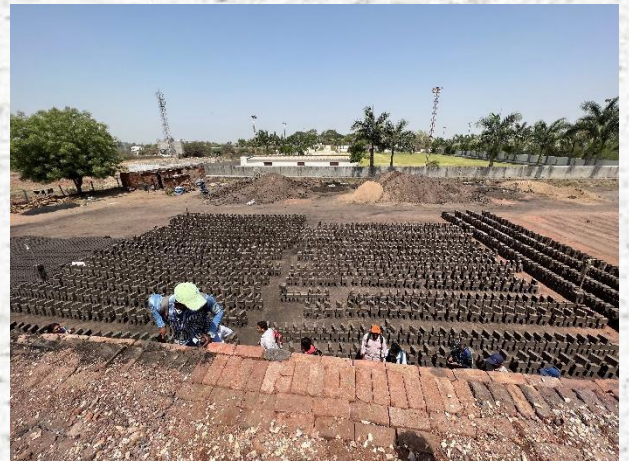
Industrial visit organized for 4th & 6th semester students at Bridge site, Hospital Chowk, Rajkot. Total 73 students have participated. Students get knowledge about Components of bridge, Construction of bridge foundation and bridge slab, Structural Detail of foundation and bridge slab, Post tensioning method in bridge girder.

Students also got Exposure to different test performed on concrete, casting of bridge girder and Ready mix concrete plant.



Industrial Visit

Industrial visit organized for 4th & 6th semester students at Brick Manufacturing Unit, Virda Vajdi, Rajkot. Total 69 nos of students have participated. Students get knowledge About Raw material used for the manufacturing of brick, mixing process of raw materials, molding process of brick and brick burning process in detail.



Industrial visit organized for 4th & 6th semester students at sardar Sarovar, statue of unity and Total 73 nos of students have participated. Students get knowledge about Components of bridge, Construction of bridge foundation and bridge slab, Structural Detail of foundation and bridge slab, Post tensioning method in bridge girder.

Students also got Exposure to different test performed on concrete, casting of bridge girder and Ready mix concrete plant.

Industrial Visit

Industrial visit organized for 4th & 6th semester students at Sardar Sarovar Dam, statue of unity and National High Speed Rail Corporation of India Limited (Mumbai Ahmedabad Bullet Train). Total 49 students have participated. Students get knowledge about Dam operation, Power Generation, Riverbed powerhouse, Canal bed powerhouse, History of dam, Site selection criteria of dam, Major hurdles during the construction of Dam, Different protection measures used in headwork, Water storage capacity of dam and canal network in Gujarat as well as in other state. Student also got detailed knowledge regarding construction of statue, design parameter etc. At NHRCL laboratory student got knowledge regarding various test perform before construction of pile and procedure of construction. High speed trains on Mumbai-Ahmedabad High Speed Rail Corridor will operate at a speed of 320 Km/hr covering a distance 508 Km and 12 Stations. There will be 35 trains per day/one direction



Industrial Visit

<p>(1) State: Gujarat</p> <p>(2) District: Narmada</p> <p>(3) Taluka: Narmada</p> <p>(4) River: Narmada</p> <p>(5) Longitude: 73° 45' E</p> <p>(6) Latitude: 21° 50' N</p>		<p>(10) Submergence details</p> <p>(a) No. of villages affected</p> <table border="1"> <tr> <th></th> <th>Full</th> <th>Partial</th> </tr> <tr> <td>Madhya Pradesh</td> <td>-</td> <td>195</td> </tr> <tr> <td>Gujarat</td> <td>3</td> <td>36</td> </tr> <tr> <td>Maharashtra</td> <td>3</td> <td>16</td> </tr> <tr> <td>Total</td> <td>6</td> <td>245</td> </tr> </table> <p>(As on Feb-2015)</p> <p>(b) No. of families affected</p> <table border="1"> <tr> <th></th> <th>Full</th> <th>Partial</th> </tr> <tr> <td>Madhya Pradesh</td> <td>-</td> <td>37758</td> </tr> <tr> <td>Gujarat</td> <td>163</td> <td>4300</td> </tr> <tr> <td>Maharashtra</td> <td>4785</td> <td>-</td> </tr> <tr> <td>Total</td> <td>4843</td> <td>42058</td> </tr> </table>			Full	Partial	Madhya Pradesh	-	195	Gujarat	3	36	Maharashtra	3	16	Total	6	245		Full	Partial	Madhya Pradesh	-	37758	Gujarat	163	4300	Maharashtra	4785	-	Total	4843	42058	<p>(1) Location: River Bed Canal Head Power House Power House 165 m in DIS At the Toe of Vadgam Saddle Dam</p> <p>(2) No. of units: 6 5</p> <p>(3) Rated capacity of each unit: 200 MW 50 MW</p> <p>(4) Installed capacity: 1200 MW 250 MW</p> <p>(5) Type of Turbine: Francis Kaplan (Convention surface)</p> <p>(6) Type of Power House: Under ground</p> <p>(7) Rated speed: 136.36 RPM 136.4 RPM</p> <p>(8) Stilling Basin: with sloping apron</p> <p>(9) Dia of runner: 5.7 m 4.7 m</p> <p>(10) Min. head race level: 110.64 m 110.16 m</p> <p>(11) Min Tail water level: 20.80 m 92.07 m</p> <p>(12) Power allocation: Allocation in percent</p> <table border="1"> <tr> <th></th> <th>Madhya Pradesh</th> <th>Maharashtra</th> <th>Gujarat</th> </tr> <tr> <td></td> <td>57</td> <td>27</td> <td>16</td> </tr> </table> <p>(13) 1007 million kwh in surplus year & 856 million kwh in deficit year valuing to Rs 4000 to 5000 million.</p>			Madhya Pradesh	Maharashtra	Gujarat		57	27	16
	Full	Partial																																									
Madhya Pradesh	-	195																																									
Gujarat	3	36																																									
Maharashtra	3	16																																									
Total	6	245																																									
	Full	Partial																																									
Madhya Pradesh	-	37758																																									
Gujarat	163	4300																																									
Maharashtra	4785	-																																									
Total	4843	42058																																									
	Madhya Pradesh	Maharashtra	Gujarat																																								
	57	27	16																																								
<p>(1) Water shade area of the river above Dam site (33970 Sq mha)</p> <p>(2) Mean annual rainfall at the dam site at different percent 50 percentage: 4.10 M ham (33.20 Maft)</p> <p>75 percentage: 3.36 M ham (27.22 Maft)</p> <p>90 percentage: 2.44 M ham (19.77 Maft)</p> <p>(4) Allocation of Water (76 % dependability)</p> <table border="1"> <tr> <th>M.P.</th> <th>Gujarat</th> <th>Rajasthan</th> <th>Maharashtra</th> <th>Total</th> </tr> <tr> <td>18.25 MAF</td> <td>9.00 MAF</td> <td>0.50 MAF</td> <td>0.25 MAF</td> <td>28.00 MAF</td> </tr> </table> <p>(5) River: From Amarkantak to end = 1312 km From Amarkantak to Dam site = 1163 km Minimum flow = 300 cusecs (8.5 cumecs) Average bed level of River at Dam site: RL 18.0 m (59 ft.)</p> <p>(6) NHWD recommended basin planning: 30 major dams 135 medium dams 3000 minor dams</p>		M.P.	Gujarat	Rajasthan	Maharashtra	Total	18.25 MAF	9.00 MAF	0.50 MAF	0.25 MAF	28.00 MAF	<p>(1) Type: Concrete Gravity</p> <p>(2) Length of Main Dam: 1210.02 m (3970 ft.)</p> <p>(3) Top R. L. of Dam: 146.50 m (480.6 ft.)</p> <p>(4) Maximum height above the deepest foundation level: 163.00 m (535.0 ft.)</p> <p>(5) Spillway: Ogee</p> <p>(6) Type: Stilling Basin with sloping apron</p> <p>(7) Crest level of spillway: R.L. 121.32 m</p> <p>(8) Gate: Radial</p> <p>(9) Type: 7 No.</p> <p>(10) Number & size (Total 30 No): 18.30m x 18.30m (60 ft. x 60 ft.) 23 No. 18.30 m x 16.76m (60 ft. X 55 ft.) 18.30 m x 16.76m (60 ft. X 55 ft.)</p> <p>(11) Clear waterway at crest: 420.9 m (1381 ft)</p> <p>(12) Spillway capacity: 84949.25 cumec 30 lakh cusecs</p> <p>(13) Construction sluice: 10 No. (Block No 35 & 36) 2, 10 m X 2.74 m (7 ft. x 9 ft.)</p> <p>(14) Length: 119.24 m (392 ft.)</p> <p>(15) Discharge: 268.50 cumec</p> <p>(16) Capacity: (9485 cusec)</p> <p>(17) River Sluices Number & location: 4 No. (Block No 44,46,48 & 50)</p> <p>(18) Size: 2.50 m X 4.00 m</p> <p>(19) Sill level: 53.00 m</p> <p>(20) Discharge: 244 cumec</p>																															
M.P.	Gujarat	Rajasthan	Maharashtra	Total																																							
18.25 MAF	9.00 MAF	0.50 MAF	0.25 MAF	28.00 MAF																																							
<p>(1) Full reservoir level: 138.68 m (455 ft.)</p> <p>(2) Maximum water level: 140.21 m (460 ft.)</p> <p>(3) Minimum draw down level: 110.64 m (363 ft.)</p> <p>(4) Normal tail water level: 25.31 m (85 ft.)</p> <p>(5) Gross storage capacity: 0.95 M ham (7.70 Maft)</p> <p>(6) Dead storage capacity: 0.37 M ham (2.97 Maft)</p> <p>(7) Live storage capacity: 0.58 M ham (4.73 Maft)</p> <p>(8) Annual Evaporation: 0.06 m ham (0.5 Maft)</p> <p>(9) Submergence at FRL: 34887 ha. 138.68 m (455 ft.) (86088 acre)</p> <p>(10) Length of reservoir: 214.00 km</p> <p>(11) Maximum width: 16.10 km</p> <p>(12) Average width: 1.77 km</p>		<p>(1) F.S.L. at H. R.: 91.45 m (300 Ft.)</p> <p>(2) Main Canal: (a) Length: 457 Km. (274.20 mile) (b) Base width: 76 m (248 ft.) in head reach (c) F.S.D. in head reach: 7.6 m (25 ft.) (d) Discharge capacity in head reach at Gujarat Rajasthan: 1132.86 cumec (40,000 cusecs) 2500 cusecs boarder (457 km)</p> <p>(3) Type of Canal: Lined Contour canal</p> <p>(4) Crest level of H.R.: 84.74 m</p> <p>(5) Bed level of Canal: 83.84 m</p>																																									
<p>(3) Gross command area (G.C.A.): 34,286 lakh ha. (84.72 lakh acre)</p> <p>(4) Culturable command area (CCA): 21,19 lakh ha (52.36 lakh acre)</p> <p>(5) Annual Irrigation: 17.92 lakh ha. 44.25 lakh acre</p> <p>(6) Canal network: 3391 villages of 82 Talukas of 14 Districts. 85,898 km</p>		<p>(1) Price Level: 1986-87: 2008-09: 610.47: 3480.4</p> <p>(2) I Cost of Unit-I Dam & Appurtenant works P & F cost: 316.71: 4894.45</p> <p>(3) Cost of Indira Sagar Proj. debtable to Sardar Sarow. (17.63 %): 83.27: 545.68</p> <p>(4) Total of Unit-I: 1019.45: 8930.53</p> <p>(5) II Cost of Unit-II Main Canal IBPT Dykes: 1588.54: 5798.28</p> <p>(6) Total of Unit-II: 165.67: 83.24</p> <p>(7) III Cost of Unit-III Hydro Civil Works Electric Installation: 236.42: 930.54</p> <p>(8) Total of Unit-III: 743.53: 1980.35</p> <p>(9) IV Group-IV Branch Canal & Distribution system: 979.95: 2910.89</p> <p>(10) Total Project Cost in Rs. Crore: 6406.04: 39240.45</p>																																									
<p>(1) Distribution of expenditure %:</p> <table border="1"> <tr> <th>State</th> <th>Unit-I</th> <th>Unit-II</th> <th>Unit-III</th> </tr> <tr> <td>Gujarat</td> <td>50.568</td> <td>88.688</td> <td>16</td> </tr> <tr> <td>Madhya Pradesh</td> <td>31.977</td> <td>-</td> <td>57</td> </tr> <tr> <td>Maharashtra</td> <td>15.147</td> <td>-</td> <td>27</td> </tr> <tr> <td>Rajasthan</td> <td>2.31</td> <td>10.312</td> <td>-</td> </tr> </table>		State	Unit-I	Unit-II	Unit-III	Gujarat	50.568	88.688	16	Madhya Pradesh	31.977	-	57	Maharashtra	15.147	-	27	Rajasthan	2.31	10.312	-	<p>(1) Seismic Zone: III</p> <p>(2) Hor. Seismic coefficient: 0.125g</p> <p>(3) Richter magnitude: 6.5</p> <p>(4) Epicentre Distance: 12 kms.</p> <p>(5) Focal Depth: 10 kms.</p>																					
State	Unit-I	Unit-II	Unit-III																																								
Gujarat	50.568	88.688	16																																								
Madhya Pradesh	31.977	-	57																																								
Maharashtra	15.147	-	27																																								
Rajasthan	2.31	10.312	-																																								



Expert Lecture On How to Prepare for Gate & Other Competitive Exams By Mr. Govind Solanki (Center Head of ICE-GATE)

Date : 20-01-2022

Semester:4th & 6th

Mr. Govind Solanki gives various strategy to qualify the exam with good score. He told importance of various mock exams and online test series. He also brief about other competitive exam organized by GPSC, GWSSB, PGVCL, GSSSB, Various Municipal corporations & urban development Authorities. By this Lecture, Students got an idea about how to prepare for various exams, exam pattern, cutoff for admission in IITs & NITs. Cutoff for various PSUs.



Expert Lecture On
Climate Change awareness campaign By Ms. Sneha
Agarwal, Mr. Arpit Ganatra & Mr. Nilesh Prajapati
(Alumni of V.V.P., Assistant Town planner at RUDA)

Date: 22-02-2022

Semester: 1st, 6th & 8th.

Ms. Sneha Agarwal, Mr. Arpit Ganatra & Mr. Nilesh Prajapati covered Causes of Climate Change, Impacts of Climate Change as per IPCC, Major Disasters, City Climate Actions & Smart Cities Mission. They also told What do we need to do to limit global warming. At last they have briefed about TULIP-The Urban Learning Internship Program.



Research Paper Writing Competition

Students of 4th and 6th semester students participated in research paper writing competition.



Tech Fest

(Design Engineering Competition)

Students of 4th and 6th semester students participated in Techfest based on design engineering..



Tech Fest

(Design Engineering Competition)



Mock Interview



As a part of Pre –Placement Activity Mock Interview was organized and all pre final year students had given the interview and learned a lot of things for the interview like confidence, fluency in English speaking, recent trends and applications.



Date of interview: 31-03-2022

Venue: Training and Placement cell, 2nd floor, above Admin office



**Name
of
Expert**

- 1)Mr. Hardik Shah Builder (Gulmohar construction, Rajkot)
- 2)Mr. Dipak Madlani Director, Delta group of companies, Rajkot)
- 3)Assistant Prof.Jignesh Shah



Skill Development Activity



AS A PART OF PRE – PLACEMENT ACTIVITY SKILL DEVELOPMENT WAS ORGANIZED, AND ALL STUDENTS PARTICIPATED ENTHUSIASTICALLY IN THE SAME.



SKILL DEVELOPMENT ACTIVITY WAS BASED ON ENVIRONMENT AUDIT AS VVP ENVIRONMENT AUDIT LABORATORY IS SCHEDULE-1 AUDITOR.



IN SKILL DEVELOPMENT PROGRAM AMBIENT AIR ANALYSIS, WATER AND WASTE WATER ANALYSIS WAS DEMONSTRATED. BY THESE DEMONSTRATION STUDENTS ARE ABLE TO DO AMBIENT AIR ANALYSIS, WATER AND WASTE WATER ANALYSIS.



Students Achievement

Our 6th sem student Purva Talsaniya got a gold medal in inter district karate championship held at Rajkot.



Students Achievement

Our student kadri nazminbanu got GHIA-GIECA gold medal and Giriraj const-GIECA gold medal By the Gujarat institute of civil engineers & Architects.



પ્રતિજ્ઞા

અમે,
વી.વી.પી.

એન્જીનીયરીંગ કોલેજના

વિદ્યાર્થીઓ, સંકલ્પ કરીએ છીએ કે,

અમે શ્રદ્ધા, સંયમ, શિસ્ત,

એકાગ્રતા અને પુરુષાર્થથી, જ્ઞાન પ્રાપ્ત કરી,

રચનાત્મક અને હકારાત્મક અભિગમ કેળવી,

સામર્થ્યવાન ઇજનેર બની,

વિશ્વના મંગલ વિકાસ માટે,

ભારતમાતાને, પ્રથમકક્ષાની,

મહાસત્તા બનાવવા,

અવિરત

પુરુષાર્થ

કરતા રહીશું.

ભારત
માતા કી
જય

राष्ट्राय स्वाहा इयं न मम ।



V.V.P. ENGINEERING COLLEGE

Virda-Vajdi, Opp. Motel the village, Kalawad Road,
Rajkot-360 005 Gujarat (INDIA)

91732 15401, 91577 17501, 91577 16781

Email: vvpedulink@gmail.com

Website: www.vvpedulink.ac.in