

VISHWAKARMA YOJNA: PHASE-IX

A REPORT ON TECHNICAL SEMINAR

"TOWARDS RURAL ENHANCEMENT"



Date: 23rd May, 2022

Time: 11 AM to 5.15 PM

Venue: B0-Conference Hall, GTU, Chandkheda



Gujarat Technological University,
Ahmedabad, Gujarat



Concept by:

**Prof (Dr.) Navin Sheth, Honorable Vice Chancellor,
GTU**

“Developing a village with urban amenities while retaining and nurturing its soul”

“Gujarat Technological University” is a premier academic and research institution which has been driven new ways of thinking since its 2007 founding, established by the Government of Gujarat. Today, GTU is an intellectual destination that draws inspired scholars to its campus, keeping GTU at the nexus of ideas that challenge and change the world. GTU is a State University with 486 affiliated colleges in its fold operating across the state of Gujarat through its FIVE zones at Ahmedabad, Gandhinagar, Vallabh Vidyanagar, Rajkot and Surat. The University caters to the fields of Engineering, Architecture, Management, Pharmacy and Computer Science.

ABOUT VISHWAKARMA YOJANA PROJECT

“Gujarat Technological University” is allotted an important and prestigious project of Vishwakarma Yojana by the Government of Gujarat through Commissionerate of Technical Education from year 2012-13. The aim of the project is to provide urban amenities in rural areas but maintain the rural soul intact. The project provides a “Design to Delivery” solution for the development of villages in ‘Rurban’ areas.

The main objectives of the project is,

1. To study the present status and to conduct a techno-economic survey of all selected villages of the state. It ascertains the existing basic and public amenities, essential commodities & other infrastructural facilities.
2. A report is prepared on the adequacy of the available resources considering the population of the village and the future need of the village with the consultation of Local revenue authorities, TDO, and DDO.
3. A project development plan which is ready to execute a document is prepared to define the targets. All this makes it a successful “Planned” Rurbanization. “Vishwakarma Yojana” provides the benefit of real-world experience to engineering students.
4. It applies student’s technical knowledge in the development of infrastructure for



rural development.

- Under this scheme, the villages of “**Rurban**” area will be adopted by various engineering colleges under Gujarat Technological University. They would study the identified villages and make recommendations to achieve integrated and comprehensive development through technology application and project preparation & management.

GTU is expanding its reach for village development from year to year and this relationship of GTU with the villages has proved to be an enriching experience for the GTU community.

ABOUT TECHNICAL SEMINAR

“Gujarat Technological University” has taken initiative to develop the students’ skills and hence as a part of the same, the Vishwakarma Yojana (VY) project has been introduced.

Vishwakarma Yojana project from Phase-I, II, III, IV, V, VI, VII, VIII had been successfully completed with the support of all the Colleges/Institutes Principals, Nodal Officers and students. Now this project is running in the ninth phase.

To give the technical insight knowledge to the students & nodal officers, GTU has planned to organize technical seminar for the participating institutes. The main objective behind this program was to provide and having salient features of the Technical Seminar:

- GTU-VY students will learn technical domain knowledge.
- Students are guided by senior academicians and industry experts.
- Students can utilize their knowledge in the project report.

ARRIVAL OF THE DIGNITARIES FOR INAUGURAL FUNCTION

Ms. Darshana Chauhan had welcomed all the Dignitaries, Prof.(Dr.) Navin Sheth, Honorable Vice Chancellor, GTU, CA.Chitralli Parmar, In-charge Registrar, GTU, Prof.(Dr.) Jayesh Deshkar, VY-Honorary Director, V.V.P Engineering College, Prof.(Dr.) G.P.Vadodariya-Dean, GTU, Principal, Government Engineering College, Bhavnagar, Expert Faculty



Shri.Dharmendra Parekh, Consultant, Swachh Bharat Mission, District Rural Development agency, Tapi District, Prof. Ashutosh Giri, Assistant Professor, Electrical Engineering, GEC, Bharuch, Er.Girish Singhai, Board of studies-Civil Engg. GTU, Secretary General-IBC Gujarat Chapter,

who has supported us to make this for overall like all the administrative and professional associations arrangement to make today's program as a remarkably successful event. **Mr.Purushottam P. Doijode**, Joint Director, Military Engineer Services, **Prof. Rena Shukla**, Associate Professor, L.D.Engineering College, VY-Core Committee Member, **Prof Dipankar Deb**, Professor, Electrical and computer science engineering, IITRAM, **Mr.Pulkit Jindal**, Deputy Manager, Adani Transmission Limited, **Prof.Mridul Seth**-Assistant Professor, GTU for today's technical seminar. She also welcomed students of the vishwakarma yojana and Nodal officers from various GTU affiliated colleges on this occasion on behalf of "Gujarat Technological University".

To receive the workshop for the goddess "Saraswati" all the dignitaries has prayed "saraswasti vandana" and then followed by the GTU song.



Prof.(Dr.) Navin Sheth, Honorable Vice Chancellor, GTU felicitated, **Prof.(Dr.) G.P.Vadodariya**-Dean, GTU, Principal, Government Engineering College, Bhavnagar and **Er.Girish Singhai**, Board Of Studies, GTU, Secretary General-IBC Gujarat Chapter with memento.



Honorable sir has felicitated the keynote key person of professional institute, **Er. Anand V Dave**-Former Chairman Association of Consulting Civil engineers India Ahmedabad Center, **Dr. Atul Suryakant Pandya**, Chief Executive Officer, IIMT Studies, **Mr. Arjun Amin**-CMD - Urbanaac Infrastructures Pvt Ltd, **Er. Shubham G Shah** - Indian Building Congress, **Dr. Anal Sheth**-Chairperson - IAStructE Gujarat Chapter, with memento.



CA.Chitrali Parmar, In-charge Registrar, GTU, felicitated, **Prof. Ashutosh Giri**, Assistant Professor, Electrical Engineering, GEC, Bharuch, with memento.



Prof.(Dr.) G.P.Vadodariya Dean-GTU and Principal, Government Engineering College, Bhavnagar felicitated **Mr.Purushottam P. Doijode**, Joint Director, Military Engineer Services with memento.



Prof.(Dr.) Jayesh Deshkar–Honorary Director Vishwakarma Yojana, Principal, V.V.P. Engineering College, Rajkot given introduction about the vishwakarma yojana project, as in the Phase-VIII total 568 students participated and completed the project successfully. Now Phase-IX also students are completing their project work successfully.



Welcome address given by **CA.Chitrali Parmar**, In-charge Registrar, GTU. As we all gathered with a common objective of development of villages in smarter ways. As you all know GTU Vishwakarma Yojana section consecutively organizes various technical seminars to project emerging ideas which may create impact in the upliftment of the villages. Madam

also told that it is a matter of pride of what we have been able to achieve together with the support of session experts, nodal officers as the mentors of the students and ultimately the end task performer, the students. With this note she wished every end task performer all the very best and said to all that try to gather as much as possible the benefit from the event.

Prof.(Dr.) Navin Sheth, Hon'ble Vice-Chancellor, GTU, addressed to the august gathering by stating that people in rural areas Vishwakarma Yojana helps in bringing the transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India.



- To encourage and motivate the students and nodal officers, GTU Vishwakarma



Yojana is awarding in two categories:

1. Best village development report
2. Best village documentary film

Lastly he conveyed best wishes for future endeavors.

Chief Guest **Brigadier, Dr. G Muthukumar SM PhD**, Indian Air Force, Military Engineer Service, has conveyed best wishes and enlightened the emerging areas to execute for rural enhancement through recorded speech.



Prof.(Dr.)G.P.Vadodariya

Dean-GTU & Principal, Government Engineering College, Bhavnagar, proposed vote of thanks to All who has directly and indirectly supported to make successful this technical seminar. He also motivated students for taking participation in such type of the seminar.

Shri.Dharmendra Parekh, Consultant, Swachh Bharat Mision, District Rural Development agency, Tapi District, has delivered the technical sessions, on the topic of the “About Gujarat Village Scenario”, Sir has delivered about Vishwakarma Yojana, Rurban Yojana, Linkages between both Yojana, How can students benefit from the Vishwakarma Yojana?, How to identify GAP and how proposals can be initiated and finalized in the form of Detailed Project Report submitted to DDOs, to incorporate suggested GAP to Rurban Yojana, Concept to Commissioned, How students can become mentors for their villages and transform their villages into tangible facilities of urban areas, Encouragement and establishing self-confidence towards their engineering skill for utilization of society, Emphasis on development not only for jobs but at the same time how can they create jobs in rural areas?, Case studies of Vishwkarma and Rurban Yojana implemented at various places of Gujarat.



Prof. Ashutosh Giri, Assistant Professor, Electrical Engineering, GEC, Bharuch, has explained on topic “Role of Electricity for upliftment of the villages”, Electric lighting makes the use of candles, kerosene and other polluting fuels for lighting redundant, not only saving money (and providing more light) but also seriously improving health.

Electricity can increase productive hours in a household leading to positive outcomes on education and economic wellbeing. It can also spur innovation and lead to entrepreneurial micro businesses ventures, and in time lead to greater agricultural yields. Benefits also flow to the likes of schools, banking and medical services. “Deen Dayal Upadhyaya Gram Jyoti Yojana” scheme is a prime example of coordinated government action for village’s upliftment. This scheme focused on strengthening distribution networks and increasing village and household connections by co-funding network upgrades and extensions. Over 99% of people who have gained access in India since 2000 have done so as a result of grid extension – the focus of government measures. The government has more recently been targeting mini-grid and stand-alone solar home systems to deliver access to some of the hardest-to-reach homes.

Social and Economic benefits:

Education: Access to electricity facilitates sustainable economic and social growth.

Productivity and efficiency: In addition to improved education, rural electrification also allows for greater efficiency and productivity, Job creation, Healthcare improvements, Additional benefits.

Small Hydro Power Generation systems, Biomass gasification based electricity generation systems, Solar photovoltaic power plants, etc, in distributed power generation mode may be used depending upon the availability of resources for generation of required electricity. Most recently, reporting on household connectivity has been targeted through the SAUBHAGYA scheme (more formally, the Pradhan Mantri Sahaj Bijli Har Ghar Yojana) launched in late September 2017, with the aim of achieving universal household electrification by December 2018. Some probable Renewable Energy based Microgrid at Village level is suggested for more active participation in generation. These are outlined below.

- Rooftop solar/wind power generation for hilly areas.
- Solar water pumping.
- Biomass.
- Tidal/ocean waves for villages near onshore.

Er.Girish Singhai, Board Of Studies-Civil Engg. GTU, Secretary General-IBC Gujarat Chapter, delivered the sessions on “Recent Trends in Construction Methodology”, Sir has delivered details about, to understand the recent trends one must be aware of some conventionally used techniques in brief. To make the presentation effective a practical example of a movie named “RRR” is given with full form Retrofitting Restoration and Rehabilitation for Civil Engineers.



In Civil Engineering,

- The most recent trend presented with explanations on Virtual Reality / Augmented Reality / Mix Reality used for 3d Modelling of Buildings and Structures. This technique helps in a better and innovative way of BIM visualization that helps in “See through Walls” tool for maintenance and service Engineers.
- One of the most/latest techniques is to use the Robots in the Construction sector which is least adoptive but from the studies it can be concluded that this will work faster than the Labors and also reduce the human-induced Error and Losses Due to Fatigue.
- For Offsite Construction / Modular / Pre-fabricated / Pre Cast Construction URBANAAC has given the best and faster solution which can save the construction time as well as manpower.

The above mentioned recent methods/Techniques if adopted in the Construction sector definitely India is going to add more feather in construction Industry like Statue of Unity, Statue of Equality, Atal Tunnel and many more.

Mr.Purushottam P. Doijode, Joint Director, Military Engineer Services, delivered the sessions on “Analyzing of the Case studies in respect of rural development in India”, Presentation has been done for three case studies of rural development of villages. The case studies was for smart village development as well rural development policy.



1. Anandwan, Maharashtra

In the Case Studies of “Anandwan” showed formation of Grampanchayat after developments of Leprosy treatment village and further developments.

2. Punsari, Gujarat

In this case studies, it has been shown, how Surpanch contribution made Punsari a Development Model.

3. Mawylnnong, Shillong

In this case studies, it has been showed cleanest village with lots of nature, attitude of village citizens in making of clean smart village.

The overall presentation hence concluded with varied learning modalities with right to Indians rural development. How any Leader/Person/Women Leader would be responsible in making of smart livable and wonderful natural opportunities for better living with livelihood opportunities for village population. The overall Presentation hence proved to be an interesting experience for Learning to the students.

Prof.Jagruti Shah, Assistant Professor, BVM Engineering College, has moderated the Civil Sessions, **Prof. Rena Shukla**, Associate Professor, L. D. Engineering College, VY-



Core Committee Member, has given the Concluding Remarks of the civil technical sessions.

Prof.(Dr.) Dipankar Deb, Professor, Electrical and computer science engineering, IITRAM, Ahmedabad, has delivered the sessions on topic “Soil health-power generation from agricultural residue.



Mr.Pulkit Jindal, Deputy Manager, Adani Transmission Limited, has delivered the sessions on “Online monitoring of Transmission Line to enhance availability and proactive preventive maintenance”

Overall the participation among various fraternities like Civil, Electrical, Mechanical, Chemical, IT, Automobile students has given overwhelming enthusiasm for the sessions. Civil and Electrical technical domain sessions have been concluded with knowledgeable sessions for the students.

Ms.Darshana Chauhan, GTU has proposed the vote of thanks, and special thanks to **Prof.(Dr.) Navin Sheth**, Honorable Vice Chancellor Sir, Dr.K.N.Kher, Registrar, GTU, CA.Chitrali Parmar, Prof.Dr.Jayesh Deshkar, VY-Honorary Director, VY-Core Committee member, all the dignitaries, students & Nodal officers from the various GTU affiliated colleges for participation in the technical seminar.



CERTIFICATE - PARTICIPATION STUDENTS AND NODAL OFFICER / APRECIATION TO THE EXPERT FACULTY



COLLEGES PARTICIPATED IN TECHNICAL SEMINAR VISHWAKARMA YOJANA PHASE-IX

Sr.	Full Name (to be mention on certificate)	If GTU then - Affiliated Institute / Organization Name	Fraternity (Branch)
1	DESAI PUJAN HASITBHAI	GOVERNMENT ENGINEERING COLLEGE GANDHINAGAR	BIOMEDICAL
2	RAMCHANDANI HIMANSHU	GOVERNMENT ENGINEERING COLLEGE GANDHINAGAR	BIO-MEDICAL
3	DHYEY SHRIKANT PAREKH	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	CHEMICAL
4	GOHIL CHETAN DINESH	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	CHEMICAL
5	RATHWA SATISHKUMAR	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	CHEMICAL
6	TIRTH THAKAR	GMB POLYTECHNIC, RAJULA	CIVIL
7	AJAY JETHVA	DR. SUBHASH TECHNICAL CAMPUS	CIVIL
8	BARAIYA VISHAL RANCHHODBHAI	DR. SUBHASH TECHNICAL CAMPUS	CIVIL
9	BARMEDA KARAN TULSIDAS	L.D. COLLEGE OF ENGINEERING	CIVIL
10	BHUVA GIRISH	SARDAR PATEL COLLEGE OF ENGINEERING	CIVIL
11	CHAUDHARI JAHANVI SUDHIRBHAI	SHRI SITARAMBHAI NARANJI PATEL INSTITUTE OF TECHNOLOGY	CIVIL
12	CHAUHAN NISHANT KAMLESHBHAI	GANDHINAGAR INSTITUTE OF TECHNOLOGY	CIVIL
13	CHHANGA VIVEK JASHABHAI	GOVERNMENT ENGINEERING COLLEGE BHUJ	CIVIL
14	DASA BHAGIRATH DEVABHAI	DR. SUBHASH TECHNICAL CAMPUS	CIVIL
15	DHOLARIYA JIGNESH RAMESHBHAI	DR. SUBHASH EDUCATION CAMPUS JUNAGADH	CIVIL
16	DHRUTI PANKAJBHAI DHANANI	BABARIA INSTITUTE OF TECHNOLOGY AND SCIENCE, VADODARA.	CIVIL
17	DIVYANSHU ISHWARBHAI MAKWANA	GOVERNMENT POLYTECHNIC GODHARA	CIVIL
18	GADHIYA NAIMISH RAMESHBHAI	SARDAR PATEL COLLEGE OF ENGINEERING, BAKROL	CIVIL
19	GANDHI JAY SHIRISHBHAI	DR. S. & S. S. GHANDHY COLLEGE OF ENGINEERING AND TECHNOLOGY	CIVIL
20	HARISH CHOUDHARY	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	CIVIL
21	HARSH CHANDRESHBHAI BABARIYA	BABARIA INSTITUTE OF TECHNOLOGY AND SCIENCE VADODARA	CIVIL
22	JARTARKAR SUMIT RAVIKANT	GANDHINAGAR INSTITUTE OF TECHNOLOGY	CIVIL
23	JAY BHOI	L.D. COLLEGE OF ENGINEERING	CIVIL
24	JAY KRISHNABHAI PANCHAL	SHANKERSINH VAGHELA BAPU INSTITUTE OF TECHNOLOGY	CIVIL

25	JAY SANMUKHBHAI CHAUDHARI	SHRI SITARAMBHAI NARANJI PATEL INSTITUTE OF TECHNOLOGY	CIVIL
26	JIMMY MODI	SHANKERSINH VAGHELA BAPU INSTITUTE OF TECHNOLOGY	CIVIL
27	KANANI MANTHANKUMAR MAHESHKUMAR	DR. S. & S. S. GHANDHY COLLEGE OF ENGINEERING AND TECHNOLOGY	CIVIL
28	KHANT JIGNESHKUMAR BHARATBHAI	GOVERNMENT POLYTECHNIC GODHARA	CIVIL
29	KHUNT PARTH P	SHRI LABHUBHAI TRIVEDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	CIVIL
30	LAKHANA NIRALEE HANSRAJBHAI	DR. SUBHASH TECHNICAL CAMPUS	CIVIL
31	LAXMAN SUTHAR	KHYATI SCHOOL OF ECONOMICS	CIVIL
32	MIHIR S MISTRY	C. K. PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY	CIVIL
33	PARMAR MOHIT RAMESH BHAI	DR. SUBHASH TECHNICAL CAMPUS	CIVIL
34	PATEL JINAL SHASHIKANT	C.K.PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY	CIVIL
35	PATEL KRUNAL DAHYABHAI	KHYATI SCHOOL OF ENGINEERING	CIVIL
36	PATELIYA JIGNESHKUMAR MADHUBHAI	GOVERNMENT POLYTECHNIC GODHARA	CIVIL
37	PRATEEK MISHRA	GANDHINAGAR INSTITUTE OF TECHNOLOGY	CIVIL
38	RAJPUT RAVI S	GOVERNMENT ENGINEERING COLLEGE, MODASA	CIVIL
39	RAJYAGURU KHUSH MAYURBHAI	SHREE LABHUBHAI TRIVEDI INSTITUTE OF ENGINEERING & TECHNOLOGY	CIVIL
40	RONAK PARMAR	SHANKERSINH VAGHELA BAPU INSTITUTE OF TECHNOLOGY	CIVIL
41	SAHANI SHUBHAM VIJAYKUMAR	GANDHINAGAR INSTITUTE OF TECHNOLOGY	CIVIL
42	SHAIKH M. AAKIB MO. PARVEZBHAI	SARDAR PATEL COLLEGE OF ENGINEERING	CIVIL
43	SHIVAM AKSHAY THAKKAR	GOVERNMENT ENGINEERING COLLEGE BHUJ	CIVIL
44	SHREY SURESHBHAI PATEL	SHANKERSINH VAGHELA BAPU INSTITUTE OF TECHNOLOGY	CIVIL
45	SONAGRA DIVYESH RATILALBHAI	GANDHINAGAR INSTITUTE OF TECHNOLOGY	CIVIL
46	VAGHELA MEETTRAJSINH	SHANKERSINH VAGHELA BAPU INSTITUTE OF TECHNOLOGY	CIVIL
47	VARMA JIGNESH CHHOTELAL	GANDHINAGAR INSTITUTE OF TECHNOLOGY	CIVIL
48	VIVEK AJAYBHAI LODHIA	DR. SUBHASH TECHNICAL CAMPUS	CIVIL
49	VYAS SHANTI BALDEVBHAI	L.D. COLLEGE OF ENGINEERING	CIVIL
50	ANSH RAJU GUPTA	GUJARAT POWER ENGINEERING AND RESEARCH INSTITUTE	COMPUTER
51	HET PATHAK	GANDHINAGAR INSTITUTE OF TECHNOLOGY	COMPUTER
52	BAGUL KAJAL DHARMENDRA	HASMUKH ENGINEERING COLLEGE - MONARK UNIVERSITY AHMEDABAD	ELECTRICAL
53	BHAVESH DABHI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	ELECTRICAL
54	BHOI HASMUKHBHAI BHAILALBHAI	GOVERNMENT POLYTECHNIC GODHARA	ELECTRICAL
55	BURHANUDDIN SAIFUDDIN ELECTRICWALA	GOVERNMENT POLYTECHNIC GODHARA	ELECTRICAL
56	CHAUDHARI NIRMAL	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	ELECTRICAL
57	CHAUHAN SHUBHAM KANTILAL	SARDAR PATEL COLLAGE OF ENGINEERING	ELECTRICAL
58	CHAUHAN SHUBHAM MAHESHKUMAR	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	ELECTRICAL
59	FATANIYA NARENDRA KANTILAL	DR. SUBHASH TECHNICAL CAMPUS	ELECTRICAL
60	HIRANI RAVIKUMAR DALSUKHBHAI	L.D. COLLEGE OF ENGINEERING	ELECTRICAL



61	HITIN PATELIA ANILKUMAR	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	ELECTRICAL
62	JADAV NEHALKUMAR CHINTUBHAI	L.D. COLLEGE OF ENGINEERING	ELECTRONICS AND COMMUNICA TIONS
63	JADEJA PARTHRAJSINH KISHORSINH	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	ELECTRICAL
64	JALDEEP BABUBHAI PANCHAL	DR. SUBHASH TECHNICAL CAMPUS	ELECTRICAL
65	JANI DIVYANSHU PRASHANT	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	ELECTRICAL
66	JIGNESH RAVALIYA		ELECTRICAL
67	NARENDRASINH	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	ELECTRICAL
68	PAREKH JAY ANILKUMAR	VIDHYADEEP INSTITUTE OF ENGINEERING TECHNOLOGY	ELECTRICAL
69	PARGI RINKABEN JESINGBHAI	VISHWAKARMA GOVERNMENT ENGG.COLLEGE	ELECTRICAL
70	PARMAR MEHUL KISHORBHAI	SHREE LABHUBHAI TRIVEDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	ELECTRICAL
71	PATEL ARTHKUMAR ANILKUMAR	GOVERNMENT ENGINEERING COLLEGE, MODASA	ELECTRICAL
72	PATEL JAYDEEP JITENDRAKUMAR	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	ELECTRICAL
73	PATHAN KAIFKHAN SHAMSHERKHAN	KHYATI SCHOOL OF ENGINEERING	ELECTRICAL
74	PAVAR DILIPBHAI SITARAMBHAI	L.D.COLLEGE OF ENGINEERING	ELECTRICAL
75	RAI PAPPU KUMAR	GOVERNMENT ENGINEERING COLLEGE, BHUJ	ELECTRICAL
76	RAJPARA KISHANKUMAR	DR. SUBHASH TECHNICAL CAMPUS	ELECTRICAL
77	SHELIYA KRUNAL BHARATBHAI	C.K.PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY	ELECTRICAL
78	SOLANKI AKASH ASHOKBHAI	L.D. COLLEGE OF ENGINEERING	ELECTRICAL
79	VAGHELA PARTH NARENDRABHAI	L.D. COLLEGE OF ENGINEERING	ELECTRICAL
80	VAHORA NIHAL FARUKBHAI	SARDAR PATEL COLLEGE OF ENGINEERING	ELECTRICAL
81	ANANYA JIGNESHBHAI KOTHARI	GOVERNMENT ENGINEERING COLLEGE, GANDHINAGAR	INST.& CONTROL
82	BHATT MANAV	GOVERNMENT ENGINEERING COLLEGE, GANDHINAGAR	INST.& CONTROL
83	DEEPAK R KUMAWAT	GOVERNMENT ENGINEERING COLLEGE, GANDHINAGAR	INST.& CONTROL
84	JOSHI DEDEEPLYAMAN RAKESHKUMAR	GUJARAT POWER ENGINEERING AND RESEARCH INSTITUTE	M.SC COMPUTER SCIENCE
85	KRISH PRAJAPATI	GOVERNMENT ENGINEERING COLLEGE, GANDHINAGAR	INST.& CONTROL
86	MUDALIAR DHANANJAY ARUMUGAM	GOVERNMENT ENGINEERING COLLEGE, GANDHINAGAR	INST.& CONTROL
87	RAJPUT ABHINAVRAJ S	GOVERNMENT ENGINEERING COLLEGE, GANDHINAGAR	INST.& CONTROL
88	VALA SHREYANSH ANILBHAI	DR. SUBHASH EDUCATION CAMPUS JUNAGADH	IT
89	AYUSH PATEL	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
90	BHADAURIYA RISHABHKUMAR AKHILESH SINGH	GANDHINAGAR INSTITUTE OF TECHNOLOGY	MECHANICAL
91	BHARAT DHARDA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
92	DHAIRYA NILESHBHAI RAJDEV	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
93	DHAVALKUMAR BALVANTBHAI BHATIYA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
94	DOSHI VRAJ SANJAYKUMAR	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
95	HARDIK HARISH PRAJAPATI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
96	HEM TRIVEDI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL



97	HETSWEET GIRISHBHAI KATHROTIYA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL ENGINEERING
98	JADEJA OMDEVSINH DIGPALSINH	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
99	JATIN RAJUBHAI RATHOD	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
100	JAY RATHVA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
101	KAHAR MANOJ KUMAR RAJARAM BHAI	GANDHI NAGAR INSTITUTE OF TECHNOLOGY	MECHANICAL
102	KEVAL P RAVAT	GANDHINAGAR INSTITUTE OF TECHNOLOGY	MECHANICAL
103	MAKWANA SHELIN RAJESHBHAI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
104	MISTRY DEEP RAMESHBHAI	HASMUKH GOSWAMI COLLAGE OF ENGINEERING	MECHNICAL
105	PANCHAL ROHIT JAGDISHBHAI	HASMUKH GOSWAMI COLLEGE OF ENGINEERING	MECHANICAL
106	PANDYA MEET SAURABHKUMAR	VISHWAKARMA GOVERNMENT ENGEENERING COLLEGE	MECHANICAL
107	PATEL RAJKUMAR BHOGILAL	GOVERNMENT ENGINEERING COLLEGE PALANPUR	MECHANICAL
108	PATEL SAUMYA MANISHKUMAR	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
109	PATEL SHREYABEN DINESHBHAI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
110	PATEL VRUSHANK BHAI NARENDRABHAI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
111	RATHOD VEDANG DIGANTBHAI	VISHWAKARMA GOVERNMENT ENGG.COLLEGE	MECHANICAL
112	RATHWA RONAKKUMAR B	VISHWAKARMA GOVERNMENT ENGG.COLLEGE	MECHANICAL
113	SHAH DEV ALKESHBHAI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
114	SHAH NEEL KALPESHKUMAR	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
115	SHAH NIKU RAJUKUMAR	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
116	SHIVAM SHARADBHAI BARHATE	C. K. PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY	MECHANICAL
117	TIWARI NEHA KAPILDEV	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
118	VAIBHAV MAHESHBHAI GADHAVI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
119	ADITYA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELEC
120	DEVENDRA VISHNOI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELEC
121	JHAVERI KUSH RONAKBHAI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELEC
122	KAUSHAL PREMLAL PATIL	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELEC
123	MAAN PARMEET SINGH SATMINDER	VISHWAKARMA GOVERNMENT ENGG.COLLEGE	POWER ELEC
124	PARSANIYA BHARAT JAYESHBHAI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELEC
125	SOMNATH TRINATH PANDA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELEC
126	SHUBHAM PATEL	L. D. COLLEGE OF ENGINEERING	CIVIL
127	YASH PRAJAPATI	L. D. COLLEGE OF ENGINEERING	CIVIL
128	AMINATA SANYANGI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
129	RIKEN PATEL	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
130	ADITYA HALVADIYA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
131	PRINCE SHUKLA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
132	PAVITRA PATEL	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
133	NIKUNJ VADHAIYA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
134	VIRAJ PANCHAL	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
135	AVAIYA DEEP NIPULBHAI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELEC.
136	SIDDHAPURA HARSHIL	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELECT.
137	YASHKUMAR LIMBACHIYA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
138	MANAV MODI	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	CIVIL
139	NITIN CHAVDA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	CIVIL
140	PAWAR BHARAT	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	CIVIL



141	MEHUL SALUNKE	VISHWAKARMA GOVERNMENT ENGG.COLLEGE	POWER ELEC.
142	RAJVI PANCHAL	L. J. INSTITUTE OF ENGINEERING & TECHNOLOGY	CIVIL
143	DHARA DARJI	L. J. INSTITUTE OF ENGINEERING & TECHNOLOGY	CIVIL
144	SHRUTIKA GAJJAR	L. J. INSTITUTE OF ENGINEERING & TECHNOLOGY	CIVIL
145	KARAN VYAS	L. J. INSTITUTE OF ENGINEERING & TECHNOLOGY	CIVIL
146	MAYURI SOLANKI	L. J. INSTITUTE OF ENGINEERING & TECHNOLOGY	CIVIL
147	HERAT GAUDANI	L. J. INSTITUTE OF ENGINEERING & TECHNOLOGY	CIVIL
148	NISHANT CHAUHAN	GANDHINAGAR INSTITUTE OF TECHNOLOGY	CIVIL
149	JIGNESH VARTTA	GANDHINAGAR INSTITUTE OF TECHNOLOGY	CIVIL
150	MODHA RUSHI	DR. SUBHASH EDUCATION CAMPUS JUNAGADH	CIVIL
151	CHORVADA MIHIR	DR. SUBHASH EDUCATION CAMPUS JUNAGADH	CIVIL
152	RATHWA RAHUL	VISHWAKARMA GOVERNMENT ENGEENERING COLLEGE	MECHANICAL
153	CHAURASIYA NIKHIL	GANDHINAGAR INSTITUTE OF TECHNOLOGY	IT
154	ROHAN DAVE	GANDHINAGAR INSTITUTE OF TECHNOLOGY	IT
155	JAIMIN PANCHOTIYA	GANDHINAGAR INSTITUTE OF TECHNOLOGY	IT
156	JADAV KISHAN	GANDHINAGAR INSTITUTE OF TECHNOLOGY	IT
157	AKBARI RATHAN	GANDHINAGAR INSTITUTE OF TECHNOLOGY	IT
158	SHAIKH MOINNUDDIN	SAL ENGINEERING COLLEGE	CE
159	ANSARI IMTIZAL	SAL ENGINEERING COLLEGE	CE
160	ALAM SHAIKH	SAL ENGINEERING COLLEGE	ELECTRICAL
161	DESAI SIDDHIRAJ	SAL ENGINEERING COLLEGE	CE
162	PRAJAPATI DHRUVIK	SHANKERSINH VAGHELA BAPU INSTITUTE OF TECHNOLOGY	IT
163	JAYRAJ PADALIYA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
164	TEJAS CHARPOT	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	MECHANICAL
165	OZAT RONAK	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	ELECTRICAL
166	HIMANSHU PAIHAN	SAL ENGINEERING COLLEGE	ICT
167	DIP KHATIK	SAL ENGINEERING COLLEGE	ICT
168	PAL MADHU R.	GOVERNMENT ENGINEERING COLLEGE, GANDHINAGAR	BM
169	LALWALA MANAV	VIDHYADEEP INSTITUTE OF ENGINEERING TECHNOLOGY	CE
170	GUPTA PINTU	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELEC.
171	SAIYAD ATILA	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELEC
172	TIWARI ANAND	VISHWAKARMA GOVERNMENT ENGG.COLLEGE	POWER ELEC.
173	SHLOK PATEL	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELEC.
174	PATHAN TAHIN	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELEC.
175	SOLANKI AVIKRAM	VISHWAKARMA GOVERNMENT ENGG. COLLEGE	POWER ELEC.



PROGRAM SCHEDULE FOR VISHWAKARMA YOJANA PHASE-IX



Gujarat Technological University
(Established by Government of Gujarat Under Gujarat Act No. 20 of 2007)

VISHWAKARMA YOJANA (VY) SECTION
(For PHASE-IX)

Organizes

Technical Seminar

On

Towards Rural enhancement

(23rd May 2022)

Time: 11.00 AM to 5.15 PM

Program Schedule

Time	Topic	Duratio
10:45 am - 10:55 am	Registration of the Students and Nodal Officers / Faculties	10 min
11:00 am - 11:03 am	GTU Song	3 min
11:04 am - 11:05 am	Felicitatation of the Chief Guest	1 min
11:06 am - 11:07 am	Felicitatation of the keynote key person of professional institute	2 min
11:08 am - 11:11 am	Introduction By Prof.(Dr.) Jayesh Deshkar –Honorary Director Vishwakarma Yojana Yojana, Principal, V.V.P. Engineering College, Rajkot	3 min
11:12 am - 11:15 am	Welcome address By Dr.K.N.Kher , Registrar, GTU	3 min
11:16 am - 11:20 am	Inaugural address by Prof.(Dr.) Navin Sheth , Hon'ble Vice-Chancellor, GTU	5 min
11:21 am - 11:30 am	Speech By Chief Guest Brigadier, Dr. G Muthukumar SM PhD , Indian Air Force, Military Engineer Service	10 min
11:31 am - 12:30 pm	Sessions on Topic “About Gujarat Village Scenario” By Shri.Dharmendra Parekh , Consultant, Swachh Bharat Mision, District Rural Development agency, Tapi District	60 min
12:31 am - 01:00 pm	Sessions on Topic “Role of Electricity for upliftment of the villages” , Prof. Ashutosh Giri , Assistant Professor, Electrical Engineering, GEC, Bharuch	30 min
01:01 pm - 01:06 pm	Questions answer sessions	5 min
01:07 pm - 01:12 pm	Concluding Remark By Prof.(Dr.) G.P.Vadodariya-Dean, GTU, Principal , Government Engineering College, Bhavnagar	5 min
01:13 pm - 01:16 pm	Vote of Thanks by Prof.Mridul Seth-Assistant Professor, GTU	3 min
01.16 pm to 2.00 pm	Lunch Break	44 min

		TOTAL	184 min
CIVIL			
Technical Sessions - Conference Hall – B0- GTU Chandkheda Campus			
Time	Topic	Duration	
02.00 pm to 03.30 pm	Sessions on Topic “Recent Trends in construction methodology” By Er.Girish Singhai, BOS Civil Eng. GTU, Secretary General-IBC Gujarat Chapter	90 min	
03.31 pm to 03.34 pm	High Tea Break	3 min	
03.34 pm to 04.45 pm	Sessions on Topic “Analyzing of the Case studies in respect of rural development in India” By Mr.Purushottam P. Doijode, Joint Director, Military Engineer Services	90 min	
04.46 pm to 04.49 pm	Concluding Remark By Prof. Rena Shukla, Associate Professor, L.D.Engineering College, VY-Core Committee Member	3 min	
04.50 pm to 05.00 pm	Students Experience sharing about their village work	10 min	
05.01 pm to 05.11 pm	Nodal Officer Experience sharing	10 min	
05.12 pm to 05.15 pm	Vote of Thanks By Prof.Ketan Timani, Associate Professor, VGEC , VY-Core Committee Member	3 min	
		TOTAL	209 min
ELECTRICAL			
Technical Sessions - Conference Hall – A0- GTU Chandkheda Campus			
Time	Topic	Duration	
02.00 pm to 03.30 pm	Sessions on Topic “Soil health-power generation from agricultural residue” By Prof Dipankar Deb, Professor, Electrical and computer science engineering, IITRAM, Ahmedabad	90 min	
03.31 pm to 03.34 pm	High Tea Break	3 min	
03.34 pm to 04.45 pm	Sessions on Topic “Online monitoring of Transmission Line to enhance availability and proactive preventive maintenance” By Mr.Pulkit Jindal, Deputy Manager, Adani Transmission Limited	90 min	
04.46 pm to 04.49 pm	Concluding Remark By Prof.Yashwant Bhavsar, Associate Professor, VGEC, VY-Core Committee Member	3 min	
04.50 pm to 05.00 pm	Students Experience sharing about their village work	10 min	
05.01 pm to 05.11 pm	Nodal Officer Experience sharing	10 min	
05.12 pm to 05.15 pm	Vote of Thanks By Ms.Darshana Chauhan, GTU	3 min	
		TOTAL	209 min
***** Thank You *****			

GTU-VY- Team

Prof. (Dr.) Jayesh Deshkar – VY-Honorary Director
 Prof. Mridul Seth – VY – Supervisor
 Ms. Darshana Chauhan – VY – Assistant Administrative Officer





Gujarat Technological University

(Established Under Gujarat Act. No. 20 of 2007)

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