

*Report on  
Faculty Development Program  
'Transportation Engineering  
Practices'*

*(Jointly sponsored by AICTE and  
GTU)*



*at*

*Department of Civil Engineering*



*Dedicated Faculty, Committed Education*

**Darshan**

**Institute of Engg. & Tech. for Diploma Studies**



### **About Institute:-**

Darshan Institute of Engineering & Technology for diploma studies is a prominent institute offers a broad of academic programs and professional courses for diploma engineering. Our institute is Located in peaceful and sylvan surroundings with distinctive collegiate structure, about 19 km from Rajkot, Gujarat, India. The Institute is affiliate to the Gujarat Technological University and approved by the AICTE, New Delhi. The Institute was established in the year 2009, by Shree G.N.Patel Education & Charitable Trust. Darshan is managed by technical experienced & well qualified management team, under leadership of M.V Sanghani. From its inception the college has grown steadily and is imparting quality teaching education. The Institute has well experienced, highly qualified and dedicated faculty for committed education. All head of the department and senior faculties are reputed industrial consultants.

### **About Department:-**

Civil engineering is the discipline that applies the principles of engineering, physics and material science for the design, analysis, construction and maintenance of civil structures. Civil Department of Darshan Institute of Engineering & Technology for Diploma Studies is built up with top edge notch facilities for carrying cutting edge teaching. The department has an opportunity to play a major role in providing the engineers with academic background.

### **Objective of the Program:-**

Faculty development programme intends to provide nancial assistance to facilitate up gradation of knowledge related to transportation engineering, skill and intends to provide opportunities for induction training to teachers employed in disciplines of engineering & technology.



## **Steering Committee:-**

### **Chief Patron:-**

Dr. R. G. Dhamsaniya  
Principal  
Darshan Institute Of Engineering &  
Technology

### **Patron:-**

Prof. M. V. Sanghani  
Principal  
Darshan Institute Of Engineering &  
Technology For Diploma studies

### **Co-ordinator:-**

Prof. H. K. Bhayani  
Head of department  
Department of civil engineering  
Darshan institute of engineering & technology for diploma studies  
Email: haresh.bhayani@darshan.ac.in  
Mo. 9558442890

### **Organizing Committee:-**

Mr. P.B. Adroja, Faculty, DIETDS  
Mr. D.H. Pambhar, Faculty, DIETDS  
Mr. H.H. Pandya, Faculty, DIETDS  
Mr. H.H. Jadav, Faculty, DIETDS  
Mr. D.J. Raiyani, Faculty, DIETDS  
Mr. A.K. Taraviya, Faculty, DIETDS  
Mr. A.M. Gusani, Faculty, DIETDS  
Mr. M.H. Lathia, DIETDS



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**Registration fee**  
There is no registration fees for any participants. Each participant in this program will be given a course material, participation kit and working lunch and tea.

**Declaration by participant**  
The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the seminar. I undertake the responsibility to inform the correspondent sufficiently in advance in case I am unable to attend the course.

Date:.....

Applicants Signature:.....

**Accommodation**  
Boarding & Lodging facilities will be provided free of charges to each participant but participants should inform well in advance. TA will be provided for the outstation participants.

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**About the FDP**  
Faculty development programme intends to provide financial assistance to facilitate up gradation of knowledge related to transportation engineering, skill and intends to provide opportunities for induction training to teachers employed in disciplines of engineering & technology.

**How to apply**  
Online Registration of participants is mandatory, for registration visit it. <https://rjts.com/BEYC/>. For offline registration (optional), the attached form or the form of similar format should reach to the address of correspondent via post or E-mail (Scanned copy).

**Who can Attend?**  
Faculty members of Degree/ Diploma level engineering colleges affiliated to Gujarat Technological University & approved by AICTE and from following disciplines: Civil Engineering or Transportation Engineering

**Registration fee**  
There is no registration fees for any participants. Each participant will be given a course material, participation kit and working lunch and tea. Last date of registration: 27<sup>th</sup> November, 2019

**Accommodation**  
Boarding & Lodging facilities will be provided free of charges to outstation participant but participants should inform well in advance. TA will be provided to the outstation participants.



A five days Faculty Development program on “Transportation Engineering Practices “Jointly sponsored by GTU and AICTE under (GTU/Conference/AICTE-GTU FDP F.Y. 2019-20 /2019/ 4689) was held at the Department of Civil Engineering of Darshan Institute of Engineering and Technology for diploma studies, Under the patron of Dr. R. G. Dhamsaniya from 2<sup>nd</sup> December to 6<sup>th</sup> December,2019.

The FDP aims to provide opportunities to faculty members, research scholars and post graduate students to enrich their teaching skill and research in the field of Transportation Engineering Practices The program also intends to develop the knowledge of participants for simulation with advanced software in the relevant field for inculcating learning values in students and guiding and monitoring their progress. The FDP was attended by participants from faculty members of GTU affiliated colleges.



## Inauguration Session

AICTE and GTU sponsored five days Faculty Development Program (FDP) On “Transportation Engineering Practices” was inaugurated in the presence of Honorable Chairman and Degree Principal, Dr. R. G. Dhamsaniya, Diploma Principal, Prof. M. V. Sanghani, Chief Guest Dr. Navin C. Shah, Head of the departments, Prof. H. K. Bhayani and staff members.





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Prof. (Dr.) R. G. Dhamsaniya, Chief patron welcomed all the respected dignitaries and participants. Prof. M. V. Sanghani, Principal of DIETDS explained the objectives of FDP organized by civil dept. in his speech.







## TECHNICAL SESSIONS:

### DAY 1 (2-12-2019) Session I:

Dr. Navin.C. Shah, Director at Chhotubhai Gopalbhai Patel Institute of Technology, Uka Tarsadia University, Bardoli delivered sessions on **Strength Evaluation of State Highway & Runway Pavement –A Case Study of Surat Airport Project, Surat**





## DAY 1 (2-12-2019) Session II:

Dr. Jiten Shah, Assistant Professor, IITRAM, Ahmedabad delivered session on **Transportation Engineering Practices: Issues, Challenges and Design Approaches**





### DAY 1 (2-12-2019) Session III:

Mr. P.G.SURVE (SR.PAVEMENT SPECIALIST, ICT) delivered sessions on  
**DESIGN OF NEW CONCRETE (RIGID) PAVEMENT BY IRC:58-2015**





### **DAY 2 (3-12-2019) Session I:**

Mr. Prashant Pambhar, Sai- sytra consultancy, Ahmedabad, delivered sessions on “Basic understanding of MX Road Software”.



### **DAY 2 (3-12-2019) Session II:**

We have organized of field visit at HOT MIX Plant of bitumen nearby KHIRASARA PALACE and Managed by PAVAN Construction at Rajkot. Prof. Darshan Dave and Mr. Vipulbhai was Explained on working of hot mix plant. Purpose of this visit to understands about whole Procedure to making BITUMEN.



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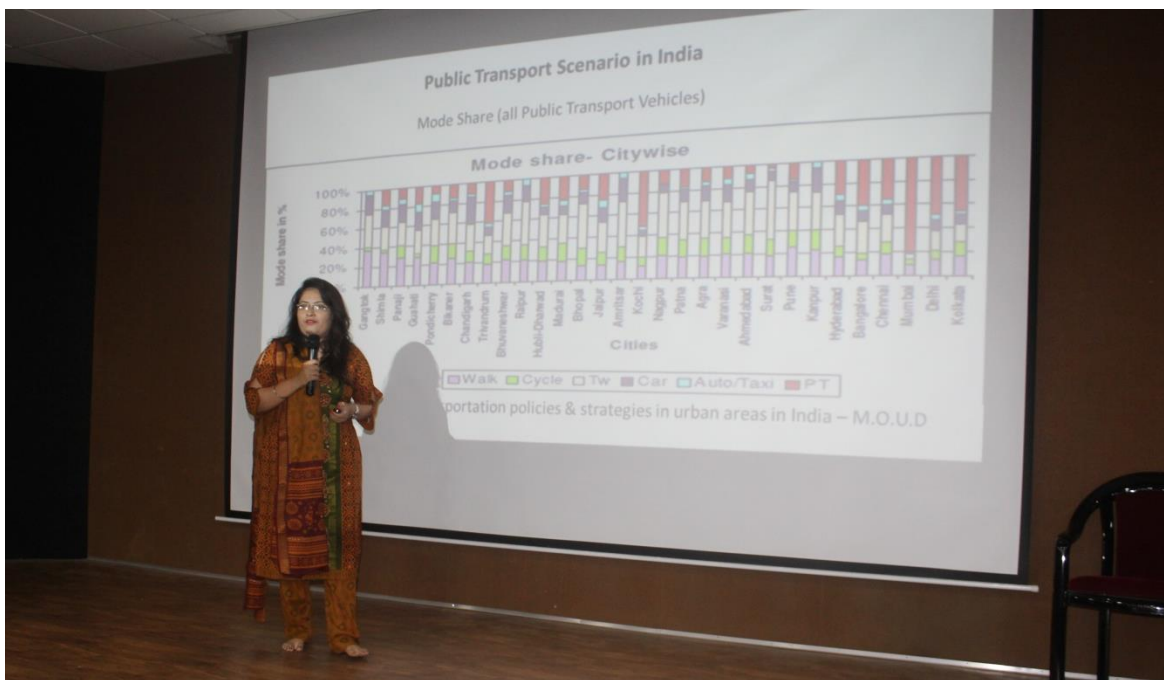
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### DAY 3 (4-12-2019) Session I:

Prof. Monicaba Vala, Transportation Engineering Department, Govt. Polytechnic, Porbandar, was delivered sessions on "Enhancing the Public Transportation Services in Rajkot City"





### DAY 3 (4-12-2019) Session II:

Dr. Ujval Solanki, Assistant Professor at Darshan Institute of Engineering & Technology was delivered sessions on “**Highway Material: Subgrade**”







### **DAY 3 (4-12-2019) Session III:**

Prof. Dinesh Vagadia, Head of Department of Civil Engg. Govt. Polytechnic, Porbandar was delivered sessions on **“Passenger Car Unit and it’s relevance in Current Scenario”**.





## DAY 4 (5-12-2019) Session I:

Dr. Ujval Solanki, Assistant Professor at Darshan Institute of Engineering & Technology was delivered sessions on “**Construction and Design Practices of Concrete Road**”





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### **DAY 4 (5-12-2019) Session II:**

Prof. Darshan Dave, Assistant Professor at Darshan Institute of Engineering & Technology was delivered sessions on “**Mix design of Bituminous**” .and also In this session performed all test on Bituminous in lab.







## DAY 5 (6-12-2019) Session I:

Dr. Yogesh U. Shah, Assistant Professor at IITRAM Ahmedabad, was delivered sessions on “**Evaluation Of Rigid Pavement by falling weight Deflectometer**”





## DAY 5 (6-12-2019) Session II:

Dr. P. J. Gundaliya, Professor, L. D. College of Engineering, Ahmedabad, was delivered sessions on “*Public Transport: A way to Sustainable urban Development*”.





## DAY 5 (6-12-2019) Session III: (Valedictory Ceremony)

Now in this session we conduct exam and closing ceremony by completing thanks speech of Principal Prof. M. V. Sanghani sir and Head Of Department Prof. H. K. Bhayani sir.

