

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**Chandubhai S Patel Institute of Technology**  
**Manubhai Shivabhai Patel Department of Civil Engineering**

**SUMMARY OF CURRICULUM FEEDBACK RECEIVED FROM STACK**  
**HOLDERS (Year 2017 - 18)**

1. Stakeholders expressed their satisfaction in curriculum.
2. More project work should be given.
3. Experts from industries should be invited for the talks in all the courses.
4. Evaluation of the students should be done on the basis of their analytical skills, conceptual understanding and application capability rather than testing their memory strength. For the same various assessment tools should be implemented.
5. In Structural Dynamics and Earthquake Engineering, onsite sessions should be conducted.
6. Theory classes should be followed by laboratory sessions of the same topic.
7. Students should have a freedom for choosing subjects.
8. Software training should be given in structural analysis and design.

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Manubhai Shivabhai Patel Department of Civil Engineering

ACTION TAKEN ON FEEDBACK FROM STAKEHOLDERS (2017 - 18)

Suggestions given by stockholders were considered and following decisions were made, to be put up for consideration:

- More Emphasis will be given on project work. (Annexure – I)
- Experts from industries (Minimum two experts per subject) are invited for the talks (Annexure – II)
- As per requirement of the course, faculties have introduced various assessment tools under pedagogy development. Also, Empirical Formulae will be provided to reduce the conventional methodology of memorizing the data. (Annexure – I)
- Application oriented teaching will be done by Introduction of onsite lectures and frequent workshops. (Annexure – I)
- Theory and practical sessions were conducted simultaneously for better understanding. (Annexure – I)
- Elective courses were included in the curriculum, which give freedom of course selection. (Annexure – I)
- Certificate course on STADD Pro: and ETABS is organized. (Annexure – III)

Vedanti M.U.

Ms. Mitali Vedanti  
Assistant Professor



Dr. V. R. Panchal,  
Professor and Head,  
M S Patel Department of Civil Engineering,  
CSPIT, CHARUSAT

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# Annexure - I

## Minutes – 15<sup>th</sup> Meeting of Board of Studies of Civil Department

**Date : 28<sup>th</sup> July 2018, Saturday**

**Time : 10:00 am**

**Venue: Civil Engg. Dept., CSPIT, CHARUSAT**

The 15<sup>th</sup> meeting of the Board of Studies (BOS), Civil Engineering, Faculty of Technology and Engineering, Charotar University of Science and Technology (CHARUSAT) was held as per above schedule.

Following members were present:

1.	Dr. V. R. Panchal	Chairman	Professor & Head, Department of Civil Engineering, CSPIT
2.	Ms. Neha Chauhan	Internal Member	Asst. Professor, Department of Civil Engineering, CSPIT
3.	Ms. Dipali Patel	Internal Member	Asst. Professor, Department of Civil Engineering, CSPIT
4.	Dr. N. C. Shah	External Expert	Director, Uka Tarsadiya University, Bardoli
5.	Dr. H. M. Patel	External Expert	Head, Department of Civil Engineering, Faculty of Technology and Engineering, The M. S. University of Baroda, Vadodara
6.	Prof D. G. Panchal	External Expert	Dean, Faculty of Technology, D. D. University, Nadiad.
7.	Dr. Jay Shukla	External Expert	Asst. General Manager, L&T (S&L), Vadodara
8.	Mr. Ravikiran Vaidya	External Expert	Principal Engineer, Geodynamics, Vadodara

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Members absent due to Pre-occupation:

1.	Dr. Hiteshri Shastri	Internal Member	Asst. Professor, Department of Civil Engineering, CSPIT
2.	Dr. N. J. Mistry	External Expert	Professor (Retd.), Department of Civil Engineering, S. V. National Institute of Technology, Surat
3.	Mr. Manoj Bhavasar	External Expert	Deputy General Manager, Global Post Tensioning Solutions Pvt. Ltd., Vadodara
4.	Dr. Sanjay Dhiman	External Expert	Associate Professor, Civil Engineering Department, B. V. M. College of Engineering, V. V. Nagar

**Initiation:**

Chairman welcomed members of Board of Studies (BOS) and introduced them and initiated the proceedings by taking up the agenda for discussion by members.

**Proceedings & Resolutions:-**

**Agenda No. 15.01: For Confirmation:** Approval of Minutes of the 14<sup>th</sup> BOS Meeting

**Proceeding No. 15.01**

Minutes of 14<sup>th</sup> Meeting of BOS, Faculty of Technology & Engineering were circulated to BOS members in advance. Chairman outlined the summary and the actions taken on the received suggestions of 14<sup>th</sup> Meeting of Board of Studies and invited further comments.

**Resolution No. 15.01**

As no comments were received on circulation of Minutes, the minutes of meetings were confirmed. The same are attached as **Annexure - I**.

**Agenda No. 15.02: Approval:** Approval of Synopsis and panel of potential reviewers/referees for Ph. D. Thesis of Ms. Yamini Jayantibhai Patel (14DRCL001)

**Proceeding No. 15.02**

Ms. Yamini Jayantibhai Patel (14DRCL001) presented her synopsis on "Self Compacting Geopolymer Concrete" to the BOS members. Suggestions for the panel of potential reviewers/referees for Ph. D. Thesis of Ms. Yamini Patel were invited by the Chairman. Members have suggested the names of few experts.

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**Resolution No. 15.02**

The Synopsis Ms. Yamini Jayantibhai Patel (14DRCL001) was approved with minor corrections.

Members suggested that Dr. A. K. Verma and Dr. Priti A Patel should be replaced by Dr. A V Thomas (Director, Adani Institute of Infrastructure Engineering, Ahmedabad) and Dr. Urmil Dave (Professor, Civil Engineering Department, Faculty of Technology, Nirma University, Ahmedabad) in the panel of examiners within Gujarat.

Members also suggested Dr. J. B. Dafedar and Dr. Anurag Misra should be replaced by Dr. C. S. Desai (Arizona University, USA) and Dr. Kishore Rawande (MIT, Pune) in the panel of examiners from outside Gujarat.

**Agenda No. 15.03: For Discussion: Review of Results of Academic year 2017-18**

**Proceeding No. 15.03:**

Chairman presented the University Exam Results B. Tech and M. Tech of Academic Year 2017-18 semester wise and course wise to the Board members. The same is attached as **Annexure - II.**

**Resolution No. 15.03**

The Board deliberated on the courses which were having more than 10% failure. Following suggestions were given by the Board to improve the results in future:

1. A unit test exam should be conducted for each course every Saturday after the completion of one month of teaching.
2. In the F. Y. B. Tech. results, it is observed that in Mathematics, the performance is not satisfactory. This is mainly due to the language issues and irregularity of some students.
3. Provide empirical formulae to the students to reduce the conventional methodology of memorising data.
4. University Backlog Examination should be conducted immediately after one month of declaration of results. Students who will not qualify in the backlog exam in first attempt should be given another chance to appear in next semester.

**Agenda No. 15.04: Discussion: Review of question papers scrutiny report 2017-18**

**Proceeding No. 15.04:**

Chairman presented the question paper scrutiny report of question papers of the year 2017-18. Board members deliberated on the report. The report is attached as **Annexure - III.**

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**Resolution No. 15.04**

Board members noted that majority of the question papers reviewed by the subject experts were of “Good” to “Very Good” Category and few were of “Excellent Category”. The external experts of the Board were of the opinion that the standard of question papers is generally of very good category. The following suggestion was given by the members:

1. External examiners are to be invited only for final year students.
2. Open book exams could be considered at higher semesters for enhancing the problem solving skills of students.

**Agenda No. 15.05: Approval: Review and Approval of Revised CBCS based B. Tech and M. Tech. (Civil Engineering) Course Structures**

**Proceeding No. 15.05:**

Based on the UGC recommendations, CHARUSAT had instructed Faculty of Technology & Engineering to implement Choice Based Credit System (CBCS) from Academic Year 2016-17. Chairman presented revised B. Tech and M. Tech. CBCS course structures of Civil Engineering. Members deliberated on the revised CBCS course structures. These are attached as **Annexure - IVA and IVB**.

In B. Tech course structure, teaching and examination schemes of subjects CL281.01 and CL282.01 have been changed from theory to practical.

**Resolution No. 15.05**

Board reviewed and granted approval to the revised CBCS B. Tech and M. Tech (Civil Engineering) course structures and suggested that the credits of HS 126.01 A (Communication Skills - I) should be split into 1 credit for theory and 1 credit for practical/tutorial.

**Agenda No. 15.06: Approval: Consideration and Approval of final year B. Tech CBCS Syllabus for academic year 2019-20**

**Proceeding No. 15.06:**

Chairman presented the final year B. Tech CBCS Syllabus for academic year 2019-20 to the members.

**Resolution No. 15.06**

Board approved the final year B. Tech. CBCS Syllabus for Academic Year 2019-20.

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**Agenda No. 15.07: Approval:** Consideration and Approval of CBCS based B. Tech (Civil Engineering) course structure and B. Tech Second year (CBCS) syllabus to be implemented for the students who are enrolled in 2018-19

**Proceeding No. 15.07:**

Chairman presented the B. Tech (Civil Engineering) course structure and B. Tech Second year (CBCS) syllabus to be implemented for the students who enrolled in 2018-19. The B. Tech (Civil Engineering) course structure is attached as **Annexure - V**.

Chairman informed about the revisions in the credits of three subjects namely CL 245.01 (Building Construction Technology), CL342.01 (Concrete Technology) and CL345.01 (Environmental Engineering-I), which has resulted in the total credits of B. Tech course structure to be earned by the students, who are enrolled in Academic Year 2018-19, getting reduced to 192.

**Resolution No. 15.07**

Board approved the B. Tech (Civil Engineering) course structure and B. Tech Second year (CBCS) syllabus to be implemented for the students who are enrolled in 2018-19.

**Agenda No. 15.08: Approval:** Approval of Panel of Examiners for 2018-19

**Proceeding No. 15.08**

The list of panel of external examiners for various Civil Engineering courses was presented by the Chairman as per attached as **Annexure - VI**.

**Resolution No. 15.08**

The list of panel of examiners for Civil Engineering courses for the year 2018-19 was approved by the Board.

**Agenda No. 15.09: For Discussion:** Pedagogy & Suggest improvement for its modification

**Proceeding No. 15.09**

The current Pedagogy of different subjects was presented by the Chairman as per attached as **Annexure - VII**.

**Resolution No. 15.09**

Board has suggested that evaluation of the students should be done on the basis of conceptual understanding, by asking questions having more weightage on figure based numericals.

Civil engineering being a field based program, the Board emphasised the introduction of onsite lectures and more frequent workshops.

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On-site lectures may be conducted in such a way, that students can be taken to major construction sites and in the morning sessions they observe the activities on site and after noon the theory and numerical of such activities may be covered. However, the practicality of such efforts should be discussed in detail and it is recommended to do a pilot project in this line and evaluate the shortcomings.

More workshops for having practical exposure shall be organised at the department level for both students and faculty members. The theoretical content on lectures should be kept minimum.

**Agenda No. 15.10: For information: NBA Accreditation for Civil Engineering**

**Proceeding No. 15.10**

Chairman briefly provided information regarding obtaining the NBA accreditation as a University policy. However, the Civil Engineering Department can't go for the NBA accreditation in the current academic year as number of available PhDs in the department is less than 10% of the number of faculty members of department as per NBA requirement.

**Resolution No. 15.10**

Members suggested to recruit more faculty members having PhD degree before going for the NBA Accreditation.

**Agenda No. 15.11: For Discussion: Implementation of Outcome Based Education (OBE)**

**Proceeding No. 15.11**

Chairman briefly provided information regarding the OBE and invited suggestions from expert members.

**Resolution No. 15.11**

The following suggestions were given by the Board members:

1. Emphasis should be given on project work.
2. Theory and practical should go simultaneously.
3. Faculty and students should be involved in live projects with industries.
4. Application oriented teaching should be practiced.
5. Collect feedback from stake holders and do extensive analysis of feedback to do necessary updates in the syllabus and curriculum.

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**Agenda No. 15.12: For Discussion: Examiner feedback review of question papers**

**Proceeding No. 15.12**

A brief overview of the process of taking feedback from examiners on the question papers was given to the Board members by the Chairman. The existing feedback forms were shown to the Board members.

**Resolution No. 15.12**

Board members noted that feedbacks received from external examiner are satisfactory.

**Agenda No. 15.13: For Discussion: New Programmes**

**Proceeding No. 15.13**

Chairman invited suggestions on proposed engineering courses that may be taken up in future.

**Resolution No. 15.13**

The following suggestions were given by the board members.

1. In general, super specialization courses at B. Tech level are observed as an unsuccessful experiment. The university should focus on operating on the fundamental engineering B. Tech. and the specialized M. Tech courses.
2. Board members suggested to start a new course in M. Tech. (Environmental Engineering)/ Construction Engineering and Management/ Transportation Engineering.

**Agenda No. 15.14: For Discussion: Massive Open Online Courses (MOOCs) on SWAYAM Platform**

**Proceeding No. 15.14**

Chairman gave a brief overview about the university initiative about the SWAYAM courses and informed that UGC has also issued UGC Regulations 2016, to allow credit transfer up to 20% on the basis of MOOCs on SWAYAM.

**Resolution No. 15.14**

Board members suggested to identify the MOOCs related to Civil Engineering from SWAYAM Platform, which can be offered to the students of Civil Engineering and put the same before Board of Studies for approval.

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**Agenda No. 15.15: For Discussion: Placement**

**Proceeding No. 15.15**

Placement data of academic year 2017-18 to board members was presented by the Chairman as per attached as **Annexure – VIII**.

**Resolution No. 15.15**

BOS appreciated efforts of the faculty members for the placement of students.

**Agenda No. 15.16: For Discussion: Research Activities, Project and Consultancy**

**Proceeding No. 15.16**

The data related to Research Activities, Project and Consultancy carried out during academic year 2017-18 to board members was presented by the Chairman as per attached as **Annexure – IX**.

**Resolution No. 15.16**

BOS appreciated efforts of M.Tech students for their research work. BOS has also appreciated the efforts of Dr. Hiteshri Shastri for achieving funding from the prestigious agency DST- SERB and appreciated the work of department for becoming Schedule-I Environmental Auditor.

**Agenda No. 15.17: For Discussion: Admissions and Quality of Inputs**

**Proceeding No. 15.17**

Chairman invited suggestions from Board members about Admissions and Quality of Inputs.

**Resolution No. 15.17**

BOS members remarked on the falling demand of Civil engineering and emphasised the requirement of enhanced outreach activity, by which the common public can be sensitized about Civil engineering.

Board suggested the following activities;

1. Conducting Civil engineering competitions and workshops at school level to enhance the awareness.
2. To undertake Civil engineering projects from nearby villages and extend free consultancy services.
3. Student may be motivated to adopt villages nearby and solve the civil engineering issues by way of projects.
4. Students shall be exposed to international civil engineering practices, and the same shall be used for publicising the department portfolio.

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**Agenda No. 15.18: For Discussion: Quality in Education and World Class Universities**

**Proceeding No. 15.18**

Chairman invited suggestions from Board members regarding Quality in Education and World Class Universities.

**Resolution No. 15.18**

BOS members suggested more networking effort with international institutes to upgrade the standards. Recruiting faculty members having international exposure also can be considered for the enhancement of standards.

Faculty members doing research may be motivated to undertake internships and other short term programs of international level to enhance their skills.

**Agenda No. 15.19: For Discussion: Road-Map 2023 document**

**Proceeding No. 15.19**

Chairman invited suggestions from Board members regarding Road-Map 2023 document.

**Resolution No. 15.19**

The Board pointed out to prepare a document emphasising the benchmark achievement for the next 5 years and the same need to be audited every year for the evaluation of shortfall.

**Agenda No. 15.20: For Discussion: Provision of Audit Course**

**Proceeding No. 15.20**

Chairman invited suggestions from Board members regarding provision of Audit Course.

**Resolution No. 15.20**

The board noted that, the skills required for civil engineering industry is beyond the syllabus and are sometimes a non-teachable. By introducing audit courses in the curriculum, an opportunity becomes available for students having a scope of improvement of their natural abilities and the same may increase their employability.

**Agenda No. 15.21: For Discussion: Focus on Sports**

**Proceeding No. 15.21**

Chairman invited suggestions from Board members regarding Focus on Sports

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**Agenda No. 15.22: For Discussion: Cultural and Social Activities for the Holistic development of the students**

**Proceeding No. 15.22**

Chairman invited suggestions from Board members regarding Cultural and Social Activities for the Holistic development of the students

**Resolution No. 15.22**

To inculcate the fundamental values and social commitment among students, it is recommended by the Board to enhance the number of social activities in the department.

**Agenda No. 15.23: For Discussion: Quality of Research in Ph.D**

**Proceeding No. 15.23**

Chairman invited suggestions from Board members regarding Quality of Research in Ph.D  
**Resolution No. 15.23**

Teaching learning environment in the department can be enhanced by involving more students in research activities on going in the department and it will be worth sparing time slot in the weekly schedule itself. Students and faculty members may be motivated to network within the university and outside by providing different platforms like research club, innovation club, tea club, etc.

**Agenda 15.24: For Discussion and Approval; To approve the teaching and examination schemes with detailed syllabi of B Tech (2<sup>nd</sup> & 3<sup>rd</sup> Year) (Batch 2017)**


**Proceedings: 15.24**

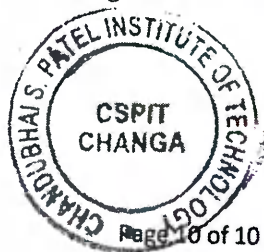
Chairman gave brief note about the modifications made in B Tech (2<sup>nd</sup> & 3<sup>rd</sup> Year) (Batch 2017) effective from 2018-19 and was presented for the required approval of the same.

**Resolution 15.24**

Board approved Teaching and Examination Scheme of B Tech Civil Engineering (2<sup>nd</sup> & 3<sup>rd</sup> Year) (Batch 2017) effective from 2018-19, along with syllabi and the same is attached as Annexure-X.

*As there was no other item, the meeting ended with a vote of thanks by the Chairman.*

  
Dr. V. R. Panchal  
Chairman, BOS



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(CHARUSAT), CHANGA – 388 421

Chandubhai S. Patel Institute of Technology

M. S. Patel Department of Civil Engineering

Event Report

Name of Event : Expert Talk; Subject: Environmental Engineering

Date and Time of Event : 31st August 2017, Saturday, 2:30 to 4:20 pm

Event coordinator : Ms. Mitali Vedanti; Dr. D S Vyas

Resource person details (if any):

Sr. No.	Name of the resource person	Organization of resource person
1	Er. Chirag Bhimani Deputy Environmental Engineer	Gujarat Pollution Control Board (GPCB), Gandhinagar

Event Schedule:

Date	Time	Session	Activity
31 <sup>st</sup> August 2017	2:30 to 4:20 pm	Emission Trading Scheme (ETS) – A Novel Approach Towards Pollution Control	Expert Talk

Summary of the Event (Maximum 200 words):

Er. Chirag Bhimani has more than 15 years of experience in the field of Environmental engineering. He gave an excellent talk on Emission Trading Scheme and its working. The talk largely helped the students to realize the potential of emission trading and provided an insight on the future career opportunity in this area.

Registration fee (if any):----- No-----

No. of Participants: 105

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List of Participants: Enclosed

Sr.No.	Name of participant	ID No.
1.		
2.		
3.		
4.		

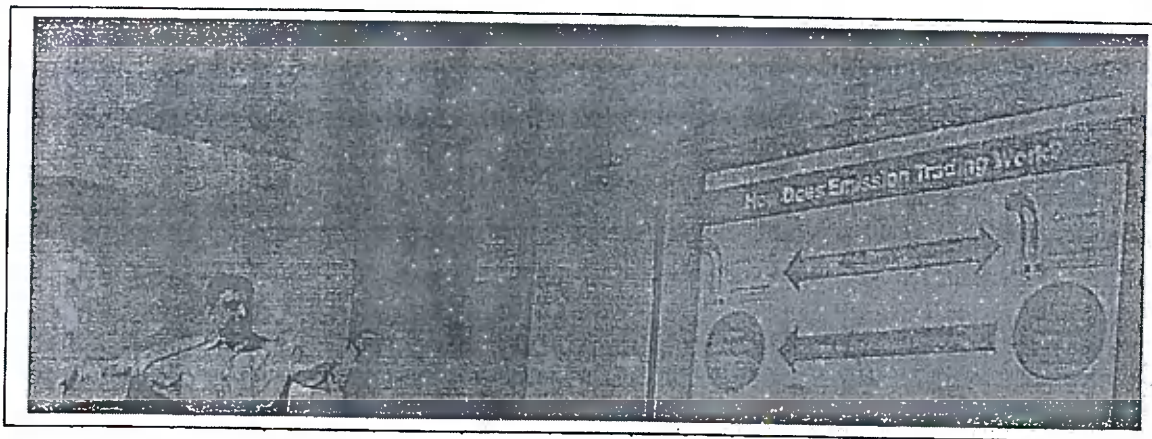
Amount sanctioned by CSPIT/CHARUSAT: 3200/- (Three thousand two hundred only)

Accounts details:

Sr. No.	Details	Rupees
Income -----NIL-----		
1.		
2.		
3.		
Expenses		
1.	TA	1200/-
2.	Honorarium	2000/-
Total		3200/-

Overall impact of Event: Excellent/Very Good/Good/Average/Poor

Photographs of the event with captions (at least six photographs):



Er. Chirag Bhimani during the expert talk

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Group of students during expert talk



Er. Chirag Bhimani explaining emission trading

Coordinator Sign: Vedanti m.u. (Ms. Mitali Vedanti)

Head of Department Sign: [Signature]  
12/09/12

Professor & Head (Civil Engineering)  
C. S. Patel Institute of Technology  
Charotar University of Science & Technology  
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**Expert Lecture**  
on  
**Emission Trading Scheme(ETS) - A Novel Approach Towards Pollution Control"**  
by

Er. Chirag Bhimani, Deputy Environmental Engineer, GPCB, Gandhinagar  
Organized by Civil Engineering Department, CSPIT

August 31, 2017 (Thursday)

Venue: EC/EE Auditorium

2:30 p.m. onwards

**ATTENDANCE SHEET FOR STUDENTS**

Sr. No.	ID No.	Student Name	Department/Institute	Signature
1	15CL089	Patel Umil	Civil	
2	15CL105	Neel Shah	Civil	
3	15CL050	Hinal Modi	Civil	
4	15CL106	yuvraj	CIVIL	
5	15CL031	Krupa Grohi	CIVIL	
6	15CL072	Hemanshi Patel	CIVIL	
7	15CL017	Nevia vekariya	CIVIL	
8	D16CL147	Gohil Manish P.	"	
9	D16CL132	Chavda Tej d.	"	
10	D16CL137	Bharysali Jatin	"	
11	15CL110	Teshikha Srivastava	"	
12	15CL056	VishnuPriya	"	
13	15CL122	Vijchitra Zaveri	"	
14	15CL104	Monika Shah	"	
15	D16CL157	VERMA ASTI K.	"	
16	D16CL146	Grohel Kirtan K.	"	
17	D16CL149	Doshi Yash K.	"	
18	D16CL134	Mehimna U.	"	
19	D16CL139	Christie Aldine P.	"	
20	14CL014	Chandhury fresh R.	"	
21	14CL058	PARMAR YASH	"	
22	15CL053	Kunal Nandanani A	"	
23	15CL011	KARISHMA CHANDANI	Civil	
24	15CL055	KENITA MARY SABU	"	
25	15CL059	Parthesh Pandya	"	
26	15CL029.	Dhruvik godham,	"	
27	15CL010	Reni Chhabradia	"	
28	15CL064	shivam parmar	"	
29	15CL062	NIZKUNJ PARMAR	"	
30	15CL030	Amit Gohil	"	
31	15CL051	vivek Moraduya	"	
32	15CL109	Dej Tank	"	
33	15CL076	Maheshi Patel	"	
34	15CL114	Parth Vacladanya	"	
35	15CL061	Mehul Parparad	"	
36	15CL068	Hemant Par	"	
37	15CL069	Fenil Patel	"	
38	D16CL125	Ashish Durgani	"	
39	D16CL131	KHUNT JAYDEEP	"	
40	D16CL128	Ankur Mehta	"	
41	15CL007	Fenil Borad	"	
42	15CL084	Pracet Patel	"	
43	15CL096	Himanshu Reninga	"	

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# Emission Trading Scheme(ETS) - A Novel Approach Towards Pollution Control"

by

Er. Chirag Bhimani, Deputy Environmental Engineer, GPCB, Gandhinagar

Organized by Civil Engineering Department, CSPIT

August 31, 2017 (Thursday)

Venue: EC/EE Auditorium

2:30 p.m. onwards

## ATTENDANCE SHEET FOR STUDENTS

44	D16CL158	Dharmraj Shrivastava	Civil Branch	DR
45	15CL073	Patel Neval	Civil Branch	K.N. Patel
46	15CL090	Patel Zee	Civil Branch	Zee Patel
47	15CL063	Prad Pivcha	Civil Branch	Prad Pivcha
48	15CL006	Aditi Bharambha	Civil Branch	Aditi Bharambha
49	15CL033	Vibhuti Royal	Civil Branch	Vibhuti Royal
50	15CL009	Ari Budhdev	Civil Branch	Ari Budhdev
51	15CL047	Shyam Marvani	Civil Branch	Shyam Marvani
52	15CL098	Pratik Ghevariya	Civil	Pratik Ghevariya
53	15CL060	Vishay Pandeya	Civil	Vishay Pandeya
54	15CL042	Divyanshu Bansara	Civil	Divyanshu Bansara
55	15CL016	Prat Chavchisa	Civil	Prat Chavchisa
56	15CL024	Nimesh Gajera	Civil	Nimesh Gajera
57	15CL035	Vign Jivwala	Civil	Vign Jivwala
58	15CL048	Aniket Mishra	Civil	Aniket Mishra
59	15CL052	Bhavyesh Munjapara	Civil	Bhavyesh Munjapara
60	15CL032	BHAV GESH	Civil	BHAV GESH
61	15CL037	FALAK JINWALA	Civil	FALAK JINWALA
62	15CL001	Romil Amin	Civil	Romil Amin
63	15CL027	Denish Chaudhary	Civil	Denish Chaudhary
64	15CL017	Jash Chaudhary	Civil	Jash Chaudhary
65	15CL022	JIPUN DHEWRAJI	Civil	JIPUN DHEWRAJI
66	15CL023	Aditya Doshi	Civil	Aditya Doshi
67	D16CL130	Jyoti Chavchisa	Civil	Jyoti Chavchisa
68	D16CL124	Janmay Barishi	Civil Branch	Janmay Barishi
69	15CL086	Jay Prasad	Civil	Jay Prasad
70	15CL077	Naishidh Patel	Civil Branch	Naishidh Patel
71	D16CL126	AARIT DOMA	Civil	AARIT DOMA
72	D15CL015	Parth Chauhan	Civil	Parth Chauhan
73	D16CL141	Shaikh Hannan	Civil Branch	Shaikh Hannan
74	D16CL150	Vaghela Bharat	Civil Branch	Vaghela Bharat
75	D16CL133	Jagan Mitun	Civil	Jagan Mitun
76	D16CL151	Aniket Agaswal	Civil	Aniket Agaswal
77	D16CL143	Dharmin Joshi	Civil	Dharmin Joshi
78	D16CL152	Yash Patel	Civil	Yash Patel
79	15CL108	Rutvik Surani	Civil	Rutvik Surani
80	15CL097	Abhay Rathod	Civil	Abhay Rathod
81	15CL101	Dhruv Senjariya	Civil	Dhruv Senjariya
82	15CL107	Jydeep Solanki	Civil	Jydeep Solanki
83	D16CL140	Jusni Yash	Civil	Jusni Yash
84	D16CL156	Meet Maniya	Civil	Meet Maniya
85	15CL113	Vidit Chaudhary	Civil	Vidit Chaudhary
86	15CL071	HARSH PATEL	Civil	HARSH PATEL
87	15CL107	Jydeep Solanki	Civil	Jydeep Solanki
88	15CL078	Param Patel	Civil	Param Patel
89	15CL121	Arjun Vyas	Civil	Arjun Vyas

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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY  
CHARUSAT CAMPUS, CHANGA

Emission Trading Scheme(ETS) - A Novel Approach Towards Pollution Control"

by

Er. Chirag Bhimani, Deputy Environmental Engineer, GPCB, Gandhinagar

Organized by Civil Engineering Department, CSPIT

August 31, 2017 (Thursday)

Venue: EC/EE Auditorium

2:30 p.m. onwards

ATTENDANCE SHEET FOR STUDENTS

90	15LL123	Patel Rakhi	CIVIL	Rakhi
91	D16CL145	RATKUMAR SHUKLA	CIVIL	R.S.S. Shukla
92	15CL018	Darshan Desai	civil	D. Desai
93	15CL043	Rahul Karamakar	Civil	Rahul
94	15CL038	Kasturaj Jaisankar	Civil-1	Kasturaj
95	15CL020	Subhadradevi Jay	Civil-1	Subh
96	15CL095	Nisha Rakhodiger	Civil-2	Nisha
97	D16CL142	Meghami Ruchita	Civil-2	Meghami
98	D16CL155	Changani Janal	Civil-2	Changani
99	15CL045	Khumbhata Meenam	Civil-1	Khumbhata
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**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY  
(CHARUSAT),  
CHANGA – 388 421**

**Chandubhai S. Patel Institute of Technology**

**M. S. Patel Department of Civil Engineering**

**Event Report**

<b>Name of Event</b> :	Expert Lecture on 'Valuation'
<b>Date and Time of Event</b> :	25 <sup>th</sup> September 2017, 01:00 PM -02:00 PM
<b>Event coordinator</b> :	Megha Desai, Gargi Ray
<b>Resource person details (if any):</b>	Mr. Nihir Dave, Chartered Engineer & Government Approved Valuer, Nihir Dave & Associates

<b>Sr. No.</b>	<b>Name of the resource person</b>	<b>Organization of resource person</b>
1	Mr. Nihir Dave	Nihir Dave & Associates

**Event Schedule:**

<b>Date</b>	<b>Time</b>	<b>Activity</b>
25/09/2017	01:00 PM -02:00 PM	Expert Lecture

**Summary of the Event (Maximum 200 words):**

Valuation is an important part of subject CL412 Professional Practices. Valuation is the process of determining the current worth of an asset or a company. With real estate becoming one of the most coveted investment instruments in the country, the importance of valuation in construction industry is very high.

Mr. Nihir Dave has a wide experience in the field of construction and Valuation. Mr. Nihir Dave is the founder and owner of the reputed Valuation firm 'Nihir Dave & Associates'. His firm has served an illustrative list of clientele like Patel Infrastructures Pvt Ltd, Nesco Ltd,

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CHARUSAT CAMPUS, CHANGA

Rolcon Engineering, Jaypee Cement Industries to name a few. Civil engineering department organized the expert lecture in order to tap Mr. Nihir Dave's expertise in the field for the final year students.

Registration fee ( if any): NIL

No. of Participants: 100

List of Participants: (Attendance sheet attached)

Amount sanctioned by CSPIT/CHARUSAT:

Accounts details:

Sr. No.	Details	Rupees
<b>Income</b>		
1.		NIL
2.		
3.		
<b>Expenses</b>		
1.	Remuneration of 1 hour lecture	1000
2.	Transportation allowance(Anand to Changa)	300
<b>Total</b>		<b>1300</b>

Note – The expert donated the honorarium and TA to Society of Civil Engineering.

Overall impact of workshop: Very Good

Coordinator Sign:


Megha Desai



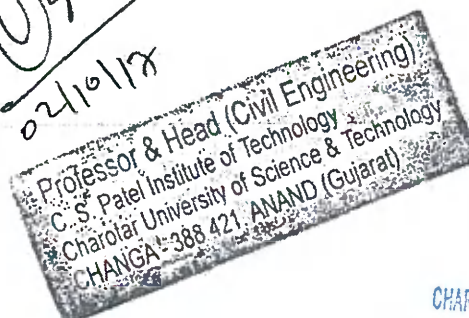
Gargi Ray



Head of Department Sign:



02/10/17



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CHARUSAT UNIVERSITY OF SCIENCE AND  
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Chandubhai S. Patel Institute of Technology

M. S. Patel Department of Civil Engineering

Event Report

Name of Event : Expert Talk; Subject: Irrigation and Hydraulic Structures (7th semester  
of B. Tech Civil Engg.)

Date and Time of Event: 01 September 2017, Friday, 12:00 to 2:00 pm

Event coordinators: Dr. Hiteshri Shastri and Prof. H. J. Dalwadi

Resource person details (if any):

Sr. No.	Name of the resource person	Organization of resource person
1	Dr. Dinesh Patel and Mr. Jignesh Karkar, Manager (Technical Services)	Netafim Irrigation, Vadodara

Event Schedule:

Date	Time	Session	Activity
01 September 2017	12:00 to 2:00 pm	Opportunities & Introduction of Micro Irrigation System (MIS).	Expert Talk

Summary of the Event (Maximum 200 words):

Dr. Dinesh Patel and Mr. Jignesh Karkar have 11 years of experience of large scale installation, management and operation micro irrigation systems under different International, National and of Government of Gujarat operated schemes. Both the experts are very good orator. Experts gave an excellent talk on the opportunities that the passing out students has in the field of micro irrigation. The talk largely helped the students to realize this potential area of employment and provided an insight on the future career opportunity in this area. Further

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the department of civil engineering had a talk with the industry to look forward to collaborate with the Netafim Irrigation for the projects and placement of the final year civil engineering students.

Registration fee (if any):----- No-----

No. of Participants: 41(D2)+51(D2) = 92 Students

List of Participants: Enclosed

Sr. No.	Name of participant	ID No.
1.		
2.		
3.		
4.		

Amount sanctioned by CSPIT/CHARUSAT: 3200/- ( Four thousand only)

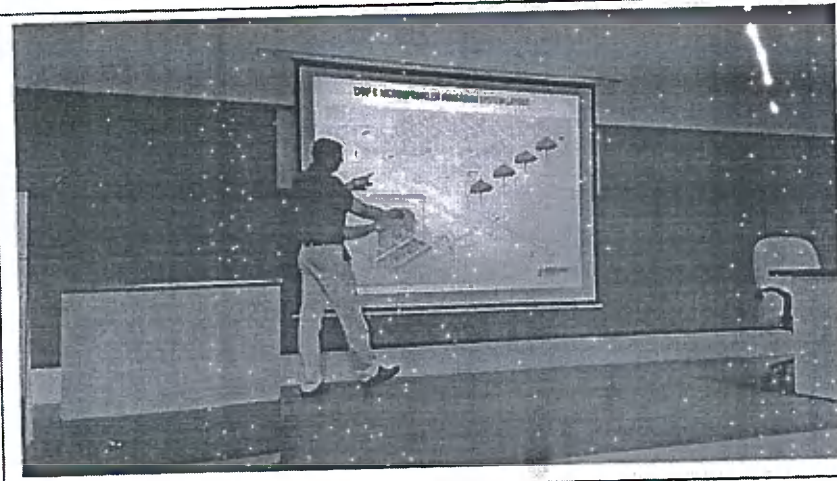
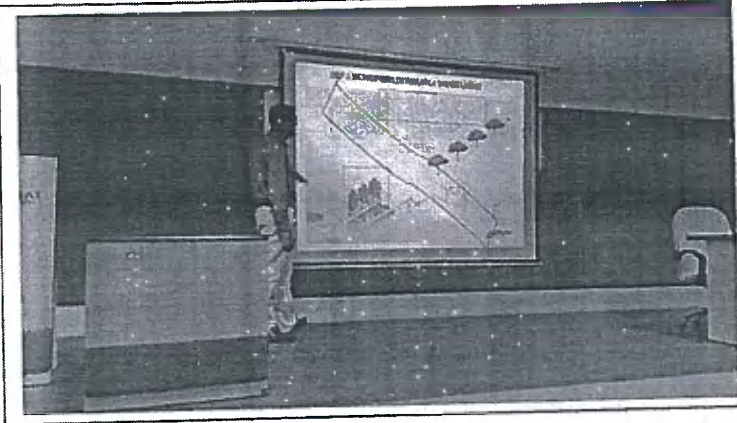
Accounts details:

Sr. No.	Details	Rupees
Income -----NIL-----		
1.		
2.		
3.		
Expenses		
1.	TA	975/-
2.	Remuneration	2000/-
Total		2975/-

Overall impact of workshop: Excellent/Very Good/Good/Average/Poor

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## ATTENDANCE SHEET- Expert Talk

CL 408 :Irrigation and Hydraulic Structures (7<sup>th</sup> semester of B.Tech Civil Engg.) Topic: Opportunities & Introduction of Micro Irrigation System (MIS). By: Dr. Dinesh Patel and Mr. Jignesh Karakr, Netafim Irrigation, Vadodara, 01 September 2017,12:00 to 2:00 pm, RPCP Auditorium

SR. NO	ID NO.	NAME	SIGN
1	14CL070	PATEL JEET DHARMESH	<i>[Signature]</i>
2	14CL072	PATEL MEET RASHMIKANT	<i>[Signature]</i>
3	14CL073	PATEL NEEL SANDIPBHAI	<i>[Signature]</i>
4	14CL075	PATEL POOJA HARESHKUMAR	<i>[Signature]</i>
5	14CL076	PATEL POOJAN HITESHBHAI	<i>[Signature]</i>
6	14CL077	PATEL ROHAN RAJNIKANT	<i>[Signature]</i>
7	14CL078	PATEL RUTVIK KALIDAS	<i>[Signature]</i>
8	14CL079	PATEL SMIT DINESHKUMAR	<i>[Signature]</i>
9	14CL082	PATEL VIRAL PRAVINBHAI	
10	14CL084	POKAR SHYAM RAMANBHAI	<i>[Signature]</i>
11	14CL087	PRANAMI VAIBHAV VALJIBHAI	<i>[Signature]</i>
12	14CL089	GULABSINGH RAJPUT NEHA	<i>[Signature]</i>
13	14CL090	RAMANI SAVAN RAJESHBHAI	<i>[Signature]</i>
14	14CL091	RAMOLIYA YASH JAMANBHAI	<i>[Signature]</i>
15	14CL092	RANA UPASANABEN RAJENDRAKUMAR	<i>[Signature]</i>
16	14CL093	RANPURA BHAGYESH CHETANBHAI	
17	14CL094	RATHOD PARTH MITESH	
18	14CL095	RATHVA ALPESHKUMAR VIKARAMBHAI	<i>[Signature]</i>
19	14CL097	SAGAR DASHRATHKUMAR JAYANTIBHAI	
20	14CL098	SATHVARA PANTH ARVINDBHAI	
21	14CL100	SHAH BHAVMIT ANILKUMAR	
22	14CL101	SHAH VRAJ SANDEEPBHAI	
23	14CL102	SHAH VRUSHANGI MITESH	<i>[Signature]</i>
24	14CL103	SHAMBONI ASHISH KANAIYALAL	
25	14CL104	SONI ARCHIL DILIPBHAI	<i>[Signature]</i>
26	14CL105	SORIYA ADARSH AMRUTBHAI	
27	14CL106	TAILOR BHARGAVKUMAR HARESHBHAI	<i>[Signature]</i>
28	14CL107	DHRUV SANDIPKUMAR TANK	<i>[Signature]</i>
29	14CL108	THAKKAR HAREN HARSHAD	
30	14CL109	TRIVEDI VEDANG BIPINCHANDRA	
31	14CL110	VAGHASIA TANMAY KIRITBHAI	
32	14CL111	VAGHASIYA AKHIL MANJIBHAI	<i>[Signature]</i>
33	14CL112	VAGHASIYA KELVIN ARVINDBHAI	<i>[Signature]</i>
34	14CL113	VAJA YASH HEMANTBHAI	<i>[Signature]</i>
35	14CL114	VEKARIYA SHUBHAMKUMAR BHUPATBHAI	<i>[Signature]</i>
36	14CL115	WADIWALA AAKASH YOGESHBHAI	<i>[Signature]</i>
37	14CL116	YADAV ROMANK KAILASHCHANDRA	<i>[Signature]</i>

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## ATTENDANCE SHEET- Expert Talk

CL 408 :Irrigation and Hydraulic Structures (7<sup>th</sup> semester of B.Tech Civil Engg.) Topic: Opportunities & Introduction of Micro Irrigation System (MIS). By: Dr. Dinesh Patel and Mr. Jignesh Karakr, Netafim Irrigation, Vadodara, 01 September 2017,12:00 to 2:00 pm, RPCP Auditorium

38	14CL117	ZALA MANDIPSINH JITENDRASINH	<i>Mandip</i>
39	D15CL119	BHATT ARPITA SATISHKUMAR	<i>Arpita</i>
40	D15CL120	DODIYA KULDEEPSINH GAMBHIRSINH	<i>Kuldeep</i>
41	D15CL121	KAKADIYA MAYANK JAYESHBHAI	<i>Mayank</i>
42	D15CL122	JADEJA AVINASH SUJANSINH	<i>Avinash</i>
43	D15CL123	BHATTACHARJEE ANIRUDRA GAUTAM	<i>Anirudra</i>
44	D15CL124	KADIVAR YATISH VIMALBHAI	<i>Yatish</i>
45	D15CL125	TRIVEDI NIRAJ RAMJIBHAI	<i>Niraj</i>
46	D15CL126	AGRAWAL RIKESH MOHANBHAI	<i>Rikesh</i>
47	D15CL128	SONI SIDDHARTH KAMALKUMAR	<i>Siddharth</i>
48	D15CL130	PARMAR RONAK PARSHOTAMBHAI	<i>Ronak</i>
49	D15CL131	PATEL HERRICK KAMLESHBHAI	<i>Herrick</i>
50	D15CL132	JOBANPUTRA TARANG JAGDISHBHAI	<i>Tarang</i>
51	D15CL133	SHAH DHAIRYA YOGESHKUMAR	<i>D.S. Shah</i>
52	D15CL134	ASHMANIWALA ISHAN NILESHKUMAR	<i>Ishan</i>
53	D15CL135	KAKADIYA JALPA ASHOKBHAI	<i>Jalpa</i>
54	D15CL136	SONI KEYUR MADHUSUDAN	
55	D15CL138	PATEL ARCHIT DINESHBHAI	
56	D15CL139	MASTER KISHAN RASHESHBHAI	<i>Kishan</i>
57	D15CL141	PATADIYA HARSHIL ASHOKBHAI	<i>Harshil</i>
58	D15CL142	KARKAR RASHMINKUMAR DEVRAJBHAI	<i>Rashmi</i>
59	D15CL143	KAVATHIA PARTH ASHWINBHAI	<i>Parth</i>
60	D15CL144	ZALAVADIYA JAYDEEP NARESHBHAI	<i>Jaydeep</i>
61	D15CL145	PITHADIA RAVI JAGDISHBHAI	<i>Ravi</i>
62	D15CL146	FULETRA AMITKUMAR VASANTLAL	
63	D15CL147	SAKHIYA ANKIT BHUPATBHAI	
64	D15CL149	PATEL MAYANK BHUPENDRABHAI	
65	D15CL150	AGRAWAL AJAY SANJAY	<i>Ajay</i>
66	D15CL152	RAJANI SAHILBHAI HITENDRABHAI	<i>Sahil</i>
67	13CL062	Keval R Parmar	<i>Keval</i>
68	14CL010	Chaudhari Kinnaari D.	<i>Kinnaari</i>
69	14CL045	Machhi Manibhai J.	<i>Manibhai</i>
70	D15CL122	Surefere Desai	<i>Surefere</i>
71	13CL025	Brijesh Dandharejiye	<i>Brijesh</i>

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*[Signature]*  
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## ATTENDANCE SHEET- Expert Talk

CL 408 :Irrigation and Hydraulic Structures (7<sup>th</sup> semester of B.Tech Civil Engg.) Topic: Opportunities & Introduction of Micro Irrigation System (MIS). By: Dr. Dinesh Patel and Mr. Jignesh Karakr, Netafim Irrigation, Vadodara, 01 September 2017, 12:00 to 2:00 pm, RPCP Auditorium

PSR. NO.	ID NO.	NAME	SIGN
1	12CL101	SARVAIYA VIPULBHAI JAYANTIBHAI	
2	13CL072	PATEL HARSHALKUMAR ASHWINBHAI	
3	14CL001	BAKRANIYA ZEN VIPULKUMAR	
4	14CL002	BAMBHANIYA HARDIKKUMAR MADHUBHAI	<i>Zen</i>
5	14CL003	BATHANI JATIN BATUKBHAI	<i>Bathani</i>
6	14CL004	BHADANI RAVI LABHUBHAI	<i>Bhadani</i>
7	14CL005	BHOYE NIKHILBHAI DHANASRAMBHAI	<i>Bhoys</i>
8	14CL006	BHUDIA DIXIT BHIMJI	<i>Bhudia</i>
9	14CL007	BODA RAJKUMAR ASHVINBHAI	<i>Boda</i>
10	14CL008	BRAHMBHATT VRUSHANK MUKESHBHAI	<i>Brahmbhatt</i>
11	14CL009	BUDASANA MILAN CHANDULAL	<i>Budasana</i>
12	14CL010	CHAUDHARI KINNARIBEN DALSHINGBHAI	<i>Chaudhari</i>
13	14CL011	CHAUDHARI KRUNALKUMAR MAHADEVBHAI	<i>K. H. Chaudhari</i>
14	14CL015	CHAUHAN DIVYAPRATAPSIKH DIGPALSINH	<i>Chauhan</i>
15	14CL016	CHAUHAN JAYMIN CHETANBHAI	<i>Chauhan</i>
16	14CL017	CHAVDA SUJEET MAHOBATSANG	<i>Chavda</i>
17	14CL018	CHHAYANI ROMIT JAYESHKUMAR	<i>Chhayani</i>
18	14CL019	CHIKHALIYA KAMAL DILIPBHAI	<i>Chikhalia</i>
19	14CL021	DESAI ASHAY ASHISHKUMAR	<i>Desai</i>
20	14CL022	DESAI CHINMAY PARESHKUMAR	
21	14CL023	DOBARIA JENIL BATUKBHAI	<i>Dobaria</i>
22	14CL025	GANDHI KEYUR NITINKUMAR	<i>K. N. Gandhi</i>
23	14CL026	GHAYAL DARSHAN ASHWINBHAI	<i>Chavane</i>
24	14CL027	GOHIL VISHWAJEETSINH SAHDEVSIKH	<i>Gohil</i>
25	14CL028	GOTI AKSHIL PRAVIBHAI	
26	14CL029	HADWANI ROMIL AJESHKUMAR	
27	14CL030	JAIN HIMANSHU AVINASH	<i>Himanshu</i>
28	14CL031	JAKASANIYA DHRUVIL CHANDULAL	<i>Jakasaniya</i>
29	14CL032	JOSHI RAJAN KAUSHIK	<i>Joshi</i>
30	14CL033	KAKLOTAR RUTVIK GAJENDRABHAI	<i>Kaklotar</i>
31	14CL034	CHIRAG RAMESHBHAI KALSARIYA	<i>Chirag</i>
32	14CL035	KANSARA DHRUV ASHUTOSH	
33	14CL036	KANSARI ABHISHEK KIRITKUMAR	<i>Kansari</i>
34	14CL037	KANSODARIYA MITUL SHARADBHAI	<i>Kansodariya</i>
35	14CL038	KANTARIYA HARDIK RAGHAVBHAI	<i>Kantariya</i>
36	14CL040	KHODIFAD MITUL VITTHALBHAI	<i>H. R. Kantariya</i>
37	14CL041	KUMAR ROHIT JAYANT	<i>Kumar</i>
38	14CL042	LAD AKSHAY RAMESHCHANDRA	
39	14CL043	LADOLA PRADIP JIVRAJBHAI	
40	14CL044	LIMBANI DIGANT JITUBHAI	<i>P. J. Ladola</i>
41	14CL045	MACHHI MANISHABEN JETHABHAI	

**Certified By:**

  
 DR. DINESH PATEL  
 CHARUSAT UNIVERSITY OF SCIENCE AND TECHNOLOGY  
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## ATTENDANCE SHEET- Expert Talk

CL 408 :Irrigation and Hydraulic Structures (7<sup>th</sup> semester of B.Tech Civil Engg.) Topic: Opportunities & Introduction of Micro Irrigation System (MIS). By: Dr. Dinesh Patel and Mr. Jignesh Karakr, Netafim Irrigation, Vadodara, 01 September 2017,12:00 to 2:00 pm, RPCP Auditorium

42	14CL046	MAHERIYA SUNILKUMAR RAMESHBHAI	<i>Sunil</i>
43	14CL047	MANIYAR YASH SANJAYBHAI	<i>Mani</i>
44	14CL048	MARFATIA UMANG MAHESHKUMAR	
45	14CL049	MIRCHANDANI JIGAR VINODKUMAR	<i>Jigar</i>
46	14CL050	MISTRY DHARMINKUMAR BALVANTBHAI	
47	14CL051	MONPARA VIKAS DEVJIBHAI	<i>Vikas</i>
48	14CL052	NAVAPARA RUPESHKUMAR PRAVINKUMAR	<i>Rupesh</i>
49	14CL053	ABHIJEETSINH DIGVIJAYSINH PADHIYAR	<i>Abhi</i>
50	14CL055	PANCHAL AKSHAY RAJUBHAI	
51	14CL056	PARMAR AVINASH RASIKBHAI	
52	14CL057	PARMAR HARSHIL ASHOK	
53	14CL060	PATEL ANANT SURESHCHANDRA	<i>Anant</i>
54	14CL062	DHAIRYA DILIPKUMAR PATEL	<i>Dhairya</i>
55	14CL063	PATEL DHRUV ALPESHKUMAR	<i>Dhruv</i>
56	14CL064	PATEL FAGUN DINESHBHAI	
57	14CL065	PATEL HIM HARSHADBHAI	<i>Him</i>
58	14CL066	PATEL JAY NITINBHAI	<i>Jay</i>
59	14CL068	PATEL JAYMIN RAJESHBHAI	<i>Jaymin</i>
60	14CL069	PATEL JEET BHARATBHAI	
61	D15CL153	PARMAR HARSHKUMAR HASMUKHBHAI	<i>Harsh</i>
62	D15CL154	PATEL KANDARP UMANGBHAI	<i>Kandarp</i>
63	D15CL155	GAJERA VAIDIK JAYANTIBHAI	<i>Vaidik</i>
64	D15CL156	RADHANPURI SADABHUSAIN MOHAMMED SIDDIQ	
65	D15CL157	PRAJAPATI NIRAV ASHOKBHAI	<i>Nirav</i>
66	D15CL158	BHATT GAURANG AJAYBHAI	<i>Gaurang</i>
67	D15CL159	GAJJAR SHUBHAM HITESHKUMAR	<i>Shubham</i>
68	D15CL160	CHAUHAN SMIT GAJENDRABHAI	<i>Smit</i>

**Certified By:**

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CHANGA – 388 421**

**Chandubhai S. Patel Institute of Technology**

**M. S. Patel Department of Civil Engineering**

**Event Report**

Name of Event :	Certificate course on STAAD Pro. and ETABS
Date and Time of Event :	11 <sup>th</sup> May 2018 to 17 <sup>st</sup> May 2018
Event coordinator :	Dipali Patel & Mohammad H. Jinyawala
Resource person details (if any):	Dipali Patel & Mohammad H. Jinyawala

Sr. No.	Name of the resource person	Organization of resource person
1	Dipali Patel	CHARUSAT
2	Mohammad H. Jinyawala	CHARUSAT

**Event Schedule:**

Date	Time	Activity
11/05/2018 – 17/05/2018	9:00 to 04:30	Hands on training on software

**Summary of the Event (Maximum 200 words):**

A six days software certificate course on STAAD.Pro and ETABS was organized by M. S. Patel Department of Civil Engineering, CSPIT, CHARUSAT from 11th May to 17th May 2018. Civil engineering is an extensive field where number of companies are working in different areas like planning, designing, construction,

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management etc. Software skills are highly sought after skills in the industry today. The main objective of the workshop was to make the students aware about the advanced technology being used in civil engineering field and thus fill the gap between industrial demand and the academic supply.

The topics like modelling of beam, plane frame, space frame and Industrial building were explained with the application of primary loads and secondary loads including Earthquake load and wind load. Also the design of steel structures and RCC structure were explained in detail. The students gained the skill of modeling, analyzing and designing the structures with the help of softwares.

#### Course Outcome:

After successful completion of course:

- > Students will be able to model the space frame / real building using STAAD Pro. and ETABS software
- > Students will be able to design the structures for primary and secondary loads.

Registration fee (if any): Rs. 3000

No. of Entries: 12

List of Participants: (Find Enclosure)

Amount sanctioned by CSPIT/CHARUSAT: Nil

Overall impact of workshop: Very Good

Coordinator Sign: Dipali Patel



Head of Department Sign:



Certified By:

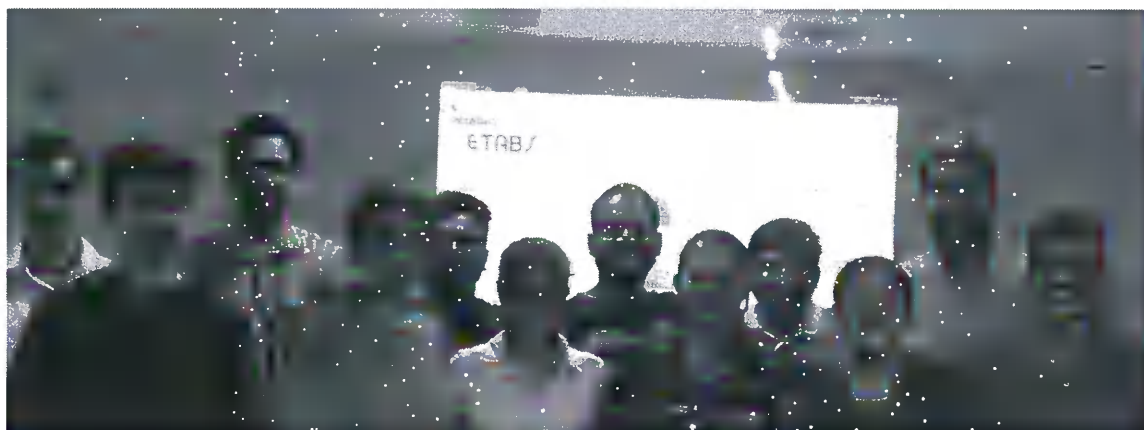
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CHARUSAT CAMPUS, CHANGA

### List of Entries

ID No.	Your Full Name
15CL122	Zaveri Vikhyati
D16CL132	Tej Chavda
16CL106	Nikhil Wadhvani
16CL083	Jayrajsinh Rathod
D16CL147	Gohil Manish
D16CL152	Yash Patel
15CL019	Manal Desai
15CL034	Dharamaraj Hindustani
D16CL137	Jatin Bhanushali
14CL089	Neha Rajput
15CL040	Darshil Kalariya
15CL041	Darshit Kalavadia

Event Photograph:



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