

**Nirma University
Institute of Technology
Civil Department**

**Feedback On
Design and Review of Syllabus
(NAAC point 1.4.1 and 1.4.2)**

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Part - A

Stakeholder Feedback Analysis & Action Taken Report

**Nirma University
Institute of Technology
School of Engineering
Civil Engineering Department**

Part A: Stakeholder Feedback Analysis & Action Taken Report

Name of Department/Institute: Civil Engineering, School of Engineering, Institute of Technology.

Name of Programme: B. Tech. in Civil Engineering and M. Tech. in Civil Engineering.

Academic Year 2019-20

Sr. No.	Name, Affiliation and Contact Details of Stakeholders consulted (Students, Teachers, Employers, Alumni, Parents & Others)	Details of Feedback Received for design and review of syllabus	Remarks/Action Taken
1	Mr. Dishant Balu Project Manager, Adani Real Estate Company Limited, Project Engineer	Exposure to various software like STAAD Pro., Primavera, MS Project and AutoCAD is essential	Suggestions is incorporated in proposed work plan of Minor Project course for M. Tech. (CASAD) semester II.
2	Kavach Mishra Research Scholar, Geomatics Engineering Lab, Civil Engineering Department, IIT Roorkee	Suggested to offer a non-credit course on Cyber Law and Security and/or Intellectual Property Rights (IPR)	Topics are incorporated in proposed course of Research Methodology and IPR for M. Tech.-CASAD (Civil Engineering)
3	Sagar Radadiya Engineer, Surat Municipality	Pavement design as per IRC may be covered more in depth	Topic is added in course of Transportation Engineering for B. Tech. semester IV from AY 2018-19.)
		Exposure to software like – AutoCAD, MX Roads, Civil 3D can be included through courses.	(Suggestions is incorporated in proposed work plan of Minor Project course for M. Tech. -CASAD (Civil Engineering).
		Letter drafting skills need to be improved.	Topic is considered in course of Communication Skills and Technical writing for M. Tech. -CASAD (Civil Engineering).



Dr. Urmil V. Dave

Academic Year 2018-19

Sr. No.	Name, Affiliation and Contact Details of Stakeholders consulted (Students, Teachers, Employers, Alumni, Parents & Others)	Details of Feedback Received for design and review of syllabus	Remarks/Action Taken
1	Dr. Daniel Abrams, Emeritus Professor in Structural Engineering Department of Civil Engineering, University of Illinois at Urbana-Champaign (UIUC), USA	Topics on Masonry Structural System may be included in core course or an elective course	Elective Course of Design of Masonry Structures is added for M. Tech.-CASAD (Civil Engineering)).
2	Prof. V. R. Shah Director Vinod Shah Consulting Engineers Pvt. Ltd. Ahmedabad	Students should be taught History, History of Technology etc	Not Considered
3	Shri. Jitendra Thakur Deputy General Manager- Engg. Management Hindustan Construction Company Ltd. Mumbai	Course of Geology and Geotechnical Engineering may be parted in an individual courses with 3 credit each.	Not Considered
		Credit of course Foundation Engineering can be 3. Topic on underground metro may be added.	Not Considered
		Course on Rock Mechanics may be offered as compulsory Elective that includes Tunnels, Caverns etc.	Not Considered
		Elective course that covers Design of Enabling Works like Shuttering, Formwork etc may be offered.	Not Considered



Dr. Urmil V. Dave

		Credit of course on Estimation & Costing may be reduced.	Not Considered
4	Dr. Ajay Chourasia Principal Scientist CSIR-Central Building Research Institute Roorkee	An elective course on Pre-engineered/ Prefab/ Precast technology can be added in the pool of elective courses.	Topic is added in elective course of Industrial Structures for M. Tech.-CASAD (Civil Engineering).
5	Dr. Sukhdeo R. Karade Sr. Principal Scientist and Co-ordinator (AcSIR) Central Building Research Institute (CSIR-CBRI), Roorkee	UG- CL302 Building Construction Materials – Inclusion of topics like Recycled Aggregate, Clay-fly ash and Fly-ash Bricks, Eco-friendly Cement/Binders, Composites, Wood substitutes, Performance and Durability of Engg. Materials to fire, chemicals etc. Introduction to life cycle analysis	Selected topics are included in course of Construction Material for B. Tech. semester III from AY 2018-19.
		UG- CL305 Concrete Technology – Inclusion of topics like Corrosion Inhibitors, Self-compacting Concrete, Pervious Concrete and Geopolymer Concrete	Topic is added in course of Construction Material for B. Tech. semester III from AY 2018-19.
		PG- CL1105 Advanced Materials – Inclusion of topics like Nano Silica, Latex, Corrosion Inhibitors, Compatibility of Repair Materials	Topics are considered in subject of Advanced Concrete Technology for M.Tech.-CASAD(Civil Engineering).
		PG- CL1106 Numerical Methods in Engineering - Inclusion of topics like Fuzzy Logic, ANN	Not Considered
		PG- 3SP1204 Research Methodology - Inclusion of topics like Ethics in Research, Plagiarism, Writing Research Proposals. Rigorous literature review and identification of problem should be learnt by the student through Seminar and Mini, Minor and Major Project	Topics are incorporated in proposed course of Research Methodology and IPR for M. Tech.-CASAD (Civil Engineering).



Dr. Urmil V. Dave

6	Mr. Gourang Bhavsar Engineer HiTech Engineers	Students should be taught AutoCAD and software like MS project.	Methodology is added in Course of Civil Engineering Drawing and Building Planning for B. Tech. Semester IV AY 2018-19.
7	Ms. Megha Vyas Director Electra Techno Consultants & Associates	Topics on Hydraulics, 3D civil software, Building services, Infrastructure services may be included.	Not Considered
		Topics related to Water chemistry, Water bio-technology, Latest Fire protection services may be included.	Feedback is considered partially in the course of Construction Technology for B. Tech. semester V students from AY 2019-20.
8	Harsh Rathod PhD Research Scholar University of Victoria, Canada	Research/Academic Writing - Course on Research Methodology in the curriculum should focus on following topics – (i) Publishing article in high impact factor journal (ii) What is a good literature search? (iii) Importance of visuals and interactive charts in the research article (iv) Consequences of plagiarism etc.	Topics are incorporated in proposed course of Research Methodology and IPR for M. Tech.-CASAD (Civil Engineering).
9	Heer Shah (17BCL106) Vishal Shah(parent) DGM & Quality Head, Kalpataru Power Transmission Ltd.	In the course of Building Planning along with basic building planning, planning of Green Field Project (Industrial) may be added.	Not Considered
		In the course of Concrete Technology, Aggregates from other sources like Iron, Steel Slag, Copper Slag and Construction & Demolition (C&D) may be added.	Topic is added in course of Construction Material for B. Tech. semester III from AY 2018-19.
		Application of surveying in construction like setting out in highways (plus cutting & filling), transmission lines etc. may be added.	Topic is added in course of Surveying for B. Tech. semester III from AY 2018-19.



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		In the course of Transportation Engineering, Introduction to Railway Engineering - basics of Over Head Electrification (OHE) and Signalling & Telecommunication (S&T) may be added.	Topic is added in course of Transportation Engineering for B. Tech. semester IV from AY 2018-19.
10	Ghetia Anandkumar Hareshbhai (16BCL157) Engineer Ghetia Hareshbhai L.	Topic on Advances of Concrete Technology may be added. Course of Pavement Design may be included.	Topic is added in course of Construction Material for B. Tech. semester III from AY 2018-19. Topic is added in course of Transportation Engineering for B. Tech. semester IV from AY 2018-19.

Academic Year 2017-18

Sr. No.	Name, Affiliation and Contact Details of Stakeholders consulted (Students, Teachers, Employers, Alumni, Parents & Others)	Details of Feedback Received for design and review of syllabus	Remarks/Action Taken
1	Shri. Shailesh Desai Chief Engineer, Government of Gujarat & Chairman, Institute of Engineers (India)	Subject on MEP may be introduced	Topic is considered in conduct of Fractional course (SP501) for B. Tech. civil semester V
2	Patel Mayurkumar Dilipbhai Patel Dilipbhai C.(parent) Senior Engineer, Aakash Developers	Subject of Environmental Engineering – 2 needs a revision.	Revision will be considered in course of Environmental Engineering in future revision
3	Dipesh Tariya (13BCL113) Preparing for GPSC	Give more credits to Mini Project I and Mini Project II	Not Considered

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Academic Year 2016-17

Sr. No.	Name, Affiliation and Contact Details of Stakeholders consulted (Students, Teachers, Employers, Alumni, Parents & Others)	Details of Feedback Received for design and review of syllabus	Remarks/Action Taken
1	Dr. Ajay Chourasia, Principal Scientist Secretary, Indian Society of Earthquake Technology CSIR- CBRI(Central Building Research Institute)Roorkee	A few courses combining numerical and experimental work need to be planned having application at field	Course of Experimental Techniques in Structural Engineering under Minor Specialization in Structural Engineering is added for B. Tech. Civil in AY 2016-17.
		Disaster Resistant Structures (Multi-hazard)	Not Considered
2	Mr. Yatin Patel Sr. Engineer M. S. KHURANA ENGINEERING LTD.	Student should be sent to site in every semester not only for final semester.	Feedback has been considered in academic year 2015-16.
3	CHIRAG PATEL Project manager PSP Projects Pvt.Ltd	Include software training of BIM, M.S. Project, Primavera etc.	Feedback has been considered in academic year 2015-16.
4	MONALI KHUNT ASSISTENT PROJECT CO-ORDINATE JP ISCON PVT. LTD.	Construction Site Management and Safety management	Topic is added in course of Construction Project Management (CL701) for B. Tech. semester VII.
		Some subject should be covered in which laws and regulation related to civil must be covered in detail.	Not Considered
		Use of MATLAB being scientific tool to solve problem and to represent data to be included as a	Scope is considered in courses of Major Project work for M. Tech. (CASAD) effective from 2019-20

		subtask of syllabus.	
5	Aditya Bakrania (15BCL152) Chetankumar Bakrania	Professional and Ethical Practice Information to be imparted.	Topic is considered in course Professional Practices (CL702) for semester VII.

Academic Year 2015-16

Sr. No.	Name, Affiliation and Contact Details of Stakeholders consulted (Students, Teachers, Employers, Alumni, Parents & Others)	Details of Feedback Received for design and review of syllabus	Remarks/Action Taken
1	Manan Shah, Project Engineer Bakeri Engineering and Infrastructure Limited	Green Building Technology Safety Management	Topic is added in elective of Sustainable Building Technologies (CL631) for B. Tech. Civil semester VI.
		Use of STAAD-Pro and other similar Software	Topic is added in subject of Minor Project for M. Tech. (CASAD) sem.-II in AY 2019-20.
2	Rajiv Maheshvari, Project Manager H.N. Safal Realty Pvt. Ltd.	Duration of Site training must be 6 months.	Full semester course of Major Project (CL801) is added for B. Tech. Civil in AY 2016-17.
		Construction Site Management	Topics is added in subject of Construction Project Management (CL701) for B. Tech. semester VII.
		Subjects related to Laws and Regulation in Civil Works	Topic is added in course of Law for Engineers (SS562) for B. Tech. semester VII
3	Mr. Yatin Patel, Sr. Engineer M. S. Khurana Engineering Limited	Student should be sent to site in each semester	Course of Practical Training (SP701) is added for B. Tech. Civil in AY 2017-18.
		Advanced Technology and Management Skill in Construction Field Urban planning	Topics is added in course of Advanced Construction (CL505) for B. Tech. semester V.
4	Mr. Chirag Patel PSP Pvt. Ltd.	Subject related Irrigation Field	Course of Water Resources & Irrigation (CL502) is offered to B. Tech. Civil Engineering semester V.
5	Dr Rajeev Kumar Garg,	Subject on Extreme event can be	Course of Blast Resistant Design and Structure is offered to M. Tech. (CASAD)

Senior Principal Scientist and HOD- Bridges and Structures Division CSIR-CRRI (Central Road Research Institute)	introduced.	from AY 2019-20.
	Course CL1101 on Advanced structural mechanics should include topics on material modelling, nonlinear behaviour.	Topics is added in course of Advanced structural mechanics in M. Tech. (CASAD) semester I.
	Course CL1103 on structural dynamics should include topics on Noise, Vibration and harshness (NVH) and design noise barrier etc.	Not Considered



Dr. Urmil V. Dave

Professor and Head,

Civil Engineering Department

Part - B

Filled Feedback Forms by Various Stakeholders

(Alumni, Students, Teachers, Employers and Parents)

Note: It is not compulsory for students to disclose their identity while giving the feedback

Feedback Professional/Academician 2019-20

Digesh Joshi <digesh.joshi@nirmauni.ac.in>



Your valuable feedback and suggestions are requested about academic curriculum of UG and PG program

Abrams, Daniel P <d-abrams@illinois.edu>

Thu, Nov 28, 2019 at 3:44 AM

To: Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Cc: Prof URMIL DAVE <urmil.dave@nirmauni.ac.in>, "Head Civil Engineering Department, IT-NU" <hod_civil.it@nirmauni.ac.in>

Dear Digesh:

Thank you for writing to me and presenting your proposed revisions to the curricula in Civil Engineering at Nirma University. I have spent some time reviewing them and have summarized my comments on the attached file. Please feel free to share these comments as needed.

With best regards,

Dan Abrams

Daniel P. Abrams
Emeritus Professor of Structural Engineering
University of Illinois at Urbana-Champaign
mobile: 217-649-0334
email: d-abrams@illinois.edu

On Nov 10, 2019, at 3:35 AM, Digesh Joshi <digesh.joshi@nirmauni.ac.in> wrote:

To,
Prof. Daniel Abrams,

Respected Sir,

Greetings of the day!

Hope you are fine and healthy.

Sir, Civil Engineering Department is under the process of revising curriculum of UG (Civil Engineering) and PG (Computer Aided Structural Analysis and Design) programs, considering AICTE model curriculum published in 2018 and curriculum of other reputed Institutions.

Being one of the important stakeholders of Nirma University, **we would like to share the draft curriculum of UG and PG programs and request you to give your valuable suggestions and feedback for the same.**

Further, we would like to share that Civil Engineering Department has implemented Outcome Based Education (OBE), which is the student centred learning philosophy that focuses on empirically measuring student performance, which are called outcomes. The key constituents of OBE are Vision and Mission of the Institute and Department, Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs).

As a part of implementing the OBE, each course of a program has well defined Course Outcomes (COs), which are mapped with Program Outcomes (POs) and Program Specific Outcomes (PSOs).

We would also like to share with you the Vision and Mission statements of the Civil Engineering Department prepared in line with the Vision and Mission statements of the Institute. Information regarding PEOs, POs

A handwritten signature in black ink, appearing to read "U V Dave", enclosed in a hand-drawn oval.

Dr. Urmil V. Dave

and PSOs of the department is also being communicated to you. Any feedback from you regarding possible modifications in Vision and Mission statements, PEOs, POs and PSOs will be greatly appreciated.

Your suggestions are always welcome for betterment of academic activities of the Department of Civil Engineering.

Looking forward to receive your feedback and suggestions soon.

Thanks and Regards,

--

Digesh D. Joshi
Ph.D.
Assistant Professor
Civil Engineering Department
School of Engineering, Institute of Technology
Nirma University
Ahmedabad - 382481.
Phone: 079 - 71652 234

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<B. Tech. Civil Engg - Course Structure and Syllabus.pdf><M. Tech. (CASAD) - Course Structure and Curriculum.pdf><Vision & Mission Statement, PEOs, POs & PSOs.pdf><Leaflet - Civil Engineering Department.pdf>



Nirma curriculum review.pdf
96K



Dr. Urmil V. Dave

Comments on Proposed Academic Program in Civil Engineering at Nirma University

by

Daniel P. Abrams
Emeritus Professor of Structural Engineering
University of Illinois at Urbana-Champaign

Thank you for inviting me to review your draft curriculum in civil engineering. I have read through the materials you sent me and have the following comments.

Vision and Mission Statements

The compilation of vision and mission statements, objectives and outcomes is well thought out and articulates the goals of the proposed academic program in a general sense. However, the tone appears overly general in my opinion. For example, the vision statement for the Institute is very broad - "Shaping a better future for mankind by developing effective individuals" could apply to just about any endeavor. Furthermore, the mission statements for the Institute are overly general and read more like goals than how the vision will be met.

The vision statement for the civil engineering department is more specific though "*..contribution for the betterment of the society*" is again somewhat general since one would assume that this goal is implied and obvious. Moreover these words are repeated in the mission statement which is unnecessary.

Also, whereas the vision to be known as an internationally acclaimed centre is specific and a worthy objective, it is secondary. Rather, the vision should be directed at quality education of students rather than building esteem of the department. International acclaim will follow when the world becomes aware of Nirma graduates, and therefore does not need to be stated as a primary vision.

Program Educational Objectives

The listing for four PEOs is very good and should help instructors follow the right path to these objectives and for prospective students to get a notion of the type of education they will be receiving. However, the objectives could carry more weight if they were more specific. For example, objectives are stated to prepare graduates in four ways: to be successful, to contribute to society, to achieve peer recognition, and to pursue life-long learning. These are goals of nearly any program. A more specific objective would be "to develop the best civil engineers in the country with a highly recognized practical expertise in design and renewal of the infrastructure." I give this as an example of how a more specific objective can stimulate students and faculty towards a common theme and to contrast with the four listed objectives. Of course, there are many other objectives that the department may wish to establish.

Program Outcomes

The listing of twelve outcomes is well assembled. I suggest that the word "complex" be limited to only one or two of the outcomes rather than five of them as written. Otherwise everything seems complex, when in fact solution of simple problems can be more educational.

Also, I would have liked to see an outcome that says that the program strives to develop practical engineers of value to the profession. For example, are your students unique in the sense that they can visualize an engineering problem and have the practicality to make a sensible solution. Engineering



Dr. Urmil V. Dave

consulting firms are looking for young engineers with such practical insights. These can be developed with your internship program.

Bachelor of Technology Curriculum

The listing of courses and credit hours by lecture, tutorials and projects is very specific and well done. However, I did not understand what the footnote on page 2 refers to: what are Divisions A to G and H to N? Also, I could not discern how the totals of hours in each column were summed. Perhaps this is obvious to the authors of this draft, but external people would have difficulties.

The undergraduate program is quite compressed relative to what we have at UIUC. This is done to free up time in the fourth year for elective courses and internships. Whereas I like this novel approach, I am concerned how students will digest this accelerated delivery of course material. With approximately six challenging courses per semester, students will be overloaded. This proposed new curriculum could be overly demanding for students and affect the depth of their learning. Monitoring of student retention over time should be evaluated to confirm whether the enhanced course loads are beneficial to the student's education.

Master of Technology in Computer Aided Structural Analysis and Design

The first year of the proposed curriculum is similar to our MSCE program at UIUC where students take nine courses over two or three semesters. The offering of structural engineering courses is almost identical to our first-year graduate courses. The major difference is that your program has a second year which is all project oriented. We would consider such a project as a MS thesis which is a second option to our coursework-only MS degree. Very few of our students opt to do a thesis, but those that do, obtain a much more thorough education. However, because external funding is often necessary for students to do their research, the non-thesis option is selected by the majority of our self-funded students. I suspect that this situation is different at Nirma University.

I suggest that the two-year Master program be offered as long as student demand for it is high. The value of the self-study project in the second year should be promoted to both students and industry. Partners from consulting firms and other engineering organizations should be identified who can actively participate in these projects. This will be attractive to both students and industry for later recruitment of graduates.

The title of the program suggested to me that it would be a blend of computer science and structural engineering. But after reading through the material, I realized that it is just on structural engineering, which is fine. The title could be revised to "Master of Technology in Structural Engineering" without a loss of meaning. In today's world, almost everything is "computer aided" including door bells and smart phones, yet we do not say "computer aided" to preface whatever we are talking about. Also "structural analysis" should not be taught solely for its own purpose, but to engineer structures. Thus, I prefer naming the program as one in "Structural Engineering.

Concluding Remarks

The proposed changes to the Civil Engineering curricula are well envisioned and should make a difference for the better in the education of Nirma civil engineering students. It will be interesting to see how well faculty and students adapt to it.



Dr. Urmil V. Dave



Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Fwd: Requesting your feedback on Curriculum

Hasan Rangwala <hasan.rangwala@nirmauni.ac.in>

Mon, Feb 10, 2020 at 5:00 PM

To: Utsav Koshti <utsav.koshti@nirmauni.ac.in>, Digesh Joshi <digesh.joshi@nirmauni.ac.in>

For Information

With regards,

Dr Hasan M Rangwala
Assistant Professor
Department of Civil Engineering
School of Engineering
Institute of Technology
Nirma University
S.G. Highway,
Ahmedabad -382 481

----- Forwarded message -----

From: **Debasis Sarkar** <Debasis.Sarkar@sot.pdpu.ac.in>

Date: Mon, 10 Feb 2020 at 11:02

Subject: RE: Requesting your feedback on Curriculum

To: Hasan Rangwala <hasan.rangwala@nirmauni.ac.in>

Cc: parul.patel@nirmauni.ac.in <parul.patel@nirmauni.ac.in>, urmil.dave@nirmauni.ac.in <urmil.dave@nirmauni.ac.in>

Dear Sir,

Overall the curriculum is well designed. However following observations may be looked into:

(1) For Construction Project Management course in a single course benefit cost analysis, owning & operating cost computation, application of time value of money, CPM , PERT may not be feasible. It may create additional stress on the students. But CPM, PERT is mandatory.

(2) Elective on Construction Equipments & Methods may be floated in Sem VII (owning & operating costs of equipments are integral part of it)

(3) For Construction Technology course Metro rail construction technologies (underground & elevated) may be incorporated as case studies

(4) For Sustainable Building Technology course Building Information Modeling (BIM) applications may be introduced.

Thanks & regards,
Dr. Debasis Sarkar

From: Hasan Rangwala [hasan.rangwala@nirmauni.ac.in]

Sent: Monday, February 03, 2020 5:09 PM

To: Debasis Sarkar

Cc: Prof Parul Patel; Urmil Dave

Subject: Requesting your feedback on Curriculum

Respected Sir,

Dr. Urmil V. Dave

This mail has a reference to your telephonic talk with Dr. Parul Patel, requesting your feedback on curriculum.

As you are aware, AICTE has designed model curriculum for under graduate programme in Engineering for maintaining quality of education across the country as well as to improve the employability of graduates through appropriate skill development. AICTE has published model Curriculum in January 2018. Major emphasis in revision of curriculum is to provide flexibility through offering more elective courses, industry internship, and project. AICTE has proposed 160 credits for four year degree programme.

Nirma University has also initiated process for revision in curriculum of undergraduate programmes in Engineering. Referring AICTE model curriculum as well as curriculum of reputed engineering Institutes (Nationally & Internationally), the revision in present curriculum of B. Tech. (Civil Engineering) is proposed. Curriculum of B. Tech. semester I to IV is already notified. The Civil Engineering Department has also prepared draft of course structure and syllabus for courses to be taught in B. Tech. semester V to VIII.

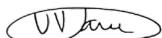
Detailed course structure for B. Tech. Semester I to VIII and detailed syllabus for Core and Elective Courses on Construction Technology and Management as well as Infrastructure Engineering offered in Semester V to VIII are attached herewith

Your feedback is requested regarding proposed curriculum.

With regards,

Dr Hasan M Rangwala
Assistant Professor
Department of Civil Engineering
School of Engineering
Institute of Technology
Nirma University
S.G. Highway,
Ahmedabad -382 481

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Dr. Urmil V. Dave

Professor and Head,

Civil Engineering Department



Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Request for your valuable feedback and suggestions about Academic Curriculum of UG program

Sharma, Deepak <dsharma@fullerton.edu>

Fri, Jan 15, 2021 at 2:41 PM

To: "Dr. Urmil Dave" <hod_civil.it@nirmauni.ac.in>

Cc: Prof Parul Patel <parul.patel@nirmauni.ac.in>, Urmil Dave <urmil.dave@nirmauni.ac.in>, Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Dear Prof. Dave,

Thanks for sharing the details and giving me the opportunity to contribute. As I went through some of the courses and they look developed with a deep thought.

But one thing I believe is still not clear. How will the department evaluate the student outcomes? Will the course grades be considered as outcomes or will there be outcome measurement questions.

Here in the US (in business and engineering schools) each course will have some specific learning outcome(s), called Student Outcome (SO). A student outcome could be covering very specific outcome for example, teamwork. Courses do not have all content promoting teamwork. Only a few examples/part of project/presentation can have teamwork. So we create specific questions/quizzes/homework/exam parts that enable measuring teamwork. For each of those questions a rubric is developed and that rubric is used to measure SO. The SOs are then reported to accrediting bodies. So one thing that was missing was those questions and the rubric.

Also, developing a chart as shown below might be a good tool to communicate the department's courses and outcomes being covered. Please see the following table.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Courses	SO1	SO2	SO3	SO4	SO5	SO6	SO7	SO8	SO9	SO10	SO11	SO12
	...												
	...												
	...												
2	2CL3XX												
3	2CL3XX	✓				✓							
4	2CL3XX		✓										
5	2CL3XX			✓					✓				
6	2CL4XX						✓						
7	2CL4XX										✓		
8	2CL4XX			✓									
9	...												

I hope the suggestions are useful. **If you want me to look at specific things in details please feel free**

to direct me towards that side and I will be happy to help you out.

Sincerely,

Deepak

Deepak Sharma, PhD

Associate Professor

Department of Civil and Environmental Engineering

California State University Fullerton

Phone: 657-278-3450

From: Dr. Urmil Dave <hod_civil.it@nirmauni.ac.in>

Sent: Wednesday, January 13, 2021 1:51 AM

To: Sharma, Deepak <dsharma@Fullerton.edu>

Cc: Prof Parul Patel <parul.patel@nirmauni.ac.in>; Urmil Dave <urmil.dave@nirmauni.ac.in>; Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Subject: [External] Request for your valuable feedback and suggestions about Academic Curriculum of UG program

CAUTION: This email originated from outside our campus email system. Do not click links or open attachments unless you can confirm the sender and know the content is safe.

To,

Dr. Deepak Sharma

Associate Professor,

Civil and Environmental Engineering Department,

College of Engineering and Computer Science

California State University,

800 N State College Blvd, Fullerton,

CA 92831, United States

Respected Sir,

Greetings!



Dr. Urmil V. Dave

Civil Engineering Department is thriving hard to make the Department 'synonymous with learning'. Department aims to endow the students with a perfect synthesis of technology, human values and professional ethics. Department is ever evolving with upgradation in the academic curriculum to be at par with national and global academic fraternity. The department has revised the curriculum of UG (Civil Engineering) considering the AICTE model curriculum published in 2018 and curriculum of other reputed Institutions.

Being one of the important stakeholders of Nirma University, **we would like to share the curriculum of UG program and request you to give your valuable suggestions and feedback for the same.**

Further, we would like to share that the Civil Engineering Department has implemented Outcome Based Education (OBE), which is the student centred learning philosophy that focuses on empirically measuring student performance, which are called outcomes. The key constituents of OBE are Vision and Mission of the Institute and Department, Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs).

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Your suggestions are always welcome for betterment of academic activities of the Department of Civil Engineering.

Looking forward to receive your feedback and suggestions soon,

Thanks and Regards,

Enclosures:

1. Course Structure and Curriculum of UG program (Civil Engineering) - w.e.f. academic year 2018-19 onwards
2. Vision and Mission Statement of Institute & Department, PEOs, POs and PSOs
3. Civil Engineering Department Leaflet

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Dr. Urmil V. Dave

--

Dr Urmil V Dave

Professor and Head,
Department of Civil Engineering

Institute of Technology,
Nirma University,
[Sarkhej-Gandhinagar Highway](#),
Ahmedabad- 382 481,
Gujarat, INDIA
Office# 91-79-71652-211

Cell# 91-9427022244

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Dr. Urmil V. Dave

Requesting your feedback on Curriculum

GAURANG JOSHI <gjsvnit92@gmail.com>
To: Hasan Rangwala <hasan.rangwala@nirmauni.ac.in>
Cc: Urmil Dave <urmil.dave@nirmauni.ac.in>

11 February 2020 at 15:07

Dear Hasan,

Following are the comments/ suggestions for the syllabus/ curriculum:

1. Prerequisite for each course should be mentioned.
2. Course outcomes should be mentioned for each course.
3. References should include edition and year of publication.
4. A module on Highway / Transport Planning should be included in core course of Transportation Engineering.
5. A module on pavement maintenance and evaluation should be included.
6. Traffic forecasting should be included in elective course of traffic Engineering.
7. List of practicals should be included wherever it's part of a teaching scheme.
8. Sr. Number of IS / IRC codes must be given rather than ' relevant' codes.
9. Soil stabilisation should be included appropriately in core/ elective course.

Regards,

gj

On Mon, Feb 3, 2020, 3:46 PM Hasan Rangwala <hasan.rangwala@nirmauni.ac.in> wrote:

[Quoted text hidden]



Dr. Urmil V. Dave



Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Request for your valuable feedback and suggestions about Academic Curriculum of UG and PG programme

Dr. Urmil Dave <hod_civil.it@nirmauni.ac.in>
To: Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Fri, Nov 8, 2019 at 12:51 PM

----- Forwarded message -----

From: **Abhijit Mondal** <mondal.ce@gmail.com>

Date: Fri, Nov 8, 2019 at 12:48 PM

Subject: Re: Request for your valuable feedback and suggestions about Academic Curriculum of UG and PG programme

To: Dr. Urmil Dave <hod_civil.it@nirmauni.ac.in>

Dear Sir/Madam,

I have gone through UG curriculum in detail. I appreciate that the the syllabus is well designed covering all aspect of Civil Engineering. I am suggesting following facts:

1. 2CL303 Construction material: Topic on advance construction material may be incorporated in detail syllabus due to vast change in material consumption pattern by Civil Industry.
2. 2CL403 Construction technology: Field visit (at near by construction site) may be carried out in Laboratory schedule in order to impart industrial knowledge to the budding Engineer.
3. 2CL405 Transportation Engineering: Intelligent Transportation System may be included under the head of traffic engineering and control.

Thanking you.

Regards,

Abhijit Mondal

**Assistant Professor, Dept. of Civil Engineering, Aliah University (Under state Govt. of West Bengal)
New Town, Action Area-II A/27 Kolkata-700160, India**

On Fri, Nov 8, 2019 at 12:13 PM Dr. Urmil Dave <hod_civil.it@nirmauni.ac.in> wrote:

Dear Sir/Madam,

Greetings!

Civil Engineering Department is thriving hard to make the Department 'synonymous with learning'. Department aims to endow the students with a perfect synthesis of technology, human values and professional ethics. Department is ever evolving with upgradation in academic curriculum to be at par with national and global academic fraternity. Department is under the process of revising curriculum of UG (Civil Engineering) and PG (Computer Aided Structural Analysis and Design) programs, considering AICTE model curriculum published in 2018 and curriculum of other reputed Institutions.

Being one of the important stakeholders of Nirma University, **we would like to share the draft curriculum of UG and PG programs and request you to give your valuable suggestions and feedback for the same.**

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Dr. Urmil V. Dave

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Dr Urmil V Dave
Professor and Head,
Department of Civil Engineering
Institute of Technology,
Nirma University,
Sarkhej-Gandhinagar Highway,
Ahmedabad- 382 481,
Gujarat, INDIA
Office# 91-79-30642-211
Cell# 91-9427022244
Fax# 91-2717-241917

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Dr. Urmil V. Dave

Dr Urmil V Dave
Professor and Head,
Department of Civil Engineering
Institute of Technology,
Nirma University,
Sarkhej-Gandhinagar Highway,
Ahmedabad- 382 481,
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Dr. Urmil V. Dave



Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Fwd: Request for your valuable feedback and suggestions about Academic Curriculum of UG and PG programme

Urmil Dave <urmil.dave@nirmauni.ac.in>
To: Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Sun, Nov 10, 2019 at 11:38 AM

Sent from my iPhone

Begin forwarded message:

From: Amirtham Rajagopal <rajagopal@iith.ac.in>
Date: 10 November 2019 at 11:21:38 IST
To: "Dr. Urmil Dave" <hod_civil.it@nirmauni.ac.in>
Cc: Prof URMIL DAVE <urmil.dave@nirmauni.ac.in>
Subject: Re: Request for your valuable feedback and suggestions about Academic Curriculum of UG and PG programme

Dear sir

In MTech program which is Computer Aided Structural analysis, there needs to be an emphasis on 1) Mathematical methods 2) Numerical methods. in the first semester You can also consider to have some Computational Lab where programming aspects (Matlab or Fortran) of Numerical methods and FEM are introduced. There can be a Computational FEMLab can have introduction to one commercial packages like ANSYS or ABAQUS.

thanks and regards
rajagopal

On Fri, Nov 8, 2019 at 12:13 PM Dr. Urmil Dave <hod_civil.it@nirmauni.ac.in> wrote:

Dear Sir/Madam,

Greetings!

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Dr. Urmil V. Dave

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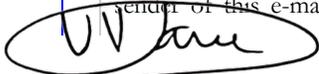
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Dr. Urmil V. Dave

incompleteness of this message, a delay in receipt of this message or computer problems experienced.

--

Dr. Amirtham Rajagopal

Associate Professor | Structural Engineering |
Department of Civil Engineering | **IIT Hyderabad**.
Kandi(V), Sangareddy(M), Medak Dist-502 285.
Telangana, India.
Phone: Off : 040- 2301 6094 | Mobile 08985156490
Google Scholar Page : [Amirtham Rajagopal](#)



Dr. Urmil V. Dave



Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Request for your valuable feedback and suggestions about Academic Curriculum of UG and PG program

Hemant B. Kaushik <hemantbk@iitg.ac.in>

Tue, Aug 25, 2020 at 12:24 AM

To: "Dr. Urmil Dave" <hod_civil.it@nirmauni.ac.in>

Cc: Urmil Dave <urmil.dave@nirmauni.ac.in>, Sharadkumar Purohit <sharad.purohit@nirmauni.ac.in>, Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Dear Prof. Dave,

First of all, let me congratulate you and your colleagues for developing and conceptualizing excellent Vision Statement and Mission Statement of the Department followed by the Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs). The developed Course Curriculum as well as syllabus of the courses are also well articulated and designed for the present needs of the Civil Engineering "Industry". I can see laboratory classes associated with a large number of courses for both BTech and MTech. This is not seen in other institutes, and it should be a matter of pride for your institute.

Clearly, you all have spent a lot of time and efforts in developing these. I just have a few suggestions:

1. The POs are pretty exhaustive, and I felt these may be reduced. For example: first and second points may be combined. Similarly, fourth and Fifth points too.
2. Under PSO, I missed "Leadership Skills", which is infused into the Civil Engineers during their UG and PG studies.
3. Surprisingly, Laboratory component is missing in some important courses, like Geology, Road Safety and Management, etc (or maybe I am missing something).
4. The BTech Courses Structural Mechanics - I and II are more like Structural Analysis I and II. The basic Structural Mechanics is already covered in first year.
5. Several BTech electives have a good overlap of syllabus with the MTech electives. For example, Advanced Concrete Technology, Advanced Design of Concrete Structures (Compulsory MTech course Design of Concrete Structures), Prestressed Concrete, Advanced Foundation Engineering, etc. It may be a good idea to club BTech and MTech electives based on some pre-requisites. This may enhance the knowledge of BTech students and allow them to learn more by attending the classes with MTech students. Presently some units have been removed from the similar BTech courses.
6. The MTech course Advanced Structural Analysis is quite similar to the BTech course Structural Mechanics II. The syllabus mostly covers Matrix method of analysis, which is generally covered in BTech curriculum in most institutes. There is no need of introducing the FEM in this course because FEM is a compulsory course in the second semester. The course Nonlinear Analysis of Structures may be made a compulsory course by removing present Advanced Structural Analysis.
7. The MTech courses Design of Concrete Structures and Design of Steel Structures may be renamed as Advanced Concrete Design and Advanced Steel Design.

Finally, I thank you for giving me this opportunity to read all these documents, and learn more about your institute and the hard work that you put in to raise the standards.

Best Regards,
Hemant

Dr. Urmil V. Dave

~~~~~  
Hemant B Kaushik, PhD  
Professor, Department of Civil Engineering  
Indian Institute of Technology Guwahati  
Guwahati 781039, Assam (INDIA)  
Phone: (+91) 361 258 2427  
Web: [www.iitg.ac.in/hemantbk](http://www.iitg.ac.in/hemantbk)

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**From:** Dr. Urmil Dave <[hod\\_civil.it@nirmauni.ac.in](mailto:hod_civil.it@nirmauni.ac.in)>

**Sent:** 10 August 2020 04:13 PM

**To:** Hemant B. Kaushik <[hemantbk@iitg.ac.in](mailto:hemantbk@iitg.ac.in)>

**Cc:** Urmil Dave <[urmil.dave@nirmauni.ac.in](mailto:urmil.dave@nirmauni.ac.in)>; Sharadkumar Purohit <[sharad.purohit@nirmauni.ac.in](mailto:sharad.purohit@nirmauni.ac.in)>;

Digesh Joshi <[digesh.joshi@nirmauni.ac.in](mailto:digesh.joshi@nirmauni.ac.in)>

**Subject:** Re: Request for your valuable feedback and suggestions about Academic Curriculum of UG and PG program

[Quoted text hidden]



Dr. Urmil V. Dave



Digesh Joshi <digesh.joshi@nirmauni.ac.in>

---

## Request for your valuable feedback and suggestions about Academic Curriculum of UG program of Civil Engineering Department

---

Sanjay SHUKLA <s.shukla@ecu.edu.au>

Wed, Mar 31, 2021 at 10:39 AM

To: "Dr. Urmil Dave" <hod\_civil.it@nirmauni.ac.in>

Cc: Hasan Rangwala <hasan.rangwala@nirmauni.ac.in>, Urmil Dave <urmil.dave@nirmauni.ac.in>, Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Dear Professor Dave

I have gone through the details. The structure is well designed as required. Inclusion of Yog and Meditation is very special in terms of knowledge and practice for the healthy life of the students.

The following may be considered:

CL404: Geotechnical Engineering - 'Effective stress and capillarity within soil mass' may be included in Unit-2: Introduction to Soil Mechanics. The following book, which is used as a textbook worldwide, may be included in the Suggested Readings:

**Shukla, S.K.** (2014). *Core Principles of Soil Mechanics*. ICE Publishing, London, ISBN: 978-0-7277-5847-7 (Paperbound).

<https://www.icebookshop.com/Products/Core-Principles-of-Soil-Mechanics.aspx>

As attached, this book has been Amazon best seller # on many days.

2CL503: Foundation Engineering - 'Machine foundations' may be included as the 8th unit. The following book, which is used as a textbook worldwide, may be included in the Suggested Readings:

**Shukla, S.K.** (2015). *Core Concepts of Geotechnical Engineering*. ICE Publishing, London, ISBN: 978-0-7277-5859-0 (Paperbound).

<https://www.icebookshop.com/Products/Core-Concepts-of-Geotechnical-Engineering.aspx>

As attached, this textbook has also been Amazon best seller #1 on many days.

The following textbook may also be included in the Suggested Readings:

**Shukla, S.K.** (2016). *An Introduction to Geosynthetic Engineering*. CRC Press, Taylor and Francis, London, ISBN: 978-1-138-02774-9 (Paperbound) & ISBN: 978-1-4987-7809-1 (EBook).

<https://www.crcpress.com/An-Introduction-to-Geosynthetic-Engineering/Shukla/p/book/9781138027749>

Some geosynthetic-related topics may be covered in Unit 7: Ground Improvement Techniques.

Geosynthetics details may also be included in 2CLDE17: Geo-environmental Engineering because without the knowledge of geosynthetics, students cannot get the full knowledge of geoenvironmental engineering.

Dr. Urmil V. Dave

In future, if the system permits, the department can run a full course on 'Geosynthetic Engineering' with the above textbook as an elective for final year civil engineering students as well as all the MTech students.

With best regards,  
Sanjay

**Dr Sanjay Kumar Shukla**

*PhD (IIT Kanpur), MTech (IIT Kanpur), BSc Eng (BIT Sindri)*

*FIEAust, FIE(India), FIGS, MASCE, MIGS, MIRC, MISRMTT, MISTE, MCAII*

Founding Editor-in-Chief, Int. Journal of Geosynthetics and Ground Engineering, Springer, Switzerland

Regional Editor (Australia), Soil Mechanics and Foundation Engineering, Springer, Russia

Senior Editor (Civil and Environmental Engineering), Cogent Engineering, Taylor and Francis, UK

Book Series Editor, Lecture Notes in Civil Engineering (LNCE), Springer, Switzerland

Founding Research Group Leader (Geotechnical and Geoenvironmental Engineering)

School of Engineering, Edith Cowan University

[270 Joondalup Drive, Joondalup, Perth, WA 6027, Australia](#)

Tel: +61 8 6304 2632; Mobile: +61 404453485

E-mail: [s.shukla@ecu.edu.au](mailto:s.shukla@ecu.edu.au); [sanjaykshukla1@gmail.com](mailto:sanjaykshukla1@gmail.com)

Office Location: Joondalup Campus, Building 5, Room #5.202

Adjunct Professor

Department of Civil Engineering

Delhi Technological University, Delhi 110042, India

Honorary Professor

Amity School of Engineering & Technology,

Amity University, Noida 201301, India

Distinguished Professor, Department of Civil Engineering, Institute of Engineering and Technology

Chitkara University, Solan, Himachal Pradesh 174 103, India

Adjunct Professor, School of Civil and Chemical Engineering

VIT University, Vellore 632014, India

Adjunct Professor, Department of Civil Engineering

VR Siddhartha Engineering College, Vijayawada 520007, India

Adjunct Professor, Department of Civil Engineering

School of Engineering, Amrita Vishwa Vidyapeetham (Amrita University), Kollam, Kerala 690525, India

Adjunct Professor, Department of Civil Engineering

Nirma University, Ahmedabad, Gujarat 382481, India

Home: [62 Waterfoot Loop, Canning Vale, Perth, WA 6155, Australia](#)

Email: [sanjaykshukla1@gmail.com](mailto:sanjaykshukla1@gmail.com)

Mobile: +61 404453485

---



Dr. Urmil V. Dave

**From:** Dr. Urmil Dave <[hod\\_civil.it@nirmauni.ac.in](mailto:hod_civil.it@nirmauni.ac.in)>

**Sent:** Thursday, March 25, 2021 4:20 PM

**To:** Sanjay SHUKLA <[s.shukla@ecu.edu.au](mailto:s.shukla@ecu.edu.au)>

**Cc:** Hasan Rangwala <[hasan.rangwala@nirmauni.ac.in](mailto:hasan.rangwala@nirmauni.ac.in)>; Urmil Dave <[urmil.dave@nirmauni.ac.in](mailto:urmil.dave@nirmauni.ac.in)>; Digesh Joshi <[digesh.joshi@nirmauni.ac.in](mailto:digesh.joshi@nirmauni.ac.in)>

**Subject:** Request for your valuable feedback and suggestions about Academic Curriculum of UG program of Civil Engineering Department

To,

Dr. Sanjay Kumar Shukla

Founding Editor-in-Chief, International Journal of Geosynthetics and Ground Engineering

Founding Research Group Leader (Geotechnical and Geoenvironmental Engineering)

School of Engineering, Edith Cowan University,

Perth, Australia

Respected Sir,

Greetings!

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Dr. Urmil V. Dave

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Dr Urmil V Dave  
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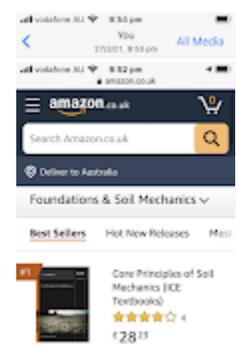
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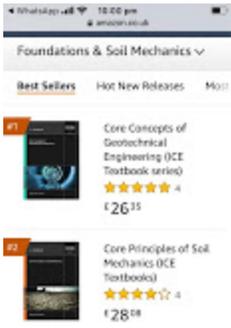
**3 attachments**



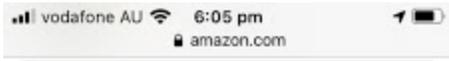
**Screenshot 2021-03-27 at 9.54.28 pm (2).png**  
282K

A handwritten signature in black ink, appearing to read 'U V Dave', enclosed within a hand-drawn oval.

Dr. Urmil V. Dave



**Best sellers 1 and 2\_24 Feb 2021.jpg**  
64K



**Amazon Best Sellers\_An Introduction to Geosynthetic Engineering\_21 Nov 2020.jpg**  
43K

A handwritten signature in black ink, which appears to read 'UV Dave', enclosed within a hand-drawn oval.

Dr. Urmil V. Dave



Digesh Joshi <digesh.joshi@nirmauni.ac.in>

---

## Fwd: Requesting your feedback on Curriculum

---

Hasan Rangwala <hasan.rangwala@nirmauni.ac.in>  
To: Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Fri, Feb 14, 2020 at 5:55 PM

With regards,

Dr Hasan M Rangwala  
Assistant Professor  
Department of Civil Engineering  
School of Engineering  
Institute of Technology  
Nirma University  
S.G. Highway,  
Ahmedabad -382 481

----- Forwarded message -----

From: **Upendra Patel** <patelupendra@gmail.com>  
Date: Wed, 12 Feb 2020, 6:07 pm  
Subject: Re: Requesting your feedback on Curriculum  
To: Hasan Rangwala <hasan.rangwala@nirmauni.ac.in>  
Cc: Urmil Dave <urmil.dave@nirmauni.ac.in>

Dear Urmilbhai,

PFA my comments. Sorry for delay.

Please feel free to contact should you need to discuss anything in this regard.

Thanks and regards,

On Mon, Feb 3, 2020 at 3:17 PM Hasan Rangwala <hasan.rangwala@nirmauni.ac.in> wrote:

Respected Sir,

This mail has a reference to your telephonic talk with Dr. Urmil Dave, requesting your feedback on curriculum

As you are aware, AICTE has designed model curriculum for under graduate programme in Engineering for maintaining quality of education across the country as well as to improve the employability of graduates through appropriate skill development. AICTE has published model Curriculum in January 2018. Major emphasis in revision of curriculum is to provide flexibility through offering more elective courses, industry internship, and project. AICTE has proposed 160 credits for four year degree programme.

Nirma University has also initiated process for revision in curriculum of undergraduate programmes in Engineering. Referring AICTE model curriculum as well as curriculum of reputed engineering Institutes (Nationally & Internationally), the revision in present curriculum of B. Tech. (Civil Engineering) is proposed. Curriculum of B. Tech. semester I to IV is already notified. The Civil Engineering Department has also prepared draft of course structure and syllabus for courses to be taught in B. Tech. semester V to VIII.

Detailed course structure for B. Tech. Semester I to VIII and detailed syllabus for core course on Environmental Engineering offered in Semester VI and related Elective Courses to be offered in Semester V to VIII are also attached.

With regards,

A handwritten signature in black ink, appearing to read "Urmil V. Dave", enclosed in a simple oval outline.

Dr. Urmil V. Dave

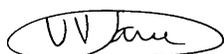
Dr Hasan M Rangwala  
Assistant Professor  
Department of Civil Engineering  
School of Engineering  
Institute of Technology  
Nirma University  
S.G. Highway,  
Ahmedabad -382 481

--  
Dr. Upendra Patel,  
Professor, Civil Engineering Department,  
Faculty of Technology and Engineering,  
The Maharaja Sayajirao University of Baroda,  
Vadodara-390001, India



**Comments on Teaching scheme and syllabus of subjects related to Environmental Engineering.docx**

12K

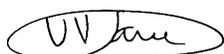


Dr. Urnil V. Dave

## Comments on Teaching scheme and syllabus of subjects related to Environmental Engineering

1. Annexure C: The group name should be Environmental Engg only. Please remove Water Resources engg as most of the subjects belong to Env Engg.
2. Subject: Environmental Engg: Unit 2 and Unit 3 in Annexure D are independent subjects in themselves. Designing the units of water treatment plant without going deep in to the principles involved may be difficult and just superficial for the students. However, I also understand that you don't have much choice since everything is clubbed in one subject only. But then, designing of systems may be made a part of elective subjects. The core subjects should be restricted to principles of unit operations used in Env Engg.
3. In Unit 4, Wastewater stabilization ponds, Aerated ponds and Oxidation ditches are obsolete systems. Treatment units such as Activated sludge process, UASB, for sewage treatment should be incorporated.
4. In "Solid waste Management", Battery rules may be included.

Other electives are OK.



Dr. Urnil V. Dave



Digesh Joshi <digesh.joshi@nirmauni.ac.in>

---

## Request for your valuable feedback and suggestions about Academic Curriculum of UG and PG programme

---

Urmil Dave <urmil.dave@nirmauni.ac.in>  
To: Digesh Joshi <digesh.joshi@nirmauni.ac.in>

Fri, Nov 8, 2019 at 3:11 PM

----- Forwarded message -----

From: **Dr. Vikram Patel** <Vikram.Patel@aiim.ac.in>

Date: Fri, Nov 8, 2019 at 3:09 PM

Subject: RE: Request for your valuable feedback and suggestions about Academic Curriculum of UG and PG programme

To: Dr. Urmil Dave <hod\_civil.it@nirmauni.ac.in>

Cc: Prof URMIL DAVE <urmil.dave@nirmauni.ac.in>

Dear Sir,

**I appreciate the efforts put by whole team to draft the Academic Curriculum of UG and PG program within lot many constraints.**

I propose following two suggestions if feasible in your structure of UG.

1. Technical report writing need to be added in any one subject of humanity.
2. Computational Techniques need to be of 0-0-4 to get best output.

With Warm Regards,

Dr. V M Patel

Professor & Principal

Adani Institute of Infrastructure Engineering (AIIE)

**(Division of Adani Institute of Infrastructure)**

Shantigram, Nr. Vaishnodevi Circle, S G Highway,

Ahmedabad, Gujarat, India- 382421

webpage: <http://www.aii.ac.in/aiie/> Email: [vikram.patel@aiim.ac.in](mailto:vikram.patel@aiim.ac.in)

Mobile:+91 9099002732 Office:+91 79 255 58808

Dr. Urmil V. Dave

adani

Growth  
with  
Goodness

Our Values: Courage | Trust | Commitment



**From:** Dr. Urmil Dave [mailto:[hod\\_civil.it@nirmauni.ac.in](mailto:hod_civil.it@nirmauni.ac.in)]  
**Sent:** Friday, November 8, 2019 12:14 PM  
**To:** Dr. Urmil Dave <[hod\\_civil.it@nirmauni.ac.in](mailto:hod_civil.it@nirmauni.ac.in)>  
**Cc:** Prof URMIL DAVE <[urmil.dave@nirmauni.ac.in](mailto:urmil.dave@nirmauni.ac.in)>  
**Subject:** Request for your valuable feedback and suggestions about Academic Curriculum of UG and PG programme

Dear Sir/Madam,

Greetings!

Civil Engineering Department is thriving hard to make the Department 'synonymous with learning'. Department aims to endow the students with a perfect synthesis of technology, human values and professional ethics. Department is ever evolving with upgradation in academic curriculum to be at par with national and global academic fraternity. Department is under the process of revising curriculum of UG (Civil Engineering) and PG (Computer Aided Structural Analysis and Design) programs, considering AICTE model curriculum published in 2018 and curriculum of other reputed Institutions.

Being one of the important stakeholders of Nirma University, **we would like to share the draft curriculum of UG and PG programs and request you to give your valuable suggestions and feedback for the same.**

Further, we would like to share that Civil Engineering Department has implemented Outcome Based Education (OBE), which is the student centred learning philosophy that focuses on empirically measuring student performance, which are called outcomes. The key constituents of OBE are Vision and Mission of the Institute and Department, Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs).

As a part of implementing the OBE, each course of a program has well defined Course Outcomes (COs), which are mapped with Program Outcomes (POs) and Program Specific Outcomes (PSOs).

We would also like to share with you the Vision and Mission statements of the Civil Engineering Department prepared in line with the Vision and Mission statements of the Institute. Information regarding PEOs, POs and PSOs of the department is also being communicated to you. Any feedback from you regarding possible

Dr. Urmil V. Dave

modifications in Vision and Mission statements, PEOs, POs and PSOs will be greatly appreciated.

Your suggestions are always welcome for betterment of academic activities of the Department of Civil Engineering.

Looking forward to receive your feedback and suggestions soon,

Thanks and Regards,

Enclosures:

1. Course Structure and Curriculum of UG program (Civil Engineering) - w.e.f. academic year 2018-19 onwards
2. Course Structure and Curriculum of PG program (Computer Aided Structural Analysis and Design) - w.e.f. academic year 2019-20 onwards
3. Vision and Mission Statement of Institute & Department, PEOs, POs and PSOs
4. Civil Engineering Department Leaflet

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Dr Urmil V Dave

Professor and Head,  
Department of Civil Engineering

Institute of Technology,  
[Nirma University](#),  
Sarkhej-Gandhinagar Highway,  
Ahmedabad- 382 481,  
Gujarat, INDIA  
Office# 91-79-30642-211

Cell# 91-9427022244  
Fax# 91-2717-241917

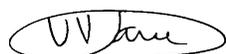
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Dr. Urmil V. Dave

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--  
Dr Urmil V Dave  
Professor,  
Department of Civil Engineering  
Institute of Technology,  
Nirma University,  
Sarkhej-Gandhinagar Highway,  
Ahmedabad- 382 481,  
Gujarat, INDIA  
Office# 91-79-30642-557  
Cell# 91-9427022244  
Fax# 91-2717-241917

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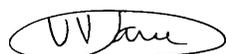
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Dr. Urmil V. Dave



Digesh Joshi &lt;digesh.joshi@nirmauni.ac.in&gt;

---

## Request for your valuable feedback and suggestions about Academic Curriculum of UG and PG programme

---

Dr. Urmil Dave &lt;hod\_civil.it@nirmauni.ac.in&gt;

Fri, Jul 24, 2020 at 8:55 PM

To: Utsav Koshti &lt;utsav.koshti@nirmauni.ac.in&gt;, Digesh Joshi &lt;digesh.joshi@nirmauni.ac.in&gt;

----- Forwarded message -----

From: Prof V Kumar &lt;vkumar.civ@itbhu.ac.in&gt;

Date: Friday, July 24, 2020

Subject: Request for your valuable feedback and suggestions about Academic Curriculum of UG and PG programme

To: "Dr. Urmil Dave" &lt;hod\_civil.it@nirmauni.ac.in&gt;

It is well drafted nicely planned. However, some minor addition of topic in some of the subject is required e.g.

In Design of concrete structures in gradients of concrete and design concept of mix design concept is required to be included in the course content.

In Advance Design of concrete structures

Some concept of O. H. T. ,silos .bunkers

snd chimney is required to be included in the course content.

Thanks and regards

Veerendra Kumar

On Mon, 6 Jul 2020, 11:18 Dr. Urmil Dave, <hod\_civil.it@nirmauni.ac.in> wrote:

To,

Prof. Veerendra Kumar,

Professor, civil Engineering Department,

Indian Institute of Technology (BHU),

Varanasi - 221005.

Respected Sir,

Greetings!

Civil Engineering Department is thriving hard to make the Department synonymous with learning. Department aims to endow the students with a perfect synthesis of technology, human values and professional ethics. Department is ever evolving with upgradation in academic curriculum to be at par with national and global academic fraternity. Department is under the process of revising curriculum of UG (Civil Engineering) and PG (Computer Aided Structural Analysis and Design) programs, considering AICTE model curriculum published in 2018 and curriculum of other reputed Institutions.

Being one of the important stakeholders of Nirma University, **we would like to share the draft curriculum of UG and PG programs and request you to give your valuable suggestions and feedback for the same.**

Further, we would like to share that Civil Engineering Department has implemented Outcome Based Education (OBE), which is the student centred learning philosophy that focuses on empirically measuring student performance, which are called outcomes. The key constituents of OBE are Vision and Mission of the Institute and Department, Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs).

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Dr. Urmil V. Dave

We would also like to share with you the Vision and Mission statements of the Civil Engineering Department prepared in line with the Vision and Mission statements of the Institute. Information regarding PEOs, POs and PSOs of the department is also being communicated to you. Any feedback from you regarding possible modifications in Vision and Mission statements, PEOs, POs and PSOs will be greatly appreciated.

Your suggestions are always welcome for betterment of academic activities of the Department of Civil Engineering.

Looking forward to receive your feedback and suggestions soon,

Thanks and Regards,

Enclosures:

1. Course Structure and Curriculum of UG program (Civil Engineering) - w.e.f. academic year 2018-19 onwards
2. Course Structure and Curriculum of PG program (Computer Aided Structural Analysis and Design) - w.e.f. academic year 2019-20 onwards
3. Vision and Mission Statement of Institute & Department, PEOs, POs and PSOs
4. Civil Engineering Department Leaflet

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Dr Urmil V Dave  
Professor and Head,  
Department of Civil Engineering  
Institute of Technology,  
Nirma University,  
[Sarkhej-Gandhinagar Highway,](#)  
[Ahmedabad- 382 481,](#)  
[Gujarat, INDIA](#)  
Office# 91-79-71652-211  
Cell# 91-9427022244

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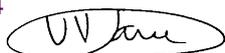
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Dr Urmil V Dave  
Professor and Head,  
Department of Civil Engineering  
Institute of Technology,  
Nirma University,  
[Sarkhej-Gandhinagar Highway,](#)  
[Ahmedabad- 382 481,](#)  
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Dr. Urmil V. Dave

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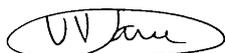
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Dr. Urmil V. Dave



Digesh Joshi &lt;digesh.joshi@nirmauni.ac.in&gt;

## Fwd: Thank you your Visit to Nirma University

Dr. Urmil Dave &lt;hod\_civil.it@nirmauni.ac.in&gt;

Thu, Dec 26, 2019 at 9:10 AM

To: Digesh Joshi &lt;digesh.joshi@nirmauni.ac.in&gt;, Utsav Koshti &lt;utsav.koshti@nirmauni.ac.in&gt;

----- Forwarded message -----

From: Ikuo Towhata &lt;towhata.ikuo.ikuo@gmail.com&gt;

Date: Thu, Dec 26, 2019 at 8:50 AM

Subject: Re: Thank you your Visit to Nirma University

To: Hasan Rangwala &lt;hasan.rangwala@nirmauni.ac.in&gt;

Cc: HOD Civil &lt;hod\_civil.it@nirmauni.ac.in&gt;

20191226

Impression Nirma University

Thank you very much for your hospitality and assistance of shopping during my stay in Ahmedabad. They were very nice.

I looked through two documents that were sent to me. My brief impression is as what follows

1. It is essentially important to let students know why they study these topics. Introduction to reality such as construction details and example of failures is helpful. Site visit deserves attention as well.
2. As I mentioned during my visit, simple model tests will let students understand underground invisible phenomenon. Examples are seepage flow net and circular failure mechanism.
3. Many good things are taught. Is there exercise based on what was taught? Tutorial is a chance to correct students misunderstanding?
4. Many books are recommended/suggested for reading. Do teachers specify any text book for their classes or distribute handouts?
5. It is convenient and time saving for teachers to use PPT when they teach derivation of formulae. However, I have doubt about such a use of PPT. Students brain develop new system of synapse or neural networks by writing by hand. Brief looking at distributed handout of PPT file does not help develop new brain system. Use of PPT should be limited to demonstration of photographs.

Best wishes

東畑郁生

Ikuo Towhata

towhata.ikuo.ikuo"AT"gmail.com

携帯電話 090-5761-7951 Mobile telephone +81-90-5761-7951

東京大学名誉教授 Professor Emeritus, University of Tokyo

関東学院大学客員教授 Visiting professor, Kanto Gakuin University,

エネルギー問題研究会 会長 Yokohama

地盤工学会会長は任期満了 I have completed the President of the Japanese Geotechnical Society.

インド工科大学ボンベイ校 Formerly, Distinguished Visiting Professor

特別客員教授 任期満了 Indian Institute of Technology, Bombay

Chair of Professional Image Committee, ISSMGE

(International Society for Soil Mechanics and Geotechnical Engineering)

東畑建築事務所 取締役 Director, Tohata Architects &amp; Engineers

中央開発株式会社 顧問 Advisor, Chuo Kaihatsu Corp. (Geotech)

Dr. Urmil V. Dave

2019年12月25日(水) 23:58 Hasan Rangwala <[hasan.rangwala@nirmauni.ac.in](mailto:hasan.rangwala@nirmauni.ac.in)>:

Dear Sir,

We, at the Civil Engineering Department, thank you for taking time from your busy schedule and visiting us at Nirma University, Ahmedabad on December 23, 2019. We were pleased to witness an interactive lecture on "Summarizing Geotechnical Activities after the 2011 Tohoku Earthquake of Japan". The lecture gave us insight to the post-earthquake conditions and issues after the 2011 Tohoku Earthquake.

Your visit was a compliment to me and all my colleagues at the department. Thanks for your kindness and generosity. We are also thankful for the visit to various laboratory facilities available with the Department and especially for the suggestions at the Geotechnical Engineering Laboratory.

As Discussed During the visit, I am attaching the course structure for B.Tech semester III to VIII and the syllabus of the courses related to Geotechnical Engineering. We invite your comments/suggestions on the same.

I am attaching some of the Photograph clicked during the visit, as a souvenir of our memory. We wish you would remember this visit and also will visit us whenever you are in India again.

ありがとうございました

Merry Christmas.

With regards,

Dr Hasan M Rangwala  
Assistant Professor  
Department of Civil Engineering  
School of Engineering  
Institute of Technology  
Nirma University  
S.G. Highway,  
Ahmedabad -382 481

--

--

Dr Urmil V Dave  
Professor and Head,  
Department of Civil Engineering  
Institute of Technology,  
[Nirma University](#),  
[Sarkhej-Gandhinagar Highway](#),  
[Ahmedabad- 382 481](#),  
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Dr. Urmil V. Dave

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**Gold Season's Greetings.pdf**

435K



Dr. Urmil V. Dave



# Feedback Industry 2019-20

Prof. Hemang Dalwadi <hemang.dalwadi@nirmauni.ac.in>

---

## Industry Feedback for Curriculum of B.Tech Civil, Civil Engineering Department, Nirma University

---

Prof. Hemang Dalwadi <hemang.dalwadi@nirmauni.ac.in>  
To: vardhman619@gmail.com

Fri, Mar 5, 2021 at 11:00 AM

Dear Sir,

We hope you are keeping yourself safe amidst this pandemic.

Department of Civil Engineering, Institute of Technology, Nirma University is regularly revising the syllabus for improving teaching-learning.

Outcome-Based Education is emphasized by NBA. Civil Engineering Department has implemented Outcome Based Education (OBE), which is the student-centered learning philosophy that focuses on empirically measuring student performance, which are called outcomes.

Being one of the important stakeholders of Nirma University, we would like to share the new syllabus implemented in Civil Engineering Department from the 2018-19 batch.

We request your valuable feedback for the improvement of the syllabus.

Awaiting your positive response.

Please find the attachment of the syllabus.

--

**Thanks & Regards**

Prof. Hemang Dalwadi  
M.Tech., Ph.D. (Pursuing)  
Assistant Professor  
Civil Engineering Department  
School of Engineering  
Institute of Technology  
Nirma University  
Ahmedabad  
Cabin: B-107  
Phone (M): +91 9724642799  
e-mail: [hemang.dalwadi@nirmauni.ac.in](mailto:hemang.dalwadi@nirmauni.ac.in), [dalwadihemang@gmail.com](mailto:dalwadihemang@gmail.com)

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---

Dr. Urnil V. Dave



**Curriculum-B.Tech Sem I to VI Civil-Engg..pdf**

1224K

A handwritten signature in black ink, appearing to read 'U V Dave', enclosed within an oval shape.

Dr. Urnil V. Dave

# Parents 2019-20

| Sr No | Feedback Date & Time | Name               | Rolho    | Parent Name             | General Comments                                                                                                                                                                        | Suggestions For New Subjects     | Suggestions For New Topics                              | Other Suggestions Relevant To Syllabus                                                                                                                        | pid | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
|-------|----------------------|--------------------|----------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|----|----|----|----|----|----|----|----|-----|
| 1     | 01-10-19 17:09       | Apurva H. Ganatra  | 178CL034 | Hasmukhbhai N. Ganatra  | I think teaching process should have more emphasis on practical issues rather than just theoretical one that is it should be according to the qualities that are demanded by companies. | N.A.                             | N.A.                                                    | N.A.                                                                                                                                                          | 715 | 4  | 5  | 5  | 4  | 5  | 4  | 4  | 5  | 5  | 4   |
| 2     | 01-10-19 23:32       | Harsh Bagadia      | 158CL040 | Gita Bagadia            |                                                                                                                                                                                         |                                  | Tunnel engineering, public building planning and design |                                                                                                                                                               | 716 | 3  | 2  | 5  | 1  | 3  | 4  | 4  | 1  | 5  | 3   |
| 3     | 01-11-19 9:29        | Rohit sojitra      | 16bc178  | Jayantibhai sojitra     |                                                                                                                                                                                         | Advance quantity survey          |                                                         |                                                                                                                                                               | 717 | 4  | 3  | 4  | 3  | 5  | 3  | 5  | 5  | 5  | 3   |
| 4     | 01-12-19 19:15       | Preet Sheth        | 178CL088 | Ankur Sheth             | Students should be provided AC when we pay such high fees like 1.7 lakh... Further Nirma focuses on more of theoretical knowledge                                                       | Any subject related to practical | No                                                      | Students should be taught more of practical aspects of sight... Like SBST of CEPT                                                                             | 718 | 4  | 5  | 5  | 4  | 5  | 4  | 5  | 5  | 5  | 4   |
| 5     | 7/29/2019 1:38:5     | Nikhil Wadhvani    | 17bc177  | Er. Lalit M. Wadhvani   |                                                                                                                                                                                         | Rebted to field oriented         | Running present trends in civil engineering             |                                                                                                                                                               | 724 | 4  | 5  | 4  | 4  | 4  | 5  | 4  | 5  | 5  | 4   |
| 6     | 12/23/2019 11:21     | Prashil Patel      | 17bc1086 | Jitendrabhai Patel      |                                                                                                                                                                                         |                                  |                                                         |                                                                                                                                                               | 730 | 4  | 5  | 2  | 5  | 4  | 5  | 3  | 4  | 5  | 4   |
| 7     | 12/25/2019 10:52     | Ratik Vnaybhai Amb | 168CL024 | Vnaybhai Ambaliya       | Overall curriculum of academics as well as other activities is good.                                                                                                                    | -                                | -                                                       | My suggestion is that labs for learning softwares related to civil engineering should be conducted one in a week instead of free slots such as library hours. | 731 | 4  | 3  | 5  | 4  | 4  | 3  | 3  | 3  | 5  | 4   |
| 8     | 1/13/2020 1:00:2     | Shah Heer Vidhal   | 178CL106 | Vishal Hasmukhbhai Shah | Teaching style and discipline for attendance is are key excellent points.                                                                                                               | No Suggestion                    | Management related more topics may be added.            | No Suggestion                                                                                                                                                 | 733 | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 4  | 5  | 5   |



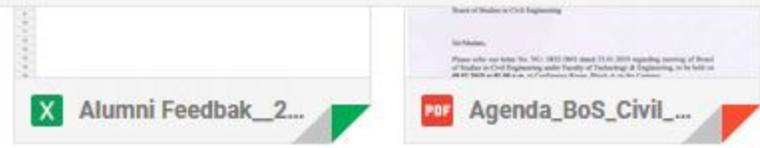
Dr. Urmil V. Dave

# Feedback Alumni 2019-20

Compose

- Inbox 16,040
- Starred
- Snoozed
- Important
- Chats
- Sent
- Drafts 457
- Categories
  - Mini Project\_I\_2018
  - More

Navigation icons: back, download, warning, trash, mail, clock, checkmark, share, print, delete, more options. Page indicator: 15 of 16



**rahul upadhyay** <rahuljupadhyay@gmail.com> Tue, Feb 12, 2019, 4:43 PM

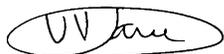
Respected Sir,  
 Thank you so much for giving me this opportunity. Whatever I m today is because of NIRMA UNIVERSITY and professors of our civil engineering department . So I am always ready to help our juniors and department. According to me, syllabus is made in such a way that If juniors can go through each subject thoroughly then they will clear any competitive examinations( i.e. GATE, ISRO, BARC, ECIL, EIL, GPSC etc.) in future and place at good PSU or other good organization.  
 I have given suggestion according to my understanding. So please forgive me if I have written something wrong. But I try to give my opinion honestly.

P.F.A.  
 Rahul Upadhyay  
 13BCL118.

- Meet**
- New meeting
  - My meetings
- Hangouts**
- Tejas
  - Dr Priyanka Sharma
  - Utsav Koshti
  - Unknown
  - Mr Sujal Soni
  - Nikita Chokshi
  - Sunita Parmar

*UV Dave*  
 Dr. Urmil V. Dave

| Sr No | Feedback Date & Time | Rollno | Name                    | Branch | Passing Year | Designation                                                                                                                | Home address                                                 | Mobile No. | E-mail                                                                 | General Comments                                                                                                                                                                                                                                                                                                                                                                                                  | Suggestions For New Subjects                                                                                                                                                                                                                                                                                                                                                                                                                              | Suggestions For New Topics                                                                                                                                                                                                                                                                                                                                                                                    | Other Suggestions Relevant To Syllabus                                                                                                                                                                                                                             |
|-------|----------------------|--------|-------------------------|--------|--------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 2-Feb-2019, 4 pm     | 3BCL11 | Upadhyay Rahul Jayvadan | Civil  | 2017         | 1) Student of M.Tech Structure (1st Year) at SVNIT<br>2) Soon going to join as Executive Engineer In irrigation Department | F/502, Pragatinagar near Saraswatnagar Vesu. Surat - 395007. | 8460543198 | <a href="mailto:rahuljupadhyay@gmail.com">rahuljupadhyay@gmail.com</a> | Some subjects like ICI, Entrepreneurship, Community services and Ethics & values are removed from syllabus. It is beneficial to both professor and students because these subjects are not that much important. professor get ample amount of time to complete their syllabus and it directly affects student as it reduce the workload of them. So I like that in both 3rd and 4th sem only 6 subjects to study. | 1) In <b>Civil Engineering Drawing and Building Planning</b> subject Unit 2 is use of CAD software. I think that if in exam as a <b>practical test</b> students are asked to prepare a plan of a building or what so ever is there in syllabus but <b>NOT AS A THEORY QUESTION</b> , then juniors can learn the software effectively and it will be useful for them in future.<br>2) It is good to see that Unit :1 GEOLOGY lecture contains only 4 hour. | 1) Structure Mechanics: Use of conjugate beam method is missing. In GATE exam they ask finding out deflection of indeterminate structure. In that conjugate beam method is very useful.<br>2) Fluid Mechanics: In GATE ,GPSC, ECIL, BARC, ISRO and other competitive exam they ask more questions from OPEN CHANNEL chater. I suffered a lot and learned lots of new topics in FM subjects. Specially in OPEN | 1) <b>FLUID MECHANICS:</b> Hydraulic Machine chapter inclusion if possible then add in syllabus, otherwise make this unit as a self study unit. 2-3 marks question generally they ask in every exam from this topic. Even it is interesting for real life problem. |



Dr. Urmil V. Dave

| Timestamp          | Email Address                  | Your Full Name      | Graduation Year from Nirma | Roll No  | Professional Designation/Current Occupation                                    | Please rate overall syllabus of Civil Engineering Department, Nirma University. | Kindly suggest scope of improvement in the Syllabus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Any other Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------|--------------------------------|---------------------|----------------------------|----------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-16-2020 16:40:15 | deepshah158@gmail.com          | Deep Shah           | 2017                       | 13bcl098 | Deputy Executive Engineer                                                      | 5                                                                               | Give more weightage to Open channel flow and turbulent flow. Provide elective on hydraulic machine. Energy principle should be in structural analysis 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Overall syllabus is very interesting specially electives.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 9-16-2020 18:31:19 | sachin.jhavar003@gmail.com     | SACHIN JHANW        | 2018                       | 14bcl03  | Post Graduate Student                                                          | 5                                                                               | No requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 9-17-2020 16:03:42 | 16bcl022@nirmauni.ac.in        | Amay Gupta          | 2020                       | 16BCL022 | Student at IIT-Gandhinagar                                                     | 4                                                                               | The content of syllabus is quite good, if increment is suggested then time required will be more. I would rather say completing this syllabus efficiently on time.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 9-18-2020 7:51:04  | sradadiya88@gmail.com          | Sagarkumar Radadiya | 2016                       | 12BCL042 | Municipal Engineer                                                             | 5                                                                               | More Site Visits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 9-18-2020 7:57:08  | meet.mrd27@gmail.com           | Meet Maradia        | 2017                       | 12BCL024 | Project Engineer                                                               | 5                                                                               | Practical Knowledge in each Subject like Real life Civil Engineer's Role                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 9-18-2020 8:11:10  | 13bcl120@nirmauni.ac.in        | Vardhan Garg        | 2017                       | 13bcl120 | Design Engineer                                                                | 4                                                                               | 1. More Practical knowledge and assignments should be incorporated. Artificial Intelligence, programming skills in Civil Engineering should be taught and research for the same should be given for each subject. Softwares of the each subjects used in the field should be taught through assignments on Saturday and Sunday through OTT platforms.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2. Flexibility in choosing electives should be given instead of forcing due to Merit system. Softwares and techniques to be followed in field to be taught through the guidance of practicing engineers. Each student should be mentored during start of course as all students are different and may not be matured of dealing changes after 12 th class and during last phase of course to meet the expected behavior and expectations in terms of skills for their life and jobs. |
| 9-18-2020 11:19:19 | PETHANIMEHUL@nirmauni.ac.in    | Mehul Pethani       | 2006                       | 06BCL153 | Principal Engineer at Lin                                                      | 5                                                                               | I see lot of gap in academic learning vs industrial practices , In this regard if any improvement can be made , That can help student for there next role.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 9-18-2020 12:36:35 | suhas.prajapati@nirmauni.ac.in | Suhas Prajapati     | 2006                       | 02CT024  | Sr. Officer                                                                    | 4                                                                               | More practical approach is nkw necessity for the industry.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | We can start some special course on the basis of students' interest to shape up special talent team for the country.                                                                                                                                                                                                                                                                                                                                                                 |
| 9-18-2020 17:18:51 | 15bcl129@nirmauni.ac.in        | Patel Parthav Pa    | 2019                       | 15BCL129 | M. Tech Student                                                                | 5                                                                               | Overall course structure is good. Still some topics can be add in some technical subjects.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 9-18-2020 19:18:51 | harishchandra.jakh             | Harish Chandra J    | 2002                       |          | DGM Management System and Quality Assurance, Kalpataru Power Transmission Ltd. | 5                                                                               | <b>Course code 2CL602</b><br><b>Course Title: Construction Project Management</b><br>Suggestion: Add below topics<br>Unit 3 Construction Project site organization: Project Kick off meeting, Zero budget, Critical role of different department such as Planning, Engineering, Execution, Survey, Quality, EHS, Plant & machinery, store, documentation controller, Administration,<br>Unit 4 Project Monitoring & control : Digital project progress tracker, Monthly MIS, fortnightly, weekly and daily progress reports, Progress meeting internal with different department and external with channel partners with contractors, sub-contractors, customer, owner, consultants on weekly basis.<br>Unit 5 Modern Project management system : Use of vigilance online camera to monitor progress from project office, regional and head office, Use of Dash board to have abstract information about project about |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

  
Dr. Urmil V. Dave











|                      |   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITNUSTUT1708A0000140 | M | BCL | 3 | 3 | 3 | 2 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 3 |
| ITNUSTUT1708A0000189 | M | BCL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| ITNUSTUT1708A0000191 | M | BCL | 4 | 4 | 3 | 3 | 2 | 1 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 1 | 3 |
| ITNUSTUT1708A0000192 | M | BCL | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ITNUSTUT1708A0000194 | M | BCL | 2 | 3 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 4 | 4 | 2 | 2 | 1 | 2 | 2 | 3 | 3 | 3 | 3 |
| ITNUSTUT1708A0000195 | M | BCL | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ITNUSTUT1708A0000196 | M | BCL | 2 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ITNUSTUT1708A0000245 | M | BCL | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| ITNUSTUT1708A0000246 | M | BCL | 1 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 4 | 3 | 3 | 2 | 4 |
| ITNUSTUT1708A0000247 | M | BCL | 2 | 3 | 2 | 1 | 3 | 2 | 2 | 1 | 2 | 4 | 4 | 2 | 2 | 1 | 2 | 2 | 2 | 3 | 3 | 2 |
| ITNUSTUT1708A0000248 | M | BCL | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 2 |
| ITNUSTUT1708A0000249 | M | BCL | 1 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 4 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | 3 | 3 |
| ITNUSTUT1708A0000250 | F | BCL | 1 | 3 | 3 | 2 | 2 | 4 | 2 | 2 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 3 | 3 | 3 | 2 | 3 |
| ITNUSTUT1708A0000251 | M | BCL | 2 | 3 | 3 | 2 | 2 | 4 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 |
| ITNUSTUT1708A0000252 | M | BCL | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 3 | 1 |
| ITNUSTUT1708A0000298 | M | BCL | 2 | 2 | 2 | 2 | 3 | 0 | 1 | 1 | 1 | 3 | 3 | 2 | 0 | 0 | 3 | 3 | 1 | 1 | 3 | 2 |
| ITNUSTUT1708A0000307 | M | BCL | 2 | 3 | 3 | 3 | 1 | 2 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 3 |
| ITNUSTUT1708A0000308 | M | BCL | 2 | 2 | 1 | 1 | 2 | 3 | 1 | 2 | 2 | 1 | 3 | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 3 | 1 |



Dr. Urmil V. Dave

| Sr No | Feedback Date & Time  | Name                         | Rollno   | Semester | Year of Passing | General Comments                                                                                                                                                      | Suggestions For New Subjects                                                                                                   | Suggestions For New Topics                                                             | Other Suggestions Relevant To Syllabus                         |
|-------|-----------------------|------------------------------|----------|----------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------|
| 1     | 01-10-19 17:39        | Anandkumar Hareshbhai Ghetia | 16BCL157 | VIII     | 2019            | Its a very good experience for me and I am learning many new thing over here.                                                                                         | Not there€™s no need to add any subject into this semester as it will be difficult to concentrate fully in practical training. | Learning any one software should be implemented if time permits.                       | No its perfect.                                                |
| 2     | 01-11-19 14:05        | Agarwal prakhar surendra     | 17bcl006 | IV       | 2020            | Need to develop more practical training and field experiences                                                                                                         | Advanced concrete technology, moderns construction materials                                                                   | Real life problem solving, aptitude development                                        | No                                                             |
| 3     | 01-12-19 19:10        | Preet Sheth                  | 17BCL088 | IV       | 2020            | First of all we should be provided an AC when we pay such high fees... And the toilets of Bhai block should be kept clean                                             | No                                                                                                                             | No                                                                                     | No                                                             |
| 4     | 1/13/2019 5:39:47 PM  | Patel chinar maitukbhai      | 17BCL068 | IV       | 2020            | No                                                                                                                                                                    | In 1st year yoga is subject instead of yoga their should be class of self defence .                                            | No                                                                                     | No                                                             |
| 5     | 1/14/2019 4:27:06 PM  | Khilesh Ravji Hirani         | 17BCL044 | IV       | 2020            | University is very good and well disciplined compared to other universities I know of.                                                                                | There should be an introduction of some sort of subject which teaches us about smart buildings                                 | â€”                                                                                    | No, I think the syllabus is perfect                            |
| 6     | 1/15/2019 11:35:57 PM | Harshit R. Maru              | 16bcl64  | VIII     | 1995            | -                                                                                                                                                                     | NO                                                                                                                             | NO                                                                                     | NO                                                             |
| 7     | 7/25/2019 12:11:04 PM | Jambudia Malay               | 17BCL158 | VII      | 2020            | The campus of the university is good. The faculties was very good and they always try to help the students. Basically the atmosphere at the university was excellent. | Increase the number the electives. And also include the different types of software related to the civil engineering.          | Include the different types of software related to civil engineering in the electives. | The course of DOS was very lengthy relevant to other subjects. |
| 8     | 7/25/2019 12:15:56 PM | Vasu Mathurbha Jogani        | 17bj160  | VII      | 2020            | Overall the teachin experience is quite fascinatin till now. Course policy and syllabus are also covered well.                                                        | Railway enineering can be included as an elective.                                                                             | no                                                                                     | no                                                             |
| 9     | 7/25/2019 12:19:46 PM | Hina Chavda                  | 17bcl154 | VII      | 2020            | Syllabus very lengthy                                                                                                                                                 | no                                                                                                                             | no                                                                                     | no                                                             |
| 10    | 7/25/2019 12:26:51 PM | piyuh gurnani                | 17bcl155 | VII      | 2020            | DOS syllabus is much lengthy                                                                                                                                          | no                                                                                                                             | no                                                                                     | no                                                             |
| 11    | 7/25/2019 12:32:10 PM | kriplani vishal              | 17bcl164 | VII      | 2020            | Campus is very good, there are various sports activities conducted in very semester which is good,                                                                    | subjects related to software such as staddpro, Auto-cad, etc                                                                   | There should be more options in selecting department elective subjects.                | no.                                                            |
| 12    | 7/28/2019 5:46:54 PM  | Nikhil Wadhvani              | 17bcl177 | VII      | 2020            | More use of chalk and whiteboard                                                                                                                                      | Related to field software                                                                                                      | Related to present trend                                                               | Avoid adding non-technical subjects                            |
| 13    | 12/19/2019 1:42:49 PM | Arihant Jain                 | 17bcl011 | I        | 2020            | Syallbus is good but some more practical field related Software should be taught                                                                                      | Subjects to increase soft skills in students should be introduced                                                              |                                                                                        |                                                                |
| 14    | 12/19/2019 5:36:51 PM | Patel Parthav Paresh         | 19MCLC13 | I        | 2019            | Overall course structure is excellent!!                                                                                                                               | No!!                                                                                                                           | No!!                                                                                   | No!!                                                           |



Dr. Urmil V. Dave

# Feedback of Outgoing Students

Dear Students and soon to be Alumni!,

Department of Civil Engineering, Institute of Technology, Nirma University is regularly revising the syllabus for improving teaching learning. Outcome Based Education is emphasized by the National Board of Accreditation. The Civil Engineering Department has implemented Outcome Based Education (OBE), which is the student centered learning philosophy that focuses on empirically measuring student performance, which are called outcomes.

Being one of the important stakeholders of Nirma University, we would like to share the new syllabus to be implemented for B.Tech Semester-VII with effect from 2021-22 batch. We request your valuable feedback for the syllabus of Professional Practice and Design of Steel Structures.

Email \*

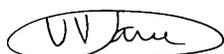
17bcl174@nirmauni.ac.in

Your Full Name \*

Toriya Jaimin Virambhai

Roll No \*

17BCL174



Dr. Urnil V. Dave

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Email \*

fagunparikh8@gmail.com

Your Full Name \*

Fagun Parikh

Roll No \*

16bcl065

Please rate overall syllabus of Civil Engineering Department, Nirma University. \*

Poor      1      2      3      4      5      Excellent



Dr. Urnil V. Dave

Please rate overall syllabus of Civil Engineering Department, Nirma University. \*

|      |                       |                       |                       |                                  |                       |           |
|------|-----------------------|-----------------------|-----------------------|----------------------------------|-----------------------|-----------|
|      | 1                     | 2                     | 3                     | 4                                | 5                     |           |
| Poor | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | Excellent |

Kindly suggest scope of improvement in the Syllabus \*

University can improve the curriculum by giving certain sessions on extensively used softwares in practical field.

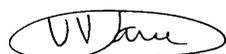
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Any other Comments

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Dr. Urmil V. Dave

Kindly suggest scope of improvement in the Syllabus \*

With a core branch like Civil Engineering, apart from theoretical knowledge, we will anyway get, practical knowledge becomes very significant to relate to theoretical learnings. over the four years, practical knowledge in terms of site visits have been not as expected at all. I really hope, the department pays heed to this concern which I had, and which current juniors won't face

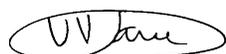
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Any other Comments

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Dr. Urmil V. Dave

# Feedback of Outgoing Students

Dear Students and soon to be Alumni!,

Department of Civil Engineering, Institute of Technology, Nirma University is regularly revising the syllabus for improving teaching learning. Outcome Based Education is emphasized by the National Board of Accreditation. The Civil Engineering Department has implemented Outcome Based Education (OBE), which is the student centered learning philosophy that focuses on empirically measuring student performance, which are called outcomes.

Being one of the important stakeholders of Nirma University, we would like to share the new syllabus to be implemented for B.Tech Semester-VII with effect form from 2021-22 batch. We request your valuable feedback for the syllabus of Professional Practice and Design of Steel Structures.

Email \*

17bcl152@nirmauni.ac.in

Your Full Name \*

Bhola Ridham

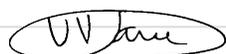
Roll No \*

17bcl152

Please rate overall syllabus of Civil Engineering Department, Nirma University. \*

Poor      1      2      3      4      5      Excellent



Dr. Urnil V. Dave

Kindly suggest scope of improvement in the Syllabus \*

Can add bit of practicals than theory.

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Any other Comments

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Dr. Urnil V. Dave

# Feedback of Outgoing Students

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Email \*

17bcl173@gmail.co.in

Your Full Name \*

Yagnik Solanki

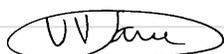
Roll No \*

17BCL173

Please rate overall syllabus of Civil Engineering Department, Nirma University. \*

Poor      1      2      3      4      5      Excellent



Dr. Urnil V. Dave

Kindly suggest scope of improvement in the Syllabus \*

Include practical portion in remote sensing and GIS Subject

Any other Comments

It is excellent organised syllabus.

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Dr. Urmil V. Dave

# Feedback of Outgoing Students

Dear Students and soon to be Alumni!,

Department of Civil Engineering, Institute of Technology, Nirma University is regularly revising the syllabus for improving teaching learning. Outcome Based Education is emphasized by the National Board of Accreditation. The Civil Engineering Department has implemented Outcome Based Education (OBE), which is the student centered learning philosophy that focuses on empirically measuring student performance, which are called outcomes.

Being one of the important stakeholders of Nirma University, we would like to share the new syllabus to be implemented for B.Tech Semester-VII with effect form from 2021-22 batch. We request your valuable feedback for the syllabus of Professional Practice and Design of Steel Structures.

Email \*

16bcl004@nirmauni.ac.in

Your Full Name \*

Abhishek Kumar Jha

Roll No \*

16bcl004

Please rate overall syllabus of Civil Engineering Department, Nirma University. \*

Poor      1      2      3      4      5      Excellent



Dr. Urnil V. Dave

Kindly suggest scope of improvement in the Syllabus \*

Syllabus is really quite good in order to gain the knowledge of civil subjects in depth . Also it is quite helpful for the students who wants to have a specialisation in civil degree and also for the students who are aspiring for competitive exams.

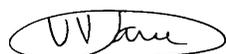
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Any other Comments

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Dr. Urnil V. Dave

# Feedback of Outgoing Students

Dear Students and soon to be Alumni!,

Department of Civil Engineering, Institute of Technology, Nirma University is regularly revising the syllabus for improving teaching learning. Outcome Based Education is emphasized by the National Board of Accreditation. The Civil Engineering Department has implemented Outcome Based Education (OBE), which is the student centered learning philosophy that focuses on empirically measuring student performance, which are called outcomes.

Being one of the important stakeholders of Nirma University, we would like to share the new syllabus to be implemented for B.Tech Semester-VII with effect form from 2021-22 batch. We request your valuable feedback for the syllabus of Professional Practice and Design of Steel Structures.

Email \*

17bcl171@nirmauni.ac.in

Your Full Name \*

Sagar Jotani

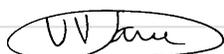
Roll No \*

17bcl171

Please rate overall syllabus of Civil Engineering Department, Nirma University. \*

Poor      1      2      3      4      5      Excellent



Dr. Urnil V. Dave

Kindly suggest scope of improvement in the Syllabus \*

If possible, in Construction Technology, introduction to precast structure and 3D printing should be added.  
Also in Construction Project Management, is possible, material sampling techniques should be added

Any other Comments

Very good distribution of various subjects and Introduce to new topics

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Dr. Urnil V. Dave

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Email \*

hirensolanki030@gmail.com

Your Full Name \*

Hiren Solanki

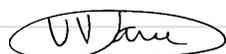
Roll No \*

16BCL064

Please rate overall syllabus of Civil Engineering Department, Nirma University. \*

Poor      1      2      3      4      5      Excellent



Dr. Urnil V. Dave

Kindly suggest scope of improvement in the Syllabus \*

Extent of the syllabus is enough for civil engineering student. But problem is in its duration. As some courses require more numbers of hours to complete which is not possible in 40 to 45 hrs.

### Any other Comments

Following are the few points which I found appealing in new syllabus. 1. In first year, subject of "introduction to civil engineering" is very good, because it gives overall idea about what he/she is going do. Hence, it will help the new students to select their area of interest in advance. In addition to that, new course on design engineering is also good to increase the problem solving capability of the student. 2. Syllabus of physics for civil engineering students is different than other branches which is quite good. 3. Inclusion of CAD modelling and other ICT tools is excellent. 4. Amalgamation of transportation engineering 1 and 2 in one subject is excellent. As, it is having good electives in next semesters. Same goes for environmental engineering. 5. Number of electives are high which is very good. In addition to that, it is having special elective for humanity. 6. Construction workshop is very good to gain the practical knowledge. 7. Subject of "Computational Tools and Techniques" is excellent for further research.

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Google Forms



Dr. Urmil V. Dave

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Email \*

16bcl080@nirmauni.ac.in

Your Full Name \*

Sagar Ishwarlal Vasani

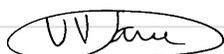
Roll No \*

16BCL080

Please rate overall syllabus of Civil Engineering Department, Nirma University. \*

Poor      1      2      3      4      5      Excellent



Dr. Urnil V. Dave

Kindly suggest scope of improvement in the Syllabus \*

Some of the important topics which can be covered in particular subjects are mentioned here. 1) Surveying : Theory of Errors, Accuracy and precision of survey work. 2) Fluid Mechanics: Momentum Equation and its applications (Most Important). Open Channel Flow: Various Flow Profiles. 3) Hydrology: Flood Routing 4) Soil Mechanics: Various types of triaxial tests in detail, Stress Paths and Boussinesq's theory of vertical stress. Solid Mechanics: I suggest to include some important topics of Advanced Solid mechanics in the compulsory course of Solid Mechanics like bending stresses in strengthened beam and flitched beam(composite), they serve a great purpose of deep understanding of bending stresses which are further helpful in concrete structures

Any other Comments

Above mentioned topics are considered most important in terms of either Competitive exams or its practical application. However, the new syllabus is precisely drafted and designed based on the requirements of particular subject. Overall the syllabus is strengthened and meets the requirements that any Civil Engineer needs. Happy for the Juniors

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Dr. Urnil V. Dave

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Email \*

16bcl031@nirmauni.ac.in

Your Full Name \*

Krunal rameshchandra Baria

Roll No \*

16BCL031

Please rate overall syllabus of Civil Engineering Department, Nirma University. \*

Poor      1      2      3      4      5      Excellent



Dr. Urnil V. Dave

Kindly suggest scope of improvement in the Syllabus \*

no

Any other Comments

no

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Dr. Urmil V. Dave

# Feedback of Outgoing Students

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Email \*

16bcl178@nirmauni.ac.in

Your Full Name \*

Rishit Sojitra

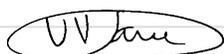
Roll No \*

16bcl178

Please rate overall syllabus of Civil Engineering Department, Nirma University. \*

Poor      1      2      3      4      5      Excellent



Dr. Urnil V. Dave

Kindly suggest scope of improvement in the Syllabus \*

Overall, the way subjects are assigned in each semester's syllabus with brief of each subject and later on specialization of each subject in other semester is what I found excellent. Following are my inputs or suggestions regarding new syllabus. 1. During our curriculum there was two important subjects which help us and enhanced our knowledge as well as skill i.e. 1. Law for Engineers and 2. Technical Writing. 2. In civil engineering drawing, I believe some more topics can be introduced i.e. Planning of commercial building, Planning of Public building 3. In Fast developing world, basics and fundamentals of tunnel engineering and Bridge engineering are very important topics to cover either in transportation engineering or as a separate elective.

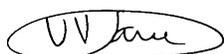
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Any other Comments

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Dr. Urmil V. Dave

# Feedback of Outgoing Students

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Email \*

17bcl165@nirmauni.ac.in

Your Full Name \*

Makwana Rahulbhai Dasharathbhai

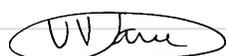
Roll No \*

17bcl165

Please rate overall syllabus of Civil Engineering Department, Nirma University. \*

Poor      1      2      3      4      5      Excellent



Dr. Urnil V. Dave

Kindly suggest scope of improvement in the Syllabus \*

Improvement in laboratory hour, aware Student about real site work so site visit required.

Any other Comments

Required experience faculty in all subject

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Dr. Urnil V. Dave

# Feedback of Outgoing Students

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Email \*

rtr.pawan.jangid@gmail.com

Your Full Name \*

Pawan Jangid

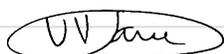
Roll No \*

16bcl028

Please rate overall syllabus of Civil Engineering Department, Nirma University. \*

Poor      1      2      3      4      5      Excellent



Dr. Urnil V. Dave

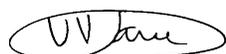
Kindly suggest scope of improvement in the Syllabus \*

Need to deal in more practical aspect

Any other Comments

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Dr. Urmil V. Dave

**Nirma University  
Institute of Technology  
School of Engineering  
Civil Engineering Department**

**Minutes of meeting scheduled to discuss curriculum revision**

Civil Engineering Department has arranged a meeting of various stakeholders to discuss curriculum revision of UG programme (B. Tech. in Civil Engineering) on 15<sup>th</sup> December, 2018 at 11:00 a.m. at C-conference room. Following members remained present during the meeting:

- Prof. Y. M. Desai, JK & MJ Mehta Chair Professor of Structural Engineering, Civil Engineering Department, Indian Institute of Technology, Bombay (Expert from Academia)
- Prof. A. V. Thomas, Director, Adani Institute of Infrastructure (Management & Engineering), Ahmedabad (Expert from Academia)
- Shri Vivek Kapadia, Chief Engineer and Director, Narmada Water Resources, Water Supply and Kalpsar Department, Government of Gujarat (Expert from Government Sector)
- Shri Rajiv Shah, Associate Director, PMC, HCP Design Planning & Management Pvt Ltd., Ahmedabad (Expert from Industry)
- Shri P. R. Patelia, Chief Engineer (NH) & Additional Secretary, Roads and Building Department, Government of Gujarat (Parent)
- Ms. Megha Vyas, Principle Associate, Electra Techno Consultant and Associates, Ahmedabad (Alumni)
- Prof. R. N. Patel, Additional Director, School of Engineering (SoE), Institute of Technology, Nirma University
- Prof. P. V. Patel, Professor & Head, Civil Engineering Department, SoE, IT-NU
- Prof. U. V. Dave, Professor, Civil Engineering Department, SoE, IT-NU
- Prof. P. R. Patel, Professor, Civil Engineering Department, SoE, IT-NU
- Prof. S. P. Purohit, Professor, Civil Engineering Department, SoE, IT-NU
- Prof. S. P. Thakkar, Assistant Professor, Civil Engineering Department, SoE, IT-NU
- Prof. H. M. Rangwala, Assistant Professor, Civil Engineering Department, SoE, IT-NU
- Prof. H. A. Dalwadi, Assistant Professor, Civil Engineering Department, SoE, IT-NU
- Prof. D. D. Joshi, Assistant Professor, Civil Engineering Department, SoE, IT-NU
- Mr. Rishit Sojitra, B. Tech. Sem. VII (Student representative)

Prof. P. V. Patel welcomed all the members. Prof. R. N. Patel has briefed all the members about objective of curriculum revision of UG programme and few common guidelines for revised curriculum decided at Institute level.

Following points were discussed:

1. Need for curriculum revision according to AICTE model curriculum
2. Course structure for B. Tech. first year
3. Proposed course structures for higher semesters (Sem. III to Sem. VIII)
4. Proposed syllabus for courses of 2<sup>nd</sup> year (Sem. III & IV)
5. Proposed list of department electives for various sub-disciplines of Civil Engineering
6. Comparison of proposed curriculum with AICTE model curriculum with respect to number of courses and credits offered for various category of courses.

Committee members have deliberated various aspects related to proposed curriculum at length and given many useful suggestions / comments:



Dr. Urmil V. Dave

**Core courses / Course structure related:**

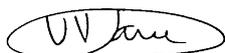
- “Engineering Mechanics” should be offered as compulsory course.
- Course on Material Science will be useful in understanding engineering properties of materials.
- “Computational Techniques” can be renamed as “Numerical Methods” and content should be more of generic type rather than emphasizing on software. Software should not be taught as part of curriculum.
- Option of Internship and major project based on research work with same credits cannot placed together in same basket. It may be considered separately and shown in to two components. Internship with two courses may be offered in option of major project.
- Course content of “Civil Engineering Drawing and Building Planning” should emphasize on understanding of various professional drawings such as structural drawings, MEP drawings etc. Some exercise about study of drawings should be kept in assignments.
- Basics of bridge engineering, tunnel engineering and IRC loadings should be added in courses related to Transportation Engineering at appropriate places.
- A course on “Estimation and Costing” might be offered in 5<sup>th</sup> or 6<sup>th</sup> semester, instead of 7<sup>th</sup> semester, with more emphasize on actual practices followed in profession.
- Basic introduction to Accounting along with legal aspects & arbitration related to construction project should be included in curriculum.
- There should not be compulsion in bringing down the credits.
- No. of teaching hours assigned should be revisited. For example, no. of lectures for open channel flow in Fluid Mechanics are not sufficient. No. of lectures assigned to Geology are also not sufficient.

**Elective courses / Open elective courses related:**

- Department electives shall be offered level wise, so that students does not face difficulties in understanding advanced topics.
- Streamline department electives in different baskets such that if offers “Academic lanes” and students can opt electives of particular sub-discipline of civil engineering in subsequent semesters.
- Elective course on “Bridge Engineering” should be considered under the sub-discipline Structural Engineering rather than Transportation Engineering.
- A course on “Approximate methods” can be added in list of elective courses, which deals with approximate solutions of various problems across all sub-disciplines of civil engineering such as structures, hydraulics, fluid mechanics, applied mechanics etc. Book on approximate methods authored by Scarlet should be referred for the same.
- A course on “Arbitration” or “Engineering Law” may be offered as an elective course which deals with importance of project from business context.
- Five open electives are on much higher side. It would not serve purpose by diluting core courses. Open electives shall be reduced to three and for remaining two courses option shall be given to students to opt for core department elective courses.
- A course on Mechanical, Electrical and Plumbing (MEP) Engineering Services” shall be offered as one of the open electives by Mechanical / Electrical department as per the requirement of Civil Engineering.

**General suggestions / comments:**

- Curriculum shall be aligned with the Vision and Mission of the department.
- Departmental “Minor specialization” shall be renamed as “major specialization” or “honours”.
- Credits shall be finalized based on Intellectual inputs required from the students rather than contact hours. For example same credits for major project and internship should not be assigned.
- Credit shall be offered for all the courses whether it might considered for award of degree or not, as it provides encouragement to do the work. No supplementary course should go without any credit.



Dr. Urmil V. Dave

- A topic may be added in course (wherever possible) which spread awareness among students about various professional bodies / agencies for specific sub-discipline of civil engineering. Students should be encouraged to be members of professional societies.

**Course pedagogy / assessment related:**

- Correlation of theoretical concepts with practical aspects should be covered in pedagogy.
- Faculty and students should enroll for NPTEL courses as these courses are peer reviewed and are of good quality.
- Course of “Introduction to Civil Engineering” shall be conducted by maximum 2-3 senior most faculty members. Real life cases shall be discussed in story telling manner, which sensitize students and generate their interest in Civil Engineering. Some research is required to finalize pedagogy for the said course.
- Assignments for the course of “Civil Engineering Drawing and Building Planning” should be framed in such a manner that students can understand, read and analyse actual drawings of various construction projects. Students may be asked to collect drawings of construction project and to present in front of other students and faculty members.
- Some part of the laboratory work (wherever possible) shall be carried out based on field work or actual practices followed in the profession.
- Different assessment mechanism shall be thought of for courses like Civil Engineering Drawing and Building Planning. Same evaluation mechanism shall not be followed for all the courses.
- One assignment should be given to students, which is not a part of regular curriculum and provides them opportunity for additional learning by putting extra efforts.
- Opportunity should be given to fast learners to earn more credits.



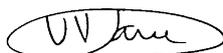
Various stakeholders discussing curriculum revision at C-conference room

External experts have appreciated efforts of department in preparing revised curriculum in line with AICTE model curriculum & curriculum of other reputed Institutions and convey their compliments to Head of the department and faculty members for framing relevant course structure.

Meeting ended with vote of thanks. Dr. P. V. Patel thanked all the members for their valuable suggestions and inputs for curriculum revision of UG programme of Civil Engineering Department.

HEAD, Civil Engineering Department

Copy to: Additional Director, School of Engineering, IT-NU.  
HEAD – Civil (For Records), All Faculty Members

  
Dr. Urmil V. Dave

January 10, 2020

Submitted To: The Additional Director, SoE, IT-NU  
Through: The Deputy Registrar, IT-NU

Subject: Approval of expenses of mementos for external experts invited for the proposed meeting of revision in curriculum of B. Tech. Civil Engineering on January 18, 2020

Dear Sir,

Department of Civil Engineering has planned to arrange the meeting of stakeholders for inviting suggestions for the proposed revision in Curriculum of the B. Tech. Civil Engineering Programme on January 18, 2020 at 11 AM in Conference room, Block C of NU Campus. It is proposed to invite the following external experts for the meeting.

| Sr. No. | External Members   | Affiliation                                                                              |
|---------|--------------------|------------------------------------------------------------------------------------------|
| 01      | Prof. A. V. Thomas | Director, Adani Institute of Infrastructure, Ahmedabad                                   |
| 02      | Mr. Vijay Shah     | CEO and Owner, Bhoomi Consultants, Ahmedabad                                             |
| 03      | Dr. Rakesh Kumar   | Sr. Principal Scientist, Head - Rigid Pavements Division, CRRI, New Delhi                |
| 04      | Prof. B. L. Swami  | Professor, Department of Civil Engineering, MNIT, Jaipur                                 |
| 05      | Mr. Shreyansh Shah | CEO and Director, Savvy Infrastructure Pvt. Ltd., Ahmedabad and Alumni of the Department |

In addition to the invited external experts, faculty members of BoS from Civil Engineering Department and selected students of B.Tech. Civil Semester VIII will also attend the said meeting.

It is planned to present to each the invited external experts memento worth Rs. 2,000/- each. It is therefore requested to approve the expenditure as requested.

Thanking you,

Yours sincerely,



Dr. Urmil V. Dave  
Professor, CED, IT-NU.

May be approved  
df 10/1

  
B/1

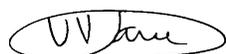
# Industry Feedback 2019-20

| Sr No | Feedback Date & Time  | Organization Name           | Name              | Designation                 | Contact No     | E-mail                        | Branch | General Comments                                                                                                                                                                      | Suggestions For New Subjects                                                                  | Suggestions For New Topics                                                                                                  | Other Suggestions Relevant To Syllabus                                                              |
|-------|-----------------------|-----------------------------|-------------------|-----------------------------|----------------|-------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1     | 1/17/2018 9:56:31 AM  | Kalpataru limited           | Mr. Santosh Yadav | Project Manager             | 98 33 94 50 76 | santosh.yadav@kalpataru.com   | CL     | No all subjects are fine                                                                                                                                                              |                                                                                               |                                                                                                                             |                                                                                                     |
| 2     | 1/17/2018 10:28:13 AM | M/s P. R. Patel & Co.       | Mr. Keyur Patel   | Project Manager             | 99 09 01 70 47 | pr.patelamc@gmail.com         | CL     | The course already have covered all subjects which are necessary for engineers at under graduate level                                                                                | No                                                                                            | There should be more further revision of course & include more about the new technologies used in the construction industry | More focus should be given on various software which are helpful in managing & developing a project |
| 3     | 1/17/2018 12:01:39 PM | Sankalp group of companies  | Mr. Ketan Patel   | Chief engineer (operations) | 99 09 98 42 85 | pr.engineer@sankalponline.com | CL     | You should include some new technologies in your syllabus.                                                                                                                            | Foundation engineering (soil protection systems)                                              | Soil nailing, diaphragm wall, pile shoring                                                                                  | Add the suggested input.                                                                            |
| 4     | 1/17/2018 12:39:53 PM | Sangini                     | Kamal Khunt       | Chief Engineer              | 90 33 16 66 98 | kamalkhunt@gmail.com          | CL     | There is always need of improvement at any stage. Overall students displayed good versatility in terms of course they have learned.                                                   | Regular site training instead of keeping it all together in the 8 semester of the coursework. | Widening of course CPM required.                                                                                            | No.                                                                                                 |
| 5     | 1/17/2018 12:42:44 PM | AMULED DAIRY                | Maulin Mehta      | Dairy supervisor Engineer   | 97 27 41 08 46 |                               | CL     | Please give information regarding all the latest equipment and methods in the syllabus.                                                                                               | N.A                                                                                           | N.A                                                                                                                         | N.A                                                                                                 |
| 6     | 1/17/2018 1:20:42 PM  | HiTech Engineers            | Gaurang Bhawar    | Billing Engineer            | 88 49 29 40 57 | sskyaps@hittechprojects.co.in | CL     | Practical knowledge should be more in students, more of such courses should be there                                                                                                  | AutoCAD, MS Project                                                                           |                                                                                                                             |                                                                                                     |
| 7     | 1/17/2018 1:42:05 PM  | HCP DPM Pvt. Ltd            | Jignesh Patel     | Project manager             | 99 98 25 64 54 | jignesh.patel@hcp.co.in       | CL     | Both students are studious and hard working.                                                                                                                                          | Carry out study on Prestress concrete and Stressing activity in bridge portion.               | Visit Metro Project in Ahmedabad                                                                                            | No Comments                                                                                         |
| 8     | 1/17/2018 1:46:08 PM  | HCP DPM Pvt. Ltd            | Jignesh Patel     | project manager             | 99 98 25 64 54 | jignesh.patel@hcp.co.in       | CL     | Both students are studious and hard working.                                                                                                                                          | Carry out study on Prestress concrete and Stressing activity in bridge portion.               | Visit Metro Project in Ahmedabad                                                                                            | No comments                                                                                         |
| 9     | 1/17/2018 2:13:22 PM  | HiTech Engineers            | Gourang Bhavsar   | Billing Engineer            | 88 49 29 40 57 | sskyaps@hittechprojects.co.in | CL     | Students are practically less equipped.                                                                                                                                               | Teach softwares like MS Project, AutoCAD                                                      | Practical experience                                                                                                        | Focus on enhancing drawing skills                                                                   |
| 10    | 1/18/2018 4:39:15 PM  | shapoorji palonji realstate | Ankit Modi        | Assistant Manager           | 96 19 89 70 30 | ankit.modi@shapoorji.com      | CL     | practical training in final semester is appreciated.                                                                                                                                  | quantity surveying, quality management and assurance                                          | latest trend in civil engineering and new technology                                                                        | NA                                                                                                  |
| 11    | 1/19/2018 6:30:24 PM  | goyal pro con llp           | anish varghese    | Site engineer               | 70 69 00 16 52 | sandp@goyalco.com             | CL     | after completion of last semester student facing problem to read a plan of commercial and high rise building and also facing problem to communicate with skill labor due to FPS unit. | please make more active in planning engineering subject to read plan.                         | Please include the plan of high rise building and commercial building.                                                      |                                                                                                     |
| 12    | 1/30/2018 12:35:25 PM | PSP Projects Ltd            | Sunil Mehta       | Project Manager             | 94 27 86 37 65 | sunilmeha@yahoo.co.in         | CL     | Civil Engineering is not confined to structures and planning it should also involve other aspects such as plumbing and other infrastructure facilities                                | Infrastructure requirements for a certain project- case study                                 | case study student own project preparation                                                                                  | no                                                                                                  |

  
Dr. Urmil V. Dave

# Feedback Alumni 2018-19

| Sr No | Feedback Date & Time | Rollno   | Name                          | Branch | Passing Year | Designation                             | Office address               | Home address               | Mobile No. | E-mail             | General Comments                                                                                                     | Suggestions For New Subjects                                        | Suggestions For New Topics                       | Other Suggestions Relevant To Syllabus                                           |
|-------|----------------------|----------|-------------------------------|--------|--------------|-----------------------------------------|------------------------------|----------------------------|------------|--------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------|
| 12    | 17-01-2018 15:01     | 05bcd067 | Nikunj Dave                   | CL     | 2009         | If self employed:Managing Director      | B-2 Gokul Complex, Opposi    | 4A Vishram Park Society, O | 9824050974 | Nikunj@aaryaprecas | I would like to add value to the syllabus by recommending LEAN Construction Topic to be given as an elective subject | No Subject can be added under construction Engineering & Management | More site visit required to add with the subject |                                                                                  |
| 13    | 17-01-2018 15:24     | 10MCLC01 | ARIJUNKUMAR MAYURKUMAR BUTALA | CL     | 2012         | Current designation:Assistant Professor | U.V.Patel College of Engine  | 5B Harisidhha Society Mal  | 9408587332 | arjunbutala@gmail  | It was nice experience to meet all friends at one stage after long time.                                             | Elective subject need to be increased in M.Tech                     |                                                  |                                                                                  |
| 14    | 17-01-2018 17:14     | 12bcd008 | Darji mehul hasmukhbhai       | CL     | 2016         | Current designation:Engineer            | Plot no.101,part 3 Sector 24 | Pethapur, gandhinagar      | 8200740189 | Medarji008@gmail   | Please eliminate chemistry and some non civil subjects from 1st semester and increase last semester training period  | Transmission line construct                                         | Virtual reality based pre construction planning  | Take Hard level semester exam. In future it will help students for gate and IES. |



Dr. Urmil V. Dave

| Sr No | Feedback Date & Time | Rollno  | Name                   | Branch | Passing Year | Designation                                     | Office address                                          | Home address                                                                                     | Mobile No. | E-mail                   | General Comments                                                                                      | Suggestions For New Subjects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Suggestions For New Topics                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Other Suggestions Relevant To Syllabus                                                                                                                                                                                                                                                                                                                  |
|-------|----------------------|---------|------------------------|--------|--------------|-------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------|--------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 30-07-2018 16:19     | 09mcl01 | Mehul pethani          | CL     | 2011         | If self employed: Sr. Executive engin           | Linde engineering india Pvt Ltd vadd                    |                                                                                                  | 9904427071 | pethanimehul@gmail.com   |                                                                                                       | Off shore structre system and its framing system, Different overview on transportation system like Sea transportation of structure, SPMT Transport of structure, Lifting analysis of structure                                                                                                                                                                                                                                                                                                                                     | Steel connection design : Shear connection, Moment connection, Slotted connection, Concrete connection detail,                                                                                                                                                                                                                                                                                                                                                                     | Every End of Lecture there is one discussion related to GATE examination/ GPSC preparation related                                                                                                                                                                                                                                                      |
| 2     | 30-07-2018 17:27     | 99CT22  | Megha Vyas             | CL     | 2003         | Current designation: Director at Electra techno | B1 103 PALLADIUM, BEHIND VODA                           | D1-22 officers colony bh circuit hou<br>203 SUNDARAM RESIDENCY JAWAH                             | 9909965413 | meghavyaslect@gmail.com  | Request you to update us regarding Alumni function                                                    | Hydraulics, 3D civil software, Building services, Infrastructure services,                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Water chemistry, Water biotechnology, Latest Fire protection services                                                                                                                                                                                                                                                                                                                                                                                                              | keep us update or share civil syllabus for review & comments                                                                                                                                                                                                                                                                                            |
| 3     | 30-07-2018 19:27     | 09MCL01 | Nandish Ramesh Pethani | CL     | 2011         | Founder Partner, Nector Group                   | B104 Silicon Valley Shivranjani sate                    |                                                                                                  | 9824700084 | nandish@nepc.in          | We need more field visit and field work                                                               | GIS and Structural Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Structural Health monitoring                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Pl. add the subjects which are choose by world's top 10 engineering Institutes. Also include field visit to have touch and feel engineering. It's not just about just a good graphical PPT. That is available on Youtube. It's about the carving of a thought proces inside every student in such a way that engineering becomes their view and vision. |
| 4     | 30-07-2018 23:27     | 13MCLC  | Harsh Rathod           | CL     | 2015         | Chief Executive Officer and PhD Res             | 50-3987, Gordon Head Road, Victoria, BC, Canada-V8N 3X5 | 50-3987, Gordon Head Road, Victoria, BC, Canada- V8N 3X5<br>A704 Silicon Valley Shivranjani sate | 7783507779 | hmrathod@hrginfrastructu | Overall, the quality of education is very well in line with the vision and mission of the department. | Although, the inclusion of new subjects for any new subject here, instrumentation: Every year there seems to be an incremental growth in the use of sensors in the field of civil/structural engineering. Majority of civil engineering students struggle dealing with sensors or their related data acquisition system during their academic experimental work and even in the field. The inclusion of instrumentation course may be able to alleviate some of the struggles. Let me know if you need more detail on this course. | Research/Academic Writing - I am aware of the course research methodology in the curriculum (I am not sure if it is still being offered). However, given the importance of this topic, the subject should be given more focus or elaborated. Following aspects may be covered, 1. Publishing article in high impact factor journal 2. What is a good literature search? 3. Importance of visuals and interactive charts in the research article 4. Consequences of plagiarism etc. | number of workshops/seminar and guest lectures every year. However, I am suggesting a few workshops here that might add value, 1. Intellectual property and copyright 2. Importance of networking 3. Importance of professionalism and 4. Resolving conflicts with your supervisor                                                                      |

4. Resolving conflicts with your supervisor

  
Dr. Urmil V. Dave

**Alumni Feedback Form**

**Rollno :**

**Name :**

**Branch :**

**Year of passing out :**

**Current designation :**

**Official address :**

**Home Address :**

**Mobile Number :**

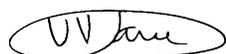
**E-mail :**

**\*\*Please give your feedback using the following format**

**General Comments :**

**Suggestions For New Subjects :**

**Suggestions For New Topics :**



Dr. Urmil V. Dave

**Any Other Suggestions  
Relevant To Syllabus :**

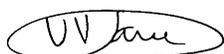
I know the department is very keen on organizing number of workshops/seminar and guest lectures every year. However, I am suggesting a few workshops here that might add value,  
1. Intellectual property and copyright  
2. Importance of networking  
3. Importance of professionalism and  
4. Resolving conflicts with your supervisor

Submit

Clear

Guided By : Prof. Devendra Vashi

Developed By : Manish Ambani & Mr. Prakash Khadaliya



Dr. Urmil V. Dave

# Feedback Parents 2018-19

| Sr No | Feedback Date & Time | Name                 | Rolho    | Parent Name                  | General Comments                                                                         | Suggestions For New Subjects                                                                               | Suggestions For New Topics                                 | Other Suggestions Relevant To Syllabus                                                                 | pid1 | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
|-------|----------------------|----------------------|----------|------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------|----|----|----|----|----|----|----|----|----|-----|
| 1     | 01-05-18 20:02       | Babariya Renish Diji | 16bc1153 | Dilipbhai K. Babariya        |                                                                                          |                                                                                                            |                                                            |                                                                                                        | 651  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4   |
| 2     | 01-05-18 23:26       | PATEL DHRUMIL P      | 15BCL027 | PARESHBHAI SURESH BHAI PATEL |                                                                                          |                                                                                                            |                                                            |                                                                                                        | 653  | 3  | 2  | 4  | 3  | 3  | 3  | 2  | 2  | 4  | 3   |
| 3     | 1/16/2018 2:46:1     | Faisal Katrawala     | 15bc1053 | Farhana Katrawala            | Everything about the course and the institute is good except for the timings.            |                                                                                                            |                                                            |                                                                                                        | 655  | 4  | 3  | 5  | 4  | 5  | 3  | 4  | 3  | 4  | 4   |
| 4     | 1/22/2018 3:37:5     | Ghetia Anandkumar    | 16BCL157 | Ghetia Hareeshbhai L.        | The overall progress is very good and we being as parents are satisfied with result.     | Practical training or application of theory in field.                                                      | Advance in concrete area.                                  | No particular suggestion relevant to syllabus.                                                         | 656  | 4  | 5  | 5  | 4  | 5  | 5  | 4  | 5  | 5  | 4   |
| 5     | 1/22/2018 3:56:5     | Madhav Lakhotia      | 15BCL058 | Ghanshyambhai Lakhotia       | Hostel facilities should be there.                                                       | No                                                                                                         | No                                                         | No                                                                                                     | 657  | 4  | 4  | 5  | 5  | 5  | 5  | 5  | 4  | 5  | 5   |
| 6     | 1/22/2018 4:05:3     | Javkush Agrawal      | 15bc1059 | Javkush Agrawal              | structure engineering oriented syllabus transportation engineering portion is very less. | related to pavement design.                                                                                | e-tending and related to field work labour management etc. | it should be managed and proper.                                                                       | 658  | 3  | 4  | 5  | 4  | 4  | 4  | 4  | 5  | 3  |     |
| 7     | 1/22/2018 5:08:2     | Deepanshi Mathur     | 16BCL055 | Sandeep Mathur               |                                                                                          |                                                                                                            |                                                            |                                                                                                        | 659  | 5  | 5  | 5  | 4  | 5  | 5  | 5  | 5  | 5  | 5   |
| 8     | 1/22/2018 5:43:3     | Dhanya Shah          | 16bc1108 | Hiten Shah                   |                                                                                          |                                                                                                            |                                                            | More site visit should be there for students so that they get more practical knowledge.                | 660  | 5  | 4  | 5  | 5  | 5  | 4  | 5  | 5  | 5  | 5   |
| 9     | 06-06-18 18:43       | ANKIT SANGADA        | 16BCL049 | RAAMESH SANGADA              | Nil                                                                                      | latest technology for using plastic waste material in construction of roads to be introduced in education. | nil                                                        | All semester wise results of student, should be sent to the parents, along with students through mail. | 661  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5   |
| 10    | 7/31/2018 11:31:1    | Solanki Hiren Rajesh | 16BCL064 | Solanki Rajeshbhai Babu      | no                                                                                       | no                                                                                                         | no                                                         | no                                                                                                     | 696  | 4  | 5  | 4  | 5  | 5  | 4  | 4  | 3  | 5  | 4   |
| 11    | 7/31/2018 11:34:1    | Vasani Sagar Ishwar  | 16bc1080 | Vasani Ishwarbhai Khimji     | NO                                                                                       | NO                                                                                                         | NO                                                         | NO                                                                                                     | 697  | 4  | 4  | 5  | 3  | 4  | 4  | 4  | 4  | 5  | 4   |
| 12    | 7/31/2018 11:43:3    | Vaghela Jyeshkumar   | 16bc1075 | Vaghela Nanjhal Dhudai       | no                                                                                       | no                                                                                                         | no                                                         | no                                                                                                     | 698  | 4  | 5  | 3  | 5  | 5  | 5  | 5  | 5  | 5  | 4   |
| 13    | 7/31/2018 1:58:4     | Mukund Rungta        | 16bc1002 | Anjani Kumar Rungta          | none                                                                                     |                                                                                                            |                                                            |                                                                                                        | 700  | 5  | 5  | 5  | 4  | 5  | 4  | 5  | 3  | 4  | 4   |



Dr. Urmil V. Dave

# Feedback Students 2018-19

| Sr No | Feedback Date & Time  | Name                          | Rollno   | Semester | Year of Passing | General Comments                                                        | Suggestions For New Subjects                                                                                      | Suggestions For New Topics               | Other Suggestions Relevant To Syllabus                                                                                                          |
|-------|-----------------------|-------------------------------|----------|----------|-----------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 01-03-18 0:41         | Shivani Trivedi               | 16BCL112 | IV       | 2020            | Well defined syllabus                                                   | None                                                                                                              | Probably more sheets regarding planning. | None                                                                                                                                            |
| 2     | 01-05-18 17:44        | Sherin Patel                  | 15bcl104 | III      | 2020            | No comments                                                             | -                                                                                                                 | -                                        | -                                                                                                                                               |
| 3     | 01-07-18 18:08        | SAGAR RAMESHBHAI JOTANI       | 17BCL171 | IV       | 2014            | NO                                                                      | NO                                                                                                                | NO                                       | NO                                                                                                                                              |
| 4     | 1/18/2018 1:01:13 PM  | adenwala maher                | 15bcl004 | VI       | 2019            | good teaching skills faculty must be allocated to student.              | more practical work should be taken in consideration.                                                             | none                                     | according to number of classes he syllabus should be equal, There should be little bit less syllabus content .                                  |
| 5     | 7/31/2018 11:28:03 AM | Solanki Hiren Rajeshbhai      | 16BCL064 | V        | 2020            | Good syllabus                                                           | Laboratory in construction material subject                                                                       | Stimulation of various process           | no                                                                                                                                              |
| 6     | 7/31/2018 11:37:27 AM | Vasani Sagar Ishwarlal        | 16bcl080 | V        | 2020            | Institute is strict which is necessary for the development of students. | Institute could have offered more subjects on technical aspects rather than non-technical aspects.                | No                                       | Senior Faculties should have taught in the young semesters rather than the higher ones. It could improve the basic concepts the the individual. |
| 7     | 7/31/2018 11:40:01 AM | vaghela jayeshkumar nanjibhai | 16bcl075 | V        | 2020            | no                                                                      | instead of BTP(building and town planning) subject should be BTIP(building, planning and infrastructure planning) | no                                       | no                                                                                                                                              |
| 8     | 7/31/2018 1:55:07 PM  | Mukund Rungta                 | 16bcl002 | V        | 2020            | Syllabus is sufficient for us.                                          | Interactive subjects can be added.                                                                                |                                          |                                                                                                                                                 |
| 9     | 7/31/2018 1:59:58 PM  | Parth Patel                   | 15bcl081 | V        | 2020            | no                                                                      |                                                                                                                   |                                          |                                                                                                                                                 |
| 10    | 7/31/2018 2:31:13 PM  | Sherin Patel                  | 15bcl104 | V        | 2020            | None                                                                    |                                                                                                                   |                                          |                                                                                                                                                 |



Dr. Urmil V. Dave













# Industry Feedback 2017-18



Prof. Hemang Dalwadi <hemang.dalwadi@nirmauni.ac.in>

## Regarding Industry Feedback for Curriculum of B.Tech Civil, Civil Engineering Department, Nirma University

Prof. Hemang Dalwadi <hemang.dalwadi@nirmauni.ac.in>

Fri, Sep 18, 2020 at 1:05 PM

To: tapashbasu@tataprojects.com

Dear Sir,

We hope you are keeping yourself safe amidst this pandemic.

Department of Civil Engineering, Institute of Technology, Nirma University is regularly revising the syllabus for improving teaching learning.

Outcome Based Education is emphasized by the NBA. The Civil Engineering Department has implemented Outcome Based Education (OBE), which is the student centered learning philosophy that focuses on empirically measuring student performance, which are called outcomes.

Being one of the important stakeholders of Nirma University, we would like to share new syllabus implemented in Civil Engineering Department from 2018-19 batch.

We request your valuable feedback for the improvement of the syllabus.

Awaiting your positive response.

Please find the syllabus attached herewith for your reference.

I have also shared a google form for giving feedback for the syllabus.

--

### Thanks & Regards

Prof. Hemang Dalwadi  
M.Tech., Ph.D. (Pursuing)  
Assistant Professor  
Civil Engineering Department  
School of Engineering  
Institute of Technology  
Nirma University  
Ahmedabad  
Cabin: B-107  
Phone (M): +91 9724642799  
e-mail: [hemang.dalwadi@nirmauni.ac.in](mailto:hemang.dalwadi@nirmauni.ac.in), [dalwadihemang@gmail.com](mailto:dalwadihemang@gmail.com)

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#### WARNING

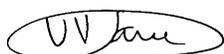
This communication, including any attachments, may not be free of viruses, interceptions or interference, and may not be compatible with your systems. You should carry out your own virus checks before opening any attachment to this e-mail. The sender of this e-mail and Nirma University shall not be liable for any damage that you may sustain as a result of viruses, incompleteness of this message, a delay in receipt of this message or computer problems experienced.

Dr. Urnil V. Dave



**Curriculum-B.Tech Sem I to VI Civil-Engg.pdf**

1224K



Dr. Urnil V. Dave



Pvt. Ltd.

Garden City, B/H GIDC 500 Quarters Residency, Valia Road, Ankleshwar- Gujarat.

Nirma University is salient University of India for Higher education with so many years of Experience in teaching field. The University emphasis for all round development of its student & this has helped the industry to a great entente. It has become a university which has contributed a lot to the society. It has tried to recognize the potential of each & every student & have come up with various programs that could change the thinking capabilities of students. Nirma has provided the best facilities to the students i.e. from Lab experience to field application & much more. They have shaped mind of students to four on various career opportunities & that has made then competent to fight against other students in the industry

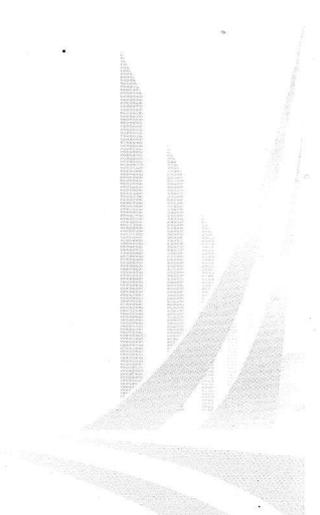
I hope Nirma University grows & provides same service to the society.

**For, Mansi Realty Private Limited**

**Authorised Signatory**



Dr. Urmil V. Dave



# Parents Feedback 2017-18

| Sr No | Feedback Date & Time | Name             | RolNo    | Parent Name       | General Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Suggestions For New Subjects                                                                                     | Suggestions For New Topics                                                                                                                                                                                                                                                      | Other Suggestions Relevant To Syllabus                                                                                                                                                                                                                                                                       | pi1 | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
|-------|----------------------|------------------|----------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|----|----|----|----|----|----|----|----|-----|
| 1     | 01-06-17 19:05       | Darshit Sonani   | 14BCL128 | litendra Sonani   | Practical exposure should be there in each and every subject. Frequent site visit should be there.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                  |                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                              | 543 | 4  | 3  | 4  | 3  | 5  | 4  | 5  | 3  | 3  | 3   |
| 2     | 01-08-17 7:55        | Patel Mayurkumar | 14BCL084 | Patel Dilipbhai C | Field visit has to be arranged more for better understanding of real situation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                  |                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                              | 544 | 4  | 4  | 4  | 4  | 5  | 4  | 4  | 4  | 4  | 4   |
| 3     | 7/18/2017 10:00      | Patel Mayurkumar | 14BCL084 | Patel Dilipbhai C | Lab Facilities can be improvable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Environment Engineering 2 Subject has to be revised                                                              | Water & Air part in EE-1 Waste Water & SWM in EE-2                                                                                                                                                                                                                              | Faculty experience has to be improvable and placement facilities has to be improved                                                                                                                                                                                                                          | 617 | 3  | 4  | 4  | 3  | 5  | 4  | 4  | 4  | 4  | 4   |
| 4     | 7/23/2017 6:13:11    | AUMSHAMBHUBHAI   | 15BCL011 | SHAMBHUBHUBHAI K  | TWO TIMES BUT SORRY TO SAY THAT WHETHER OUR SUGGESTIONS ARE CONSIDERED OR NOT ? HOW CAN WE PARENTS KNOW WHETHER IT IS ACCEPTED OR NOT. IF THIS IS THE ONLY FORMALITIES TO COLLECT FEEDBACKS FROM PARENTS, THEN IT IS OK... I HOPE, SOME OF OUR SUGGESTIONS ARE GENUINE AND CAN BE ACCEPTED... I AM REPEATING MY FEEDBACK AS IT WAS SENT EARLIER... BUT ONE MORE SUGGESTION, I WOULD LIKE TO EXPRESS IS HERE... IN CLASS ROOM STUDY, FACULTIES MUST BE KEPT IN ROTATION SO THAT EACH FACULTIES CAN SHARE THEIR KNOWLEDGE AND EACH STUDENT CAN TAKE THE ADVANTAGES OF DIFFERENT INTELLECTUAL LEVEL OF FACULTIES.. 1) To promote the interest of students participating in sports activities, must be given some relaxation/compensation in terms of class room Presence & Expenses when they represents NU at any Competitions. 2) Hostel facility is essential for all students from Sem-I to save the time, Energy, money and many more of students. 3) When NU is suggesting some NGOs, Agencies, Institutes for Students to stay, it is the prime responsibilities of NU to | Parents must be informed regarding the progress of their wards on regular basis through mail or letter directly. | State Centre of Institute of Engineers (India) is located in Abad and they are arranging Lecture programmes on different topics on purely experienced & theory basis. All students should be get aware regarding the this activities and should encourage to participate in it. | As the Civil Engineering is absolute & ultimate linked with field work related activities. All students onwards Sem- II I must be assigned to Visit preselected construction site and should learn for basic & fundamental norms as well as sequences of activities are to be planned actually at work site. | 622 | 4  | 5  | 5  | 5  | 4  | 4  | 3  | 4  | 4  | 4   |

  
 Dr. Urmil V. Dave

# Alumni Feedback 2017-18

| Sr No | Feedback Date & Time | Rollno   | Name             | Branch | Passing Year | Designation                | Office address | Home address | Mobile No. | E-mail                 | General Comments                                 | Other Suggestions Relevant To Syllabus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------|----------------------|----------|------------------|--------|--------------|----------------------------|----------------|--------------|------------|------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10    | 07-07-2017 22:42     | 13bcl045 | Hitesh Limbasiya | CL     | 2017         | If self employed:GET       | A              | A            | 9624374184 | Hiteshlimbasiya0@gmail | Balanced approach to each subject is inevitable. | honestly only from my personal experience and not blaming any Gurus of mine who made me who I am today. I certainly believe that any of following points are worthless even to be considered if a student does not want to learn. 1. Activity and group discussion for theory based subject with relevant case studies is more effective than using PPT. 2. Use of PPT should be made limited to show photos/images/sketches. PPT full of texts makes student passive and give the habit of being dependent to limited |
| 11    | 07-12-2017 09:26     | 138CL113 | Dipesh Tariya    | CL     | 2017         | If pursuing higher study:P | Rajkot         | Rajkot       | 9429917189 | 138CL113@nirmauni.ac   | Over all good                                    | 1.Give more credits to Mini Project 1 and Mini Project 2<br>2.Connectivity is required theory and practical<br>3.Electives need to change<br>4.Concrete technology required to shift in 4th sem or 6th sem. 5.Subjects syllabus need to reduce                                                                                                                                                                                                                                                                         |



Dr. Urmil V. Dave

# Feedback Students 2017-18

| Sr No | Feedback Date & Time  | Name             | Rollno   | Semester | Year of Passing | General Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Suggestions For New Subjects                                                                                                                                                                                                                           | Suggestions For New Topics                                                                                                                                                              | Other Suggestions Relevant To Syllabus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------|-----------------------|------------------|----------|----------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 01-06-17 12:39        | poojan mahadevia | 15bcl164 | VI       | 2018            | the subjects offered to us should be more practice related type and we have seen in previous semesters too that theory that will not be useful for us was to be studied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | relative practical studies                                                                                                                                                                                                                             | no                                                                                                                                                                                      | no                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2     | 01-06-17 12:46        | Dhaval Kanani    | 15bcl161 | VI       | 2018            | Please Visit more Sites for getting Practical Knowledge. Suggest more Practical Example Which is actual happened in Construction Site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Practical software Based subject like AutoCad , Revit Architecture , in Detail                                                                                                                                                                         |                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 3     | 01-06-17 12:48        | Darshit Sonani   | 14bcl128 | VI       | 2018            | there should be practical approach to every subject and the theory should possess practical importance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Computational Tools for Civil Engineering                                                                                                                                                                                                              |                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 4     | 01-06-17 12:59        | Kapil Dhabu      | 13BCL038 | VIII     | 2017            | Not happy with the consideration given to the major subjects, the extra additional subjects should not be put in main curriculum as they hinder the time and energy required for proper learning of core subjects.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Subjects, if are to be added, must be from core of the branch and must have proper faculty for the same. Simply adding a new subject without preparation hurts a lot to the student when he doesnt get to learn in depth with the vastness of subject. | Before addition of new elements, strengthening of existing ones should be done.                                                                                                         | If possible, remove subjects like OB, Creativity and Innovation and likewise from main curriculum. If cant be removed, atleast remove the credits from them and make them like yoga. Attend the classes should be made compulsion, but not adding their marks in grades. And in place of that, the core subjects should be given more time as in last 4 semesters, at the ending time, the most important topics were left with least time and then we had to study on our own. This actually degrades the efficiency of output. |
| 5     | 01-06-17 19:38        | Aagam M. Dalal   | 14BCL001 | VI       | 2018            | The Civil Department lives up to its promise of theoretical knowledge, but not so much when it comes to practical knowledge. We need to see the following as a part of our curriculum or in labs to get a feel of the field: 1. One visit to Sardar Sarovar Dam 2. One visit to Ambaji for Surveying 3. One visit to multistoreyed site Also the communication process is rendered ineffective at times during the lectures, that is because the syllabus does not include current innovations in the topics, nor does it make us relate with the actual subject at hand, especially Structure subjects. There is nothing gravely wrong, only a few textbooks and question paper styles need to be updated keeping in mind the vagaries of change this domain faces in the contemporary sense. | 1. Quantity Estimation and Cost Survey(2nd Year) 2. Civil Laws and Land Study with Tendering and Project Planning 3. Fundamentals of Architecture 4. Feasibility Analysis of Projects                                                                  | 1. Sustainable Building Technologies, Cost estimation and which material to be selected-- Building Construction Materials 2. Planning of Public Buildings--- Building and Town Planning | Derivations should be omitted and practical based questions should be asked. Also conceptual questions should be included in the question paper rather than descriptive short notes.                                                                                                                                                                                                                                                                                                                                             |
| 6     | 7/19/2017 10:06:55 AM | krushna y joshi  | 15bcl049 | V        | 2019            | no comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | subjects from humanities should be included                                                                                                                                                                                                            | subjects improving reasoning ,appitude should be included                                                                                                                               | current syllabus is good                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 7     | 7/19/2017 10:14:38 AM | lavkush agrawal  | 15bcl059 | V        | 2019            | civil engineering department focus mostly on structure engineering only and most of faculties are related to structure field , part of transport and CPM engineering is very little in course syllabus also faculties of other sub branches except structure is very less. in my suggestion please focus on new sub branches also .                                                                                                                                                                                                                                                                                                                                                                                                                                                            | mega civil engineering projects , tunneling , piling , water treatment plant designing etc.                                                                                                                                                            |                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



Dr. Urmil V. Dave





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Dr. Urmil V. Dave

# Feedback Industry 2016-17

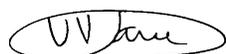
| Sr No | Feedback Date & Time  | Organization Name                 | Name           | Designation                    | Contact No     | E-mail                  | Branch | General Comments                                                                               | Suggestions For New Subjects                                          | Suggestions For New Topics                                                     | Other Suggestions Relevant To Syllabus |
|-------|-----------------------|-----------------------------------|----------------|--------------------------------|----------------|-------------------------|--------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------|
| 27    | 17/18/2016 1:23:14 PM | JP ISCON PVT. LTD.                | MONALIKHUNT    | ASSISTENT PROJECT CO-ORDINATOR | 76 98 94 72 69 | mona62926@gmail.com     | CL     | NO COMMENTS                                                                                    | NIL                                                                   | NIL                                                                            | NO SUGGESTION                          |
| 28    | 1/19/2016 2:43:58 PM  | Valecha Engineering Ltd, Mumbai   | Boominathan    | Junior site engineer           | 99 44 39 20 67 | boomnn33@gmail.com      | CL     | Current syllabus should bridge the gap between theoretical knowledge and actual site practices | Hydraulics engineering should be combined with hydrology lab studies. | Rehabilitation of structures should be focused upon in structural engineering. |                                        |
| 29    | 05-08-16 10:58        | AjayEng. Infrastructure Pvt. Ltd. | Ruchit Patel   | Sr. Execution Engineer         | 95 58 25 48 17 | ruchit.p.1717@gmail.com | CL     | There should be more focus on latest instrument studies than older instruments.                | Quality control                                                       |                                                                                |                                        |
| 30    | 05-09-16 10:59        | Bakeri Group                      | Mr. Manan Shah | Project Manager                | 78 02 06 23 52 | manan.shah@bakeri.com   | CL     | Good                                                                                           |                                                                       | Total Station practical                                                        |                                        |



Dr. Urmil V. Dave

# Feedback Alumni 2016-17

| Sr No | Feedback Date & Time | Rollno   | Name            | Branch | Passing Year | Designation                             | Office address                                                                                                                 | Home address                                                                                                           | Mobile No. | E-mail                     | General Comments                                                                                                                                            | Suggestions For New Subjects                                                                                                                                                                                                                          | Suggestions For New Topics                                                                                                                                                                                                                                                                           | Other Suggestions Relevant To Syllabus                                                                      |
|-------|----------------------|----------|-----------------|--------|--------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 5     | 12/31/2016 7:38:26   | 12BCL030 | Nandita Sugan   | CL     | 2016         | If pursuing higher study/M.Mgmt.        | Room C-605, Hostel 15, IIT Bombay, Powai, Mumbai                                                                               | 51/1, Jawahar Marg, Dhanmandi Chauraha, Dhar, (M.P.)                                                                   | 9409295101 | sugandhi.nandita@gmail.com | The course structure has improved. Basic courses like Fluid Mechanics would be better if introduced earlier. More focus on practicals would be appreciated. | Advanced Construction Techniques, Bridge Designing and Advanced Foundation Designing                                                                                                                                                                  | Cover more details in designing. Cover more practice sessions of Structural Mechanics.                                                                                                                                                                                                               | Mandatory participation in engineering competitions would be fruitful. Even better if it leads to research. |
| 6     | 01-01-2017 14:13     | 04BCL029 | Harsh Harilal M | CL     | 2008         | Current designation:Assistant Professor | Civil Engineering Department, Silver Oak College of Engineering & Technology, Near Bhavik Publication, Sola Bhagwat, Ahmedabad | C-505, Ghanshyam Park Apartment, Behind Torrent Power Zonal Office, Near AEC Cross Road, Naranpura, Ahmedabad - 380013 | 9099496189 | harsh.morbia@gmail.com     | The course structure is good                                                                                                                                | "Design Engineering" subject can be added which is a need of the time. Design Engineering is a methodology leads to the innovation in any field. In the era of STARTUPS, this subject can be very much helpful to the students to be an entrepreneur. |                                                                                                                                                                                                                                                                                                      |                                                                                                             |
| 7     | 01-01-2017 21:43     | 12BCL039 | RAJAT S SANTIA  | CL     | 2016         | Current designation:Sales Engr          | BASF India Limited, Karaka Building No 1, First floor, Nr. bharat petroleum, Ashram Road, Ahmedabad                            | Room No :304, Sandipani hostel, Vandemataram city, Next to shukan Gold, New SG Highway, Nr. Gota Cross road, Ahmedabad | 9979855110 | rajat.santani@basf.com     | The overall curriculum is well designed keeping in view of the construction industry along with all the practical sites and internships are well executed   | No more subjects. Subjects are well designed and are technically sufficient.                                                                                                                                                                          | More focus on upcoming technologies in the construction industry like admixtures, equipments. The present curriculum provides the technical knowledge but not at a larger scale. Also more emphasis and focus on practical trainings and internships that gives a practical outlook to every aspect. | No.                                                                                                         |



Dr. Urmil V. Dave

# Feedback Parents 2016-17

| SrNo | Feedback Date & Time | Name                | RollNo     | Parent Name         | General Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Suggestions For New Subjects                                                                                   | Suggestions For New Topics                                                                                                                                                                                                                                                     | Other Suggestions Relevant To Syllabus                                                                                                                                                                                                                                                                     | pid1 | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|------|----------------------|---------------------|------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|----|----|----|----|----|----|----|
| 1    | 1/20/2016 1:30:2     | VIHANGI TRIVEDI     | 13 BCL115  | HITESH TRIVEDI      | students are enjoying vacation then the joy of study.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                | topics should help to achieve their goals like what exactly they want to be in future.                                                                                                                                                                                         | interest in the subject/topic has to be created, otherwise their knowledge will be lesser than the ITI student.                                                                                                                                                                                            | 424  | 4  | 4  | 4  | 5  | 5  | 4  | 4  | 4  |
| 2    | 03-01-16 6:45        | PARIN BODIWALA      | 13 BCL068  | RAKESH BODIWALA     | There should be site visit atleast one per month, increase the number of experts lecture, Workshops related to the subjects and its application should be conducted on regular basis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Subjects related to learning of various softwares like autocad, revit, staad, etabs, etc should be added.      |                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                            | 476  | 3  | 4  | 4  | 4  | 3  | 3  | 4  | 3  |
| 3    | 08-04-16 2:3:23      | poojan mahadevia    | 15 bcl 164 | mi hir mahadevia    | please try to make subjects more relevant towards core civil engineering and try update the old methods, and replace with the new ones as students should know about previous methods but not in deep, as they have no practical use of it.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                | practical relevance                                                                                                                                                                                                                                                            | At least most topics should be followed by practical relevance, so by this way students will get a better understanding of the topics as well as they can correlate it with any ongoing work.                                                                                                              | 499  | 5  | 5  | 4  | 3  | 5  | 5  | 4  | 3  |
| 4    | 08-05-16 0:25        | ADITYA BAKRANIA     | 15 BCL152  | CHEANKUMAR BAKRANIA |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                |                                                                                                                                                                                                                                                                                | Professional and Ethical Practice Information                                                                                                                                                                                                                                                              | 500  | 4  | 5  | 4  | 5  | 5  | 5  | 4  | 4  |
| 5    | 08-05-16 13:54       | Dhaval Kanani       | 15 bcl 161 | Karshanbhai Kanani  | please give practical knowledge (topic relevant)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                |                                                                                                                                                                                                                                                                                | set more site visit if possible                                                                                                                                                                                                                                                                            | 501  | 4  | 4  | 5  | 4  | 5  | 4  | 5  | 3  |
| 6    | 08-05-16 16:22       | DARSHIT JITENDRA SO | 14 BCL128  | JITENDRA SONANI     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | related to new construction technology                                                                         |                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                            | 502  | 4  | 4  | 4  | 3  | 4  | 3  | 4  | 3  |
| 7    | 08-06-16 11:22       | AUM SHAMBHUBHAI K   | 15 BCL011  | SHAMBHUBHAI KARKA   | 1) To promote the interest of students participating in sports activities, must be given some relaxation/compensation in terms of Class room Presence & Expenses when they represents NU at any Competitions. 2) Hostel facility is essential for all students from Sem-I to save the time, Energy, money and many more of students. 3) When NU is suggesting some NGOs, Agencies, Institutes for Students to stay, it is the prime responsibilities of NU to give feedbacks from students regarding the performance & Students experiences for particular recommended NGOs, Agencies and Agents. Some time Such paces spoils the minds of students from initial stage of their academic career. | Parents must be informed regarding the progress of his wards on regular basis through mail or letter directly. | State Centre of Institute of Engineers(India) is located in Abad and they are arranging Lecture programmes on different topics on purely experienced & theory basis. All students should be get aware regarding the this activities and should encourage to participate in it. | As the Civil Engineering is absolute & ultimate linked with field work related activities. All students onwards Sem-III must be assigned to Visit preselected construction site and should learn for basis & fundamental norms as well as sequences of activities are to be planned actually at work site. | 503  | 4  | 4  | 5  | 5  | 4  | 4  | 3  | 3  |



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|   |                |                        |           |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |   |   |   |   |   |   |   |   |
|---|----------------|------------------------|-----------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|---|---|---|---|---|---|---|
| 8 | 11-10-16 11:58 | AUM SHAMBHUBHAI K      | 15 BCL011 | SHAMBHUBHAI M. KARKA      | students who are participating in sports activities, must be given some relaxation/compensation in terms of Class room Presence & Expenses when they represents NIRMA UNI. at any Competitions at any places. (Students will have to bear the loss of his own pocket money & Class room Presence also) POINT No. :01 ALREADY SUGGESTED ON 06.08.2016 IN FEEDBACK FORM: 02). Hostels with Mess facilities, managed by NU management, are most essential & required for all students coming from out side of Ahmedabad. This will save the Precious Time, Energy, Money & Health of students. 3). At the time of Admission, NU suggests & recommends to all new students for hostel facilities & gives the lists of all such the addresses of NGOs , Institutions, Private Parties, Agents etc. and provides their contact numbers also. This is good facilities furnished by NU at initial stages on Admission. In this regards, I would like to draw the kind attention to NU Management that NU should collect feed backs from all those students staying in such places for their experiences and on that basis, NU should inform new comers to stay there. Because, some of such institutions, Agencies, NGOs are not good for | 01). Parents must be informed regarding the progress, presences, performances of his wards on regular basis through mail or letter directly. 02). ALL FACULTIES OF ALL SUBJECTS SHOULD BE ON ROTATION BASIS WHEN THERE IS MORE CLASSES OF SAME STANDARDS SO THAT ALL STUDENTS CAN GET THE ACTUAL BENEFIT OF SKILLS OF THAT FACULTIES. | 01). Ahmedabad is a Head Quarter of State Centre of Institute of Engineers( India) They have good library for all Engineering Students. They are arranging Lecture programmes on different topics on purely experienced as well as theory basis. All students of all streams must be informed regarding this activities and should encourage to participate in it. This will help the students to improve their communication skills & to develop the level of confident. | 01). As the Civil Engineering is absolute & ultimate linked with field work related activities. All students, onwards Sem-III must be assigned to Visit p-re-selected construction sites and should learn for basis & fundamental norms as well as sequences of activities are to be planned actually at any project work site. MOST OF ALL SUGGESTIONS AND NOTES WHERE SENT ON 06.08.2016 THROUGH FEEDBACK. NU SHOULD INFORM THE PARENTS REGARDING THE ACTIONS TAKEN BY NU W.R.T. THE SUGGESTIONS GIVE BY THOSE PARENTS. ALL SUGGESTIONS MUST BE DISPLAYED ON NU WEB SITE FOR BETTER TRANSPERANCY | 519 | 4 | 4 | 4 | 4 | 5 | 3 | 3 | 4 |
| 9 | 11-12-16 6:22  | Patel Krina Rajendrabh | 13 BCL074 | Patel Rajendrabhai Nathal | Excellent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                                                                                                                                                                                                                                                                                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Visit of field activity should more                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 533 | 5 | 5 | 5 | 4 | 5 | 5 | 5 |   |



Dr. Urmil V. Dave

# Feedback Students 2016-17

| Sr No | Feedback Date & Time  | Name                    | Rollno   | Semester | Year of Passing | General Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Suggestions For New Subjects                                                                                                                                                                            | Suggestions For New Topics                                                                                 | Other Suggestions Relevant To Syllabus                                                                                                                                                                        |
|-------|-----------------------|-------------------------|----------|----------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 03-04-16 10:02        | RAJAT SHRICHAND SANTANI | 12BCL039 | VIII     | 2016            | The Syllabus is quite helpful and is as per the various technological activities being applied in the construction industry. This gives us an above hand over our peers in the industry.                                                                                                                                                                                                                                                                                               | Earthquake Engineering and Demolition Engineering                                                                                                                                                       | None                                                                                                       | None                                                                                                                                                                                                          |
| 2     | 03-04-16 10:53        | kuldip patel            | 13bcl075 | VI       | 2017            | more teaching speed require                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                         |                                                                                                            | no.                                                                                                                                                                                                           |
| 3     | 03-04-16 11:06        | Dhruv Prajapati         | 13BCL084 | VI       | 2017            | Keep practical learning scheme in application than focusing much on theoretical aspects                                                                                                                                                                                                                                                                                                                                                                                                | Software learning subjects, Ocean structure engineering, Role of civil engineers in space technology, Site training (not only for structures consideration but also for Environment and other subjects) | Airport engineering, Any topic related to architect course,                                                | Keep content of syllabus short so that there is no need to run for completing syllabus at the end. keep 40% content of syllabus which is relevant or going to be relevant in upcoming period of practice.     |
| 4     | 08-05-16 9:46         | Kapil Dhabu             | 13BCL038 | VII      | 2017            | An informative subject for understanding the need of the time to cope up with one of the most dangerous elements of environmental health degradation.                                                                                                                                                                                                                                                                                                                                  | Anything more on practical aspects of the stream will be a good choice.                                                                                                                                 | Adding practical case studies or site visits to some plants may help in enhancing practical understanding. | No good resources related to subject available in the library for reference. Prior considerations for such things would be better for the subject as the subject is of self learning aspects on larger scale. |
| 5     | 08-05-16 9:52         | krishna desai           | 13bcl042 | VII      | 2017            | the syllabus designed for the various subjects is good enough but it lacks the proper execution.also the syllabus decided is a bit more than the time that is available to teach that particular syllabus,and so the teacher hurries to finish it.rather i would suggested to cut short the syllabus,which would include all the important topics,so that in the results are more qualitative rather than quantitative. the students would have a better understanding of the subject. | subjects that are more based on the practical exposure to the students.also subjects which would develop the professional skills of the students.                                                       |                                                                                                            |                                                                                                                                                                                                               |
| 6     | 08-05-16 10:01        | Neel Patel              | 13bcl079 | VII      | 2017            | current syllabus seems appropriate                                                                                                                                                                                                                                                                                                                                                                                                                                                     | a subject which includes understanding of new civil engineering softwares might be helpful                                                                                                              | none                                                                                                       | none                                                                                                                                                                                                          |
| 7     | 08-05-16 10:06        | Shubham Bhandari        | 13BCL108 | VII      | 2017            | the syllabus has been divided in an appropriate manner covering ample information. the way of teaching has also incurred a lot of interest in the subject.                                                                                                                                                                                                                                                                                                                             | understanding of any SOFTWARE                                                                                                                                                                           | none                                                                                                       | none                                                                                                                                                                                                          |
| 8     | 08-05-16 10:15        | Darshan R Prajapati     | 14bcl172 | VII      | 2016            | the student who have slected elective that all student should get class room...instead of having seating arrangement in lab for all the lectures...right now we are seating in laboratory for all the elective subjects lecture...so we are not able to sit in laboratory..more than 10 hrs per weak...                                                                                                                                                                                | ACT (advanced construction technology) that subject should be compulsory to all the student instead of as elective subject.                                                                             |                                                                                                            |                                                                                                                                                                                                               |
| 9     | 08-05-16 10:36        | snehil mehta            | 14bcl112 | V        | 2018            | practical for transportation and site visits should be there.                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                         |                                                                                                            |                                                                                                                                                                                                               |
| 10    | 08-05-16 10:39        | SHUBHAM AGARWAL         | 14BCL111 | V        | 2018            | We need to focus on practicals more than that on theory.                                                                                                                                                                                                                                                                                                                                                                                                                               | more labs session should be there, otherwise it covers all the knowledge.                                                                                                                               |                                                                                                            | More site visits are needed.                                                                                                                                                                                  |
| 11    | 08-05-16 10:41        | Het Shah                | 15BCL103 | III      | 2019            | CLASSROOMS SHOULD BE GOOD VENTILATED AND LIGHTED .                                                                                                                                                                                                                                                                                                                                                                                                                                     | AutoCAD , Revit should be taught                                                                                                                                                                        | AutoCAD Should be there                                                                                    |                                                                                                                                                                                                               |
| 12    | 08-05-16 10:44        | rohit yadav             | 15bcl097 | III      | 2019            | attendance should be less compusary                                                                                                                                                                                                                                                                                                                                                                                                                                                    | outacad ,more lab are require                                                                                                                                                                           | autocad                                                                                                    |                                                                                                                                                                                                               |
| 13    | 08-05-16 10:47        | Sammit Pancholi         | 15BCL099 | III      | 2019            | Look into the cleanliness of the campus. Otherwise,all is good.                                                                                                                                                                                                                                                                                                                                                                                                                        | None.                                                                                                                                                                                                   | More of practical training.                                                                                | Please try to make theory subjects more interesting in class.                                                                                                                                                 |
| 14    | 10/25/2016 3:08:13 PM | Sutariya Mansi K.       | 15bcl174 | V        | 2018            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Project Management                                                                                                                                                                                      | no                                                                                                         | no                                                                                                                                                                                                            |
| 15    | 10/25/2016 3:12:12 PM | Modi Vrushangi          | 15bcl167 | V        | 2018            | syllabus covers major aspect of that particular subject                                                                                                                                                                                                                                                                                                                                                                                                                                | Disaster management                                                                                                                                                                                     | no                                                                                                         | no                                                                                                                                                                                                            |



Dr. Urmil V. Dave

|    |                       |              |          |   |      |                                                                                                                                                                                                                                                                                              |                                                                      |                                                                         |                                                                                               |
|----|-----------------------|--------------|----------|---|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 16 | 10/25/2016 3:31:22 PM | Shruti Matta | 14bcl110 | V | 2018 | syllabus is apt and up to the point. more approach towards practicality is needed. also more approach towards subjects other than structures.                                                                                                                                                | "planning" should be covered in detail                               | urban infrastructure and planning.                                      | reduction in conduction of extra classes and looking forward for completion of course on time |
| 17 | 10/25/2016 3:37:04 PM | Vijay Raman  | 14BCL122 | V | 1995 | Some subjects like DOS and EE are confusing because 2 different Units are going on together like RCC and Steel Structures are being taught together and Water treatment and Waste Water treatment are together so they create confusion. Rest all are good. No issues in the other subjects. | Sustainable Building can be a good subject for this semester itself. | Zero Energy buildings is a good topic in advanced construction subject. | The course syllabus in EE and Dos should be bifurcated so that there is less confusion.       |



Dr. Urmil V. Dave





# Industry Feedback 2015-16

Institute of Technology, Nirma University

Feedback from industry/R&D organisation about syllabus

Name of the organisation : SMPS CONSULTANT ARCH. & ENGINEERS

Contact person details

Name : <sup>NIJEN PARIKH</sup> MR. ~~MANDEE~~ SHAH & ~~MISS SENYU~~ SHAH

Designation : SR. PROJECT ENGR.

Telephone number: 079-25391911

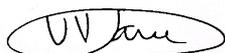
E-mail address: Smpsuhdad1@sanchernet.in.

Feedback regarding : syllabus

- (1) General comments → Software Introduction & practical knowledge.
- (2) Suggestions for new subjects → Bridge Design, precast Concrete,
- (3) Suggestions for new topics → practical knowledge for new topics.  
Steel St. practical knowledge.
- (4) Any other suggestions relevant to Syllabus → practical knowledge.

Feedback regarding Students:

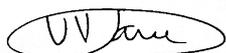
- (5) Knowledge level of students → good.
- (6) Practical Exposure to student → good.



Dr. Urmil V. Dave

(7) Practical application → Execution of Dry. Arch. & St. Detail

(8) Any other → Professor more visit to site every two week time for student Guidance & upgrade his practical knowledge)



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| Sr No | Feedback Date & Time  | Organization Name                      | Name                     | Designation      | Contact No     | E-mail                       | Branch | General Comments                                                                                                                                                                                               | Suggestions For New Subjects                                                                            | Suggestions For New Topics                                                                                                                                                                                                                                                                                                                               | Other Suggestions Relevant To Syllabus                                                                                                                                                                                                  |
|-------|-----------------------|----------------------------------------|--------------------------|------------------|----------------|------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 12-01-14 13:01        | Linde Engineering India Pvt.Ltd.       | Nishant Tailor           | Engineer         | 95 1001 41 12  | nishant.tailor@linde-le.com  | ALL    | CH506-EPC SM: The syllabus for pollution control looks good but the syllabus for safety management needs some modification. The new topics that can be included are mentioned in " Suggestions for New Topics" |                                                                                                         | 1. More focus on P SVs keeping in mind API 520 and API 521. 2. A real time HAZOP can be carried out in presence of experts from the industry. 3. Fire protection is a major part of plant safety. Something about hydrants, monitors and deluge system can be included. 4. Introductory course on temperature and pressure safeguarding can be included. |                                                                                                                                                                                                                                         |
| 2     | 3/27/2015 10:13:49 AM | SANGATHIPL                             | RAM GBHLOT               | SITEENGINEER     | 75 67 89 77 62 | ram.diamond@sangathgroup.com | CL     | Site training & beneficial as it imparts practical knowledge to the students                                                                                                                                   | A subject focusing just on designing mixes and testing various mix designs in lab for every student     | No suggestion                                                                                                                                                                                                                                                                                                                                            | No suggestion                                                                                                                                                                                                                           |
| 3     | 4/18/2015 6:08:14 PM  | Milen Construction                     | Narendra Rathod          | Civil Engineer   | 93 75 54 25 95 | rathodnarendra0@gmail.com    | CL     | Site training programmes so helpful to student by that student get actual knowledge of site condition and management skill required for managing site. I appreciate your syllabus that you put for student.    | You may add subject related irrigation field                                                            |                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                         |
| 4     | 4/20/2015 2:14:46 PM  | Vijay M. Mistry Construction Pvt. Ltd. | Praful Patel             | Engineer         | 93 75 88 56 21 | prafulp850@gmail.com         | CL     | Syllabus adopted is good. More experiments can be added in structures.                                                                                                                                         | personality development can be added                                                                    | precast, docks and harbour, stad-pro and other similar softwares                                                                                                                                                                                                                                                                                         | much focus can be given on bridge substructure, precast and prefab constructions                                                                                                                                                        |
| 5     | 4/21/2015 2:05:03 PM  | Vijay M. Mistry Construction Pvt. Ltd. | Praful Patel             | Engineer         | 93 75 88 56 21 | prafulp850@gmail.com         | CL     | Syllabus adopted is good. More experiments can be added in structures.                                                                                                                                         | personality development can be added                                                                    | precast, docks and harbour, stad-pro and other similar softwares                                                                                                                                                                                                                                                                                         | sub structure, precast and prefab constructions                                                                                                                                                                                         |
| 6     | 4/21/2015 3:37:57 PM  | Bakeri Engineering and Infrastructure  | Manan Shah               | Project Engineer | 99 79 40 40 97 | manan.shah@baleri.com        | CL     | Training period is only 03 months. Every short period for a new project from excavation to sample house. I suggest whole semester 6 months for training.                                                       | No new subjects.                                                                                        | No new topics.                                                                                                                                                                                                                                                                                                                                           | NO.                                                                                                                                                                                                                                     |
| 7     | 4/21/2015 3:39:57 PM  | Bakeri Engineering and Infrastructure  | Manan Shah               | Project Engineer | 99 79 40 40 97 | manan.shah@baleri.com        | CL     | Training period is only 03 months. Every short period for a new project from excavation to sample house. I suggest whole semester 6 months for training.                                                       | No suggestions.                                                                                         | No new topics.                                                                                                                                                                                                                                                                                                                                           | No.                                                                                                                                                                                                                                     |
| 8     | 4/22/2015 10:52:54 AM | NBCC                                   | Ankur Yadav              | Junior Engineer  | 88 02 49 58 24 | nbcankur@gmail.com           | CL     | Good to see practical training as an integral part of curriculum                                                                                                                                               | Green Building Technology                                                                               | SBS calculations should be covered in detail                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                         |
| 9     | 4/24/2015 12:47:46 PM | NAROL TEXTILE INFRASTRUCTURE & EN      | S. J. CHUHAN             | SITE INCHARGE    | 90 99 00 59 72 | atpawarnim@gmail.com         | CL     | good and beneficial for students.                                                                                                                                                                              |                                                                                                         |                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                         |
| 10    | 05-03-15 14:26        | H.NSAFAL                               | RAJIV MAHESHVARI         | PROJECT MANAGER  | 90 16 65 24 64 |                              | CL     |                                                                                                                                                                                                                | advanced technology/management skill in construction field                                              |                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                         |
| 11    | 05-05-15 15:44        | B.B. PATEL CONSTRUCTION                | HARSHAD CHAUHAN          | PROJECT ENGINEER | 98 79 16 15 55 | bbcharshad@gmail.com         | CL     | It is nice curriculum with practical training.                                                                                                                                                                 |                                                                                                         |                                                                                                                                                                                                                                                                                                                                                          | Students must be given more than one sites for observing activities. Instead of giving site student should be given the list of activities to be observed at various sites so that they can learn new concepts and advanced technology. |
| 12    | 05-06-15 10:04        | M.S. KHURANA ENGINEERING LTD.          | JAYRAVAL                 | Jr. Engineer     | 99 78 74 84 54 | ravajay11@gmail.com          | CL     | Syllabus should incorporate more knowledge regarding current scenario of industry.                                                                                                                             | CONSTRUCTION SITE MANAGEMENT                                                                            |                                                                                                                                                                                                                                                                                                                                                          | Includes software training of BIM, MS Project, Primavera etc.                                                                                                                                                                           |
| 13    | 05-06-15 14:22        | M/S Khurana Engineering Limited        | Mr. Yatin Patel          | Sr. Engineer     | 99 13 58 79 28 |                              | CL     |                                                                                                                                                                                                                | Transportation                                                                                          | Urban planning                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                         |
| 14    | 05-07-15 15:17        | PSP Projects Pvt.Ltd.                  | CHIRAG PATIL             | Project manager  | 74 05 85 84 04 | ravipatel1293@gmail.com      | CL     | Good. Give more focus on practical.                                                                                                                                                                            | Safety management                                                                                       | Stad pro in detail                                                                                                                                                                                                                                                                                                                                       | No                                                                                                                                                                                                                                      |
| 15    | 05-07-15 16:23        | Mars planning & engineering services   | Mukund Shamjibhai Ponkya | Junior Engineer  | 77 78 88 43 13 | patelmukund013@gmail.com     | CL     | Overall good syllabus                                                                                                                                                                                          | Urban planning                                                                                          | Planning & execution related softwares should be taught                                                                                                                                                                                                                                                                                                  | No                                                                                                                                                                                                                                      |
| 16    | 05-07-15 17:59        | PSP Pvt Ltd                            | CHIRAG PATIL             | PROJECT MANAGER  | 91 88 66 17 90 | chirag.patil@gmail.com       | CL     | Student should be sent to site in every semester not only for final semester.                                                                                                                                  | some subject should be covered in which laws and regulation related to civil must be covered in detail. | topic such as SITE PROBLM must be covered in detail.                                                                                                                                                                                                                                                                                                     | compulsory students must be sent to site on every week so there may be connection between theoretical and practical knowledge.                                                                                                          |

  
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**Civil Engineering Department**

**Institute of Technology**

**Nirma University**

**Industry Feedback Summary:**

Industrial feedback plays very important role in development of any education system and helps in filling the gap between industry-academia requirements. In that context, Civil Engineering Department, Institute of technology, Nirma University like to thank following industry representative for the valuable feedback.

| Industry                                         | Name             | Designation      | Mobile No. | Email                        |
|--------------------------------------------------|------------------|------------------|------------|------------------------------|
| Sangath IPL                                      | Ram Gehlot       | Site Engineer    | 7567897762 | ram.diamond@sangathgroup.com |
| Milan Construction                               | Narendra Rathod  | Civil Engineer   | 9375542595 | rathodnarendra0@gmail.com    |
| Vijay M. Mistry Construction Pvt. Ltd.           | Praful Patel     | Engineer         | 9375885621 | prafulp850@gmail.com         |
| Bakeri Engineering and Infrastructure Limited    | Manan Shah       | Project Engineer | 9979404097 | manan.shah@bakeri.com        |
| NBCC                                             | Ankur Yadav      | Junior Engineer  | 8802495824 | nbccankur@gmail.com          |
| Narol Textile Infrastructure & Enviro Management | S. J. Chuhan     | Site In charge   | 9099005972 | atpaswarnim@gmail.com        |
| H.N. Safal                                       | Rajiv Maheshvari | Project Manager  | 9016652464 |                              |
| B.B. Patel Construction                          | Harshad Chauhan  | Project Engineer | 9879161555 | bbcharshad@gmail.com         |
| M.S. Khurana                                     | Jay Raval        | Jr. Engineer     | 997874845  | ravaljay11@gmail.com         |



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|                                      |                           |                 |                |                          |
|--------------------------------------|---------------------------|-----------------|----------------|--------------------------|
| Engineering Ltd.                     |                           |                 | 4              |                          |
| MS Khurana Engineering Limited       | Mr. Yatin Patel           | Sr. Engineer    | 991358792<br>8 |                          |
| PSP Projects Pvt.Ltd.                | Chirag Patel              | Project Manager | 740585840<br>4 | ravipatel1293@gmail.com  |
| Mars planning & engineering services | Mukund Shamjibhai Ponkiya | Junior Engineer | 777888431<br>3 | patelmukund013@gmail.com |
| PSP Pvt Ltd                          | Chirag Patel              | Project Manager | 918866179<br>0 | chirag_patel@gmail.com   |

### General Comments:

Most of industry representative appreciated the curriculum and syllabus for incorporation of site training. Site training programme is so helpful to student by that student get actual knowledge of site condition and management skill required for managing site. It was expected from the industry representatives to incorporate more experiments structures related subjects. Some industrial representatives also commented on duration of training period. They suggested that training period should be of whole semester i.e. 6 months as its only 03 months i.e. very short period for a new project from excavation to sample house. Some of representatives suggested that syllabus should incorporate more knowledge regarding current scenario of industry and Student should be sent to site in every semester not only for final semester.

### Suggestions for New Subjects:

As industrial trend is changing rapidly so followings are the suggestions for new subject suggested by industry representatives with regard to current industrial trend:

- Advanced technology and management skill in construction field
- Construction Site Management
- Safety management
- Subjects related to laws and regulation in civil works
- Green Building Technology
- Urban planning
- Subject focusing just on designing mixes and testing various mix designs in lab for every student



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- Subject related irrigation field
- Personality development

### **Suggestions for New Topics:**

Most of industry representatives suggested to incorporate various advanced software of civil works and technologies having lack of technical expertise. Followings are few suggestions for new topics:

- Precast, docks and harbour,
- Sttad- pro and other similar software
- BBS calculations
- Urban planning
- Planning & execution related software
- Site Problem oriented topics

### **Other Suggestions Relevant To Syllabus:**

- Industry representatives suggested that much focus can be given on  
bridge substructure,  
precast and prefab constructions substructure,
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- It is also suggested to incorporate software training of BIM, M.S. Project, and Primavera etc.
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# Feedback Parents\_2015\_16

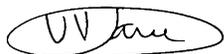
| Sr No | Feedback Date & Time | Name                 | Rolho    | Parent Name            | General Comments                                                                                                                                                                                                                                                                                                                                                                                                                                         | Suggestions For New Subjects                                                                                                                                                                                                                                                                                    | Suggestions For New Topics                                                                                                                                                             | Other Suggestions Relevant To Syllabus                                                                     | pi1 | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
|-------|----------------------|----------------------|----------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----|----|----|----|----|----|----|----|----|----|-----|
| 1     | 01-07-15 21:11       | PANKIL LAD           | 13BCL044 | KETAN LAD              | Green building design should be practically adopted and students should be allowed to take projects on commercial basis. Faculty should lead this kind of projects and guide students to complete it as per LEED norms.                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                        |                                                                                                            | 311 | 3  | 3  | 4  | 3  | 4  | 3  | 3  | 3  | 4  | 3   |
| 2     | 01-09-15 21:43       | PARIN BODIWALA       | 13BCL068 | RAKESH BODIWALA        | Teaching provided in civil branch is good but students should be provided with technical field experience during vacations. Also expert lecture should be arranged for students.                                                                                                                                                                                                                                                                         | Infrastructure development related subjects, modern construction techniques used in mega structures.                                                                                                                                                                                                            | Autodesk softwares and various others softwares like autocad, revit, 3dsmax, etc should be taught....                                                                                  | Increase the industrial visits and Internship to be provided in early semesters.                           | 315 | 4  | 5  | 5  | 4  | 5  | 3  | 4  | 3  | 4  | 4   |
| 3     | 01-10-15 0:49        | KRISHNA BANKIM D     | 13bcl042 | BANKIM KIRITBHAI DESAI | Overall reputation of institute is good on records as it is listed among first 50 colleges in India. We heard lots of good things about your institute, which is not seen now. Students of your institute certainly deserves good faculties which can handle workload and try to complete full course. Further, Nirma Institute should have good, enough and permanent faculties who can improve the future of all students as well as institute itself. | Construction industry have changed a bit. Lots of new modern systems have been introduced to improve the quality and variety of construction. Also, lots of new technologies have been introduced to speed up the construction works. Hence, some appropriate subjects and modern guidance to be introduced.... | Some Practical Topics, Field knowledge, modern construction machinery knowledge and knowledge about varieties of modern construction material, which are used in today's construction. | Practical knowledge to be increased in syllabus rather than theoretical.                                   | 316 | 4  | 4  | 5  | 2  | 4  | 2  | 5  | 5  | 5  | 4   |
| 4     | 01-10-15 19:41       | Rashika Kapil        | 13BCL090 | Kapil Srivastava       | More practical approach needs to be adopted. Right from the beginning, attempts should be made to clear basic fundamentals rather than simply learning. Innovative approach should be built up. Standards of Students should be raised to the level of UPSC, GATE, which is presently missing.                                                                                                                                                           | More thrust to be given to basic subjects like TOS, SOM, Soil Mechanics, surveying, applied mechanics, Building construction and design part.                                                                                                                                                                   | Total station survey and GPS survey should be taught in depth with more practical approach.                                                                                            | Should be level on all India Basis i.e. at par with the premium engineering institutions like IIT and NITs | 317 | 4  | 3  | 4  | 3  | 4  | 2  | 2  | 3  | 3  | 3   |
| 5     | 7/21/2015 9:42:2     | Desai Tej Sanjay Kur | 14BCL028 | Desai Sanjay Ishwarlal |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                        |                                                                                                            | 363 | 4  | 4  | 4  | 5  | 4  | 4  | 4  | 4  | 4  | 4   |
| 6     | 08-05-15 10:00       | Raj Pareskumar Pa    | 14BCL097 | Pareskumar H Patel     |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                        |                                                                                                            | 383 | 5  | 5  | 5  | 5  | 5  | 5  | 4  | 4  | 5  | 5   |



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# Feedback Alumni 2015-16

| Sr No | Feedback Date & Time | Name                    | Branch | Passing Year | Designation      | Mobile No. | E-mail               | General Comments                                                                                                                                                                                                                                          | Suggestions For New Subjects                                                                                    | Suggestions For New Topics                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Other Suggestions Relevant To Syllabus                                                                                                                                                                                                                                                            |
|-------|----------------------|-------------------------|--------|--------------|------------------|------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 02-03-2015 22:42     | Rohit Nimse             | CL     | 2014         | Structural engin | 9545662233 | 12mclc26@nirmauni.   | Exposure to design softwares as well as analysis softwares shall be given instead of teaching programming languages(C, C+). Hardly 2-3 students learn those programming softwares and none of them imply it in actual practice(except those pursuing phd) |                                                                                                                 | Flat slab design and analysis which is extensively used in industry. Ribbed and waffle are almost on the verge of extinct. Pile cap and pile designing. Introduction to BS and ACI codes as compared to IS code.                                                                                                                                                                                                                                                              | Expert lectures from industry for tall structures shall be introduced.                                                                                                                                                                                                                            |
| 2     | 08-01-2015 12:18     | harsh mittal            | CL     | 2010         | Sr Engineer      | 9979544134 | harshmittal.89@gmail | Surveying is totally out of sync with technology, everyone uses Total Station, where in we are teaching outdated methods, and also testing the skills of student on the same.                                                                             | ERP SAP learning should be included. Total Station Surveying. Billing, Estimation and Contracting in real life. | In todays world technology plays a very important part. All the firms, whether it is RealEstate, Infra or Banking, using softwares to manage their work. A lot of firms make use of SAP ERP, which have standard modules. These should also be taught. Billing, Estimation and Contracting in real life like a small contractor will only make a measurement sheet in L B H format, while big companies where in the project quantum is more, a lot of things are summarized. | As the technology is giving the construction industry a new look and also revolutionizing it, same way the topics to include further more technological inputs should be there. Our course says we are doing Bachelors in Technology for Civil Engineering, and we should stand true to the same. |
| 3     | 08-01-2015 14:40     | Patel Dhaval Dharmendra | CL     | 2015         | Student          | 9428902322 | 13mclc34@nirmauni.   | Syllabus is having good content                                                                                                                                                                                                                           | No                                                                                                              | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Bridge Structures should be there in the 1st semester instead of Numerical Methods in Engineering                                                                                                                                                                                                 |
| 4     | 08-01-2015 19:40     | Taha Masvi              | CL     | 2010         | Assistant Mana   | 9879257863 | taha.masvi@gmail.co  | Course in civil engineering should include more of practical training, site visits, latest market trends and knowledge about Costing                                                                                                                      | Costing / Tendering knowledge, Innovations in construction                                                      | Cost Estimation, Market trends, New construction methodologies - Marine construction, Tunnel construction, High rise building construction, etc                                                                                                                                                                                                                                                                                                                               | What we learn is no more practical. Basics is necessary but at the same time latest trends, softwares and new methodologies being actually used in market should be given due importance                                                                                                          |



Dr. Urmil V. Dave