



ANJUMAN-I-ISLAM'S

KALSEKAR TECHNICAL CAMPUS, NEW PANVEL

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

☒ SCHOOL OF ENGINEERING & TECHNOLOGY

☐ SCHOOL OF PHARMACY

☐ SCHOOL OF ARCHITECTURE

DEPARTMENT OF CIVIL ENGINEERING

Ref: AIKTC/SoET/CE/2021/28

Date: 24-11-2021

To,
The Chairman,
Board of Studies,
University of Mumbai.

As per NAAC Criteria 1 Feedback on Syllabus/Curriculum has been taken from Students, Teachers, Alumni and Employers in the AY 2020-21. Following important points has been extracted from the feedback which shall be taken as an input for Design of Syllabus in the next Revision.

A) Teachers Input

- 1) In Theory of reinforced concrete Structures Analysis software like E-tabs, Staadpro should be added in the Syllabus so that students are ready with respect to requirement of Market.
- 2) In Environmental Engineering softwares like EPANET, WATERCADD should be introduced which are eminent in the CIDCO and MHADA.
- 3) Structural Analysis 1 and Structural Analysis 2 should be taught separately as current Structural Analysis subject is too lengthy to grasp for Students.
- 4) Engineering Geology syllabus is vast; few topics should be removed.
- 5) In Subject like Building Planning and Drawing Manual Drafting should be completely removed and replaced by Auto CAD.
- 6) In Pre-stressed concrete Structure subject analysis of I section, Box-girder should be added and analysis software should also be included in the Syllabus.
- 7) In Bridge Engineering Design, Design of Box-girder should be introduced. Midas software which is eminent in the Market with respect to Analysis and Design of Bridges should also be added.
- 8) In DDRCS subject, Design of water tanks through working stress method is no longer in practice; limit state method should be introduced for water tank design.
- 9) In Construction Management subject small project should be added into the syllabus through MSP software so that students could be conversant and develop network.

Innovative Teaching - Exuberant Learning

Vision : To be the most sought after academic, research and practice based department of Civil Engineering that others would wish to emulate.



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B] Employers Input

- 1) Expert lectures should be arranged on the topic of Market's interest.
- 2) Students should be oriented with respect to Industries requirements.

C] Alumni Input

- 1) BIM software should be introduced in theory and practical subjects.
- 2) Syllabus should give more emphasis on Practical aspect of Civil Engineering.
- 3) Every semester students should be taken to site visit for different subjects.
- 4) Should add internship into the Curriculum.
- 5) Design and Drawing softwares like Auto CAD, E-tabs, staadPro and Management software like MSP and Primavera P6 should be added into the Curriculum.

D] Students Inputs.

(369 students have given feedback on syllabus)

Feedback content	Very Good	Good	Satisfactory	Unsatisfactory
More emphasis on Practicals/Laboratory	34.7%	43.4%	15.4%	24.1%
Relevance of Curriculum to your Discipline	42%	50.1%	7.3%	0.6%
Pattern of Examination scheme	51.2%	40.9%	6%	1.9%
Inclusion of soft skill course	33.9%	46.3%	15.2%	4.6%
Relevance to Latest Industries Requirements	30%	47.7%	17.2%	5.1%

You are sincerely requested to consider these points for syllabus revision.

Prof. Firoz Nadaf
(Asst. Prof.)

Prof. Hawelkar S C
(Asst. Prof.)

Dr. G B Mahajan
(Asst. Prof.)

Received BOS member Civil Engg.
for 24.11.21 DOM.

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