



**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 COMPUTER ENGINEERING

Ref.: AIKTC/SoET/CO/2022-23/750

Date: 28/06/2023

To,
Board of Studies,
Computer Engineering,
University of Mumbai.

Subject: Inputs from stakeholders on syllabus

Dear Sir,

As per NAAC Criteria-1, feedback on curriculum/syllabus has been taken from students and teachers for revision & any modifications in the syllabus for A.Y.: 2022-23. Following important points have been extracted from the feedback which shall be taken as an input for design of the syllabus in the next revision.

● **Teachers Input**

- In view of the syllabus designing, there should be some topics related to industry work implementation.
- Distribution of marks should be more towards practical as equal in theory.
- There should be two different subjects on (1) Computer Organization and Architecture (2) Digital Logic
- Syllabus should have some similar topics in theory and lab.
- Syllabus should be designed based on industry requirements.
- Tie up of institutes with companies to allot internship chances to students during preterm period
- Additional courses should be included in the syllabus which are missing as per the faculties like Deep learning, IP Rights, Query Expenditure technique, IP Lab.
- Each Web development framework should be course separately.
- Recent technological topics should be added in the specific subjects as given below:
 - MERN in Internet Programming,
 - Query optimization in DBMS,
 - Word2vec, Word embeddings, BERT model in NLP,
 - Java Spring Boot framework, Javafx based experiments in Java,
 - Fundraising in EDM,
 - AR/VR in MC.

Innovative Teaching - Exuberant Learning

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



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● **Alumni Input**

- Syllabus should include emerging and recent technologies that are currently used in Industry.
- Projects should be industry based.
- Most emphasis should be given on practical's.
- Internships should be made compulsory.
- Hands-on workshops or training should be organized in each semester.

● **Employer Input**

- Students should be acquainted with industry demands and expectations.
- For the comprehensive growth of students, it is essential to arrange expert lectures, industrial visits, internships, and project sponsorships.
- Students should be encouraged to develop communication skills, interpersonal abilities, and a readiness to collaborate.
- Recent technological topics should be included in the curriculum like-flutter, React Native, MERN etc.

● **Students Input**

- 47 students have given feedback on syllabus.

| Feedback Content | Very Good | Good | Satisfactory | Unsatisfactory |
|--|-----------|--------|--------------|----------------|
| More Emphasis on Practical/Labs was | 27.65% | 61.7% | 10.63% | 0 |
| Relevance of Curriculum to your Discipline was | 42.55% | 48.94% | 10.63% | 0 |
| Pattern of Examination Scheme was | 44.68% | 38.3% | 19.15% | 0 |
| Inclusion of Soft skill courses was | 34.04% | 36.17% | 23.4% | 8.5% |
| Relevance to Latest Industries requirement was | 29.79% | 31.91% | 31.91% | 6.38% |

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DEPARTMENT OF COMPUTER ENGINEERING

Subject Teachers:

1. Anas Dange

2. Irfan Jamkhandikar

3. Salim Shaikh

4. Rehaal Qureshi

5. Samreen Banu Kazi

6. Nusrat Jahan

(Prof. Tabrez Khan)
Program Owner

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