

# DAV University, Jalandhar

DEPARTMENT OF CIVIL ENGINEERING

## Proceedings of Board of Studies (BoS) meeting of Department of Civil Engineering held on 24-05-2025

The meeting of Board of Studies (BoS) of Department of Civil Engineering was held on 24.05.2025 at 11.30 am in the Committee room, DAV University. The following members were present:

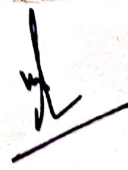
1	Dr K.N Kaul	Dean Science Engineering & Technology
2	Dr A.K Agnihotri	External Member (Professor HAG, NIT Jalandhar)
3	Dr. Jagbir Singh	External Member (Professor, GNDEC Ludhiana)
4	Er Amit Sabharwal	Executive Engineer Water Resource Deptt, Hsp. Govt of Punjab
5	Dr Ranjodh Singh	Member
6	Dr Sudhir Arora	Member
7	Er Jatin Anand	Member
8	Er Ipandeep Singh	Member
9	Mr Surinder Jassal	Alumni
10	Mr. Damanpreet	Final Year Student

### Proposed Schemes:

1. B-Tech in Civil Engineering 2025 onwards batch as per New Education policy 2020 (NEP 2020).
2. M-Tech in Structural Engineering 2025 onwards batch (Full Time of two year duration).
3. M-Tech in Structural Engineering 2025 onwards batch (Part Time of three year duration).
4. Ph.D. in Civil Engineering (Full Time and Part Time) for previous and current Batches

The proposed Schemes were discussed at length and resolved to incorporate the following changes as under:

**Decision:** The Board approved the Course schemes and all the syllabi of the courses emphasizing on the following points:



### **B.Tech Scheme and Syllabus Changes:**

1. Introduce Civil Engineering - Societal & Global Impact in the 3rd semester.
2. Revise the "Introduction to Geology" syllabus to include topics on Rock Mechanics and Engineering Geology.
3. Rename the course "Material Testing and Evaluation" to "Construction Engineering Materials" and remove the laboratory component from the syllabus.
4. Standardize Course Outcomes (COs) for all subjects, limiting the maximum number to 4-5 per course.
5. Introduce a Survey Laboratory incorporating modern techniques such as Drone Surveying and DGPS.
6. Divide the Structural Analysis syllabus into two parts: Structural Analysis I and Structural Analysis II.
7. Separate the syllabus of Environmental Engineering and Plumbing System into two parts: Water Supply and Waste Water.
8. Make the courses "Robotics" and "Disaster Preparedness and Planning" mandatory for all students.
9. Limit the number of Discipline Specific Electives (DSE) to a maximum of 6 subjects and Open Electives (OE) to a maximum of 2 subjects.
10. Include a Seminar as a formal component in the B.Tech curriculum.
11. Ensure that all DSE courses have an L-T-P structure of 3-0-0.
12. For the Project course, set the L-T-P structure to 0-0-16 with a credit value of 8.

### **M.Tech Scheme and Syllabus Changes:**

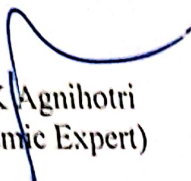
1. All Department-Specific Electives should have an L-T-P structure of 3-1-0 and carry 4 credits.
2. All Open Electives should have an L-T-P structure of 3-0-0 and carry 3 credits.
3. Increase the credit allocation for the Dissertation.

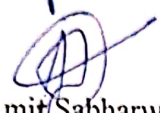
### **Ph.D. Scheme and Syllabus Changes:**


1. Expand the Elective Basket by adding more elective subjects to provide a broader range of choices for research scholars.




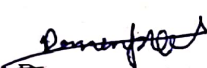
Meeting ended with thanks to all participating members.

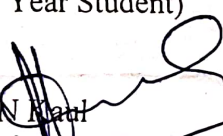
  
Dr. A.K. Agnihotri  
(Academic Expert)

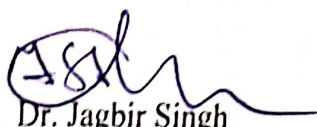
  
Er. Amit Sabharwal  
(Industry Expert)


  
Dr Sudhir Arora  
(Member)

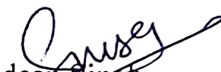
  
Jatin Anand  
(Member)

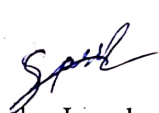
  
Damanpreet  
(Final Year Student)

  
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(Dean Science Engineering & Technology)

  
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