



EASWARI ENGINEERING COLLEGE

inBlick



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Department of Civil Engineering

Vol.1 Issue1

DEPARTMENT VISION

To provide basic and advanced knowledge and skills among civil engineering students so as to meet the changing industrial and research needs to become the acknowledged leader in civil engineering.

DEPARTMENT MISSION

- M1 To provide education in the field of civil engineering and guide them towards technical advancement
- M2 To impart essential skills to the students and enhance their employable potential and entrepreneurial capabilities
- M3 To educate the student in solving problems related to interdisciplinary fields
- M4 To nurture leadership skills with social consciousness to act professionally and ethically
- M5 Extend engineering knowledge through creative, innovative projects and research so as to promote consultancy for industrial and social needs.
- M6 To use modern engineering tools and appropriate teaching techniques for modeling, analyzing and designing the real world problems

BLOOMS TAXONOMY

ARTICLE BY DR.C.G.HEMAMALINI/ PROF/CIVIL

Bloom's Quote: "The purpose of education is to change the thoughts, feelings, and actions of students."

Three Learning Domains:

- Cognitive Domain: involves knowledge and the development of intellectual skills. (Ex: recognition of specific facts)
- Affective Domain: includes the manner in which we deal with things emotionally. (Ex: feelings, appreciations, etc.)
- Psychomotor Domain : involves physical movement, coordination, and use of the motor skills (ex: perception & response)

Cognitive Domain
Blooms Knowledge Levels



Affective Domain

(“Feeling”) concerned with value issues: involves attitudes.

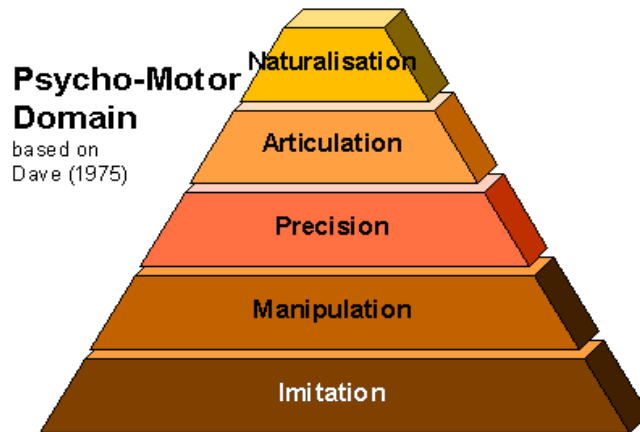
- Affective domain: Domain of student behaviours that addresses attitudes, emotions, values, interests, feelings, etc.
- Affective characteristics are unobservable / internal characteristics that can only be inferred from actions in situations or responses to carefully designed questions.



- ✓ Social adjustment: Adaptive behaviour and social development as indicated by responses to rules, responsibility, and interpersonal relationships with teachers and students.
 - Includes assertiveness, friendliness, cooperation, collaboration, empathy, etc.
- ✓ Attitudes: Relatively stable internal tendencies that influence what students are likely to do
 - Attitudes have objects (“attitudes toward something”).
- ✓ Interests: Preferences for participating in particular activities.
 - Can help teachers’ select supplemental materials or design examples that are of interest.
- ✓ Values: Standards that determine end states of existence, self-conduct, and presentation of self.
 - Include world peace, freedom, happiness; being honest, ambitious, responsible, helpful.
 - “Good citizenship.”
- ✓ Self-attitudes: Beliefs and feelings about oneself.
 - Include *self-concept*, *self-esteem*, and *self-efficacy*.
 - Very important in classroom settings because they influence motivation, willingness to take risks, etc.
 - Best for teachers to focus on *academic self-attitudes*.

PSYCHOMOTOR (“Doing”) DOMAIN:

- Involves co-ordination of brain and muscular activity.

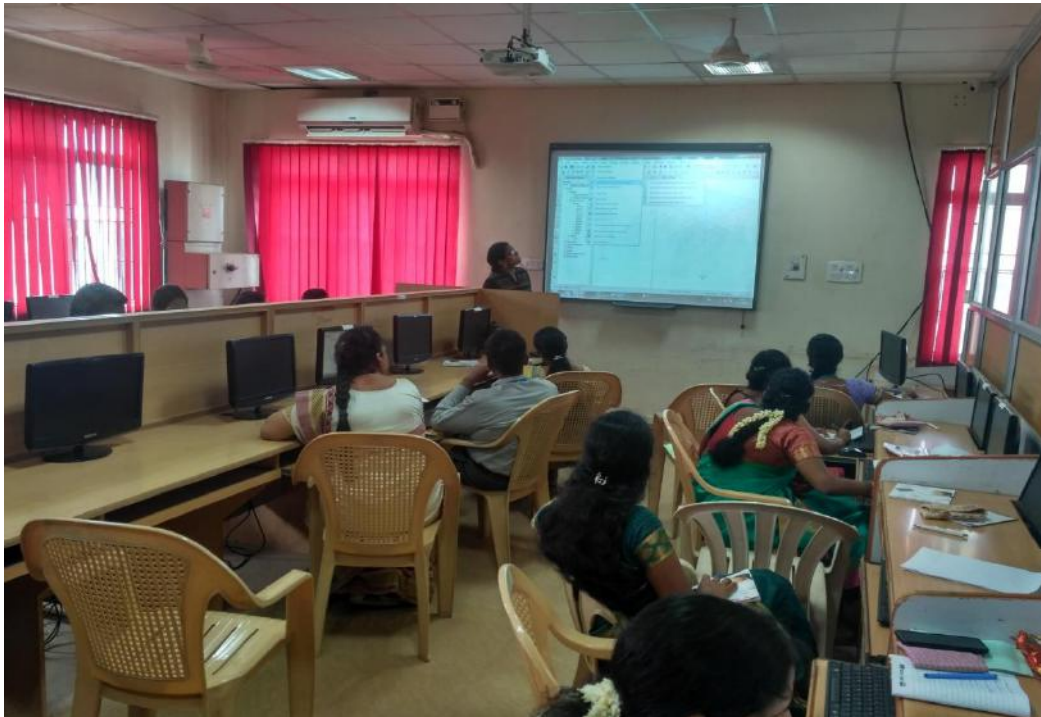


Educational Implications of Blooms Taxonomy

- Provides a universally effective strategy for creating all type of content to impart learning.
- Helps teachers make decisions about the classification of content and map content to tasks that students need to perform.
- Guides teachers to develop higher levels of thinking process for critical thinking or creative thinking.
- Teacher develops questions or projects that require the development of thinking and reflection from the knowledge level to the evaluation level.
- Teacher or a syllabus designer designs a curriculum as well as classroom assignment using Bloom's taxonomy to advance the learning process from recalling learning materials to higher level of thinking.
- Teacher creates class activities based on Bloom's Taxonomy.

FACULTY DEVELOPMENT PROGRAM

To live life idle is ordinary; But to improve ourselves in all aspects is something extra ordinary... As life is all about learning, some of the faculties in our department attended a two day FDP on E-TABS Software which was organized by SAI CAREER VISIONS



GUEST LECTURE

The Department of Civil Engineering of Easwari Engineering College organized a Guest lecture on 13th July, 2017 for the Third year Students. The lecture on “Water distribution system” was delivered by Mr.B.Balaji, Head of Department, TWICK Consultant, Chennai. He was welcomed by Ms. A.Anjana, third year student, Easwari Engineering College presented the introduction about the guest.

The one hour session from 2.30pm to 3.45pm was absolutely informative to the third year students. The Speaker started the session with presentation on water scenario in India and the water management system which is playing a vital role at today’s situation. He explained about the Geotechnical investigation about PH, turbidity, color etc. He also explained the sources of water and created awareness of usage of Flood level in all the construction. Finally he explained about the pumps used in different places and brief examples about thrissur water scarcity.

The lecture was really very informative to students and they gained a great knowledge about urban water supply and distribution system.



INDUSTRIAL VISIT

The IInd year students of B.E., CIVIL ENGINEERING from Easwari Engineering College went for an industrial visit to Unik RMC Plant, on 12.07.2017 & 13.07.2017 located at Redhills, Chennai under the supervision of Mr. Paramaguru, Mrs. Nandhini, Mr. Dineshkumar, Ms. Nithyalakshmi M, Assistant Professors, Civil Dept – EEC.

On that day, they went to Ready Mix Plant and listened to key points about safety measures that should be followed inside Ready Mix Plant. Thereby they listened to Innovation in concrete manufacturing and the students got the real picture of Concrete Manufacturing Work going in Unik RMC Plant.

Some of the feedbacks from the students are that, they got an idea about the Manufacturing, Batching, Testing, Curing, transportation of Concrete and know about practical drawbacks in Ready Mix Plant and how to rectify and overcome that.



Newsletter Committee

**Ms.NITHYALAKSHMIY M AP/CIVIL
Ms.LAKSHMI PRIYA AP/CIVIL
U.VISHWAK CHANDER (II YR B)
SRINIVASA RAGHAVAN (II YR B)
JAYAPRAKASH J (IV YR A)**

Hey All,

Hope you all found this issue of inBlick informative and fun to read. This is all for this month and we promise to come back to you with the same spirit .So, please write to us about how you found this issue. Your valuable suggestions and criticisms are most welcome. **Email: nithya.muraliy@gmail.com**