

## Circular

All the faculty members are hereby informed to give their subject options for the even semester of the academic year 2022-23 in the given format before Wednesday, February 8, 2023. The department meeting will be scheduled on February 10, 2023, at 10 a.m. All the faculties are informed to attend without fail.

Faculties shall note the following points:

**NOTE:**

- 1) Faculties shall compulsorily choose a minimum of two theory subjects (from different semesters) and one practical subject.
- 2) Faculties will be assigned at least one new subject which they have not handle earlier. In this regard they shall choose a new subject of their preference for easy and convenient subject distribution.
- 3) Final allotment of the subject is as per the discretion of the HOD.

**Date: 06/02/2023**

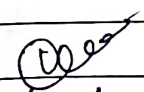
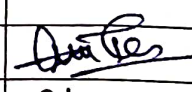
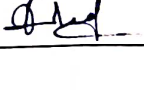
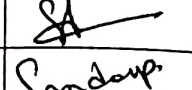
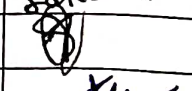
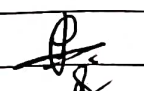

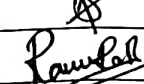


**HOD**

H.O.D.

Dept. of Civil Engineering

Alva's Institute of Engg. & Technology

Mijar, Moodbidri - 574 225

Sl. No.	Faculty	Signature	Sl. No.	Faculty	Signature
01	Dr. H Ajith Hebbar		07	Mr. Varadaraj K S	
02	Dr. H G Umeshchandra		08	Mr. Santhosh K	
03	Prof. Durgaprasad Baliga		09	Mr. Sandeep Kumar D S	
04	Mr. Shankargiri K. S.		10	Ms. Tanvi Rai A	
05	Mr. Surendra P.		11	Ms. Anusha B Rao	
06	Mr. Ramesh Rao B				

## **Minutes of Department Meeting**

Date: 11/02/2023

Department meeting was held on 10<sup>th</sup> February, 2023 to discuss about the following agendas listed below.

### **Agenda**

1. Subject Allotment.
2. BOE Practices
3. Activities.
4. Feedback of previous semester.
5. Project Work & Seminar
6. IA Test

### **Minutes of the Meeting**

#### **1. Subject Allotment.**

- HOD had given option for faculty members to choose next semester subjects. Based on their option, most of the faculty members are allotted with same subjects for both the sections.
- All faculties shall cover 100 % syllabus.
- For practical subjects, lab handling faculty shall explain the theory, principles, the procedure of conducting experiments and expected viva questions during the first 45 minutes. After completion of experiment or execution of the work, students shall complete all calculations in the observation book, get evaluated by the concerned lab handling faculty during lab hour itself

#### **2. OBE Practices**

- Frame the CO's and CO-PO mapping matrix for the subject allotted and prepare the lesson plan for the same on or before 10 days of the commencement of the semester

- Complete the attainment calculation for the subject allotted in the previous semester and identify the curriculum gap.
- All the Staff members must maintain Personal File and Course file.

**Personal File should have**

- Latest Bio-Data.
- Copies Degree Certificates.
- Copy of Appointment letter.
- Copy of or Promotion letter.
- Copies of Certificates.

**Course File should have**

Personal & Class Time Table.  
College Calendar (if any).  
Student List.  
Syllabus.  
Old Question Papers.  
Copy of IA Test Papers with  
scheme of valuation

**3. Activities**

- Based on curriculum gap identified in the previous semester, concerned coordinators need to schedule various departmental technical activities to fulfill the curriculum gap.
- Report of all activities conducted/participated by faculty such as workshops, industrial visits, and technical talks, are to be prepared and submitted to HOD.
- Coaching Classes attendance, student performance reports in all three IA test to be prepared.
- Self Assessment – contribution to the department by every faculty should be prepared.

4. HOD discussed about previous semester feedback of individual course teachers and also suggested to attend FDP's and improve.

**5. Project Work & Seminar**

- Final year projects should be completed in the 1<sup>st</sup> week of June
- No student is allowed to conduct experiments related to project work during class hours.
- Project batch students shall obtain written permission from the concerned lab in-charges.



**DEPARTMENT OF CIVIL ENGINEERING**

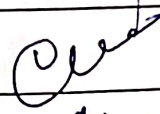
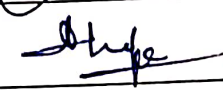
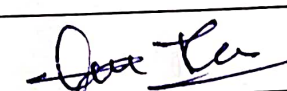

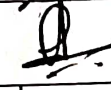
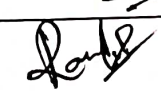
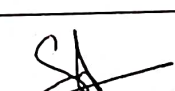
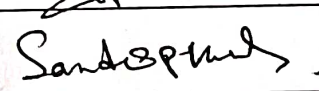
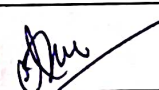

- Seminar coordinator shall assign the topic to the students. Two seminars to be compulsorily conducted to the students in their 8<sup>th</sup> semesters. Seminar topic should compulsorily have journal references.

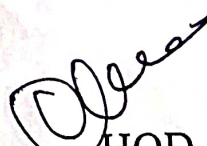
**6. IA Test**

- Two units/modules should be covered for each IA and syllabus to be displayed in the notice board one week prior to the commencement of IA test.
- Consolidated attendance percentages in all subjects are to be displayed by the class coordinators one day prior to the IA tests.
- Students having 85 % attendance will be eligible to take IA test. Student having less than 85 % attendance shall be denied of writing IA test till he/she meets the minimum attendance eligibility criteria.
- For every theory subjects, a student is given 03 IA tests; and for practical subjects 01 IA test.
- Attendance for IA tests is to be marked in the attendance register.
- IA test question papers shall be in par with the semester examination question paper pattern and standard. For theory subjects, three major questions, having equal marks distributions are to be set for every IA test. Every major question may have a maximum of only three sub-questions.
- Question papers in sufficient numbers and detailed scheme of valuation are to be submitted to the IA test coordinator within the last date mentioned



The following faculty members attended the meeting

Sl.No	Faculty Name	Signature
1.	Dr. H Ajith Hebbar	
2.	Dr. H G Umeshchandra	
3.	Prof. Durgaprasad Baliga	
4.	Mr. Varadaraj K S	
5.	Mr. Surendra P	
6.	Mr. Shankargiri K S	
7.	Mr. Ramesh Rao B	
8.	Mr. Santhosh K	
9.	Mr. Sandeep Kumar	
10.	Ms. Anush Rao B	
11.	Ms. Tanvi Rai A	

  
HOD

H.O.D.  
Dept. of Civil Engineering  
Alva's Institute of Engg. & T.  
Mijar, Moodabidri - 574 225

From

Dr. H G Umeshchandra  
Associate Professor,  
Dept. of Civil Engineering  
AIET, Mijar

To

HOD  
Dept. of Civil Engineering  
AIET, Mijar

Sir,

Sub: - Subjects opted for the EVEN semester of academic year 2022-23 - reg.

Following are the subjects I would opt to handle for the Civil Engineering students during the EVEN semester of the academic year 2022-23

Date: 06/02/2023

H G Umeshchandra 07/02/2023  
(Dr. H G Umeshchandra)

REGULAR THEORY SUBJECT OPTIONS			
Semester	Subject code		Subject title
II	01		
	01		
IV	02		
	03		
	01		
VI	02		
	03		
	01		
VIII	02		
	03		
	01		
ELECTIVE SUBJECT OPTIONS			
IV	01		
	02		
VI	01	18CV642	Solid waste management (P-I)
	02	18CV653	Occupational Health and safety (P)
VIII	01	18CV651	Remote Sensing & GIS (P)
	02		
PRACTICAL SUBJECT OPTIONS			
IV	01	21CVL46	Engineering Geology Lab
	02		
VI	01	18CVL67	Environmental Engrg. Laboratory
	02		
	03		



From

Mr. Surendra P  
Assistance Professor,  
Dept. of Civil Engineering  
AIET, Mijar

To

HOD  
Dept. of Civil Engineering  
AIET, Mijar

Sir,

Sub: - Subjects opted for the EVEN semester of academic year 2022-23 - reg.

Following are the subjects I would opt to handle for the Civil Engineering students during the EVEN semester of the academic year 2022-23



Date: 06/02/2023

(Mr. Surendra P)

REGULAR THEORY SUBJECT OPTIONS			
Semester	Subject code		Subject title
II	01		
IV	01	21CV44	Analysis of Structures
	02		
	03		
VI	01	18CV61	Design of Steel Structural Elements
	02		
	03		
VIII	01	18CV81	Design of Pre-stressed Concrete
	02		
	03		
ELECTIVE SUBJECT OPTIONS			
IV	01		
	02		
VI	01	18CV641	Matrix method of Structural Analysis
	02		
VIII	01	18CV821	Bridge Engineering.
	02		
PRACTICAL SUBJECT OPTIONS			
IV	01		
	02		
VI	01	18CVL66	Software Application laboratory
	02	18CVL68	Extensive Survey Project
	03		

From

Mr. Shankargiri K S  
Assistance Professor,  
Dept. of Civil Engineering  
AIET, Mijar

To

HOD  
Dept. of Civil Engineering  
AIET, Mijar

Sir,

Sub: - Subjects opted for the EVEN semester of academic year 2022-23 - reg.

Following are the subjects I would opt to handle for the Civil Engineering students during the EVEN semester of the academic year 2022-23

Date: 06/02/2023

(Mr. Shankargiri K S)

REGULAR THEORY SUBJECT OPTIONS			
Semester	Subject code		Subject title
II	01		
IV	01	21CV485	Ability Enhancement Course - Green Buildings
	02		
	03		
VI	01	18CV62	Applied Geotechnical Engineering
	02	*	
	03		
VIII	01		
	02		
	03		
ELECTIVE SUBJECT OPTIONS			
IV	01		
	02		
VI	01	18CV645	Railway, Harbours, Tunnelling & Airports
	02		
VIII	01		
	02		
PRACTICAL SUBJECT OPTIONS			
IV	01		
	02		
VI	01	18CNEP68	Extensive Survey Project
	02		
	03		



From

Mr. Varadaraj k S  
Assistance Professor,  
Dept. of Civil Engineering  
AIET, Mijar

To

HOD  
Dept. of Civil Engineering  
AIET, Mijar

Sir,

Sub: - Subjects opted for the EVEN semester of academic year 2022-23 - reg.

Following are the subjects I would opt to handle for the Civil Engineering students during the EVEN semester of the academic year 2022-23

*(Signature)*  
19/02/2023  
(Mr. Varadaraj k S)

Date: 06/02/2023

REGULAR THEORY SUBJECT OPTIONS			
Semester	Subject code		Subject title
II	01	21CV42	FLUID MECHANICS AND HYDRAULICS
	02	21CV42	FLUID MECHANICS AND HYDRAULICS
IV	01	18CV63	HYDROLOGY AND IRRIGATION ENGINEERING
	02	18CV64	ROADWAY, HARBOUR, TUNNELING & AIRPORTS
VI	01		
	02		
VIII	01		
	02		
ELECTIVE SUBJECT OPTIONS			
IV	01		
	02		
VI	01		
	02		
VIII	01		
	02		
PRACTICAL SUBJECT OPTIONS			
IV	01	21CV42	Fluid Mechanics & Hydraulics
	02		
VI	01	18CVP68	EXTENSIVE SURVEY PROJECT
	02		
	01		
	02		

DEPARTMENT OF CIVIL ENGINEERING

From

Mr. Ramesh Rao B  
Assistance Professor,  
Dept. of Civil Engineering  
AIET, Mijar

To

HOD  
Dept. of Civil Engineering  
AIET, Mijar

Sir,

Sub: - Subjects opted for the EVEN semester of academic year  
2022-23 - reg.

Following are the subjects I would opt to handle for the Civil  
Engineering students during the EVEN semester of the academic year  
2022-23

Date: 06/02/2023

  
(Mr. Ramesh Rao B)

REGULAR THEORY SUBJECT OPTIONS			
Semester	Subject code		Subject title
II	01	22ETC158	Green Building
	01	21CV43	Public Health Engineering
IV	02		
	03		
VI	01		
	02		
	03		
VIII	01		
	02		
	03		
ELECTIVE SUBJECT OPTIONS			
IV	01	21CV485	Green Building
	02		
VI	01	18CV643	Alternate Building Material
	02	18CV653	Occupational Health & Safety
VIII	01	18CV824	Rehabilitation & Retrofitting
	02		
PRACTICAL SUBJECT OPTIONS			
IV	01	21CV246	Engg Geology Lab
	02	21CV43	Public Health Engg.
VI	01	18CV666	Software Application Lab
	02	18CV267	Env. Engg Lab
	03		



**ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY**  
Shobhavana Campus, Mijar, Moodabidri, Mangalore Taluk, D.K - 574225  
Phone: 08258-262725, Fax: 08258-202720  
**DEPARTMENT OF CIVIL ENGINEERING**

From

Mr. Santhosh K  
Assistance Professor,  
Dept. of Civil Engineering  
AIET, Mijar

To

HOD  
Dept. of Civil Engineering  
AIET, Mijar

Sir,

Sub: - Subjects opted for the EVEN semester of academic year 2022-23 - reg.

Following are the subjects I would opt to handle for the Civil Engineering students during the EVEN semester of the academic year 2022-23

Date: 06/02/2023

  
(Mr. Santhosh K)

REGULAR THEORY SUBJECT OPTIONS			
Semester	Subject code		Subject title
II	01		
	01	21CV43	Public Health Engineering
IV	02		
	03		
VI	01	18CV62	Applied Geotechnical Engg.
	02		
VIII	01	18CV81	Design of Pre-stressed Concrete
	02		
	03		
ELECTIVE SUBJECT OPTIONS			
IV	01	<del>18CV81</del>	
	02	18CV645	Railway, Harbour, Tunnelling & Airport
VI	01		
	02		
VIII	01		
	02		
PRACTICAL SUBJECT OPTIONS			
IV	01	28CV43	Public Health Engg.
	02		
VI	01	18CV2P	Extensive <del>Self</del> Project
	02		
	03		

From

Mr. Sandeep Kumar D S  
Assistance Professor,  
Dept. of Civil Engineering  
AIET, Mijar

To

HOD  
Dept. of Civil Engineering  
AIET, Mijar

Sir,

Sub: - Subjects opted for the EVEN semester of academic year 2022-23 - reg.

Following are the subjects I would opt to handle for the Civil Engineering students during the EVEN semester of the academic year 2022-23

Date: 06/02/2023

*Sandeep Kumar D S*  
(Mr. Sandeep Kumar D S) 07/02/22

**REGULAR THEORY SUBJECT OPTIONS**

Semester	Subject code		Subject title
II	01	22ETC15B	Green Buildings.
	01	21CVHH	Analysis of Structures
IV	02		
	03		
VI	01	18CV61	Design of Steel Structural Elements
	02		
	03		
VIII	01	18CV81	Design of Pre-stressed Concrete
	02		
	03		

**ELECTIVE SUBJECT OPTIONS**

IV	01	18CV6H1	Matrix Method of Structural Analysis
	02		
VI	01	18CV6H1	Matrix Method of Structural Analysis
	02		
VIII	01		
	02		

**PRACTICAL SUBJECT OPTIONS**

IV	01	21CVH2	Fluid Mechanics & Hydraulics
	02		
VI	01	18CVL66	Software Application Lab.
	02		
	03		





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DEPARTMENT OF CIVIL ENGINEERING

From

Ms. Tanvi Rai A  
Assistance Professor,  
Dept. of Civil Engineering  
AIET, Mijar

To

HOD  
Dept. of Civil Engineering  
AIET, Mijar

Sir,

Sub: - Subjects opted for the EVEN semester of academic year 2022-23 - reg.

Following are the subjects I would opt to handle for the Civil Engineering students during the EVEN semester of the academic year 2022-23

  
(Ms. Tanvi Rai A)

Date: 06/02/2023

REGULAR THEORY SUBJECT OPTIONS

Semester	Subject code		Subject title
II	01	22ETC25b.	Green building.
IV	01		
	02		
	03		
VI	01		
	02		
	03		
VIII	01		
	02		
	03		

ELECTIVE SUBJECT OPTIONS

IV	01	21CV485	Green buildings
	02		
VI	01		
	02		
VIII	01		
	02		

PRACTICAL SUBJECT OPTIONS

IV	01		
	02		
VI	01		
	02		
	03		

From

Ms. Anusha B Rao  
Assistance Professor,  
Dept. of Civil Engineering  
AIET, Mijar

To

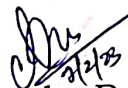
HOD  
Dept. of Civil Engineering  
AIET, Mijar

Sir,

Sub: - Subjects opted for the EVEN semester of academic year 2022-23 - reg.

Following are the subjects I would opt to handle for the Civil Engineering students during the EVEN semester of the academic year 2022-23

Date: 06/02/2023

  
(Ms. Anusha B Rao)

REGULAR THEORY SUBJECT OPTIONS			
Semester	Subject code		Subject title
II	01	22ETC15B	Green Building
	01	21CV43	Public Health Engineering
IV	02		
	03		
VI	01		
	02		
VIII	01		
	02		
	03		
ELECTIVE SUBJECT OPTIONS			
IV	01		
	02		
VI	01	18CV643	Alternative Building Material
	02		
VIII	01	18CV824	Rehabilitation and Retrofitting.
	02		
PRACTICAL SUBJECT OPTIONS			
IV	01	21CV42	Fluid Mechanics and Hydraulics
	02	21CVL46	Engineering Geology Lab
VI	01	18CVL66	Software Application Laboratory
	02	18CVL67	Environmental Engineering Laboratory
	03		



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Phone: 08258-262725, Fax: 08258-262726

## DEPARTMENT OF CIVIL ENGINEERING

### SUBJECT ALLOTMENT – EVEN SEMESTER 2022-23 (Unit Calculation -Excluding Internship/Project/Seminar)

Sl. no	Faculty Name	THEORY		Laboratory		
		Subject 1	Subject 2	Lab 1	Lab 2	Lab 3
1.	Dr. H. Ajith Hebbar (AH)	Fluid Mechanics and Hydraulics (21CV42) (5Hours, 4 <sup>th</sup> sem)		Fluid Mechanics and Hydraulics (21CV42), 3hrs, 4 <sup>th</sup> sem	-----	-----
2.	Prof. B. Durgaprasad Baliga (DPB)	Design of Steel Structural Elements (18CV61, 6 <sup>th</sup> sem, 5hrs)	-----	Software Application Laboratory (3hrs,6 <sup>th</sup> sem)		-----
3.	Dr. H G Umeshchandra (HGU)	Solid Waste Management (18CV642, 6 <sup>th</sup> sem, 4hrs)	Remote Sensing & GIS (18CV651, 6 <sup>th</sup> sem, 5hrs)	Engineering Geology Lab (3hrs, 4 <sup>th</sup> sem)	Public Health Engineering (4 <sup>th</sup> sem, 3hrs)	
4.	Prof. Varadaraj KS	Hydrology and Irrigation Engineering (18CV63, 6 <sup>th</sup> sem, 4hrs)	QA & QC (2 Hours, 8 <sup>th</sup> sem & 6 <sup>th</sup> sem)			
5.	Prof. Shankargiri K. S. (SKS)	Pavement Design (18CV825, 8 <sup>th</sup> sem, 4hrs)	Applied Geotechnical Engineering (18CV62, 6 <sup>th</sup> sem, 5hrs)	Valuation (8 <sup>th</sup> sem, 1 Hour)	Aptitude (CV, 4 Hours)	



6.	Prof. Surendra P. (SP)	<i>Design of Pre-stressed Concrete</i> (18CV81, 8 <sup>th</sup> sem, 5hrs)	Analysis of Structures (18CV44, 6 <sup>th</sup> sem, 5hrs)	Extensive Survey project (6 <sup>th</sup> sem, 3hrs)	Software Application Laboratory (6 <sup>th</sup> sem, 3hrs)	
7.	Prof. Ramesh Rao B. (RRB)	Occupational Health & Safety (18CV653, 6 <sup>th</sup> sem, 5hrs)	Green building (22ETC15B) 1 <sup>st</sup> year, 4hrs)	Engineering Geology Lab (4 <sup>th</sup> sem, 3hrs)	Environmental Engineering Laboratory (6 <sup>th</sup> sem, 3hrs)	Green building (2 <sup>nd</sup> year, 2 hrs)
8.	Mr. Santhosh K. (SK)	Green building (22ETC15B)	Public Health Engineering (21CV43)	Public Health Engineering lab (4 <sup>th</sup> sem, 3hrs)	Environmental Engineering Laboratory	Extensive Survey project
9.	Prof. Tanvi Rai (TR)	Green building (22ETC15B)	Green building (22ETC15B)			-----
10.	Prof. Anusha Rao (AR)	Green building (22ETC15B)	Rehabilitation & Retrofitting (18CV824)	Occupational Health & Safety (18CV653)	Fluid Mechanics and Hydraulics	