

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)



(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUGV, Vizianagaram)

NAAC Accredited with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963694444, Website: www.diet.edu.in, E-mail: info@diet.edu.in



BOARD OF STUDIES

DEPARTMENT OF CIVIL ENGINEERING

COURSE: CIVIL ENGINEERING

FORMATION AND FUNCTIONS OF BOARD OF STUDIES

The Board of Studies is a statutory body that reports to the Academic Council through the Concerned Dean. Each Academic Department shall have a Board of Studies. All academic matters like Introduction of a new Academic Program, Revision of a program / course, review of academic rules shall be handled by the board of studies.

Composition of Board of Studies:

1. Head of the Department concerned (Chairman).
2. The entire faculty of each specialization.
3. Two subject experts from outside the Parent University to be nominated by the Academic Council.
4. One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college Principal.
5. One representative from industry/corporate sector/allied area relating to placement.
6. One postgraduate meritorious alumnus to be nominated by the principal.

The Chairman, Board of Studies, may with the approval of the principal of the college, :Co-opt (a) Experts from outside the college whenever special courses of studies are to be formulated.

(b) Other members of staff of the same faculty.

Term: The term of the nominated members shall be three years.

Meetings: (a) The Board of Studies shall meet at least twice a year.

(b) A notice of at least 5 days shall be given for a meeting of the Board of studies along with the agenda prepared with the approval of the Chairman, Board of Studies.

(c) Every meeting shall be presided over by the Chairman of the Board of Studies.

(d) Secretary shall finalize the Minutes of the proceedings as soon as possible after the meeting.

(e) Decisions at the meeting shall be taken by a simple majority and shall come into force only after the approval of the Academic Council. However the proposals shall be recommended by the concerned Dean to the Academic Council.

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY(AUTONOMOUS)

Board of Studies: Civil Engineering Department

S. No.	Name of the person	Designation	Category	Status of the person	Affiliation
1.	Mr. A.Devi Prasad	Assistant Professor	Education	Chairman (HOD)	DIET, Anakapalle
2.	Dr.R.Vaikunta Rao	Professor	Education	Member – Faculty	DIET, Anakapalle
3.	Er. N. Ramu	Associate Professor	Education	Member –Faculty (Structures)	DIET, Anakapalle
4.	Mr.M.R.V.S.G.Guptha	Associate Professor	Education	Member –Faculty (Structures)	DIET, Anakapalle
5.	Mr.P.L.Narayana	Associate Professor	Education	Member – Faculty	DIET, Anakapalle
6.	Mr.Y.Hemanth Kumar	Assistant Professor	Education	Member –Faculty (Structures)	DIET, Anakapalle
7.	Mr.B.Sudheer Kumar	Assistant Professor	Education	Member – Faculty	DIET, Anakapalle
8.	Mrs.Debapriya Paul	Assistant Professor	Education	Member – Faculty	DIET, Anakapalle
9.	Mrs.Punnam Lavanya	Assistant Professor	Education	Member – Faculty	DIET, Anakapalle
10.	Mr.O.Suresh	Assistant Professor	Education	Member – Faculty	DIET, Anakapalle
11.	Mr.S.Naveen Kumar	Assistant Professor	Education	Member – Faculty	DIET, Anakapalle
12.	Mr.S. Lovaraju	Assistant Professor	Education	Member – Faculty	DIET, Anakapalle
13.	Mr. V.V. Prasanna Kumar	Assistant Professor	Education	Member – Faculty	DIET, Anakapalle
14.	Prof. Dr. G.V.R. Srinivasa Rao	Professor	Education	Member-Faculty (Selected by the Vice Chancellor from the names proposed by the Principal)	ANDHRA UNIVERSITY Visakhapatnam
15.	Dr. B. Vijaya Saradhi	Professor	Education	Member –Faculty (outside the college nominated by the Academic Council)	AUCE(A), Visakhapatnam
16.	Prof. Dr. M. Ramesh	Professor	Education	Member –Faculty (outside the college nominated by the Academic Council)	GITAM University Visakhapatnam

17.	Dr. P. Bhavya Manjeera	Scientist & Assistant Manager (IPR & ToT) Principal Member - BIS(ETD-54)	Industry (NRDC-IPFC & TISC)	Representative from industry/corporate sector/allied areas relating to academics	National Research Development Corporation (NRDC) Visakhapatnam
18.	Mr. M. Balakrishna	Senior Executive Quality	Alumni	Meritorious student to be nominated by the principal (co-optional)	ACC RMX, Adani Group



Chairman

Head of the Department
(Mr. A. Devi Prasad)

**Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech.
Anakapalli - 531 002.**

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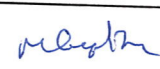


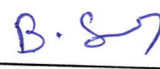
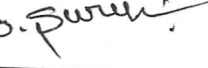


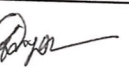

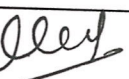
MINUTES OF BOARD OF STUDIES

DEPARTMENT OF CIVIL ENGINEERING

Minutes of Boards of studies in the Department of Civil Engineering, as per the orders of the Principal Lr.No. DIET(A)/BOS-CIVIL/2023-24/01 Dated: 22.12.2023 the board of studies meeting is held on 30-12-2023 in hybrid mode at DIET campus and discussed the course structure and detailed syllabus for I Year B. Tech. course. The following members have attended the meeting.

Members Present:

S. No.	Name of the person	Designation	Category	Status of the person	Affiliation	Signature
1.	Mr. A. Devi Prasad	Assistant Professor	Education	Chairman (HOD)	DIET, Anakapalle	
2.	Prof. Dr. G.V.R. Srinivasa Rao	Professor	Education	Member-Faculty (Selected by the Vice Chancellor - JNTU-GV from the names proposed by the Principal)	ANDHRA UNIVERSITY Visakhapatnam	
3.	Dr. B. Vijaya Saradhi	Professor	Education	Member - Faculty (outside the college nominated by the Academic Council)	ANDHRA UNIVERSITY Visakhapatnam	
4.	Prof. Dr. M. Ramesh	Professor	Education	Member - Faculty (outside the college nominated by the Academic Council)	GITAM University Visakhapatnam	
5.	Dr. P. Bhavya Manjeera	Scientist & Assistant Manager (IPR & ToT) Principal Member - BIS (ETD-54)	Industry	Representative from industry/corporate sector/allied areas relating to academics	National Research Development Corporation (NRDC) Visakhapatnam	
6.	Mr. M. Balakrishna	Senior Executive Quality	Alumni	Meritorious student to be nominated by the principal	ACC RMX, Adani Group	
7.	Dr. R. Vaikunta Rao	Professor	Education	Member - Faculty	DIET, Anakapalle	
8.	Er. N. Ramu	Associate Professor	Education	Member - Faculty (Structures)	DIET, Anakapalle	

9.	Mr.M.R.V.S.G.Guptha	Associate Professor	Education	Member –Faculty (Structures)	DIET ,Anakapalle	
10.	Mr.P.L.Narayana	Associate Professor	Education	Member – Faculty	DIET ,Anakapalle	
11.	Mr.Y.Hemant Kumar	Assistant Professor	Education	Member –Faculty (Structures)	DIET ,Anakapalle	
12.	Mr.B.Sudheerkumar	Assistant Professor	Education	Member – Faculty	DIET ,Anakapalle	
13.	Mr.O.Suresh	Assistant Professor	Education	Member – Faculty	DIET ,Anakapalle	
14.	Mrs.Punnam Lavanya	Assistant Professor	Education	Member – Faculty	DIET ,Anakapalle	
15.	Mr.S.Naveen Kumar	Assistant Professor	Education	Member – Faculty	DIET ,Anakapalle	
16.	Mrs.Debapriya Paul	Assistant Professor	Education	Member – Faculty	DIET ,Anakapalle	
17.	Mr.S. Lovaraju	Assistant Professor	Education	Member – Faculty	DIET ,Anakapalle	
18.	Mr. V. V. Prasanna Kumar	Assistant Professor	Education	Member – Faculty	DIET ,Anakapalle	

At the onset of the meeting, the Chairman of BOS, Mr. A. Devi Prasad, welcomed all the esteemed BOS members and introduced internal BOS members to external expert BOS members. The meeting began with a presentation of the curriculum of DR23 - Civil Engineering by chairperson for I B.Tech., I & II semesters. He then presented the syllabus of the all civil engineering subjects in I & II semesters for UG prepared by internal BOS members.

Agenda:

To approve the curriculum and syllabus of the I B.Tech., I & II Semester Civil Engineering course structure DR23.

Points Discussed:

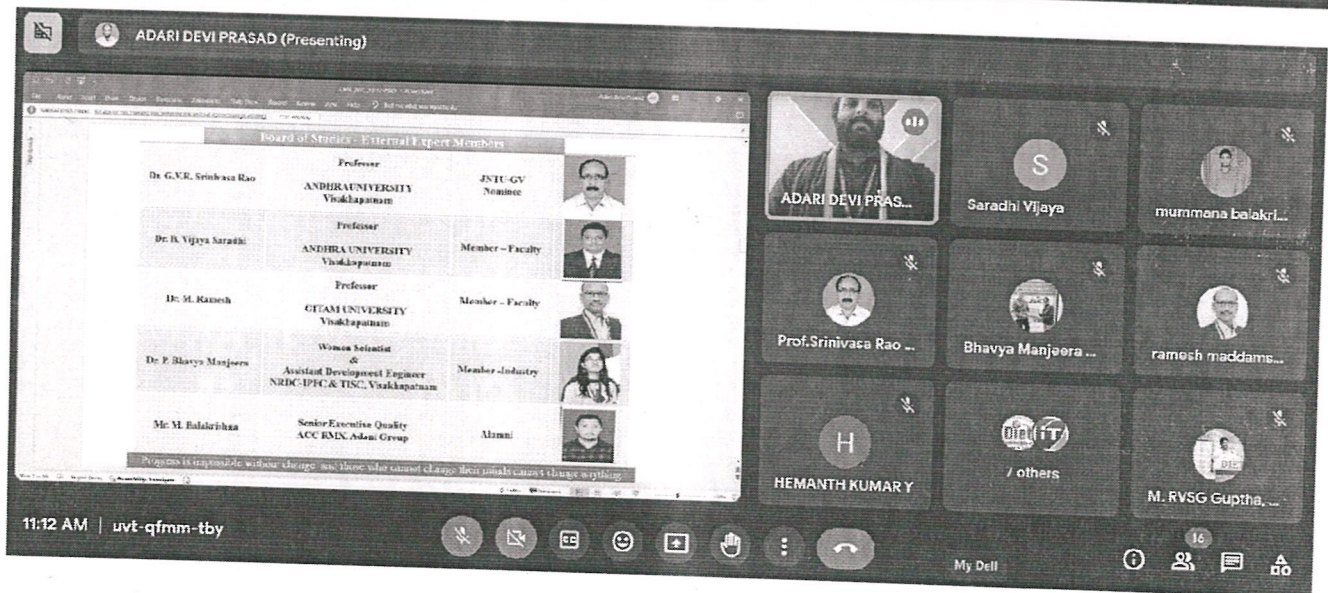
1. Discussed about the proposed course structure and syllabus for B. TechI year w.e.f. the year 2023-24 onwards.
2. Discussed about modifications to incorporate experiential and participatory learning in line with Outcome based education in UG Syllabus.
3. Discussed about project-based learning topics in UG Syllabus.
4. Discussed on any minor corrections / modifications / additions required in the framed course structure and syllabi.

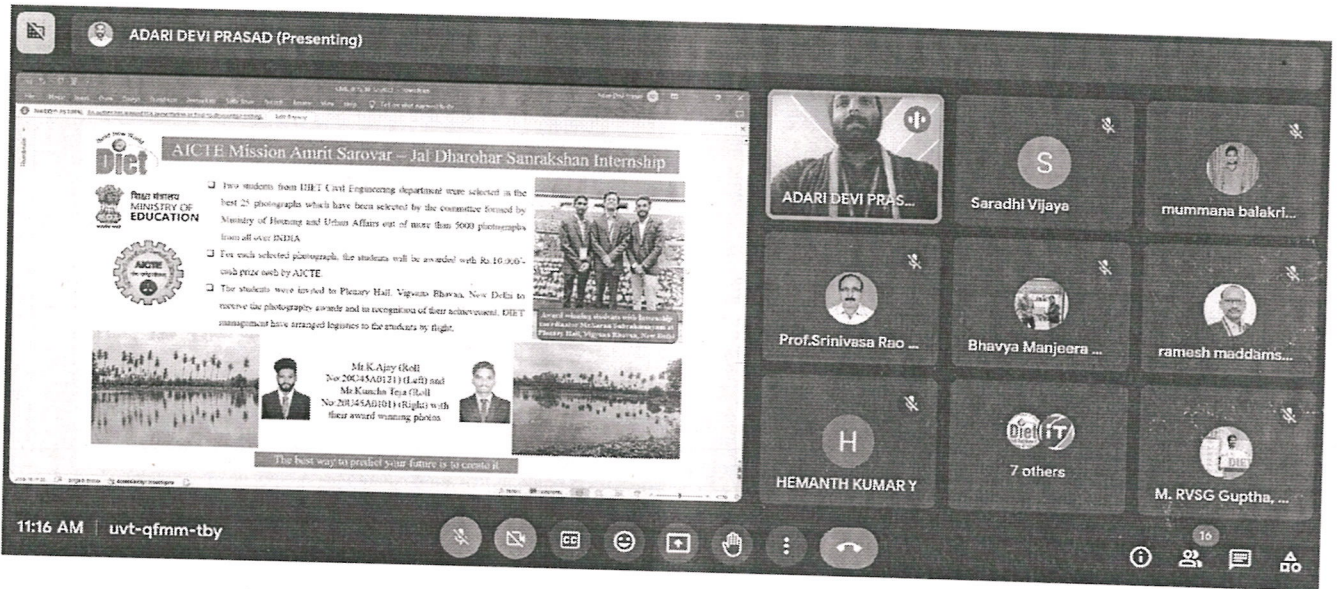
Resolutions:

After fruitful discussions, relevant comments were incorporated appropriately in the Curriculum and Syllabi & the following points are resolved unanimously.

1. Recommended the proposed course structure and finalized the course structure and syllabus for B. TechI year w.e.f. 2023-24 onwards.
2. Proposed minor modifications in UG Syllabus to incorporate experiential and participatory learning in line with Outcome based education.
3. Recommended to adopt project-based learning topics in UG Syllabus to enrich Industrial-Research oriented studies at UG level.
4. The Board authorized BOS Chairman for any minor corrections / modifications / additions required in the framed course structure and syllabi.

Mr. A. Devi Prasad, Chairman - BOS, thanked all the esteemed BOS members for their kind cooperation and the meeting came to an end.





A. Devi Prasad

Chairman

BOARD OF STUDIES

**Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech.
Anakapalli - 531 002.**

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COURSE STRUCTURE

FIRST YEAR

B. Tech (Regular-Full time)

(Effective for the students admitted into I year from the Academic Year
2023-24 onwards)

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Group-A

B.TECH. - CSE, CSE(DS), CSE(AI&ML)

I Year I Semester						
S.No	Course Code	Course Name	L	T	P	Credits
1.	R23BS01	Linear Algebra & Calculus	3	0	0	3
2.	R23BS03	Engineering Physics	3	0	0	3
3.	R23HS01	Communicative English	2	0	0	2
4.	R23ES01	Basic Civil & Mechanical Engineering	3	0	0	3
5.	R23ES07	Introduction to Programming	3	0	0	3
6.	R23HS01	Communicative English Lab	0	0	2	1
7.	R23BS03	Engineering Physics Lab	0	0	2	1
8.	R23ES02	Engineering Workshop	0	0	3	1.5
9.	R23ES06	IT Workshop	0	0	2	1
10.	R23ES07	Computer Programming Lab	0	0	3	1.5
11.	R23MC01	Health and Wellness, Yoga and Sports	0	0	1	0.5
Total						20.5

I Year II Semester						
S.No	Course Code	Course Name	L	T	P	Credits
1.	R23BS02	Differential Equations and Vector calculus	3	0	0	3
2.	R23BS05	Chemistry	3	0	0	3
3.	R23ES03	Engineering Graphics	1	0	4	3
4.	R23ES04	Basic Electrical & Electronics Engineering	3	0	0	3
5.	R23PC04	Data Structures	3	0	0	3
6.	R23BS05	Chemistry Lab	0	0	2	1
7.	R23ES05	Electrical & Electronics Engineering workshop	0	0	3	1.5
8.	R23PC04	Data Structures Lab	0	0	3	1.5
9.	R23MC02	NSS/NCC/Scouts & Guides/Community Service	0	0	1	0.5
Total						19.5

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Group-B
B.TECH-Civil Engineering

I Year I Semester						
S.No	Course Code	Course Name	L	T	P	Credits
1.	R23BS01	Linear Algebra & Calculus	3	0	0	3
2.	R23BS04	Engineering Chemistry	3	0	0	3
3.	R23ES07	Introduction to Programming	3	0	0	3
4.	R23ES03	Engineering Graphics	1	0	4	3
5.	R23ES04	Basic Electrical & Electronics Engineering	3	0	0	3
6.	R23BS04	Engineering Chemistry Lab	0	0	2	1
7.	R23ES07	Computer Programming Lab	0	0	3	1.5
8.	R23ES05	Electrical & Electronics Engineering Workshop	0	0	3	1.5
9.	R23MC02	NSS/NCC/Scouts & Guides/Community Service	0	0	1	0.5
Total						19.5

I Year II Semester						
S.No	Course Code	Course Name	L	T	P	Credits
1.	R23BS02	Differential Equations and Vector Calculus	3	0	0	3
2.	R23BS03	Engineering Physics	3	0	0	3
3.	R23HS01	Communicative English	2	0	0	2
4.	R23ES01	Basic Civil & Mechanical Engineering	3	0	0	3
5.	R23PC01	Engineering Mechanics	3	0	0	3
6.	R23HS01	Communicative English Lab	0	0	2	1
7.	R23BS03	Engineering Physics Lab	0	0	2	1
8.	R23ES06	IT workshop	0	0	2	1
9.	R23ES02	Engineering Workshop	0	0	3	1.5
10.	R23PC01	Engineering Mechanics & Building Practices Lab	0	0	3	1.5
11.	R23MC01	Health and Wellness, Yoga and Sports	0	0	1	0.5
Total						20.5

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Group-B
B.TECH- ECE

I Year I Semester						
S.No	Course Code	Course Name	L	T	P	Credits
1.	R23BS01	Linear Algebra & Calculus	3	0	0	3
2.	R23BS04	Chemistry	3	0	0	3
3.	R23ES07	Introduction to Programming	3	0	0	3
4.	R23ES03	Engineering Graphics	1	0	4	3
5.	R23ES04	Basic Electrical & Electronics Engineering	3	0	0	3
6.	R23BS04	Chemistry Lab	0	0	2	1
7.	R23ES07	Computer Programming Lab	0	0	3	1.5
8.	R23ES05	Electrical & Electronics Engineering Workshop	0	0	3	1.5
9.	R23MC02	NSS/NCC/Scouts & Guides/Community Service	0	0	1	0.5
Total						19.5

I Year II Semester						
S.No	Course Code	Course Name	L	T	P	Credits
1.	R23BS02	Differential Equations and Vector Calculus	3	0	0	3
2.	R23BS03	Engineering Physics	3	0	0	3
3.	R23HS01	Communicative English	2	0	0	2
4.	R23ES01	Basic Civil & Mechanical Engineering	3	0	0	3
5.	R23PC01	Network Analysis	3	0	0	3
6.	R23HS01	Communicative English Lab	0	0	2	1
7.	R23BS03	Engineering Physics Lab	0	0	2	1
8.	R23ES06	IT workshop	0	0	2	1
9.	R23ES02	Engineering Workshop	0	0	3	1.5
10.	R23PC01	Network Analysis And Simulation Laboratory	0	0	3	1.5
11.	R23MC01	Health and Wellness, Yoga and Sports	0	0	1	0.5
Total						20.5


Controller of Examination
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Group-B
B.TECH- EEE

I Year I Semester						
S.No	Course Code	Course Name	L	T	P	Credits
1.	R23BS01	Linear Algebra & Calculus	3	0	0	3
2.	R23BS04	Chemistry	3	0	0	3
3.	R23ES07	Introduction to Programming	3	0	0	3
4.	R23ES03	Engineering Graphics	1	0	4	3
5.	R23ES04	Basic Electrical & Electronics Engineering	3	0	0	3
6.	R23BS04	Chemistry Lab	0	0	2	1
7.	R23ES07	Computer Programming Lab	0	0	3	1.5
8.	R23ES05	Electrical & Electronics Engineering Workshop	0	0	3	1.5
9.	R23MC02	NSS/NCC/Scouts & Guides/Community Service	0	0	1	0.5
Total						19.5

I Year II Semester						
S.No	Course Code	Course Name	L	T	P	Credits
1.	R23BS02	Differential Equations and Vector Calculus	3	0	0	3
2.	R23BS03	Engineering Physics	3	0	0	3
3.	R23HS01	Communicative English	2	0	0	2
4.	R23ES01	Basic Civil & Mechanical Engineering	3	0	0	3
5.	R23PC01	Electrical Circuit Analysis-I	3	0	0	3
6.	R23HS01	Communicative English Lab	0	0	2	1
7.	R23BS03	Engineering Physics Lab	0	0	2	1
8.	R23ES06	IT workshop	0	0	2	1
9.	R23ES02	Engineering Workshop	0	0	3	1.5
10.	R23PC01	Electrical Circuit Lab	0	0	3	1.5
11.	R23MC01	Health and Wellness, Yoga and Sports	0	0	1	0.5
Total						20.5