



Ref: SITE/AO/Academics/11/2022-2023/02

Date: 18.11.2022

OFFICE CIRCULAR

Sub: Engineering - Academic Calendar for A.Y. 2022-2023 – Reg.

Ref1: NAAC 2.3.4: Preparation and Adherence to Academic Calendar and Teaching Plans by the Institution

Ref2: E-mail received from the HOD, AS & H, Dated on 18.11.2022

Academic Calendar for I B.Tech I & II Semester

I Semester

Start Date	End Date	No. of Weeks	Activity
26.09.2022	01.10.2022	1W	Registration
06.10.2022	26.10.2022	3W	Induction Program /Bridge Courses
27.10.2022	21.12.2022	8W	CO-1,2,3 of Instructions
15.12.2022	21.12.2022	1W	MID-1 & Quiz Examinations
22.12.2022	15.02.2023	8W	CO-3,4,5 of Instructions
09-02-2023	15-02-2023	1W	MID-2 & Quiz Examinations
16-02-2023	23-02-2023	1W	Preparation Holidays & Practical examinations
24-02-2023	10-03-2023	2W	Theory End Examinations
13.03.2023	Commencement of next semester class work		

II Semester

Start Date	End Date	No. of Weeks	Activity
13.03.2023		--	Commencement of class work and registration
13.03.2023	06.05.2023	8W	CO-1,2,3 of Instructions
01.05.2023	06.05.2023	1W	MID-1 & Quiz Examinations
08.05.2023	01.07.2023	8W	CO-3,4,5 of Instructions
26.06.2023	01.07.2023	1W	MID-2 & Quiz Examinations
03.07.2023	08.07.2023	1W	Preparation Holidays & Practical examinations
10.07.2023	22.07.2023	2W	Preparation holidays & Practical examinations, Theory End Examinations
24.07.2023	Commencement of next semester class work		

T V Rama Krishna
Dean Academics 18/11/22

M. S. Srinivasulu Reddy
Principal

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Ref: SITE/AO/Academics/09/2022-2023/01

Date: 26.09.2022

OFFICE CIRCULAR

Sub: Engineering - Academic Calendar for A.Y. 2022-2023 – Reg.

Ref: NAAC 2.3.4: Preparation and Adherence to Academic Calendar and Teaching Plans by the Institution

Academic Calendar for II B.Tech III & IV Semester

III Semester

Start Date	End Date	No. of Weeks	Activity
26.09.2022	01.10.2022	1W	Registration
26.09.2022		--	Commencement of class work
26.09.2022	08.10.2022	2W	CO-1,2,3 of Instructions
10.10.2022	15.10.2022	1W	Placement Training
17.10.2022	19.11.2022	5W	CO-1,2,3 of Instructions
21.11.2022	26.11.2022	1W	MID-1 & Quiz Examinations
28.11.2022	03.12.2022	1W	Placement Training
05.12.2022	21.01.2023	7W	CO-3,4,5 of Instructions
23.01.2023	28.01.2023	1W	MID-2 & Quiz Examinations
30.01.2023	18.02.2023	3W	Preparation Holidays & Practical examinations, Theory End Examinations
20.02.2023	Commencement of next semester class work		

IV Semester

Start Date	End Date	No. of Weeks	Activity
20.02.2023	25.02.2023	1W	Registration
20.02.2023		--	Commencement of class work
20.02.2023	08.04.2023	7W	CO-1,2,3 of Instructions
10.04.2023	15.04.2023	1W	MID-1 & Quiz Examinations
17.04.2023	22.04.2023	1W	Placement Training
24.04.2023	06.05.2023	2W	CO-3,4,5 of Instructions
08.05.2023	17.06.2023	6W	Summer Internship/Community Service
19.06.2023	29.07.2023	6W	CO-3,4,5 of Instructions
31.07.2023	05.08.2023	1W	MID-2 & Quiz Examinations
07.08.2023	26.08.2023	3W	Preparation holidays & Practical examinations, Theory End Examinations
28.08.2023	Commencement of next semester class work		

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Ref: SITE/AO/Academics/ 08/2022-2023/05

Date: 17.08.2022

OFFICE CIRCULAR

Sub: Modified Engineering - Academic Calendar for A.Y. 2022-2023, Odd Semester – Reg.

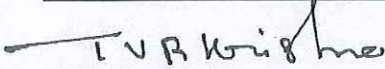
Ref: NAAC 2.3.4: Preparation and Adherence to Academic Calendar and Teaching Plans by the Institution

Academic Calendar for III B.Tech V & VI Semester V Semester

Start Date	End Date	No. of Weeks	Activity
22-08-2022	27.08.2022	1W	Registration
22-08-2022	--	--	Commencement of class work
22.08.2022	03.09.2022	2W	CO-1,2,3 of Instructions
05-09-2022	10.09.2022	1W	Placement Training
12-09-2022	19.10.2022	6W	CO-1,2,3 of Instructions
20-10-2022	22.10.2022	3D	MID-1 & Quiz Examinations
24.10.2022	29.10.2022	1W	Placement Training
31.10.2022	21.12.2022	8W	CO-3,4,5 of Instructions
22.12.2022	24.12.2022	3D	MID-2 & Quiz Examinations
26.12.2022	14.01.2023	3W	Preparation holidays & Practical Examinations, Theory End Examinations
16.01.2023	Commencement of next semester class work		

VI Semester

Start Date	End Date	No. of Weeks	Activity
16-01-2023	21.01.2023	1W	Registration
16-01-2023	--	--	Commencement of class work
16-01-2023	08.03.2023	8W	CO-1,2,3 of Instructions
09-03-2023	11.03.2023	3D	MID-1 & Quiz Examinations
13.03.2023	03.05.2023	8W	CO-3,4,5 of Instructions
04.05.2023	06.05.2023	3D	MID-2 & Quiz Examinations
08.05.2023	17.06.2023	6W	summer Internship(Ref. vii.d of JNTU r.20Regulations)
19.06.2023	08.07.2023	3W	Preparation holidays & Practical Examinations, Theory End Examinations
17.07.2023	Commencement of next semester class work		


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Ref: SITE/AO/Academics/08/2022-2023/02

Date: 05.08.2022

OFFICE CIRCULAR

Sub: Engineering - Academic Calendar for A.Y. 2022-2023, Odd Semester – Reg.

Ref: NAAC 2.3.4: Preparation and Adherence to Academic Calendar and Teaching Plans by the Institution

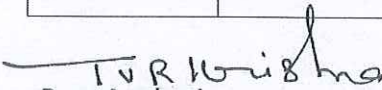
Academic Calendar for IVB.TechVII & VIII Semester

VII Semester

Start Date	End Date	No. of Weeks	Activity
22-08-2022	27.08.2022	1W	Registration
22-08-2022	--	--	Commencement of class work
19.09.2022	24.09.2022	1W	Class Test-1 (First Hour only)
22-08-2022	12.10.2022	8W	CO-1,2,3 of Instructions
13-10-2022	15.10.2022	3D	MID-1 & Quiz Examinations
28.11.2022	03.12.2022	1W	Class Test-2 (First Hour only)
17.10.2022	07.12.2022	8W	CO-4,5,6 of Instructions
08.12.2022	10.12.2022	3D	MID-2 & Quiz Examinations
12.12.2022	31.12.2022	3W	Preparation holidays & Practical examinations, Theory End Examinations
02.01.2023	Commencement of next semester class work		

VIII Semester

Start Date	End Date	No. of Weeks	Activity
02.01.2023	07.01.2023	1W	Registration
02.01.2023	--	--	Commencement of class work
30.01.2023	04.02.2023	1W	Class Test-1 (First Hour only)
02.01.2023	22.02.2023	8W	CO-1,2,3 of Instructions
23.02.2023	25.02.2023	3D	MID-1 & Quiz Examinations
03.04.2023	08.04.2023	1W	Class Test-2 (First Hour only)
27.02.2023	19.04.2023	8W	CO-4,5,6 of Instructions
20.04.2023	22.04.2023	3D	MID-2 & Quiz Examinations
24.04.2023	13.05.2023	3W	Preparation holidays & Practical examinations, Theory End Examinations


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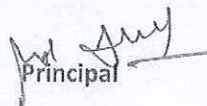
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Ref: SITE/AO/Academics/08/2022-2023/02

Date: 05.08.2022

OFFICE CIRCULAR

Sub: Engineering - Academic Calendar for A.Y. 2022-2023, Odd Semester – Reg.

Ref: NAAC 2.3.4: Preparation and Adherence to Academic Calendar and Teaching Plans by the Institution

Academic Calendar for IVB.TechVII & VIII Semester

VII Semester

Start Date	End Date	No. of Weeks	Activity
22-08-2022	27.08.2022	1W	Registration
22-08-2022	--	--	Commencement of class work
19.09.2022	24.09.2022	1W	Class Test-1 (First Hour only)
22-08-2022	12.10.2022	8W	CO-1,2,3 of Instructions
13-10-2022	15.10.2022	3D	MID-1 & Quiz Examinations
28.11.2022	03.12.2022	1W	Class Test-2 (First Hour only)
17.10.2022	07.12.2022	8W	CO-4,5,6 of Instructions
08.12.2022	10.12.2022	3D	MID-2 & Quiz Examinations
12.12.2022	31.12.2022	3W	Preparation holidays & Practical examinations, Theory End Examinations
02.01.2023	Commencement of next semester class work		

VIII Semester

Start Date	End Date	No. of Weeks	Activity
02.01.2023	07.01.2023	1W	Registration
02.01.2023	--	--	Commencement of class work
30.01.2023	04.02.2023	1W	Class Test-1 (First Hour only)
02.01.2023	22.02.2023	8W	CO-1,2,3 of Instructions
23.02.2023	25.02.2023	3D	MID-1 & Quiz Examinations
03.04.2023	08.04.2023	1W	Class Test-2 (First Hour only)
27.02.2023	19.04.2023	8W	CO-4,5,6 of Instructions
20.04.2023	22.04.2023	3D	MID-2 & Quiz Examinations
24.04.2023	13.05.2023	3W	Preparation holidays & Practical examinations, Theory End Examinations

T V Rama Krishna
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Ref: SITE/AO/Academics/ 08/2022-2023/05

Date: 17.08.2022

OFFICE CIRCULAR

Sub: Modified Engineering - Academic Calendar for A.Y. 2022-2023, Odd Semester – Reg.

Ref: NAAC 2.3.4: Preparation and Adherence to Academic Calendar and Teaching Plans by the Institution

**Academic Calendar for III B.Tech V & VI Semester
V Semester**

Start Date	End Date	No. of Weeks	Activity
22-08-2022	27.08.2022	1W	Registration
22-08-2022	--	--	Commencement of class work
22.08.2022	03.09.2022	2W	CO-1,2,3 of Instructions
05-09-2022	10.09.2022	1W	Placement Training
12-09-2022	19.10.2022	6W	CO-1,2,3 of Instructions
20-10-2022	22.10.2022	3D	MID-1 & Quiz Examinations
24.10.2022	29.10.2022	1W	Placement Training
31.10.2022	21.12.2022	8W	CO-3,4,5 of Instructions
22.12.2022	24.12.2022	3D	MID-2 & Quiz Examinations
26.12.2022	14.01.2023	3W	Preparation holidays & Practical Examinations, Theory End Examinations
16.01.2023	Commencement of next semester class work		

VI Semester

Start Date	End Date	No. of Weeks	Activity
16-01-2023	21.01.2023	1W	Registration
16-01-2023	--	--	Commencement of class work
16-01-2023	08.03.2023	8W	CO-1,2,3 of Instructions
09-03-2023	11.03.2023	3D	MID-1 & Quiz Examinations
13.03.2023	03.05.2023	8W	CO-3,4,5 of Instructions
04.05.2023	06.05.2023	3D	MID-2 & Quiz Examinations
08.05.2023	17.06.2023	6W	summer Internship(Ref. vii.d of JNTU r.20Regulations)
19.06.2023	08.07.2023	3W	Preparation holidays & Practical Examinations, Theory End Examinations
17.07.2023	Commencement of next semester class work		

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Administrative Office

Ref: SITE/AO/Academics/06/2021-22/01

Date: 10.06.2022

OFFICE CIRCULAR

Sub: Engineering – Academic Calendar for A.Y. 2021-22, Even Semester – Reg.

Ref: NAAC 2,3,4: Preparation and adherence to Academic Calendar and Teaching Plans by the Institution

Academic Calendar for III B.Tech (SITE-18M Regulations)

II Semester

Start Date	End Date	No. of Weeks	Activity
14-02-2022	15-02-2022	--	Registration
16-02-2022	--	--	Commencement of class work
16-02-2022	02-04-2022	7W	I Unit of Instructions
14-03-2022	19-03-2022	--	Class Test-1
04-04-2022	09-04-2022	1W	MID-1 & Quiz Examinations
11-04-2022	04-05-2022	5W	II Unit of Instructions
16-05-2022	28-05-2022	2W	Summer Vacation/Internship
30-05-2022	04-06-2022	1W	II Unit of Instructions
06-06-2022	11-06-2022	1W	Vacation Given by JNTUK
13-06-2022	16-07-2022	5W	II Unit of Instructions
18-07-2022	20-07-2022	3D	MID-2 & Quiz Examinations
21-07-2022	23-07-2022	3D	Preparation & Practical
25-07-2022	06-08-2022	2W	Theory End Examinations



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Ref: SITE/AO/Academics/05/2021-2022/19

Date: 14.05.2022

OFFICE CIRCULAR

Sub: Engineering - Academic Calendar for A.Y. 2021-2022, Even Semester – Reg.

Ref1: NAAC 2.3.4: Preparation and Adherence to Academic Calendar and Teaching Plans by the Institution

Ref2: 2nd Academic meeting, point No.2; dated: 4th May 2022

Academic Calendar for IV B.Tech (SITE-18 Regulations)

II Semester

Start Date	End Date	No. of Weeks	Activity
14-02-2022	15-02-2022	--	Registration
16-02-2022	--	--	Commencement of class work
16-02-2022	02-04-2022	7W	I Unit of Instructions
14-03-2022	19-03-2022	--	Class Test-1
04-04-2022	09-04-2022	1W	MID-1 & Quiz Examinations
11.04.2022	14-05-2022		II Unit of Instructions
02.05.2022	07.05.2022	1W	Class Test -2 & certificate Courses
16-05.2022	28.05.2022	2W	Summer Vacation/ Internship
30.05.2022	04.06.2022	1W	II Unit of Instructions
06.06.2022	08.06.2022	3D	MID-2& Quiz Examinations
09.06.2022	11.06.2022	3D	Preparation & Practical
13.06.2022	25.06.2022	2W	Theory End Examinations

Academic Calendar for III B.Tech (SITE-18M Regulations)

II Semester

Start Date	End Date	No. of Weeks	Activity
14-02-2022	15-02-2022	--	Registration
16-02-2022	--	--	Commencement of class work
16-02-2022	02-04-2022	7W	I Unit of Instructions
14-03-2022	19-03-2022	--	Class Test-1
04-04-2022	09-04-2022	1W	MID-1 & Quiz Examinations
11.04.2022	14-05-2022	5W	II Unit of Instructions
16-05-2022	28.05.2022	2W	Summer Vacation/ Internship
30.05.2022	25.06.2022	4W	II Unit of Instructions
27.06.2022	29.06.2022	3D	MID-2 & Quiz Examinations
30.06.2022	07.07.2022	1W	Preparation & Practical
08.07.2022	22.07.2022	2W	Theory End Examinations



Semester closing Date for A.Y 2021-2022, Even Semester

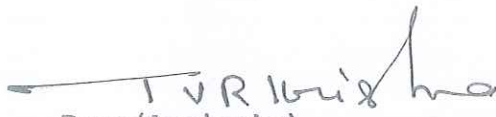
Year	Actual end Date	Modified end Date
1 st Year	10.09.2022	17.09.2022
2 nd Year	23.07.2022	29.07.2022
3 rd Year	15.07.2022	22.07.2022
4 th Year	25.06.2022	25.06.2022

Theory End Examinations for A.Y 2021-2022, Even Semester

Year	Actual Dates	Modified Dates
1 st Year	29-.8.2022 to 10.09.2022	05.09.2022 to 17.09.2022
2 nd Year	11.07.2022 to 23.07.2022	15.07.2022 to 29.07.2022
3 rd Year	01.07.2022 to 15.07.2022	08.07.2022 to 22.07.2022
4 th Year	13.06.2022 to 25.06.2022	13.06.2022 to 25.06.2022

Mid- 2 Examinations for A.Y 2021- 2022, Even Semester

Year	Actual end Date	Modified end Date
1 st Year	15.08.2022 to 28.08.2022	25.08.2022 to 27.08.2022
2 nd Year	27.06.2022 to 02.07.2022	04.07.2022 to 06.07.2022
3 rd Year	20.06.2022 to 25.06.2022	27.06.2022 to 29.06.2022
4 th Year	30.05.2022 to 04.06.2022	06.06.2022 to 08.06.2022


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Date: 20.01.2021

Academic Calendar 2020-21

No.SITE/EXM/Aca.cal/I B.Tech/2020-21/12

Academic Calendar I B.Tech 2020 Admitted Batch

B.Tech I Year I Semester			
	From	To	Week
Orientation	20.01.2021	25.01.2021	5 Working Days
Class Work	27.01.2021	13.03.2021	39 Working Days
Class Test-1	22.02.2021	26.02.2021	5 Working Days
I Mid & Quiz Examinations	15.03.2021	19.03.2021	5 Working Days
Class Work	20.03.2021	15.05.2021	39 Working Days
Class Test-2	26.04.2021	30.04.2021	5 Working Days
II Mid & Quiz Examinations	17.05.2021	21.05.2021	5 Working Days
Preparation & Practicals	22.05.2021	27.05.2021	5 Working Days
Theory End Examinations	28.05.2021	12.06.2021	13 Working Days
B.Tech I Year II Semester			
Commencement of Class Work	14.06.2021		
Class Work	14.06.2021	31.07.2021	40 Working Days
Class Test-1	13.07.2021	17.07.2021	5 Working Days
I Mid & Quiz Examinations	26.07.2021	31.07.2021	5 Working Days
Class Work	02.08.2021	11.09.2021	37 Working Days
Class Test-2	23.08.2021	28.09.2021	5 Working Days
II Mid & Quiz Examinations	06.09.2021	11.09.2021	5 Working Days
Preparation & Practicals	13.09.2021	18.09.2021	6 Working Days
Theory End Examinations	20.09.2021	01.10.2021	12 Working Days
Commence of II B.Tech Class Work			

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 Dr K Bhanu Prasad, Ph.D.,
 Principal

 E-mail : principal@sasi.ac.in
 Mobile : +91 94777 85599
 Date: 27.01.2021

Revised Academic Calendar 2020-21

No.SITE/EXM/Aca.cal/II B.Tech/2020-21/010

 To
 The All Head of the Depts,
 SITE, Tadepalligudem-534101

Academic Calendar II B.Tech 2019 Admitted Batch

B.Tech II Year I Semester			
	From	To	Week
Commencement of Class Work	20.07.2020		
I Unit of Instructions	20.07.20	12.09.20	8 W (44 working days)
I Mid & Quiz Examinations	14.09.20	19.09.20	1 W (6 working days)
I B.Tech I & II Semester Regular and Supply End Theory and Practical Examinations for the academic year 2019-20 were conducted from 27.10.2020 to 11.11.2020			
II Unit of Instructions	16.11.20	16.01.21	8 W (45 working days)
II Mid & Quiz Examinations	01.03.21	06.03.21	1 W (6 working days)
Preparation & Practicals	08.03.21	10.03.21	(3 working days)
Theory End Examinations	13.03.21	24.03.21	2 W (12 working days)
B.Tech II Year II Semester			
Commencement of Class Work	25.03.2021		
I Unit of Instructions	25.03.21	15.05.21	8 W (44 working days)
I Mid & Quiz Examinations	17.05.21	22.05.21	1 W (6 working days)
II Unit of Instructions	24.05.21	17.07.21	8 W (42 working days)
II Mid & Quiz Examinations	19.07.21	24.07.21	1 W (6 working days)
Preparation & Practicals	26.07.21	31.07.21	1 W (6 working days)
Theory End Examinations	02.08.21	14.08.21	2 W (12 working days)

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Semester closing Date for A.Y 2021-2022, Even Semester

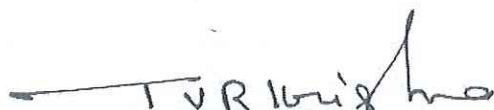
Year	Actual end Date	Modified end Date
1 st Year	10.09.2022	17.09.2022
2 nd Year	23.07.2022	29.07.2022
3 rd Year	15.07.2022	22.07.2022
4 th Year	25.06.2022	25.06.2022

Theory End Examinations for A.Y 2021-2022, Even Semester

Year	Actual Dates	Modified Dates
1 st Year	29-.8.2022 to 10.09.2022	05.09.2022 to 17.09.2022
2 nd Year	11.07.2022 to 23.07.2022	15.07.2022 to 29.07.2022
3 rd Year	01.07.2022 to 15.07.2022	08.07.2022 to 22.07.2022
4 th Year	13.06.2022 to 25.06.2022	13.06.2022 to 25.06.2022

Mid- 2 Examinations for A.Y 2021- 2022, Even Semester

Year	Actual end Date	Modified end Date
1 st Year	15.08.2022 to 28.08.2022	25.08.2022 to 27.08.2022
2 nd Year	27.06.2022 to 02.07.2022	04.07.2022 to 06.07.2022
3 rd Year	20.06.2022 to 25.06.2022	27.06.2022 to 29.06.2022
4 th Year	30.05.2022 to 04.06.2022	06.06.2022 to 08.06.2022


Dean (Academics)


Principal

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Ref: SITE/AO/Academics/09/2021-22/02

Date: 08.01.2022

Academic Calendar for I B.Tech (SITE-21 Regulations)
A.Y. 2021 – 2022

I SEMESTER

Start Date	End Date	No. of Weeks	Activity
24-11-2021	---	---	Commencement of the Induction Program
24-11-2021	14-12-2021	3 W	Induction Program
15-12-2021	05-02-2022	8 W	I Unit of Instructions
07-02-2022	12-02-2022	1 W	MID-1 & Quiz Examinations
14-02-2022	02-04-2022	7 W	II Unit of Instructions
04-04-2022	09-04-2022	1 W	MID-2 & Quiz Examinations
11-04-2022	16-04-2022	1 W	Preparation & Practicals
18-04-2022	30-04-2022	2 W	Theory End Examinations

II SEMESTER

Start Date	End Date	No. of Weeks	Activity
02-05-2022	---	---	Registration & Commencement of Class Work
03-05-2022	18-06-2022	7 W	I Unit of Instructions
20-06-2022	25-06-2022	1 W	MID-1 & Quiz Examinations
27-06-2022	13-08-2022	7 W	II Unit of Instructions
15-08-2022	20-08-2022	1 W	MID-2 & Quiz Examinations
22-08-2022	27-08-2022	1 W	Preparation & Practicals
29-08-2022	10-09-2022	2 W	Theory End Examinations


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T&P	PD	Hostel In charge	Transport Coordinator	Library	Books Stores	



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Date: 03.12.2021

**Academic Calendar for IV B.Tech (SITE-18 Regulations)
A.Y. 2021 – 2022**

I SEMESTER

Start Date	End Date	No. of Weeks	Activity
13-09-2021	14-09-2021	---	Registrations
16-09-2021	---	---	Commencement of Class Work
16-09-2021	06-11-2021	8 W	I Unit of Instructions
18-10-2021	23-10-2021	---	Class Test-1
08-11-2021	13-11-2021	1 W	MID-1 & Quiz Examinations
15-11-2021	15-01-2022	9 W	II Unit of Instructions
13-12-2021	18-12-2021	---	Class Test-2 & Certification Course
17-01-2022	22-01-2022	1 W	MID-2 & Quiz Examinations
24-01-2022	29-01-2022	1W	Preparation & Practicals
31-01-2022	12-02-2022	2W	Theory End Examinations

II SEMESTER

Start Date	End Date	No. of Weeks	Activity
14-02-2022	15-02-2022	---	Registrations
16-02-2021	---	---	Commencement of Class Work
16-02-2021	02-04-2022	7 W	I Unit of Instructions
14-03-2022	19-03-2022	---	Class Test-1
04-04-2022	09-04-2022	1 W	MID-1 & Quiz Examinations
11-04-2022	28-05-2022	7 W	II Unit of Instructions
02-05-2022	07-05-2022	---	Class Test-2 & Certification Course
30-05-2022	04-06-2022	1 W	MID-2 & Quiz Examinations
06-06-2022	11-06-2022	1W	Preparation & Practicals
13-06-2022	25-06-2022	2W	Theory End Examinations


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Date: 03.12.2021

Academic Calendar for III B.Tech (SITE-18 Regulations)
A.Y. 2021 – 2022

I SEMESTER

Start Date	End Date	No. of Weeks	Activity
13-09-2021	14-09-2021	---	Registrations
16-09-2021	---	---	Commencement of Class Work
16-09-2021	06-11-2021	8 W	I Unit of Instructions
18-10-2021	23-10-2021	---	Class Test-1
08-11-2021	13-11-2021	1 W	MID-1 & Quiz Examinations
15-11-2021	15-01-2022	9 W	II Unit of Instructions
13-12-2021	18-12-2021	---	Class Test-2 & Certification Course
17-01-2022	22-01-2022	1 W	MID-2 & Quiz Examinations
24-01-2022	29-01-2022	1 W	Preparation & Practicals
31-01-2022	12-02-2022	2 W	Theory End Examinations

II SEMESTER

Start Date	End Date	No. of Weeks	Activity
14-02-2022	15-02-2022	---	Registrations
16-02-2021	---	---	Commencement of Class Work
16-02-2021	09-04-2022	8 W	I Unit of Instructions
14-03-2022	19-03-2022	---	Class Test-1
11-04-2022	16-04-2022	1 W	MID-1 & Quiz Examinations
18-04-2022	04-06-2022	7 W	II Unit of Instructions
09-05-2022	14-05-2022	---	Class Test-2 & Certification Course
06-06-2022	11-06-2022	1 W	MID-2 & Quiz Examinations
13-06-2022	18-06-2022	1 W	Preparation & Practicals
20-06-2022	02-07-2022	2 W	Theory End Examinations


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Date: 03.12.2021

Academic Calendar for II B.Tech (SITE-18M Regulations)

A.Y. 2021 – 2022

I SEMESTER

Start Date	End Date	No. of Weeks	Activity
01-11-2021	01-11-2021	---	Registrations
02-11-2021	---	---	Commencement of Class Work
02-11-2021	18-12-2021	7 W	I Unit of Instructions
20-12-2021	25-12-2021	1 W	MID-1 & Quiz Examinations
27-12-2021	12-02-2022	7 W	II Unit of Instructions
27-12-2021	01-01-2022	---	Certification Course
14-02-2022	19-02-2022	1 W	MID-2 & Quiz Examinations
21-02-2022	26-02-2022	1 W	Preparation & Practicals
28-02-2022	12-03-2022	2 W	Theory End Examinations

II SEMESTER

Start Date	End Date	No. of Weeks	Activity
14-03-2022	14-03-2022	---	Registrations
15-03-2022	---	---	Commencement of Class Work
15-03-2022	30-04-2022	7 W	I Unit of Instructions
04-04-2022	09-04-2022	---	Certification Course
02-05-2022	07-05-2022	1 W	MID-1 & Quiz Examinations
09-05-2022	25-06-2022	7 W	II Unit of Instructions
27-06-2022	02-07-2022	1 W	MID-2 & Quiz Examinations
04-07-2022	09-07-2022	1 W	Preparation & Practicals
11-07-2022	23-07-2022	2 W	Theory End Examinations

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Director - SITE
Vice Chairman – for kind information
Chairman – for kind information


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Ref: SITE/AO/Academics/09/2021-22/01

Date: 10.09.2021

OFFICE CIRCULAR

Sub: ACADEMIC CALENDAR for A.Y. 2021 – 2022-reg.

Ref1: Letter dt.10.09.2021 from Dr T V Rama Krishna, Coordinator, IQAC, A.O and All HoD's

Ref2: NAAC:2.3.4Preparation and adherence to Academic Calendar and Teachingplans by the institution

III & IVB.Tech Program (Y.2018 & 2019 Admitted Batch)

Start Date	End Date	No. of Weeks	Activity
13-09-2021	14-09-2021	-	Registrations
16-09-2021	-----	-	Commencement of Class Work
16-09-2021	04-10-2021	7W	CO-1 of Instructions
05-10-2021	26-10-2021		CO-2 of Instructions
20-10-2021	26-10-2021		Class Test-1 (1 st hour only)
27-10-2021	06-11-2021		CO-3 of Instructions
08-11-2021	13-11-2021	1W	I Mid & Quiz Examination
15-11-2021	26-11-2021	7W	CO-4 of Instructions
27-11-2021	14-12-2021		CO-5 of Instructions
07-12-2021	14-12-2021		Class Test-2 (1 st hour only)
15-12-2021	01-01-2022		CO-6 of Instructions
03-01-2022	08-01-2022	1W	II Mid & Quiz Examination
10-01-2022	15-01-2022	1W	Preparation &Practicals
17-01-2022	29-01-2022	2W	Theory End Examinations

IIB.Tech Program (Y.2020Admitted Batch)

Start Date	End Date	No. of Weeks	Activity
14-03-2022	14-03-2022	-	Registrations
15-03-2022	-	-	Commencement of Class Work
15-03-2022	31-03-2022	7W	CO-1 of Instructions
01-04-2022	20-04-2022		CO-2 of Instructions
13-04-2022	20-04-2022		Class Test-1 (1 st hour only)
21-04-2022	30-04-2022		CO-3 of Instructions
02-05-2022	07-05-2022	1W	I Mid & Quiz Examination
09-05-2022	19-05-2022	7W	CO-4 of Instructions
20-05-2022	06-06-2022		CO-5 of Instructions
01-06-2022	06-06-2022		Class Test-2 (1 st hour only)
07-06-2022	23-06-2022		CO-6 of Instructions
24-06-2022	30-06-2022	1W	II Mid & Quiz Examination
01-07-2022	07-07-2022	1W	Preparation &Practicals
08-07-2022	21-07-2022	2W	Theory End Examinations
25-07-2022	-	-	Commence of next year class work

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Mail & Hard copy to: Dr. T V Rama Krishna, IQAC, Coordinator
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Anand Gosh.

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Principal

Sasi Institute of Technology & Engineering
TADEPALLIGUDEM - 534 101
W.G.Dist., (A.P.)


 Dr K Bhanu Prasad, Ph.D.,
 Principal

 E-mail : principal@sasi.ac.in
 Mobile : +91 91777 85599
 Date: 27.01.2021

Revised Academic Calendar 2020-21

No.SITE/EXM/Aca.cal/III B.Tech/2020-21/009

 To
 The All Head of the Depts,
 SITE, Tadepalligudem-534101

Academic Calendar III B.Tech 2018 Admitted Batch

B.Tech III Year I Semester			
	From	To	Week
Commencement of Class Work	13.07.2020		
I Unit of Instructions	13.07.20	05.09.20	8 W (44 working days)
I Mid & Quiz Examinations	07.09.20	12.09.20	1 W (6 working days)
II B.Tech II Semester, I B.Tech I & II Semester End Theory and Practical Examinations for the academic year 2019-20 were conducted from 18.10.2020 to 11.11.2020			
II Unit of Instructions	16.11.20	16.01.21	8 W (45 working days)
II Mid & Quiz Examinations	01.02.21	06.02.21	1 W (6 working days)
Preparation & Practicals	10.02.21	13.02.21	(4 working days)
Theory End Examinations	15.02.21	26.02.21	2 W (12 working days)
B.Tech III Year II Semester			
Commencement of Class Work	01.03.2021		
I Unit of Instructions	01.03.21	24.04.21	8 W (44 working days)
I Mid & Quiz Examinations	26.04.21	01.05.21	1 W (6 working days)
II Unit of Instructions	03.05.21	26.06.21	8 W (42 working days)
II Mid & Quiz Examinations	28.06.21	03.07.21	1 W (6 working days)
Preparation & Practicals	05.07.21	10.07.21	1 W (6 working days)
Theory End Examinations	12.07.21	24.07.21	2 W (12 working days)

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 Principal

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 Mobile : +91 91777 85599

Revised Academic Calendar 2020-21

No.SITE/EXM/Aca.cal/II B.Tech/2020-21/006

 To
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 SITE, Tadepalligudem-534101

Academic Calendar II B.Tech 2019 Admitted Batch

B.Tech II Year I Semester			
	From	To	Week
Commencement of Class Work	20.07.2020		
I Unit of Instructions	20.07.20	12.09.20	8 W (44 working days)
I Mid & Quiz Examinations	14.09.20	19.09.20	1 W (6 working days)
I B.Tech I & II Semester Regular and Supply End Theory and Practical Examinations for the academic year 2019-20 were conducted from 27.10.2020 to 11.11.2020			
II Unit of Instructions	16.11.20	16.01.21	8 W (50 working days)
II Mid & Quiz Examinations	18.01.21	23.01.21	1 W (6 working days)
Preparation & Practicals	25.01.21	30.01.21	1 W (6 working days)
Theory End Examinations	01.02.21	13.02.21	2 W (12 working days)
B.Tech II Year II Semester			
Commencement of Class Work	15.02.2021		
I Unit of Instructions	15.02.21	10.04.21	8 W (44 working days)
I Mid & Quiz Examinations	12.04.21	17.04.21	1 W (6 working days)
II Unit of Instructions	19.04.21	12.06.21	8 W (42 working days)
II Mid & Quiz Examinations	14.06.21	19.06.21	1 W (6 working days)
Preparation & Practicals	21.06.21	26.06.21	1 W (6 working days)
Theory End Examinations	28.06.21	10.07.21	2 W (12 working days)
Commence of III B.Tech Class Work			


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Revised Academic Calendar 2020-21

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Academic Calendar III B.Tech 2018 Admitted Batch

B.Tech III Year I Semester			
	From	To	Week
Commencement of Class Work	13.07.2020		
I Unit of Instructions	13.07.20	05.09.20	8 W (44 working days)
I Mid & Quiz Examinations	07.09.20	12.09.20	1 W (6 working days)
II B.Tech II Semester, I B.Tech I & II Semester End Theory and Practical Examinations for the academic year 2019-20 were conducted from 18.10.2020 to 11.11.2020			
II Unit of Instructions	16.11.20	16.01.21	8 W (50 working days)
II Mid & Quiz Examinations	18.01.21	23.01.21	1 W (6 working days)
Preparation & Practicals	25.01.21	30.01.21	1 W (6 working days)
Theory End Examinations	01.02.21	13.02.21	2 W (12 working days)
B.Tech III Year II Semester			
Commencement of Class Work	15.02.2021		
I Unit of Instructions	15.02.21	10.04.21	8 W (44 working days)
I Mid & Quiz Examinations	12.04.21	17.04.21	1 W (6 working days)
II Unit of Instructions	19.04.21	12.06.21	8 W (42 working days)
II Mid & Quiz Examinations	14.06.21	19.06.21	1 W (6 working days)
Preparation & Practicals	21.06.21	26.06.21	1 W (6 working days)
Theory End Examinations	28.06.21	10.07.21	2 W (12 working days)
Commence of IV B.Tech Class Work			

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 Dr K Bhanu Prasad, Ph.D.,
 Principal

 E-mail : principal@sasi.ac.in
 Mobile : +91 91777 85599

Academic Calendar 2020-21

No.SITE/EXM/Aca.cal/II B.Tech/2020-21/003

 To
 The All Head of the Depts,
 SITE, Tadepalligudem-534101

Academic Calendar II B.Tech 2019 Admitted Batch

B.Tech II Year I Semester			
	From	To	Week
Commencement of Class Work	20.07.2020		
I Unit of Instructions	20.07.20	12.09.20	8 W (44 working days)
I Mid & Quiz Examinations	14.09.20	19.09.20	1 W (6 working days)
II Unit of Instructions	21.09.20	14.11.20	8 W (45 working days)
II Mid & Quiz Examinations	16.11.20	21.11.20	1 W (6 working days)
Preparation & Practicals	23.11.20	28.11.20	1 W (6 working days)
Theory End Examinations	30.11.20	12.12.20	2 W (12 working days)
B.Tech II Year II Semester			
Commencement of Class Work	14.12.2020		
I Unit of Instructions	14.12.20	06.02.21	8 W (44 working days)
I Mid & Quiz Examinations	08.02.21	13.02.21	1 W (6 working days)
II Unit of Instructions	15.02.21	10.04.21	8 W (42 working days)
II Mid & Quiz Examinations	12.04.21	17.04.21	1 W (6 working days)
Preparation & Practicals	19.04.21	24.04.21	1 W (6 working days)
Theory End Examinations	26.04.21	08.05.21	2 W (12 working days)
Commence of III B.Tech Class Work	14.06.21		

 18.07.20
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 Dr K Bhanu Prasad, Ph.D.,
 Principal

 E-mail : principal@sasi.ac.in
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Academic Calendar 2020-21

No.SITE/EXM/Aca.cal/III B.Tech/2020-21/004

 To
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Academic Calendar III B.Tech 2018 Admitted Batch

B.Tech III Year I Semester			
	From	To	Week
Commencement of Class Work	13.07.2020		
I Unit of Instructions	13.07.20	05.09.20	8 W (44 working days)
I Mid & Quiz Examinations	07.09.20	12.09.20	1 W (6 working days)
II Unit of Instructions	14.09.20	07.11.20	8 W (45 working days)
II Mid & Quiz Examinations	09.11.20	14.11.20	1 W (6 working days)
Preparation & Practicals	16.11.20	21.11.20	1 W (6 working days)
Theory End Examinations	23.11.20	05.12.20	2 W (12 working days)
B.Tech III Year II Semester			
Commencement of Class Work	07.12.2020		
I Unit of Instructions	07.12.20	30.01.21	8 W (44 working days)
I Mid & Quiz Examinations	01.02.21	06.02.21	1 W (6 working days)
II Unit of Instructions	08.02.21	03.04.21	7 W (42 working days)
II Mid & Quiz Examinations	05.04.21	10.04.21	1 W (6 working days)
Preparation & Practicals	12.04.21	17.04.21	1 W (6 working days)
Theory End Examinations	19.04.21	30.04.21	2 W (12 working days)
Commence of IV B.Tech Class Work	14.06.21		

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 Dr K Bhanu Prasad, Ph.D.,
 Principal

 E-mail : principal@sasi.ac.in
 Mobile : +91 91777 85599

No.SITE/EXM/Aca.cal/I B.Tech/2019-20/057

Dt: 24.08.2019

Academic Calendar 2019-20

 To
 The All Head of the Departments
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Tadepalligudem-534101

I B.Tech 2019 Admitted Batch

Description	From	To	No. of weeks	No. of days
Orientation and Induction Programme	05.08.2019	24.08.2019	3 Weeks	16
B.Tech I Year I Semester				
I Unit of Instructions	26.08.2019	16.10.2019	7 Weeks	40
I Class Test	30.09.2019	05.10.2019	1 Week	5
I Mid Examination	17.10.2019	22.10.2019	1 Week	5
II Unit of Instructions	23.10.2019	09.12.2019	7 Weeks	41
II Class Test	18.11.2019	23.11.2019	1 Week	5
II Mid Examination	10.12.2019	14.12.2019	1 Week	5
Practical Examination	16.12.2019	21.12.2019		6
End Examinations	23.12.2019	01.01.2020		
Commencement of II Semester Class work	02.01.2020			
B.Tech I Year II Semester				
I Unit of Instructions	02.01.2020	22.02.2020	7 Weeks	40
I Class Test	10.02.2019	15.02.2019	1 Week	5
I Mid Examination	24.02.2020	28.02.2020	1 Week	5
II Unit of Instructions	29.02.2020	21.04.2020	7 Weeks	40
II Class Test	06.04.2019	12.04.2019	1 Week	5
II Mid Examination	22.04.2020	27.04.2020	1 Week	5
Practical Examination	28.04.2020	02.05.2020		5
End Examinations	04.05.2020	13.05.2020		
Commencement of II B.Tech Class work	08.06.2020			

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Dt: 24.08.2019

Academic Calendar 2019-20


 To
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 SITE,
Tadepalligudem-534101

I B.Tech 2019 Admitted batch

Description	From	To	No. of weeks	No. of days
Orientation and Induction Programme	05.08.2019	24.08.2019	3 Weeks	16
B.Tech I Year I Semester				
I Unit of Instructions	26.08.2019	16.10.2019	7 Weeks	40
I Class Test	30.09.2019	05.10.2019	1 Week	5
I Mid Examination	17.10.2019	22.10.2019	1 Week	5
II Unit of Instructions	23.10.2019	09.12.2019	7 Weeks	41
II Class Test	18.11.2019	23.11.2019	1 Week	5
II Mid Examination	10.12.2019	14.12.2019	1 Week	5
Practical Examination	16.12.2019	21.12.2019		6
End Examinations	23.12.2019	01.01.2020		
Commencement of II Semester Class work	02.01.2020			
B.Tech I Year II Semester				
I Unit of Instructions	02.01.2020	22.02.2020	7 Weeks	40
I Class Test	10.02.2020	15.02.2020	1 Week	5
I Mid Examination	24.02.2020	28.02.2020	1 Week	5
II Unit of Instructions	29.02.2020	21.04.2020	7 Weeks	40
II Class Test	06.04.2020	12.04.2020	1 Week	5
II Mid Examination	22.04.2020	27.04.2020	1 Week	5
Practical Examination	28.04.2020	02.05.2020		5
End Examinations	04.05.2020	13.05.2020		
Commencement of II B.Tech Class work	08.06.2020			

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Dt: 04.06.2019

Academic Calendar
B.Tech 2018 Admitted Batch
Academic Year 2019 – 2020

B.Tech II Year I Sem			
Description	From	To	week
Commencement of Class work	17.06.19		
I unit of Instructions	17.06.19	17.08.19	9 W (52 working days)
I Class Test	15.07.19	20.07.19	
I Mid Examinations	19.08.19	24.08.19	1 W(5 working days)
II unit of Instructions	26.08.19	19.10.19	8W (43working days)
II Class Test	16.09.19	21.09.19	
II Mid Examinations	21.10.19	26.10.19	1W (6 working days)
Preparation & Practicals	28.10.19	02.11.19	1W (6 working days)
End Examinations	04.11.19	16.11.19	2W (12 working days)
B.Tech II Year II Sem			
Commencement of Class work	25.11.19		
I unit of Instructions	25.11.19	25.01.20	9 W (47 working days)
I Class Test	29.12.19	04.01.20	
I Mid Examinations	27.01.20	01.02.20	1 W(6 working days)
II unit of Instructions	03.02.20	28.03.20	8W (47working days)
II Class Test	09.03.20	14.03.20	
II Mid Examinations	30.03.20	04.04.20	1W (6 working days)
Preparation & Practicals	06.04.20	11.04.20	1W (6 working days)
End Examinations	13.04.20	25.04.20	2W (11 working days)

To
 The All Head of the departments
 Sasi Institute of Technology & Engineering

J. Patel
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 W.G.Dist., A.P.

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No:SITE/EXM/15/Aca.cal/I B.Tech/2018-19/055

Dt: 13-07-2018

Academic Calendar 2018-19

 To
 The All Head of the Depts,
 SITE, Tadepalligudem-534101

Academic Calendar I B.Tech 2018 Admitted Batch

B.Tech I Year I Semester			
Description	From	To	Weeks
Induction Program	22-06-2018	07-07-2018	2 W
Commencement of Class Work	09-07-2018	01-09-2018	8 W
I Class Test	13-08-2018	18-08-2018	1 W
MID-I	03-09-2018	08-09-2018	1 W
Class Work	10-09-2018	03-11-2018	8 W
II Class Test	08-10-2018	13-10-2018	1 W
MID-II	05-11-2018	10-11-2018	1 W
Preparation & Practical Examinations	12-11-2018	17-11-2018	1 W
End Examinations	19-11-2018	28-11-2018	2 W
Semester Break	29-11-2018	04-12-2018	1 W
B.Tech I Year II Semester			
Commencement of Class Work	05-12-2018	29-01-2019	8 W
I Class Test	07-01-2019	12-01-2019	1 W
MID-I	30-01-2019	04-02-2019	1 W
Class Work	05-02-2019	30-03-2019	8 W
II Class Test	11-03-2019	16-03-2019	1 W
MID-II	01-04-2019	05-04-2019	1 W
Preparation & Practical Examinations	08-04-2019	12-04-2019	1 W
End Examinations	15-04-2019	24-04-2019	2 W
Summer Vacations	25-04-2019	08-06-2019	7 W
Commencement of II Year Class work		10-06-2019	

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Academic Calendrer 2018-19

To
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Academic Calendar I B.Tech 2018 Admitted Batch

B.Tech I Year I Semester			
Description	From	To	Weeks
Induction Program	22-06-2018	07-07-2018	2 W
Commencement of Class Work	09-07-2018	01-09-2018	8 W
I Class Test	13-08-2018	18-08-2018	1 W
MID-I	03-09-2018	08-09-2018	1 W
Class Work	10-09-2018	03-11-2018	8 W
II Class Test	08-10-2018	13-10-2018	1 W
MID-II	05-11-2018	10-11-2018	1 W
Preparation & Practical Examinations	12-11-2018	17-11-2018	1 W
End Examinations	19-11-2018	28-11-2018	2 W
Semester Break	29-11-2018	04-12-2018	1 W
B.Tech I Year II Semester			
Commencement of Class Work	05-12-2018	29-01-2019	8 W
I Class Test	07-01-2019	12-01-2019	1 W
MID-I	30-01-2019	04-02-2019	1 W
Class Work	05-02-2019	30-03-2019	8 W
II Class Test	11-03-2019	16-03-2019	1 W
MID-II	01-04-2019	05-04-2019	1 W
Preparation & Practical Examinations	08-04-2019	12-04-2019	1 W
End Examinations	15-04-2019	24-04-2019	2 W
Summer Vacations	25-04-2019	08-06-2019	7 W
Commencement of II Year Class work		10-06-2019	

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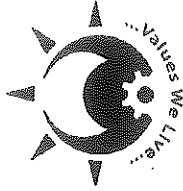
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Dt: 13-07-2018

Academic Calendrer 2018-19

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Academic Calendar I B.Tech 2018 Admitted Batch

B.Tech I Year I Semester			
Description	From	To	Weeks
Induction Program	22-06-2018	07-07-2018	2 W
Commencement of Class Work	09-07-2018	01-09-2018	8 W
I Class Test	13-08-2018	18-08-2018	1 W
MID-I	03-09-2018	08-09-2018	1 W
Class Work	10-09-2018	03-11-2018	8 W
II Class Test	08-10-2018	13-10-2018	1 W
MID-II	05-11-2018	10-11-2018	1 W
Preparation & Practical Examinations	12-11-2018	17-11-2018	1 W
End Examinations	19-11-2018	28-11-2018	2 W
Semester Break	29-11-2018	04-12-2018	1 W
B.Tech I Year II Semester			
Commencement of Class Work	05-12-2018	29-01-2019	8 W
I Class Test	07-01-2019	12-01-2019	1 W
MID-I	30-01-2019	04-02-2019	1 W
Class Work	05-02-2019	30-03-2019	8 W
II Class Test	11-03-2019	16-03-2019	1 W
MID-II	01-04-2019	05-04-2019	1 W
Preparation & Practical Examinations	08-04-2019	12-04-2019	1 W
End Examinations	15-04-2019	24-04-2019	2 W
Summer Vacations	25-04-2019	08-06-2019	7 W
Commencement of II Year Class work		10-06-2019	

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LESSON PLAN
Academic Year: 2021-22

Name of the Faculty: T. Mohana Rao Course : Air, Noise Pollution & Control
Program : B. Tech Course code : 18CECEP8036-a
Class : IV -II SEM

S. No.	Topics	Proposed date	Actual Date	Ref book with page no	Teaching Methodology
Unit-I Air Pollution Introduction					
1	Air Pollution	17/02/2022	17/02/2022	T1: Page No: 1.1 to 1.5	Chalk & talk
2	Samples and Analysis of Pollutants	17/02/2022	17/02/2022	T1: Page No: 1.1 to 1.5	Chalk & talk
3	Conversion of ppm in $\mu\text{g}/\text{m}^3$	18/02/2022	18/02/2022	T1: Page No: 1.6 to 1.8	Chalk & talk
4	Definition of terms related to air pollution and control	21/02/2022	21/02/2022	T1: Page No: 1.5 to 1.6	Chalk & talk
5	Primary Air Pollutants	22/02/2022	22/02/2022	T1: Page No: 2.1 to 2.2	Chalk & talk
6	Secondary Air Pollutants	24/02/2022	24/02/2022	T1: Page No: 2.1 to 2.2	Chalk & talk
7	Indoor Air Pollutants	24/02/2022	24/02/2022	T1: Page No: 12.2 to 12.3	Chalk & talk
8	Climatic change	25/02/2022	25/02/2022	T1: Page No: 2.2 to 2.3	Chalk & talk
9	Impacts of climatic change	28/02/2022	28/02/2022	T1: Page No: 2.2 to 2.3	Chalk & talk
10	Carbon Trade (Unit-1)	03/03/2022	03/03/2022	T1: Page No: 1.1 to 2.3	(Unit-1) PPT
11	Tutorial 1 & 2	03/03/2022	03/03/2022		Read/write
Unit-II Thermodynamics and Kinetics of Air Pollution					

12	Thermodynamics laws	04/03/2022	04/03/2022	T1: Page No: 6.1 to 6.2	Chalk & talk
13	Kinetics of air pollution	07/03/2022	07/03/2022	T1: Page No: 6.1 to 6.2	Chalk & talk
14	Application in the removal of gases like SO _x , NO _x , CO and HC	08/03/2022	08/03/2022	T1: Page No: 9.1 to 9.5	Chalk & talk
15	Air fuel ratio	10/03/2022	10/03/2022	T1: Page No: 9.1 to 9.5	Chalk & talk
16	Computation and control of products of combustion	10/03/2022	11/03/2022	T1: Page No: 8.1 to 8.3	Chalk & talk
17	Computation and control of products of combustion	11/03/2022	14/03/2022	T1: Page No: 8.1 to 8.3	Chalk & talk
18	Automobile Pollution	14/03/2022	15/03/2022	T1: Page No: 14.1 to 14.3	Chalk & talk
19	Automobile Pollution	15/03/2022	17/03/2022	T1: Page No: 14.1 to 14.3	Chalk & talk
20	Odors Pollution Control	17/03/2022	17/03/2022	T1: Page No: 14.1 to 14.3	Chalk & talk
21	Flares	17/03/2022	21/03/2022	T1: Page No: 14.1 to 14.3	(Unit-II) PPT
22	Tutorials 3 & 4	21/03/2022	21/03/2022		Read/write
Unit-III					
Ambient Air Quality Management					
23	Ambient Air Quality Management	22/03/2022	22/03/2022	T1: Page No: 15.1 to 15.3	Chalk & talk
24	Monitoring of SPM, SO ₂ , NO _x and CO	24/03/2022	24/03/2022	T1: Page No: 15.1 to 15.3	Chalk & talk
25	Monitoring of SPM, SO ₂ , NO _x and CO	24/03/2022	24/03/2022	T1: Page No: 15.1 to 15.3	Chalk & talk
26	Stack monitoring for flue gases	25/03/2022	25/03/2022	T1: Page No: 15.1 to 15.3	Chalk & talk
27	Stack monitoring for flue gases	28/03/2022	28/03/2022	T1: Page No: 15.1 to 15.3	Chalk & talk
28	Micro Meteorological Monitoring	29/03/2022	28/03/2022	T1: Page No: 15.1 to 15.3	Chalk & talk

29	Micro Meteorological Monitoring	31/03/2022	21/03/2022	T1: Page No: 15.1 to 15.3	Chalk & talk
30	Weather station	31/03/2022	31/03/2022	T1: Page No: 5.1 to 5.3	Chalk & talk
31	Emission standards	01/04/2022	01/04/2022	T1: Page No: 5.1 to 5.3	Chalk & talk
32	Gaussian model	11/04/2022	11/4/22	T1: Page No: 5.1 to 5.3	Chalk & talk
33	Plume behaviour	12/04/2022	12/4/22	T1: Page No: 5.1 to 5.3	Chalk & talk
34	fume dispersion	18/04/2022	18/04/22	T1: Page No: 5.1 to 5.3	(Unit-III) PPT
35	Tutorials 5 & 6	19/04/2022	19/4/22		Read/write
Unit-IV Air pollution control					
36	Air pollution control	21/04/2022	21/4/22	T1: Page No: 7.1 to 10.3	Chalk & talk
37	Control of NO _x Emissions	21/04/2022	21/4/22	T1: Page No: 10.1 to 10.4	Chalk & talk
38	Control of SO _x Emissions	22/04/2022	24/4/22	T1: Page No: 9.1 to 9.9	Chalk & talk
39	Control of particulates	25/04/2022	25/4/22	T1: Page No: 7.1 to 7.8	Chalk & talk
40	Control at sources	26/04/2022	26/4/22	T1: Page No: 7.1 to 7.8	Chalk & talk
41	Process changes	28/04/2022	28/4/22	T1: Page No: 9.1 to 9.9	Chalk & talk
42	Equipment modification	28/04/2022	28/4/22	T1: Page No: 8.1 to 8.4	Chalk & talk
43	Design ,operation of control equipments	29/04/2022	29/4/22	T1: Page No: 8.1 to 8.4	Chalk & talk
44	Settling chambers	09/05/2022	09/5/22	T1: Page No: 8.1 to 8.4	Chalk & talk
45	Cyclone separators	10/05/2022	10/5/22	T1: Page No: 8.1 to 8.4	Chalk & talk
46	Fabric filters	12/05/2022	14/5/22	T1: Page No: 7.1 to 7.4	Chalk & talk
47	Scrubbers	12/05/2022	12/5/22	T1: Page No: 7.1 to 7.4	Chalk & talk

48	Electrostatic precipitators	13/05/2022	13/5/22	T1: Page No: 7.1 to 7.4	(Unit-IV) PPT
49	Tutorials 7 & 8	16/05/2022	16/5/22		Read/write
Unit-V Noise pollution and control					
50	Noise pollution	17/05/2022	17/5/22	T1: Page No: 11.1 to 11.4	Chalk & talk
51	Noise standards	19/05/2022	19/5/22	T1: Page No: 11.1 to 11.4	Chalk & talk
52	Noise Measurements	19/05/2022	19/5/22	T1: Page No: 11.1 to 11.4	Chalk & talk
53	Effects of noise pollution	20/05/2022	20/5/22	T1: Page No: 11.1 to 11.4	Chalk & talk
54	control methods	21/05/2022	21/5/22	T1: Page No: 11.1 to 11.4	Chalk & talk
55	Control measures	23/05/2022	23/5/22	T1: Page No: 11.1 to 11.4	Chalk & talk
56	Reducing residential noise	24/05/2022	24/5/22	T1: Page No: 11.1 to 11.4	Chalk & talk
57	Reducing industrial noise	26/05/2022	26/5/22	T1: Page No: 11.1 to 11.4	Chalk & talk
58	ISO-14000 series	26/05/2022	26/5/22	T1: Page No: 11.1 to 11.4	Chalk & talk
59	ISO-14000 series	27/05/2022	27/5/22	T1: Page No: 11.1 to 11.4	(Unit-V) PPT
60	Tutorials 9 & 10	28/05/2022	28/5/22		Read/write

Text Books:

1. Air Pollution and Control. K.V.S.G. Murali Krishna, Laxmi Publications, New Delhi, 2015
2. Air Pollution, M. N. Rao and H. V. N. Rao, Tata McGraw Hill Company.

Reference Books:

1. An Introduction to Air pollution, R. K. Trivedy and P.K. Goel, B.S. Publications.
2. Air Pollution by Wark and Warner - Harper & Row, New York.

T. Mohana Rao
Signature of Faculty
(T. Mohana Rao)

M. Rama Krishna
Principal
Sasi Institute of Technology &
Engineering (A),
W. G. Diet A.P.

M. Rama Krishna
HoD 14.2.22
(M. Rama Krishna)



SCHEDULE OF INSTRUCTIONS- COURSE PLAN

Academic Year 2021-2022

Course: Hydrology & Water Resources Engineering

Course Code:

18CECET5040

Name of the Program: B Tech Year - II I

Semester: I

Name of the faculty: Dr Ch Tirupathi

Class: III B Tech

CE

Designation: Assistant Professor

(A) LESSON PLAN

S.No	Topic	Proposed Date	Actual Date	Ref with Page No.	Teaching Method
UNIT-I: Introduction					
1	Introduction to Hydrology and Hydrological cycle	16-09-2021	16/9/21	T1[4-99]	PPT, Chalk & talk
2	Precipitation, Evaporation Transpiration, Evapotranspiration	17-09-2021	17/9/21	T1[4-140]	PPT, Chalk & talk
3	Infiltration, Infiltration indices	18-09-2021	18/9/21	T1[4-105]	PPT, Chalk & talk
4	Rain gauge network	21-09-2021	21/9/21	T1[4-112]	PPT, Chalk & talk
5	Depth Area curves, Probable Maximum Precipitation	23-09-2021	23/9/21	T1[4-121]	PPT, Chalk & talk
	Tutorial	25-09-2021	25/9/21		Chalk & talk
6	Runoff: Factors affecting runoff	27-09-2021	28/9/21	T1[4-151]	PPT, Chalk & talk
7	Stream gauging	28-09-2021	30/9/21	T1[4-128]	PPT, Chalk & talk
8	Flow mass curve and flow duration curve.	30-09-2021	01/10/21	T1[4-129]	PPT, Chalk & talk

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9	Problems on average rainfall estimation and infiltration indices	01-10-2021	5/10/21	T1[4-129]	PPT, Chalk & talk
10	Revision on UNIT-I	04-10-2021	8/10/21		Chalk & talk
	Tutorial	09-10-2021	9/10/21		Chalk & talk
UNIT-II: Hydrograph analysis & flood routing					
11	Introduction to Hydrograph analysis	11-10-2021	12/10/21	T1[4-168]	PPT, Chalk & talk
12	Hydrograph, Components of hydrograph	20-10-2021	20/10/21	T1[4-173]	PPT, Chalk & talk
13	Unit hydrograph, limitations and assumptions and problems associated with hydrograph.	21-10-2021	22/10/21	T1[4-180]	PPT, Chalk & talk
14	S-Hydrograph and problems associated with S-Hydrograph.	22-10-2021	26/10/21	T1[4-195]	PPT, Chalk & talk
15	Synthetic unit hydrograph	22-10-2021	28/10/21	T1[4-195]	PPT, Chalk & talk
	Tutorial	23-10-2021	30/10/21		Chalk & talk
16	Introduction to Floods and flood routing	26-10-2021	1/11/21		PPT, Chalk & talk
17	Reservoir capacity and channel routing	27-10-2021	2/11/21	T1[6-306]	PPT, Chalk & talk
18	Gumbel's And Log Pearson type-III Distribution methods	28-10-2021	3/11/21	T1[4-202]	PPT, Chalk & talk
19	Muskingum & Puls methods of routing, Applications of Darcy's law	29-10-2021	5/11/21	T1[4-202]	PPT, Chalk & talk
20	Revision of UNIT- II	30-10-2021	5/11/21		PPT, Chalk & talk
	Tutorial	30-10-2021	6/11/21		PPT, Chalk & talk

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Class test-1 (18/10/2021 to 23/10/2021)					
UNIT-III: Water withdrawals and uses					
21	Ground Water: forms of subsurface water, saturated formation	02-11-2021	8/11/21	T1[5-239]	PPT, Chalk & talk
22	Aquifer properties, geologic formations of aquifers	03-11-2021	9/11/21	T1[5-240]	PPT, Chalk & talk
23	Well hydraulics: steady state flow in wells	03-11-2021	10/11/21	T1[5-246]	PPT, Chalk & talk
24	Equilibrium equations for confined and unconfined aquifers;	05-11-2021	11/11/21	T1[5-247]	PPT, Chalk & talk
25	Aquifer tests	05-11-2021	12/11/21	T1[5-250]	
	Tutorial	06-11-2021	13/11/21		Chalk & talk
26	Revision	06-11-2021			Chalk & talk
Mid-I & Quiz Examination (08-11-2021 to 13/11/2021)					
27	Irrigation: Water requirement of crops-Crops and crop seasons in India, cropping pattern.	16-11-2021	16/11/21	T1[3-41]	PPT, Chalk & talk
28	Duty and delta and problems	18-11-2021	17/11/21	T1[3-58]	PPT, Chalk & talk
29	Quality of irrigation water; Soil-water relationships, root zone soil water	20-11-2021	18/11/21	T1[3-41]	PPT, Chalk & talk
30	Infiltration, consumptive use, irrigation requirement, frequency of irrigation	23-11-2021	23/11/21	T1[3-70]	PPT, Chalk & talk
31	Methods of applying water to the fields: surface, sub-surface, sprinkler and trickle / drip irrigation.	24-11-2021	25/11/21	T1[2-15]	PPT, Chalk & talk
	Tutorial	25-11-2021	27/11/21		Chalk & talk

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UNIT-IV: Distribution systems					
32	Canal systems	26-11-2021	27/11/21	T1[13-643]	PPT, Chalk & talk
33	Alignment of canals, canal losses	27-11-2021	30/11/21	T1[14-653]	PPT, Chalk & talk
34	Estimation of design discharge	30-11-2021	2/12/21	T1[14-653]	PPT, Chalk & talk
35	Design of channels- rigid boundary channels,	01-12-2021	1/12/21	T1[14-654]	PPT, Chalk & talk
36	Alluvial channels and associated Problems	02-12-2021	1/12/21	T1[14-654]	
37	Kennedy's and Lacey's theory of regime channels	03-12-2021	3/12/21	T1[14-654]	PPT, Chalk & talk
	Tutorial	04-12-2021	4/12/21		Chalk & talk
38	Problems on Kennedy's and Lacey's theory of regime channels	07-12-2021	7/12/21	T1[14-654]	PPT, Chalk & talk
39	Canal outlets: non-modular, semi-modular and modular outlets. Water logging: causes, effects and remedial measures.	09-12-2021	10/12/21	T1[17-781]; T1[16-746]	Chalk & talk
40	Lining of canals, types of lining. Drainage of irrigated lands: necessity, methods.	10-12-2021	15/12/21	T1[16-758]	Chalk & talk
	Tutorial	11-12-2021	22/12/21		Chalk & talk
Class test-1 (13/12/2021 to 18/12/2021)					
UNIT-V: Dams and spillways					
41	Dams: Types of dams, selection of type of Dam, selection of site for a dam.	14-12-2021	20/12/21	T1[7-346]	PPT, Chalk & talk
42	Gravity dams, Causes and	16-12-2021	24/12/21	T1[8-359]	PPT, Chalk

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	failures.				&talk
43	Forces acting on a gravity dam	17-12-2021	27/12/21	T1[8-396]	PPT, Chalk &talk
44	Types of Earth dams, causes of failures.	21-12-2021	27/12/21	T1[10-445]	PPT, Chalk &talk
45	Yield and storage capacity of a reservoir,	23-12-2021	28/12/21	T1[6-311]	PPT, Chalk &talk
46	Reservoir sedimentation theory.	24-12-2021	28/12/21	T1[6-311]	PPT, Chalk &talk
	Tutorial	28-12-2021	27/12/21		Chalk &talk
47	Spillways: Classifications of Spillways.	29-12-2021	31/12/21	T1[11-511]	PPT, Chalk &talk
48	Components of spillways.	30-12-2021	4/01/22	T1[11-556]	PPT, Chalk &talk
49	Types of gates for spillway crests..	04-01-2021	6/01/22	T1[11-556]	PPT, Chalk &talk
50	Revision	06-01-2022	7/01/22		Chalk &talk
	Tutorial	08-01-2022	11/1/22		Chalk &talk
Mid-II & Quiz Examination (17-01-2022 to 22/01/2022)					

(B) TUTORIALS LESSON PLAN

S.No	Topic	Proposed Date	Actual Date	Ref with Page No.	Unit No	Teaching Method
1	Hydrology and Hydrological cycle	25-09-2021	25/9/21	T1[4-99]	1	PPT, Chalk &talk
2	Runoff: Factors affecting runoff	09-10-2021	7/10/21	T1[4-151]	1	PPT, Chalk &talk

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3	Unit hydrograph and Problems	23-10-2021	30/10/21	T1[4-180]	2	PPT, Chalk &talk
4	S-Hydrograph and problems	30-10-2021	6/11/21	T1[4-195]	2	PPT, Chalk &talk
5	Well hydraulics: steady state flow in wells	06-11-2021	13/11/21	T1[5-246]	3	PPT, Chalk &talk
6	Aquifer	06-11-2021	13/11/21	T1[5-246]	3	PPT, Chalk &talk
7	Duty and delta	25-11-2021	27/11/21	T1[3-58]	3	PPT, Chalk &talk
8	Irrigation requirements	25-11-2021	27/11/21	T1[3-58]	3	PPT, Chalk &talk
9	Kennedy's and Lacey's theory of regime channels	04-12-2021	4/12/21	T1[14-654]	4	PPT, Chalk &talk
10	Water logging: causes, effects and remedial measures.	11-12-2021	22/12/21	T1[16-746]	4	PPT, Chalk &talk
11	Dams	28-12-2021	29/12/21	T1[7-346]	5	PPT, Chalk &talk
12	Spillways	08-01-2022	11/1/22	T1[11-511]	5	Chalk &talk

TEXTBOOKS:

1	Irrigation & Water Resource engineering	Dr.B.C.PUNMIA	Lakshmi Publications
2	Engineering Hydrology	Ojha C.S.P, R. Berndtsson & P. Bhunya	Oxford University Press, 2010.

REFERENCES:

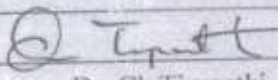
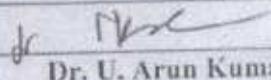
1	Water Resources Engineering	Mays L.W	Wiley India Pvt. Ltd. (2013).
2	Hydrology & Water Resource Engineering	H.M	New Age International Publishers, (2010).
3	Hydrology	S.K.DARG	Khanna Publishers

ADDITIONAL TEXT BOOK:


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Engineering (A),
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1	HYDROLOGY AND WATER RESOURCES ENGINEERING	K.C Patra	Narosa
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WEB REFERENCE	
WEB1	https://www.academia.edu/27987657/Irrigation and Water Power Engineering By Dr B C Punmia Dr Pande Brij Basi Lal Ashok Kumar Jain Arun Kumar Jain
WEB2	https://drive.google.com/file/d/0Bwd76AAN7f1tSFd6X1JBamhSMlk/view?resourcekey=0-rag5Av_c1LVSyhZ-1HZIEw
WEB3	https://drive.google.com/file/d/0Bwd76AAN7f1tZU1NY1dydjZCVzA/view?resourcekey=0-iQeyF6dtwdo58mr6k_ilvQ
WEB4	https://drive.google.com/file/d/0Bwd76AAN7f1teFpEMU1wUFIwNGc/view?resourcekey=0-z0AqSlrkrqOh9gwAP_PHRQ
WEB5	https://drive.google.com/file/d/0Bwd76AAN7f1tejdNdlBrWFUtdGM/view?resourcekey=0-2l3fZM8DcA7Yim2Z6f-H1w
WEB6	https://drive.google.com/file/d/0Bwd76AAN7f1tekZwYVo5T3plUFE/view?resourcekey=0-cGoxTQ5e4R6aVmlWmfJRKQ
WEB7	https://drive.google.com/file/d/0Bwd76AAN7f1tV0tCUndBNUpiZ28/view?resourcekey=0-KjQellJ9T_PQv5JrMBxE2w

	Prepared By	Approved By
Signature		
Name	Dr. Ch Tirupathi	Dr. U. Arun Kumar
Designation	Assistant Professor	Professor & HoD
Date	15/9/21	15/9/21

Head of the Dept. - Civil
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SCHEDULE OF INSTRUCTIONS- COURSE PLAN

Academic Year 2021-2022


Course: Engineering Geology
Name of the Program: B Tech Year - II
Name of the faculty: Dr K N Murali Krishna
Designation: Assistant Professor

Course Code: 18CECET3030
Semester: I
Class: II B Tech CE

S.No	Topics Planned	Proposed date	Actual Date	Reference	Teaching Methodology
Unit -I: INTRODUCTION TO GEOLOGY					
1	Branches of Geology	02-11-2021	02-11-21	T3, 1	Chalk/PPT
2	Importance of Geology in Civil Engineering with case studies	04-11-2021	04-11-21	T3, 2	Chalk/PPT
3	Weathering of rocks,	05-11-2021	05-11-21	T3,14	Chalk/PPT
4	Geological agents	09-11-2021	09-11-21	T3,12	Chalk/PPT
5	weathering process of Rock	11-11-2021	12-11-21	T3,14	Chalk/PPT
6	River process	12-11-2021	18-11-21	T3,27	Chalk/PPT
7	their development	23-11-2021	23-11-21	T3,28	Chalk/PPT
Unit II :MINERALOGY AND PETROLOGY					
11	Definitions of mineral and rock	25-11-2021	31-11-21	T3,39	Chalk/PPT
12	Different methods of study of mineral and rock	30-11-2021	2-12-21	T3,48	Chalk/PPT
13	Different methods of study of mineral and rock	2-12-2021	3-12-21	T3,48	Chalk/PPT
14	The study of physical properties of minerals and rocks	03-12-2021	7-12-21	T3,48	Chalk/PPT
15	Classification, structures ,textures and forms of Igneous rocks	07-12-2021	9-12-21	T3,94	Chalk/PPT
16	Sedimentary rocks, Metamorphic rocks	09-12-2021	10-12-21	T3,134	Chalk/PPT
17	their megascopic study of granite varieties, (pink, gray, green)	10-12-2021	14-12-21	T3,134	Chalk/PPT
18	Pegmatite, Dolerite, Basalt.	14-12-2021	16-12-21	T3,134	Chalk/PPT

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19	Shale, Sand Stone, Limestone, Laterite	16-12-2021	17-12-21	T3,134	Chalk/PPT
20	Quartzite, Gneiss, Schist, Marble, Khondalite & Slate.	17-12-2021	21-12-21	T3,134	Chalk/PPT
Unit III : PHYSICAL GEOLOGY AND STRUCTURAL GEOLOGY					
21	Weathering of rocks,	21-12-2021	23-12-21	T3,190	Chalk/PPT
22	Geological agents	23-12-2021	24-12-21	T3,191	Chalk/PPT
23	weathering process of Rock	24-12-2021	4-1-22	T3,191	Chalk/PPT
24	Strike , Dip and Outcrop study of common geological structures	04-01-2022	6-1-22	T3,192	Chalk/PPT
25	geological structures associating with the rocks such as Folds	06-01-2022	7-1-22	T3,193	Chalk/PPT
26	geological structures associating with the rocks such as Faults	07-01-2022	7-1-22	T3,198	Chalk/PPT
27	geological structures associating with the rocks such as joints	07-01-2022	7-1-22	T3,199	Chalk/PPT
28	geological structures associating with the rocks such as unconformities	07-01-2022	7-1-22	T3,200	Chalk/PPT
29	Parts, types, mechanism and their importance in Civil Engineering.	08-01-2022	8-1-22	T3,205	Chalk/PPT
30	their importance in Civil Engineering.	08-01-2022	8-1-22	T3,205	Chalk/PPT
Unit -IV Geological Hazards & Geophysical Methods					
31	Classification of Landslides	10-01-2022	11-1-22	T3,300	Chalk/PPT
32	Causes and Effects, measures to be taken prevent their occurrence at Landslides.	11-01-2022	18-1-22	T3,300	Chalk/PPT
33	EARTHQUAKES Terminology, Classification, causes and effects	25-01-2022	25-01-22	T3,285	Chalk/PPT
34	Seismic bells, Richter scale intensity,	28-01-2022	29-1-22	T3,287	Chalk/PPT
35	Precautions of building constructions in seismic areas.	00-02-2022	10-2-22	T3,287	Chalk/PPT
36	Geophysical study by Gravity method	07-02-2022	7-02-22	T3,295	Chalk/PPT
37	Magnetic method, Electrical methods	11-02-2022	11-2-22	T3,296	Chalk/PPT
38	Seismic methods,	15-02-2022	15-2-22	T3,296	Chalk/PPT
39	Radiometric method	18-02-2022	18-2-22	T3,296	Chalk/PPT


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40	Electrical resistivity, methods	10-02-2022	18-2-22	T3,296	Chalk/PPT
Unit -V Dams, Reservoir and Tunnels					
41	Types and purpose of Dams	19-02-2022	19-2-22	T3,376	Chalk/PPT
42	Geological considerations in the selection of a Dam site	19-02-2022	19-2-22	T3,378	Chalk/PPT
43	Geological considerations in the selection of a Dam site	20-02-2022	20-2-22	T3,380	Chalk/PPT
44	Life of Reservoirs	22-02-2022	22-2-22	T3,385	Chalk/PPT
45	Purpose of Tunneling	25-02-2022	25-2-22	T3,427	Chalk/PPT
46	effects, Lining of Tunnels	26-02-2022	26-2-22	T3,427	Chalk/PPT
47	Influence of Geology for	27-02-2022	27-2-22	T3,427	Chalk/PPT
48	Successful Tunneling.	27-02-2022	27-2-22	T3,427	Chalk/PPT
49	Influence of Geology for	28-02-2022	28-2-22	T3,427	Chalk/PPT
50	Successful Tunneling.	28-02-2022	28-2-22	T3,427	Chalk/PPT

TEXTBOOKS :

1	Engineering Geology	Subinoy Gangopadhyay	Oxford University press
2	Engineering Geology	D. Venkat Reddy	Vikas Publishing House pvt. Ltd, 2013.
3	Engineering Geology	Vasudev Kanithi	University Press

REFERENCES:

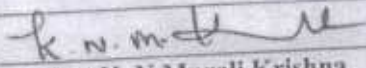
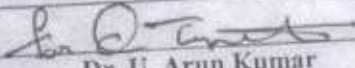
1	Engineering Geology for Civil Engineers	P.C. Varghese	PHI learning pvt. Ltd
2	Geology for Engineers and Environmental Society	Alan E Kehew	person publications, 3rd edition
3	Engineering Geology	N. Chenn Kesavulu	Trinity Press (Laxmi Publications), 2nd Edition, 2014

ADDITIONAL TEXT BOOK:


1	Fundamentals of Engineering Geology	P.G. Bell	B.S.P. Publications, 2012
2	Engineering Geology	V.Parthesarathi et al	Wiley Publications
3	Environmental Geology	K.S. Valdiya	McGraw Hill Publications, 2nd ed

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WEB REFERENCE	
WEB1	https://en.wikipedia.org/wiki/River
WEB2	https://en.wikipedia.org/wiki/Mineral
WEB3	https://en.wikipedia.org/wiki/Structural_geology
WEB4	https://en.wikipedia.org/wiki/Groundwater
WEB5	https://en.wikipedia.org/wiki/Geophysics
WEB6	https://en.wikipedia.org/wiki/Reservoir

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Signature		
Name	Dr. K.N Murali Krishna	Dr. U. Arun Kumar
Designation	Assistant Professor	Professor & HoD
Date	02-11-2021	2/11/21

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Department of Civil Engineering
SCHEDULE OF INSTRUCTIONS- COURSE PLAN
Academic Year 2021-2022

Course: Design of Steel Structures
Name of the Program: B Tech Year - IV
Name of the faculty: M.Rama Krishna/
Hema Venkata Sekhar Ch
Designation: Assistant Professor

Course Code: 18CECET7020
Semester: I
Class: IV B Tech Civil Engineering

Sess. No.	CO	COI	Topic (s)	Book No[CH No, Page No]	Teaching-Learning Methods	Evaluation Components	Proposed Date	Faculty Approach	Student Approach
1	1	CO 1-3	Introduction to Design of Steel Structures. Rolled Steel Sections, classification of cross sections, convention for member axis.	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	16.09.2021	Explanation	Listen Pract
2	1	CO 1-3	Design Philosophies- Elastic Design, plastic design and limit state design	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	18.09.2021	Explanation	Listen Pract
3	1	CO 1-3	Connections, types of connections - Riveled Bolted, Pinned and welded connections. Types of bolted joints. Load transfers mechanism. Modes of failure of bolted joints. Strength and efficiency of the joint. Problems on bearing type connections	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	20.09.2021	Explanation	Listen Pract
4	1	CO 1-3	Slip critical connection (HSFG Bolted connections), problems on slip critical connections	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	21.09.2021	Explanation	Listen Pract
5	1	CO 1-3	Types of welds, Types of welded joints, Design of fillet welds, problems	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	22.09.2021	Explanation	Listen Pract
6	1	CO 1-3	Design of fillet welds, problems	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	23.09.2021	Explanation	Listen Pract
7	1	CO 1-3	Design of Butt welds - Problems	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	25.09.2021	Explanation	Listen Pract
8	1	CO 1-3	Tension members, types of tension members,	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	29.09.2021	Explanation	Listen Pract

9	1		Net sectional area, effective net area, types of failure	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	30.09.2021	Explanation	Listen and Practice
10	1	CO 1-3	Design strength of tension member, slenderness ratio.	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	04.10.2021	Explanation	Listen and Practice
11	1	CO 1-3	Design strength of tension member, slenderness ratio	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	07.10.2021	Explanation	Listen and Practice
12	1	CO 1-3	Design strength of tension member, lug angles splices	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	09.10.2021	Explanation	Listen and Practice
13	1	CO 1-3	Design Problems	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	10.10.2021	Explanation	Listen and Practice
14	1	CO 1-3	Design Problems	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	11.10.2021	Explanation	Listen and Practice
15	1	CO 1-3	Design Problems	T1, R3,R4, R5,W1, W2,W3	CHALK AND TALK, PPT, FLIPPED CLASS	InSEM-1, Quiz-1, Assignment-1,SEE	21.10.2021	Explanation	Listen and Practice
16	2	CO 1-3	Introduction to compression members	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk,	InSEM-1, Quiz-1, Assignment-2,SEE	25.10.2021	Explanation	Listen and Practice
17	2	CO 1-3	Steel sections available in Indian rolling mills.	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM-1, Quiz-1, Assignment-2,SEE	28.10.2021	Explanation	Listen and Practice
18	2	CO 1-3	Calculation of effective length and slenderness ratio for various end conditions	T1, R3,R4, R5,W1, W2,W3	Case Study, Group Discussion, Student Seminar, Flipped Class	InSEM-1, Quiz-1, Assignment-2,SEE	30.10.2021	Explanation	Listen and Practice
19	2	CO 1-3	Design strength of compression members from slenderness ratio and buckling class.	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	InSEM-1, Quiz-1, Assignment-2,SEE	01.11.2021	Explanation	Listen and Practice
20	2	CO 1-3	Design procedure for compression members with axial load and single section	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM-1, Quiz-1, Assignment-2,SEE	01.11.2021	Explanation	Listen and Practice
21	2	CO 1-3	Design problem with channel section	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	InSEM-1, Quiz-1, Assignment-2,SEE	02.11.2021	Explanation	Listen and Practice
22	2	CO 1-3	Design problem with I section	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	InSEM-1, Quiz-1, Assignment-2,SEE	03.11.2021	Explanation	Listen and Practice


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CO 1-3	Design problem for Assignment	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	InSEM-1, Quiz-1, Assignment-2,SEE	05.11.2021	Explanation	Listen and Practice
CO 1-3	Design of Built up column with lacing bars	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM-2, Quiz-2, Assignment-3,SEE	06.11.2021	Explanation	Listen and Practice
CO 1-3	Design of Built up column with battens	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM-2, Quiz-2, Assignment-3,SEE	13.11.2021	Explanation	Listen and Practice
CO 1-3	Design of Built up column with battens	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM-2, Quiz-2, Assignment-3,SEE	15.11.2021	Explanation	Listen and Practice
CO 1-3	Design of columns under combined axial load and moment	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM-2, Quiz-2, Assignment-3,SEE	17.11.2021	Explanation	Listen and Practice
CO 1-3	Design of column splices	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM-2, Quiz-2, Assignment-3,SEE	18.11.2021	Explanation	Listen and Practice
CO 1-3	Design of slab base and gusseted base for axial load on column	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM-2, Quiz-2, Assignment-3,SEE	20.11.2021	Explanation	Listen and Practice
CO 1-3	Design problem with channel section	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM-2, Quiz-2, Assignment-3,SEE	22.11.2021	Explanation	Listen and Practice
CO 1-3	Design problem with I section	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM-2, Quiz-2, Assignment-3,SEE	24.11.2021	Explanation	Listen and Practice
CO 1-3	Plastic analysis, plastic hinge, plastic moment, load factor and shape factor	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM-2, Quiz-2, Assignment-3,SEE	25.11.2021	Explanation	Listen and Practice
CO 1-3	Classification of cross section, lateral torsional buckling, Design of laterally restrained beams, web buckling and web crippling	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM-2, Quiz-2, Assignment-3,SEE	27.11.2021	Explanation	Listen and Practice
CO 1-3	Design problem on laterally supported beam	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM2-1, Quiz-2, Assignment-3,SEE	29.11.2021	Explanation	Listen and Practice
CO 1-3	Design of laterally unrestrained beam	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	InSEM2-1, Quiz-2, Assignment-3,SEE	01.12.2021	Explanation	Listen and Practice
CO 1-3	Design problems	T1, R3,R4	Chalk and Talk, PPT	InSEM-2, Quiz-2	02.12.2021	Explanation	Listen and Practice

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				R5,W1, W2,W3		Assignment- 3,5EE			
37	4	CO 1-3	Introduction to beam columns	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment 3,5EE	04.12. 2021	Explanation	Listen and Practice
38	4	CO 1-3	Design problems	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment- 3,5EE	06.12. 2021	Explanation	Listen and Practice
39	4	CO 1-3	Design problems	T1, R3,R4, R5,W1, W2,W3	Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment- 3,5EE	08.12. 2021	Explanation	Listen and Practice
40	5	CO 1-3	Recommendations Design of plate girder -	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment- 4,5EE	09.12. 2021	Explanation	Listen and Practice
41	5	CO 1-3	stiffeners Welded - Curtailment of flange plates.	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment- 4,5EE	11.12. 2021	Explanation	Listen and Practice
42	5	CO 1-3	splicing and connections	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment- 4,5EE	13.12. 2021	Explanation	Listen and Practice
43	5	CO 1-3	Design Problems	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment- 4,5EE	15.12. 2021	Explanation	Listen and Practice
44	5	CO 1-3	Design problems	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment- 4,5EE	16.12. 2021	Explanation	Listen and Practice
45	6	CO 1-3	Impact factors - longitudinal forces.	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment- 4,5EE	18.12. 2021	Explanation	Listen and Practice
46	6	CO 1-3	Design of Gantry girders.	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment- 4,5EE	20.12. 2021	Explanation	Listen and Practice
47	6	CO 1-3	Design of Gantry girders.	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment- 4,5EE	23.12. 2021	Explanation	Listen and Practice
48	6	CO 1-3	Design Problems	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment- 4,5EE	27.12. 2021	Explanation	Listen and Practice
49	6	CO 1-3	Design Problems	T1, R3,R4, R5,W1, W2,W3	Case Study, Chalk and Talk, PPT	In SEM-2, Quiz-2, Assignment- 4,5EE	30.12. 2021	Explanation	Listen and Practice

Ref: 2.3.2 NAAC Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc(current year data)-10KI

BOOKS

K., "Design of Steel Structures", 2nd Edition, Tata McGraw Hill Publishing, 2014

M.L., "Fundamentals of Structural Steel Design", McGraw Hill Education (India) Pvt. Ltd., New Delhi, 2013

S.S., "Design of steel Structures", 4th Edition, I.K. International Publishing House Pvt. Ltd. 2014.

CE BOOKS

Manian N, "Design of Steel Structures", Oxford University Press, 2011.

Pradyumn K. L., "LSD in structural steel" PHI learning pvt. Ltd.

IS-2007: Code of Practice for General Construction in Steel, Bureau of Indian Standards, New Delhi

IS-1987: Code of Practice for Design loads for buildings and structures, Bureau of Indian Standards, New Delhi

IS-800: Code of Practice for Steel Structures and Steel Bridges, Bureau of Indian Standards, New Delhi


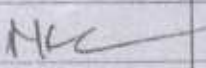
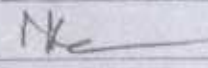
IS-800: Code of Practice for Steel Tables by Bhavikatti S.S.

REFERENCES/MOOCs

<https://www.coursera.org/courses/105103094/>

<https://www.coursera.org/>

<https://www.coursera.org/>

Prepared By		Approved By
		
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Assistant Professor	Associate Professor & HoD	Associate Professor & HoD
16-09-2021		16-09-21


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Department of Civil Engineering

Academic Year: 2021-22

LESSON PLAN

Name of the Faculty: T. Mohana Rao

Course : Biology for Engineers

Program : B. Tech

Course Code : 18CMBIT5010

Class : III -I SEM

S. No.	Topics	Proposed date	Actual Date	Ref book with page no	Teaching Methodology
Unit-I Introduction					
1	Introduction	17/09/2021	17/09/2021	T1: Page No:1	Chalk & talk
2	Comparison of science and engineering	18/09/2021	18/09/2021	T1: Page No:2	Chalk & talk
3	Comparison of human eye and camera	18/09/2021	18/09/2021	T1: Page No:2 to 3	Chalk & talk
4	Bird and Aeroplane	20/09/2021	20/09/2021	T1: Page No:3 to 5	Chalk & talk
5	Need of biology	22/09/2021	22/09/2021	T1: Page No:6 to 7	Chalk & talk
6	History of biology	23/09/2021	23/09/2021	T1: Page No:6 to 7	Chalk & talk
7	18 th century observations in biology	23/09/2021	24/09/2021	T1: Page No:7 to 8	Chalk & talk
8	Brownian motion	24/09/2021	25/09/2021	T1: Page No: 8 to 9	Chalk & talk
9	Thermodynamic laws and applications.	25/09/2021	25/09/2021	T1: Page No: 10 to 11	Chalk & talk
10	Tutorial -1& 2	29/09/2021	29/09/2021	T1: Page No: 1 to 11	
Unit-II Classification					
11	Basic terms used in classification	01/10/2021	01/10/2021	T1: Page No: 14 to 15	Chalk & talk
12	History of classification	04/10/2021	04/10/2021	T1: Page No: 15	Chalk & talk

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13	Classification based on cellularity	06/10/2021	08/10/2021	T1: Page No: 19 to 20	Chalk & talk
14	Classification based on ultra structure	08/10/2021	09/10/2021	T1: Page No: 19 to 21	Chalk & talk
15	Classification based on Energy and carbon utilization	09/10/2021	09/10/2021	T1: Page No: 20 to 21	Chalk & talk
16	Classification based ammonia excretion	09/10/2021	09/10/2021	T1: Page No: 22 to 23	Chalk & talk
17	Classification based on habitats	10/10/2021	10/10/2021	T1: Page No: 22 to 23	Chalk & talk
18	Classification based on molecular taxonomy	10/10/2021	10/10/2021	T1: Page No: 24	Chalk & talk
19	Model organisms E. coli, Thaliana, Yiest	11/10/2021	10/10/2021	T1: Page No: 24 to 28	Chalk & talk
20	Tutorial -3 & 4	12/10/2021	12/10/2021	T1: Page No: 14 to 28	

**Unit-III
GENES**

21	Mendel's laws	22/10/2021	14/10/2021	T1: Page No: 34 to 35	Chalk & talk
22	Law of independent assessment	23/10/2021	23/10/2021	T1: Page No: 35 to 37	Chalk & talk
23	Concept of allele	25/10/2021	25/10/2021	T1: Page No: 36	Chalk & talk
24	Gene mapping	27/10/2021	28/10/2021	T1: Page No: 38 to 41	Chalk & talk
25	Gene interaction	28/10/2021	29/10/2021	T1: Page No: 41 to 44	Chalk & talk
26	Comparison of mitosis and meiosis	29/10/2021	30/10/2021	T1: Page No: 45	Chalk & talk
27	Mechanics of cell division	30/10/2021	01/11/2021	T1: Page No: 46 to 48	Chalk & talk
28	Concept of mapping of phenotype to genes	01/11/2021	03/11/2021	T1: Page No: 49	Chalk & talk
29	Gene disorders in human	03/11/2021	06/11/2021	T1: Page No: 49 to 54	Chalk & talk
30	Sugar and starch	06/11/2021	08/11/2021	T1: Page No: 59 to 67	Chalk & talk
31	Amino acids	08/11/2021	11/11/2021	T1: Page No: 67 to 73	Chalk & talk
32	Proteins	11/11/2021	13/11/2021	T1: Page No: 73 to 76	Chalk & talk
33	Nucleotides and DNA/RNA	13/11/2021	13/11/2021	T1: Page No: 76 to 85	Chalk & talk
34	LIPIDS	13/11/2021			

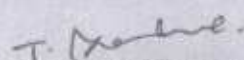
55	Glycolysis cycle	19/12/2021	19/12/2021	T1: Page No: 146 to 148	Chalk & talk
56	Kerbs cycle	20/12/2021	20/12/2021	T1: Page No: 148 to 151	Chalk & talk
57	Energy yielding and energy consuming reactions	21/12/2021	21/12/2021	T1: Page No: 151 to 156	Chalk & talk
58	Concept of species and strains	23/12/2021	23/12/2021	T1: Page No: 161 to 167	Chalk & talk
59	Identification of and classification of microorganisms	24/12/2021	24/12/2021	T1: Page No: 167 to 171	Chalk & talk
60	Microscopy	27/12/2021	27/12/2021	T1: Page No: 171 to 175	Chalk & talk
61	Sterilization and media compositions	28/12/2021	28/12/2021	T1: Page No: 177 to 182	Chalk & talk
62	Growth kinetics	29/12/2021	29/12/2021	T1: Page No: 182 to 185	Chalk & talk
63	Tutorial -9 & 10	30/12/2021	30/12/2021	T1: Page No: 127 to 185	


TEXT BOOKS

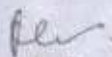
T1	Biology for Engineers: Rajiv Singal, Gaurav Agarwal, Ritu Bir: CBS Publishers and distributors Pvt Ltd.
T2	Biology: A global approach: Campbell, N. A.; Reece, J. B.; Urry, Lisa; Cain, M. L.; Wasserman, S. A.; Minorsky, P. V.; Jackson, R. B. Pearson Education Ltd
T3	Outlines of Biochemistry, Conn, E.E; Stumpf, P.K; Bruening, G; Doi, R.H., John Wiley and Sons

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R1	Principles of Biochemistry (V Edition), By Nelson, D. L.; and Cox, M. M.W.H. Freeman and Company
R2	Applied hydrology, Chow V. T., D. R Maidment and L.W. Mays, Tata McGraw Hill Education Pvt Ltd, (2011), New Delhi.


Signature of Faculty
(T. Mohana Rao)


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HoD
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Department of Civil Engineering
Academic Year 2021-22
(A) LESSON PLAN

Semester: II

Name of the Program: B. Tech

Course/Subject: FLUID MECHANICS

Name of the Faculty: Dr Chanapathi Tirupathi

Designation: Assistant Professor

Year: II

Section:

Course Code: 18CECET4010

Department: CE

Course Objectives

This course will enable students to:

- To understand the properties of fluids and fluid statics
- To derive the equation of conservation of mass and its application
- To solve kinematic problems such as finding particle paths and streamlines
- To use important concepts of continuity equation, Bernoulli's equation and turbulence and apply the same to problems
- To analyze laminar and turbulent flows
- To understand the various flow measuring devices & Boundary layer theory

Sl. No.	Topic	Proposed Date	Actual Date	Ref with Page No.	Teaching Method
UNIT-I: INTRODUCTION					
1	Basic Concepts and Definitions	17-03-2022	17/3/22	T1:2-4	PPT, Chalk & talk
2	Dimensions and units	19-03-2022	21/3/22	T1:3-7	PPT, Chalk & talk
3	Distinction between a fluid and a solid	21-03-2022	21/3/22	T1:2-4	PPT, Chalk & talk
4	Physical properties of fluids density, specific gravity, viscosity, Problems on fluid properties.	22-03-2022	22/3/22	T1:7-8	PPT, Chalk & talk
5	Problems on viscosity	24-03-2022	24/3/22	T1:21-21	PPT, Chalk & talk
6	Pressure at a point, Pascal law, Hydrostatic law, atmospheric, gauge and vacuum pressures measurement of	25-03-2022	25/3/22	T1:35-39	PPT, Chalk & talk

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7	pressure Pressure gauges, Manometers and Problems on Pressure gauges, Manometers	28-03-2022	31/3/22	T1:48-55	PPT, Chalk & talk
8	Differential and Micro Manometers and Problems on Differential and Micro Manometers	29-03-2022	31/3/22	T1:57-60	PPT, Chalk & talk
9	Problems on Differential and Micro Manometers	31-03-2022	01/4/22	T1:60-65	PPT, Chalk & talk
10	Revision on UNIT-I	01-04-2022	4/4/22		Chalk & talk
11	Tutorial	02-04-2022	18/4/22		Chalk & talk

Certification Course (04-04-2022 to 09-04-2022)

UNIT-II: HYDROSTATICS

12	Hydrostatic forces on submerged plane, Horizontal plane submerged in a liquid	11-04-2022	19/4/22	T1:93-96	PPT, Chalk & talk
13	Vertical plane submerged in a liquid, and Problems on Vertical plane submerged in a liquid	11-04-2022	21/4/22	T1:98-99	PPT, Chalk & talk
14	Inclined plane submerged in a liquid and Problems on Inclined plane submerged in a liquid	12-04-2022	25/4/22	T1:102-103	PPT, Chalk & talk
15	Curved plane submerged in a liquid and Problems on Curved plane submerged in a liquid	11-04-2022	25/4/22	T1:103-105	PPT, Chalk & talk
16	Introduction to Fluid Kinematics and Description of fluid flow, Streamline, path line and streak line and stream tube	18-04-2022	26/4/22	T1:229-234	PPT, Chalk & talk
17	Classification of flows: Steady, unsteady, uniform, non-uniform laminar, turbulent, rotational and irrotational flows and Rate of flow or discharge and continuity equation	18-04-2022	27/4/22	T1:235-236	PPT, Chalk & talk
18	Equation of continuity for one, two, three dimensional flows	19-04-2022	27/4/22	T1:236	PPT, Chalk & talk
19	Stream and velocity potential functions and Problems on stream and velocity potential functions	21-04-2022	27/4/22	T1:257-263	PPT, Chalk & talk
20	Buoyancy and stability of floating bodies	22-04-2022	29/4/22	T1:155-157	PPT, Chalk & talk
21	Revision of UNIT- II	25-04-2022	29/4/22	Chalk & talk	PPT, Chalk & talk
22	Tutorial	26-04-2022	29/4/22	Chalk & talk	PPT, Chalk & talk

UNIT-III FLUID DYNAMICS

23	Surface and body forces	28-04-2022	29/4/22	T1:286-287	PPT, Chalk & talk
24	Equations of motion Euler's equation and Bernoulli's equation	29-04-2022	2/5/22	T1:288-303	PPT, Chalk & talk
25	Energy Principle; Momentum principle and Problems on Bernoulli's equation	09-05-2022	2/5/22	T1:300	PPT, Chalk & talk
26	Forces exerted by fluid flow on pipe bend	10-05-2022	2/5/22		PPT, Chalk & talk

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49	Revision	20-06-2022	7/7/22	Chalk & talk	Chalk & talk
50	Tutorial	21-06-2022	7/7/22	Chalk & talk	Chalk & talk
Mid-II & Quiz Examination (27-06-2022 to 02/07/2022)					

(B) TUTORIALS LESSON PLAN


S.No	Topic	Proposed Date	Actual Date	Ref with Page No.	Unit No	Teaching Method
1	Physical properties of fluids and problems	25-04-2022	28/3/22	T1:2-21	1	PPT, Cha & talk
2	Fluid pressure and its measurement	02-04-2022	18/4/22	T1:34-65	1	PPT, Cha & talk
3	Fluid Statics	08/04/2022	26/4/22	T1:93-105	2	PPT, Cha & talk
4	Fluid Kinematics	15/04/2022	29/4/22	T1:229-263	2	PPT, Cha & talk
5	Equations of motion Euler's equation and Bernoulli's equation	26/04/2022	29/4/22	T1:286-300	3	PPT, Cha & talk
6	Forces exerted by fluid flow on pipe bend and Problems on Forces exerted by fluid flow on pipe bend	12/05/2022	5/5/22		3	PPT, Cha & talk
7	Flow through pipes	27/05/2022	2/6/22	T1: 494-503	4	PPT, Cha & talk
8	Problems flow through pipes	03/06/2022	20/6/22	T1:509-563	4	PPT, Cha & talk
9	Measurement of Flow	21/06/2022	30/6/22	T1:305, 454-582	5	PPT, Cha & talk
10	Boundary layer Theory	22/06/2022	7/7/22	T1:567-593	5	Chalk & talk

TEXT BOOKS:

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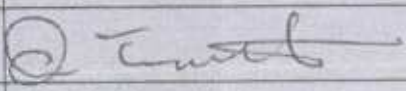
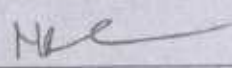
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