

ANDHRA UNIVERSITY
COLLEGE OF ENGINEERING (AUTONOMOUS)
VISKHAPATNAM - 530 003

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Date: 08-02-2022

To
The Registrar,
Andhra University,
Visakhapatnam

Sir,

Sub: Change of Branches from Group A to Group B in the First Year B.Tech. from the
Academic Year 2021-2022 – Regarding.

* * * * *

I bring to your kind notice that all the branches of Engineering offered through B.Tech and B.Tech + M.Tech programmes are divided into Group A and Group B. Due to the admissions into B.Tech + M.Tech Computer Science Engineering programme and to maintain balance between the groups, Civil Engineering, Chemical Engineering, Bio-Technology and Environmental Engineering (introduced from the Academic Year 2021 -2022) have been shifted from Group A to Group B from the Academic Year 2021-2022.

The details are herewith enclosed along with modified schemes for these branches. Hence, I request you to incorporate the changes in the forthcoming examinations for the Academic year 2021-2022.

Further, I am also submitting the Academic Calendar for your kind perusal and necessary action.

Thanking you,

Yours sincerely,


(P. SRINIVASA RAO)
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AU COLLEGE OF ENGINEERING
VISAKHAPATNAM-53


Copy to :

- The Superintendent, Legal Section, CAO, AU
 - The Dean, Academic Affairs, CAO, AU
 - The Dean Examinations, PG and Professional, CAO, AU
 - The Controller of Examinations, CAO, AU
 - The Superintendent, E V Section, CAO, AU
 - ✓ The Director, Computer Centre, CAO, AU with a request to upload the modified scheme and syllabus in the AU Website.
 - The Chairman, Faculty of Engineering, AU
 - The Chairman, Faculty of Chemical Technology, AU
 - The Heads of the Departments of Civil, Chemical, Environmental Engineering, AUCE(A)
- OOF

ANDHRA UNIVERSITY
MODIFIED LIST OF ENGINEERING BRANCHES IN
GROUP A & GROUP B
(w.e.f. the Academic Year 2021-2022)

GROUP A			
4 Year B.Tech Programs		6 Year B.Tech. + M.Tech. Dual Degree Programs	
B.Tech.	Computer Science Engineering	B.Tech. + M.Tech.	Computer Science Engineering
B.Tech.	Information Technology		
GROUP B			
B.Tech.	Chemical Engineering*	B.Tech. + M.Tech.	Civil Engineering
B.Tech.	Biotechnology*	B.Tech. + M.Tech.	Electronics and Communication Engineering
B.Tech.	Civil Engineering*	B.Tech. + M.Tech.	Electrical and Electronics Engineering
B.Tech.	Environmental Engineering*	B.Tech. + M.Tech.	Mechanical Engineering
B.Tech.	Electronics and Communication Engineering		
B.Tech.	Electrical and Electronics Engineering		
B.Tech.	Geo Informatics		
B.Tech.	Instrumentation Technology		
B.Tech.	Mechanical Engineering		
B.Tech.	Metallurgical Engineering		
B.Tech.	Naval Architecture and Marine Engineering		

* Branches Shifted from Group A to Group B from the Academic Year 2021-2022


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B.TECH. CIVIL ENGINEERING
Scheme and Syllabus
 (With effect from 2021-22 admitted batch)

GROUP-B

B.Tech I Year - I Semester

Course code	Category	Course Title	Hours per week			Internal Marks	External Marks	Total Marks	Credits C
			L	T	P				
CV-1101	BS	Mathematics – I	3	0	0	30	70	100	3
CV-1102	BS	Physics	3	0	0	30	70	100	3
CV-1103	ES	Engineering Graphics	1	0	4	30	70	100	3
CV-1104	ES	Civil Engineering Materials	3	0	0	30	70	100	3
CV-1105	ES	Engineering Mechanics	3	0	0	30	70	100	3
CV-1106	ES	Workshop-Lab	0	0	3	50	50	100	1.5
CV-1107	BS	Physics Lab	0	0	3	50	50	100	1.5
CV-1108	ES	Engineering Geology Lab	0	0	3	50	50	100	1.5
Total Credits									19.5

B.Tech I Year - II Semester

Course code	Category	Course Title	Hours per week			Internal Marks	External Marks	Total Marks	Credits C
			L	T	P				
CV-1201	BS	Mathematics – II	3	0	0	30	70	100	3
CV-1202	BS	Chemistry	3	0	0	30	70	100	3
CV-1203	HSS	English	3	0	0	30	70	100	3
CV-1204	ES	CPNM	3	0	0	30	70	100	3
CV-1205	ES	Surveying and Geomatics	3	0	0	30	70	100	3
CV-1206	HSS	English Language Lab	0	0	2	50	50	100	1.5
CV-1207	BS	Chemistry Lab	0	0	3	50	50	100	1.5
CV-1208	ES	CPNM Lab	0	0	3	50	50	100	1.5
Total Credits									19.5


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B.TECH. ENVIRONMENTAL ENGINEERING
Scheme and Syllabus
 (With effect from 2021-22 admitted batch)

GROUP-B

B.Tech I Year - I Semester

Course code	Category	Course Title	Hours per week			Internal Marks	External Marks	Total Marks	Credits C
			L	T	P				
EN-1101	BS	Mathematics – I	3	0	0	30	70	100	3
EN-1102	BS	Physics	3	0	0	30	70	100	3
EN-1103	ES	Engineering Graphics	1	0	4	30	70	100	3
EN-1104	ES	Civil Engineering Materials	3	0	0	30	70	100	3
EN-1105	ES	Engineering Mechanics	3	0	0	30	70	100	3
EN-1106	ES	Workshop Lab	0	0	3	50	50	100	1.5
EN-1107	BS	Physics Lab	0	0	3	50	50	100	1.5
EN-1108	ES	Engineering Geology Lab	0	0	3	50	50	100	1.5
Total Credits									19.5

B.Tech I Year - II Semester

Course code	Category	Course Title	Hours per week			Internal Marks	External Marks	Total Marks	Credits C
			L	T	P				
EN-1201	BS	Mathematics – II	3	0	0	30	70	100	3
EN-1202	BS	Chemistry	3	0	0	30	70	100	3
EN-1203	HSS	English	3	0	0	30	70	100	3
EN-1204	ES	CPNM	3	0	0	30	70	100	3
EN-1205	ES	Surveying and Geomatics	3	0	0	30	70	100	3
EN-1206	HSS	English Language Lab	0	0	2	50	50	100	1.5
EN-1207	BS	Chemistry Lab	0	0	3	50	50	100	1.5
EN-1208	ES	CPNM Lab	0	0	3	50	50	100	1.5
Total Credits									19.5

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GROUP-B

B.TECH. BIOTECHNOLOGY
Scheme and Syllabus
 (With effect from 2021-22 admitted batch)

B.Tech I Year - I Semester

Course code	Category	Course Title	Hours per week			Internal Marks	External Marks	Total Marks	Credits C
			L	T	P				
BT-1101	BS	Mathematics – I	3	0	0	30	70	100	3
BT-1102	BS	Physics	3	0	0	30	70	100	3
BT-1103	ES	Engineering Graphics	1	0	4	30	70	100	3
BT-1104	ES	Biology	3	0	3	30	70	100	3
BT-1105	ES	Microbiology	3	0	0	30	70	100	3
BT-1106	ES	Workshop Lab	0	0	3	50	50	100	1.5
BT-1107	BS	Physics Lab	0	0	3	50	50	100	1.5
BT-1108	ES	Microbiology Lab	0	0	3	50	50	100	1.5
Total Credits									19.5

B.Tech I Year - II Semester

Course code	Category	Course Title	Hours per week			Internal Marks	External Marks	Total Marks	Credits C
			L	T	P				
BT-201	BS	Mathematics – II	3	0	0	30	70	100	3
BT-202	BS	Chemistry	3	0	0	30	70	100	3
BT-203	HSS	English	3	0	0	30	70	100	3
BT-204	ES	CPNM	3	0	0	30	70	100	3
BT-205	ES	Genetics	3	0	0	30	70	100	3
BT-206	HSS	English Language Lab	0	0	2	50	50	100	1.5
BT-207	BS	Chemistry Lab	0	0	3	50	50	100	1.5
BT-208	ES	CPNM Lab	0	0	3	50	50	100	1.5
Total Credits									19.5


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GROUP-B


B.TECH. CHEMICAL ENGINEERING
Scheme and Syllabus
(With effect from 2021-22 admitted batch)

B.Tech I Year - I Semester

Course code	Category	Course Title	Hours per week			Internal Marks	External Marks	Total Marks	Credits C
			L	T	P				
CH-1101	BS	Mathematics – I	3	0	0	30	70	100	3
CH-1102	BS	Physics	3	0	0	30	70	100	3
CH-1103	ES	Engineering Graphics	1	0	4	30	70	100	3
CH-1104	ES	Material Science & Engineering	3	0	3	30	70	100	3
CH-1105	ES	Basic Electrical Engineering	3	0	0	30	70	100	3
CH-1106	ES	Workshop Lab	0	0	3	50	50	100	1.5
CH-1107	BS	Physics Lab	0	0	3	50	50	100	1.5
CH-1108	ES	General Engineering Lab. (Mechanical Engineering/ Electrical Engineering)	0	0	3	50	50	100	1.5
Total Credits									19.5

B.Tech I Year - II Semester

Course code	Category	Course Title	Hours per week			Internal Marks	External Marks	Total Marks	Credits C
			L	T	P				
CH-1201	BS	Mathematics – II	3	0	0	30	70	100	3
CH-1202	BS	Chemistry	3	0	0	30	70	100	3
CH-1203	HSS	English	3	0	0	30	70	100	3
CH-1204	ES	CPNM	3	0	0	30	70	100	3
CH-1205	ES	Mechanical Engineering	3	0	0	30	70	100	3
CH-1206	HSS	English Language Lab	0	0	2	50	50	100	1.5
CH-1207	BS	Chemistry Lab	0	0	3	50	50	100	1.5
CH-1208	ES	CPNM Lab	0	0	3	50	50	100	1.5
Total Credits									19.5


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ACADEMIC CALENDAR- 2021-2022
B.TECH./ B.ARCH. / B.TECH + M.TECH FIRST SEMESTER
M.TECH FIRST SEMESTER

S. No.	Class	Mode	Class Work		Mid Semester Examinations		Commencement of End Semester Examinations
			Starting	Closing	First	Second	
1	I B.Tech I B.Tech + M.Tech Dual Degree I B.Arch	Offline	13-12-2021	21-04-2022	24-02-2022 to 26-02-2022	06-04-2022 to 08-04-2022	25-04-2022
2	I M.Tech/ M. Planning I M.C.A.	Offline	03-01-2022	30-04-2022	24-02-2022 to 26-02-2022	21-04-2022 to 23-04-2022	02-05-2022
3	I M.Sc (Applied Chemistry) I M.Sc (Computer Science)	Schedule will be finalized after completing the admissions process					

ACADEMIC CALENDAR- 2021-2022
B.TECH./ B.ARCH. / B.TECH + M.TECH SECOND SEMESTER
M.TECH SECOND SEMESTER

S. No.	Class	Mode	Class Work		Mid Semester Examinations		Commencement of End Semester Examinations
			Starting	Closing	First	Second	
1	I B.Tech I B.Tech + M.Tech Dual Degree I B.Arch	Offline	02-05-2022	27-08-2022	28-06-2022 to 30-06-2022	22-08-2022 to 24-08-2022	29-08-2022
2	I M.Tech/ M. Planning I M.C.A.	Offline	09-05-2022	10-09-2022	06-07-2022 to 08-07-2022	22-08-2022 to 24-08-2022	12-09-2022
3	I M.Sc (Applied Chemistry) I M.Sc (Computer Science)	Schedule will be finalized after completing the admissions process					

A. S. S.
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