

SHAHEED BHAGAT SINGH STATE UNIVERSITY, FEROZEPUR

Study Scheme-Bachelor of Technology 2022 Batch and Onwards

Bachelors of Technology 1st and 2nd Semester

It is an Under Graduate (UG) Programme of 4 years duration (8 semesters)

Eligibility for Admission: As per AICTE norms.

First Semester

Group-A

Contact Hrs. : 31

Course Code	Course Type	Course Name	Load Allocation			Marks Distribution		Total Marks	Credit
			L	T	P	Internal	External		
BTAP101C	Basic Science Course	Physics	3	1	0	40	60	100	4 ✓
BTAP102C	Basic Science Course	Physics Lab	0	0	2	30	20	50	1 ✓
BTAM101C	Basic Science Course	Mathematics-I	3	1	0	40	60	100	4 ✓
BTPS101C	Engg Science Course	Programming for Problem Solving	3	0	0	40	60	100	3 ✓
BTPS102C	Engg Science Course	Programming for Problem Solving Lab	0	0	4	30	20	50	2 ✓
BTME101C	Engg Science Course	Engineering Drawing	1	0	4	60	40	100	3 ✓
BTME102C	Engg Science Course	Computer Graphics Lab	0	0	2	30	20	50	1 ✓
HVPE101C	Basic Science Course	Human Values and Professional Ethics	2	0	0	40	60	100	2 ✓
EVSC101C	Basic Science Course	Environmental Science	2	0	0	Satisfactory/Non Satisfactory			0 ✓
	Engg Science Course	Certificate Course-I*	3	0	0	40	60	100	3 ✓
Total			17	2	12	350	400	750	23

First Semester

Group-B

Contact Hrs. : 30

Course Code	Course Type	Course Name	Load Allocation			Marks Distribution		Total Marks	Credit
			L	T	P	Internal	External		
BTAC101C	Basic Science Course	Chemistry	3	1	0	40	60	100	4 ✓
BTAC102C	Basic Science Course	Chemistry Lab	0	0	2	30	20	50	1 ✓
BTAM101C	Basic Science Course	Mathematics-I	3	1	0	40	60	100	4 ✓
BTEE101C	Engg Science Course	Basics Electrical Engineering	3	1	0	40	60	100	4 ✓
BTEE102C	Engg Science Course	Basics Electrical Engineering Lab	0	0	2	30	20	50	1 ✓
BTHU101C	Humanities and Social Sciences including Management courses	Communication Skills in English	3	0	0	60	40	100	3 ✓
BTHU102C	Humanities and Social Sciences including Management courses	Communication Skills Lab	0	0	2	30	20	50	1 ✓
BTMP101C	Engg Science Course	Manufacturing Practice	1	0	4	60	40	100	3 ✓
SBS101C	Humanities and Social Sciences including Management courses	Introduction to Shaheed Bhagat Singh and his Co-patriotes	1	0	0	Satisfactory/Non Satisfactory			0 ✓
	Engg Science Course	Certificate Course-I*	3	0	0	40	60	100	3 ✓
Total			17	3	10	350	400	750	24

Second Semester
Group-A
Contact Hrs. : 30

Course Code	Course Type	Course Name	Load Allocation			Marks Distribution		Total Marks	Credit
			L	T	P	Internal	External		
BTAC101C	Basic Science Course	Chemistry	3	1	0	40	60	100	4 ✓
BTAC102C	Basic Science Course	Chemistry Lab	0	0	2	30	20	50	1 ✓
BTAM201C	Basic Science Course	Mathematics-II	3	1	0	40	60	100	4 ✓
BTEE101C	Engg Science Course	Basic Electrical Engineering	3	1	0	40	60	100	4 ✓
BTEE102C	Engg Science Course	Basics Electrical Engineering Lab	0	0	2	30	20	50	1 ✓
BTHU101C	Humanities and Social Sciences including Management courses	Communication Skills in English	3	0	0	60	40	100	3 ✓
BTHU102C	Humanities and Social Sciences including Management courses	Communication Skills Lab	0	0	2	30	20	50	1 ✓
BTMP101C	Engg Science Course	Manufacturing Practice	1	0	4	60	40	100	3 ✓
SBS101C	Humanities and Social Sciences including Management courses	Introduction to Shaheed Bhagat Singh and his Co-patriotes	1	0	0	Satisfactory/Non Satisfactory			0 ✓
	Engg Science Course	Certificate Course-II*	3	0	0	40	60	100	3 ✓
Total			17	3	10	350	400	750	24

Second Semester
Group-B
Contact Hrs. : 31

Course Code	Course Type	Course Name	Load Allocation			Marks Distribution		Total Marks	Credit
			L	T	P	Internal	External		
BTAP101C	Basic Science Course	Physics	3	1	0	40	60	100	4 ✓
BTAP102C	Basic Science Course	Physics Lab	0	0	2	30	20	50	1 ✓
BTAM201C	Basic Science Course	Mathematics-II	3	1	0	40	60	100	4 ✓
BTSP101C	Engg Science Course	Programming for Problem Solving	3	0	0	40	60	100	3 ✓
BTSP102C	Engg Science Course	Programming for Problem Solving Lab	0	0	4	30	20	50	2 ✓
BTME101C	Engg Science Course	Engineering Drawing	1	0	4	60	40	100	3 ✓
BTME102C	Engg Science Course	Computer Graphics Lab	0	0	2	30	20	50	1 ✓
HTPE101C	Basic Science Course	Human Values and Professional Ethics	2	0	0	40	60	100	2 ✓
EVSC101C	Basic Science Course	Environmental Sciences	2	0	0	Satisfactory/Non Satisfactory			0 ✓
	Engg Science Course	Certificate Course-II*	3	0	0	40	60	100	3 ✓
Total			17	2	12	350	400	750	23

Note:

- 1) Environmental Sciences and Introduction to Shaheed Bhagat Singh and his Co-patriotes will be offered as mandatory Non-Credit course and will have internal evaluation only with maximum marks 40.
- 2) There will be an induction training program of 3 weeks before start of normal classes.
- 3) The marks of 4 week Workshop Training of 2 credits during summer vacations after 2nd semester will be included in 3rd semester. The Workshop Training has 60marks internal and 40marks external.
- 4) A student needs to clear certificate course 1 and 2 (of 6credits) in order to be eligible for obtaining Certificate Course in any branch of Engineering after successful completion of 1st year.