



MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
(Formerly WEST BENGAL UNIVERSITY OF TECHNOLOGY)
Main Campus: NH 12, Haringhata, Post Office - Simhat, Police Station – Haringhata, Pin - 741249
City Campus: BF-142, Sector -I, Salt Lake, Kolkata -700 064

Academic Calendar for Academic Session 2022-23

Activity	Start Date	End date
Odd Semester 2022-23		
Commencement of Academic Programs (3 rd , 5 th , 7 th and 9 th Sem)	04.07.2022	
Enrollment of students (3 rd , 5 th , 7 th and 9 th Sem)	07.07.22	15.07.22
Commencement and Enrollment of students of 1 st semester	As per admission dates. Would be notified separately	
Submission of CA1(all even semesters)	01.08.22	04.08.22
Submission of CA2& PCA1 (all even semesters)	01.09.22	04.09.22
Submission of CA3(all even semesters)	17.10.22	20.10.22
Submission of CA4& PCA 2 (all even semesters)	09.11.22	12.11.22
Pre Examination activities (Form fill-up etc) Odd Sem 2022-23	16.11.22	24.11.22
Practical, Sessional and Viva-Voce examinations	25.11.22	30.11.22
Marks submission for Practical, Sessional and Viva-Voce exams	01.12.22	05.12.22
Theory Examinations for even semester 2022-23	02.12.22	24.12.22
Even Semester 2022-23		
Commencement of Academic Programs (2 nd , 4 th , 6 th , 8 th , 10 th Sem)	02.01.2023	
Enrollment of students(other semester)	04.01.23	12.01.23
Submission of CA1(all even semesters)	01.02.23	04.02.23
Submission of CA2& PCA1 (all even semesters)	01.03.23	04.03.23
Submission of CA3(all even semesters)	01.04.23	04.04.23
Submission of CA4& PCA 2 (all even semesters)	01.05.23	04.05.23
Pre Examination activities (Form fill-up etc) Odd Sem 2022-23	08.01.23	16.01.23
Practical, Sessional and Viva-Voce examinations	22.05.23	27.05.23
Marks submission for Practical, Sessional and Viva-Voce exams	28.05.23	30.05.23
Theory Examinations for even semester 2022-23	01.06.23	20.06.23

Lahiri 30/6/22
Dr. Partha Pratim Lahiri
Registrar,
MAKAUT, WB

Safal
Principal
Swami Vivekananda Institute of
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Dakshin Gobindapur
P.S.- Sonarpur, Kolkata-75-15-



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NOTICE

No.8.26/MAKAUT/Regis./Acdm.Cal/2021


Dated: 26.8.2021

The Academic Calendar as proposed for the year 2021-2022 is being notified as follows:

Events		For Continuing Batch	For New Batch
Odd Semester 2021-22			
1	Commencement of University Registration process online for newly admitted students	N.A.	Aug 25, 2021
2	Admission activities (for ensuing new students) to be completed by	N.A.	Sept 15, 2021
3	Commencement of Academic Programme (AICTE Courses)	Aug 31, 2021	Sept 15, 2021
	Commencement of Academic Programme (Non-AICTE Courses)	Aug 31, 2021	Sept 30, 2021
4	Registration activities (for ensuing newly admitted students for the session 2020-21) will be completed by	N.A.	Oct 25, 2021
5	Enrolment of students	Sept 01-10, 2021	Oct 01-07, 2021
6 (a)	Submission of continuous evaluation (CA I)	Oct 01-04, 2021 (Except Sem I)	
6 (b)	Submission of continuous evaluation (CA II & PCA I)	Nov 01-04, 2021	
6 (c)	Submission of continuous evaluation (CA III)	Dec 01-04, 2021	
6 (d)	Submission of continuous evaluation (CA IV & PCA II)	Jan 02-05, 2022	
7	Pre Examinations Activities/ form fill-up	Jan 06-14, 2022	
8(a)	Practical Examinations, Sessionals & Viva-Voce	Jan 15-25, 2022	
8(b)	Theory Examinations	Jan 17-29, 2022	
9 (a)	Last date of submission of MAR (Phase I)	30 th Nov 2021	
9 (b)	Last date of submission of MAR (Phase II)	31 st Jan 2021	
Even Semester 2021-22			
1	Commencement of Academic Programme	February 01, 2022	
2	Enrolment of students (for each semester)	Feb 01, 2022 to Feb 10, 2022	
3 (a)	Submission of continuous evaluation (CA I)	Mar 01-04, 2022	
3 (b)	Submission of continuous evaluation (CA II & PCA I)	Apr 01-04, 2022	
3 (c)	Submission of continuous evaluation (CA III)	May 01-04, 2022	
3 (d)	Submission of continuous evaluation (CA IV & PCA II)	June 01-04, 2022	
4	Pre Examinations Activities/ form fill-up	June 05-18, 2022	
5 (a)	Practical Examinations, Sessionals & Viva-Voce	June 20-30, 2022	
5 (b)	Theory Examinations	June 20-30, 2022	

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5 (b)	Theory Examinations	June 20-30, 2022
6 (a)	Publication of Result (Final Semester)	Results will be announced in the University website in July 2022
6 (b)	Publication of Result (Other than Final Semester)	Results will be announced in the University website in August 2022
7 (a)	Last date of submission of MAR (Phase I)	30 th April 2022
7 (b)	Last date of submission of MAR (Phase II)	30 th June 2022
During Inter-Semester-Break (Summer), Practical Training (<i>where applicable</i>) may be conducted.		
Separate Supplementary Examinations for final year student will be held tentatively in September, 2022. Details will be available in the University website in due course.		
Announcement regarding other activities will be available in the University website in due course		

Lahiri
27/8/2021
Dr Partha Pratim Lahiri
Registrar, MAKAUT, WB.

REGISTRAR
Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly Known as West Bengal University of Technology)
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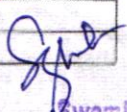
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P.S.- Sonarpur, Kolkata-145

Swami Vivekananda Institute of Science & Technology

Academic Calendar July 2018 – December 2018

Month	Date	Day	Particulars
JUL2018	1	SUN	Weekly Holiday
JUL	2	MON	Weekly Holiday
JUL	3	TUE	Summer Recess
JUL	4	WED	Summer Recess
JUL	5	THU	Summer Recess
JUL	6	FRI	Summer Recess
JUL	7	SAT	Summer Recess
JUL	8	SUN	Weekly Holiday
JUL	9	MON	Weekly Holiday
JUL	10	TUE	Summer Recess
JUL	11	WED	Summer Recess
JUL	12	THU	Summer Recess
JUL	13	FRI	College Reopens – Working Day
JUL	14	SAT	Working Day
JUL	15	SUN	Weekly Holiday
JUL	16	MON	Weekly Holiday
JUL	17	TUE	Class Day
JUL	18	WED	Class Day
JUL	19	THU	Class Day
JUL	20	FRI	Class Day
JUL	21	SAT	Class Day
JUL	22	SUN	Weekly Holiday
JUL	23	MON	Weekly Holiday
JUL	24	TUE	Class Day
JUL	25	WED	Class Day
JUL	26	THU	Class Day
JUL	27	FRI	Class Day
JUL	28	SAT	Class Day
JUL	29	SUN	Weekly Holiday
JUL	30	MON	Weekly Holiday
JUL	31	TUE	1 st Year orientation
AUG	1	WED	Do & Class Day
AUG	2	THU	Do & Class Day
AUG	3	FRI	Do & Class Day
AUG	4	SAT	Do & Class Day
AUG	5	SUN	Weekly Holiday
AUG	6	MON	Weekly Holiday
AUG	7	TUE	University Foundation day (WD)
AUG	8	WED	Class Day
AUG	9	THU	Class Day
AUG	10	FRI	Class Day
AUG	11	SAT	Class Day
AUG	12	SUN	Weekly Holiday
AUG	13	MON	Weekly Holiday
AUG	14	TUE	Holiday (Lieu of 7.8.18)
AUG	15	WED	Independence Day Celebration
AUG	16	THU	Class Day
AUG	17	FRI	Class Day
AUG	18	SAT	Class Day
AUG	19	SUN	Weekly Holiday
AUG	20	MON	Weekly Holiday
AUG	21	TUE	Class Day
AUG	22	WED	Id-Uz-Zoha
AUG	23	THU	Class Day

Month	Date	Day	Particulars
AUG	24	FRI	Class Day
AUG	25	SAT	Class Day
AUG	26	SUN	Weekly Holiday
AUG	27	MON	Weekly Holiday
AUG	28	TUE	Class Day
AUG	29	WED	Class Day
AUG	30	THU	Class Day
AUG	31	FRI	Class Day
SEP	1	SAT	Class Day
SEP	2	SUN	Weekly Holiday
SEP	3	MON	Weekly Holiday
SEP	4	TUE	Class Day
SEP	5	WED	Class Day
SEP	6	THU	Class Day
SEP	7	FRI	Class Day
SEP	8	SAT	Class Day
SEP	9	SUN	Weekly Holiday
SEP	10	MON	Weekly Holiday
SEP	11	TUE	Class Day
SEP	12	WED	Class Day
SEP	13	THU	Class Day
SEP	14	FRI	Unit Test 1
SEP	15	SAT	Unit Test 1
SEP	16	SUN	Weekly Holiday
SEP	17	MON	Viswakarma Puja
SEP	18	TUE	Viswakarma idol immersion
SEP	19	WED	Unit Test 1
SEP	20	THU	Unit Test 1
SEP	21	FRI	Muharam
SEP	22	SAT	Class Day
SEP	23	SUN	Weekly Holiday
SEP	24	MON	Weekly Holiday
SEP	25	TUE	Class Day
SEP	26	WED	Class Day
SEP	27	THU	Class Day
SEP	28	FRI	Class Day
SEP	29	SAT	Class Day
SEP	30	SUN	Weekly Holiday
OCT	1	MON	Weekly Holiday
OCT	2	TUE	Gandhi Jayanti
OCT	3	WED	Class Day
OCT	4	THU	Class Day
OCT	5	FRI	Class Day
OCT	6	SAT	Class Day
OCT	7	SUN	Weekly Holiday
OCT	8	MON	Weekly Holiday
OCT	9	TUE	Class Day
OCT	10	WED	Cultural Fest
OCT	11	THU	Cultural Fest
OCT	12	FRI	Fest Holiday
OCT	13	SAT	Puja Holiday Begins
OCT	14	SUN	Weekly Holiday
OCT	15	MON	Weekly Holiday
OCT	16	TUE	Durga Puja Holiday



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Swami Vivekananda Institute of Science & Technology


Academic Calendar July 2018 – December 2018


OCT	17	WED	Durga Puja Holiday
OCT	18	THU	Durga Puja Holiday
OCT	19	FRI	Durga Puja Holiday
OCT	20	SAT	Durga Puja Holiday
OCT	21	SUN	Weekly Holiday
OCT	22	MON	Weekly Holiday
OCT	23	TUE	Durga Puja Holiday
OCT	24	WED	Laxmi Puja Holiday
OCT	25	THU	Laxmi Puja Holiday
OCT	26	FRI	College Reopens
OCT	27	SAT	Class Day
OCT	28	SUN	Weekly Holiday
OCT	29	MON	Weekly Holiday
OCT	30	TUE	Class Day
OCT	31	WED	Class Day
NOV	1	THU	Class Day
NOV	2	FRI	Class Day
NOV	3	SAT	Class Day
NOV	4	SUN	Weekly Holiday
NOV	5	MON	Weekly Holiday
NOV	6	TUE	Kali Puja
NOV	7	WED	Diwali
NOV	8	THU	Diwali
NOV	9	FRI	Bhatri Dwitiya
NOV	10	SAT	Holiday
NOV	11	SUN	Weekly Holiday
NOV	12	MON	Weekly Holiday
NOV	13	TUE	Chat Puja
NOV	14	WED	Unit Test 2
NOV	15	THU	Unit Test 2
NOV	16	FRI	Unit Test 2
NOV	17	SAT	Unit Test 2
NOV	18	SUN	Weekly Holiday
NOV	19	MON	Unit Test 2
NOV	20	TUE	Unit Test 2
NOV	21	WED	Fateha-Doaz-Daham
NOV	22	THU	Class Day
NOV	23	FRI	Gurunanak Jayanti
NOV	24	SAT	Class Day – Teaching Ends
NOV	25	SUN	Weekly Holiday
NOV	26	MON	Weekly Holiday
NOV	27	TUE	College Day – MAKAUT Exam
NOV	28	WED	College Day – MAKAUT Exam
NOV	29	THU	College Day – MAKAUT Exam
NOV	30	FRI	College Day – MAKAUT Exam
DEC	1	SAT	College Day – MAKAUT Exam
DEC	2	SUN	Weekly Holiday
DEC	3	MON	Weekly Holiday
DEC	4	TUE	College Day – MAKAUT Exam
DEC	5	WED	College Day – MAKAUT Exam
DEC	6	THU	College Day – MAKAUT Exam
DEC	7	FRI	College Day – MAKAUT Exam
DEC	8	SAT	College Day – MAKAUT Exam
DEC	9	SUN	Weekly Holiday
DEC	10	MON	College Day – MAKAUT Exam
DEC	11	TUE	College Day – MAKAUT Exam
DEC	12	WED	College Day – MAKAUT Exam
DEC	13	THU	College Day – MAKAUT Exam
DEC	14	FRI	College Day – MAKAUT Exam
DEC	15	SAT	College Day – MAKAUT Exam
DEC	16	SUN	Weekly Holiday
DEC	17	MON	College Day – MAKAUT Exam
DEC	18	TUE	College Day – MAKAUT Exam
DEC	19	WED	College Day – MAKAUT Exam
DEC	20	THU	College Day – MAKAUT Exam
DEC	21	FRI	College Day – MAKAUT Exam
DEC	22	SAT	College Day – MAKAUT Exam
DEC	23	SUN	Weekly Holiday
DEC	24	MON	Weekly Holiday
DEC	25	TUE	Winter Recess Begins
DEC	26	WED	Winter Recess
DEC	27	THU	Winter Recess
DEC	28	FRI	Winter Recess
DEC	29	SAT	Winter Recess
DEC	30	SUN	Weekly Holiday
DEC	31	MON	Weekly Holiday

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Note:

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- Any day(s) on which cultural, co curricular or extracurricular program takes place will be working day.
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Swami Vivekananda Institute of Science & Technology

Academic Calendar Jan2019 – June 2019

Month	Date	Day	Particulars
JAN2019	1	TUE	Winter Recess
JAN	2	WED	Winter Recess
JAN	3	THU	Winter Recess
JAN	4	FRI	Winter Recess
JAN	5	SAT	Winter Recess
JAN	6	SUN	Weekly Holiday
JAN	7	MON	Weekly Holiday
JAN	8	TUE	Winter Recess
JAN	9	WED	Winter Recess
JAN	10	THU	College Reopens (WD)
JAN	11	FRI	College Day
JAN	12	SAT	Vivekananda's Birth day Celebr..
JAN	13	SUN	Weekly Holiday
JAN	14	MON	Weekly Holiday
JAN	15	TUE	Class Day
JAN	16	WED	Class Day
JAN	17	THU	Class Day
JAN	18	FRI	Class Day
JAN	19	SAT	Class Day
JAN	20	SUN	Weekly Holiday
JAN	21	MON	Weekly Holiday
JAN	22	TUE	Class Day
JAN	23	WED	Netaji's Birthday Celebration
JAN	24	THU	Class Day
JAN	25	FRI	Class Day
JAN	26	SAT	Republic Day Celebration
JAN	27	SUN	Weekly Holiday
JAN	28	MON	Weekly Holiday
JAN	29	TUE	Class Day
JAN	30	WED	Class Day
JAN	31	THU	Class Day
FEB	1	FRI	Class Day
FEB	2	SAT	Class Day
FEB	3	SUN	Weekly Holiday
FEB	4	MON	Weekly Holiday
FEB	5	TUE	Class Day
FEB	6	WED	Class Day
FEB	7	THU	Class Day
FEB	8	FRI	Class Day
FEB	9	SAT	Saraswati Puja Holiday
FEB	10	SUN	Saraswati Puja Celebration
FEB	11	MON	Saraswati idol immersion
FEB	12	TUE	Class Day
FEB	13	WED	Class Day
FEB	14	THU	Class Day
FEB	15	FRI	Class Day
FEB	16	SAT	Class Day
FEB	17	SUN	Weekly Holiday
FEB	18	MON	Weekly Holiday
FEB	19	TUE	Class Day
FEB	20	WED	Class Day
FEB	21	THU	Sports Day / Class Day
FEB	22	FRI	Sports Day / Class Day
FEB	23	SAT	Sports Day / Class Day

Month	Date	Day	Particulars
FEB	24	SUN	Weekly Holiday
FEB	25	MON	Weekly Holiday
FEB	26	TUE	Class Day
FEB	27	WED	Class Day
FEB	28	THU	Class Day
MAR	1	FRI	Class Day
MAR	2	SAT	Class Day
MAR	3	SUN	Weekly Holiday
MAR	4	MON	Shivratri Holiday
MAR	5	TUE	Unit Test 1 & Class Day
MAR	6	WED	Unit Test 1 & Class Day
MAR	7	THU	Unit Test 1 & Class Day
MAR	8	FRI	Unit Test 1 & Class Day
MAR	9	SAT	Unit Test 1 & Class Day
MAR	10	SUN	Weekly Holiday
MAR	11	MON	Weekly Holiday
MAR	12	TUE	Unit Test 1 & Class Day
MAR	13	WED	Unit Test 1 & Class Day
MAR	14	THU	Unit Test 1 & Class Day
MAR	15	FRI	Unit Test 1 & Class Day
MAR	16	SAT	Unit Test 1 & Class Day
MAR	17	SUN	Weekly Holiday
MAR	18	MON	Weekly Holiday
MAR	19	TUE	Class Day
MAR	20	WED	Class Day
MAR	21	THU	DolYatra
MAR	22	FRI	Holi
MAR	23	SAT	Holiday
MAR	24	SUN	Weekly Holiday
MAR	25	MON	College day
MAR	26	TUE	Class Day
MAR	27	WED	Class Day
MAR	28	THU	Class Day
MAR	29	FRI	Class Day
MAR	30	SAT	Class Day
MAR	31	SUN	Weekly Holiday
APR	1	MON	Weekly Holiday
APR	2	TUE	Class Day
APR	3	WED	Class Day
APR	4	THU	Class Day
APR	5	FRI	Class Day
APR	6	SAT	Class Day
APR	7	SUN	Weekly Holiday
APR	8	MON	Weekly Holiday
APR	9	TUE	Class Day
APR	10	WED	Class Day
APR	11	THU	Class Day
APR	12	FRI	Class Day
APR	13	SAT	Class Day
APR	14	SUN	Birthday of Dr.B.R.Ambedkar
APR	15	MON	Bengali New year
APR	16	TUE	Class Day
APR	17	WED	Class Day
APR	18	THU	Class Day

Swami Vivekananda Institute of Science & Technology

Academic Calendar Jan 2019 – June 2019

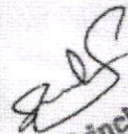
APR	19	FRI	Good Friday
APR	20	SAT	Tech Fest
APR	21	SUN	Weekly Holiday
APR	22	MON	Weekly Holiday
APR	23	TUE	Class Day
APR	24	WED	Class Day
APR	25	THU	Class Day
APR	26	FRI	Class Day
APR	27	SAT	Class Day
APR	28	SUN	Weekly Holiday
APR	29	MON	Weekly Holiday
APR	30	TUE	Class Day
MAY	1	WED	May Day
MAY	2	THU	Unit Test 2 & Class Day
MAY	3	FRI	Unit Test 2 & Class Day
MAY	4	SAT	Unit Test 2 & Class Day
MAY	5	SUN	Weekly Holiday
MAY	6	MON	Weekly Holiday
MAY	7	TUE	Unit Test 2 & Class Day
MAY	8	WED	Unit Test 2 & Class Day
MAY	9	THU	Rabindra Jayanti
MAY	10	FRI	Class Day
MAY	11	SAT	Teaching Ends
MAY	12	SUN	Weekly Holiday
MAY	13	MON	Weekly Holiday
MAY	14	TUE	Makaut Practical Exam
MAY	15	WED	Makaut Practical Exam
MAY	16	THU	Makaut Practical Exam
MAY	17	FRI	Makaut Practical Exam
MAY	18	SAT	Buddha Purnima
MAY	19	SUN	Weekly Holiday
MAY	20	MON	Weekly Holiday
MAY	21	TUE	Makaut Practical Exam
MAY	22	WED	Makaut Practical Exam
MAY	23	THU	Makaut Theory Exam
MAY	24	FRI	Makaut Theory Exam
MAY	25	SAT	Makaut Theory Exam
MAY	26	SUN	Weekly Holiday
MAY	27	MON	Makaut Theory Exam
MAY	28	TUE	Makaut Theory Exam
MAY	29	WED	Makaut Theory Exam
MAY	30	THU	Makaut Theory Exam
MAY	31	FRI	Makaut Theory Exam
JUN	1	SAT	Makaut Theory Exam
JUN	2	SUN	Weekly Holiday
JUN	3	MON	Makaut Theory Exam
JUN	4	TUE	Makaut Theory Exam
JUN	5	WED	Id-Ul-Fittar
JUN	6	THU	Makaut Theory Exam
JUN	7	FRI	Makaut Theory Exam
JUN	8	SAT	Makaut Theory Exam
JUN	9	SUN	Weekly Holiday
JUN	10	MON	Makaut Theory Exam
JUN	11	TUE	Makaut Theory Exam
JUN	12	WED	Makaut Theory Exam

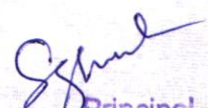
JUN	13	THU	College Day
JUN	14	FRI	College Day
JUN	15	SAT	College Day
JUN	16	SUN	Weekly Holiday
JUN	17	MON	Weekly Holiday
JUN	18	TUE	Summer Recess
JUN	19	WED	Summer Recess
JUN	20	THU	Summer Recess
JUN	21	FRI	Summer Recess
JUN	22	SAT	Summer Recess
JUN	23	SUN	Weekly Holiday
JUN	24	MON	Weekly Holiday
JUN	25	TUE	Summer Recess
JUN	26	WED	Summer Recess
JUN	27	THU	Summer Recess
JUN	28	FRI	Summer Recess
JUN	29	SAT	Summer Recess
JUN	30	SUN	Weekly Holiday

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Academic Calendar July 2019 – December 2019

Month	Date	Day	Particulars
JUL2019	1	MON	Weekly Holiday
JUL	2	TUE	Summer Recess
JUL	3	WED	Summer Recess
JUL	4	THU	Summer Recess
JUL	5	FRI	Summer Recess
JUL	6	SAT	Summer Recess
JUL	7	SUN	Weekly Holiday
JUL	8	MON	Weekly Holiday
JUL	9	TUE	Summer Recess
JUL	10	WED	Summer Recess
JUL	11	THU	Summer Recess
JUL	12	FRI	College Reopens – Working Day
JUL	13	SAT	Class Day
JUL	14	SUN	Weekly Holiday
JUL	15	MON	Weekly Holiday
JUL	16	TUE	Class Day
JUL	17	WED	Class Day
JUL	18	THU	Class Day
JUL	19	FRI	Class Day
JUL	20	SAT	Class Day
JUL	21	SUN	Weekly Holiday
JUL	22	MON	Weekly Holiday
JUL	23	TUE	Class Day
JUL	24	WED	Class Day
JUL	25	THU	Class Day
JUL	26	FRI	Class Day
JUL	27	SAT	Class Day
JUL	28	SUN	Weekly Holiday
JUL	29	MON	Weekly Holiday
JUL	30	TUE	1 st Year orientation
JUL	31	WED	Do & Class Day
AUG	1	THU	Do & Class Day
AUG	2	FRI	Do & Class Day
AUG	3	SAT	Do & Class Day
AUG	4	SUN	Weekly Holiday
AUG	5	MON	Weekly Holiday
AUG	6	TUE	Class Day
AUG	7	WED	Class Day
AUG	8	THU	Class Day
AUG	9	FRI	Class Day
AUG	10	SAT	Class Day
AUG	11	SUN	Weekly Holiday
AUG	12	MON	Id-Uz-Zoha
AUG	13	TUE	Class Day
AUG	14	WED	Class Day
AUG	15	THU	Independence Day Celebration
AUG	16	FRI	Class Day
AUG	17	SAT	Class Day
AUG	18	SUN	Weekly Holiday
AUG	19	MON	Weekly Holiday
AUG	20	TUE	Class Day
AUG	21	WED	Class Day
AUG	22	THU	Class Day
AUG	23	FRI	Janmastami

Month	Date	Day	Particulars
AUG	24	SAT	Class Day
AUG	25	SUN	Weekly Holiday
AUG	26	MON	Weekly Holiday
AUG	27	TUE	Class Test
AUG	28	WED	Class Test
AUG	29	THU	Class Test
AUG	30	FRI	Class Day
AUG	31	SAT	Class Day
SEP	1	SUN	Weekly Holiday
SEP	2	MON	Weekly Holiday
SEP	3	TUE	Class Day
SEP	4	WED	Class Day
SEP	5	THU	Class Day
SEP	6	FRI	Class Day
SEP	7	SAT	Class Day
SEP	8	SUN	Weekly Holiday
SEP	9	MON	Weekly Holiday
SEP	10	TUE	Muharam
SEP	11	WED	Class Day
SEP	12	THU	Class Day
SEP	13	FRI	Class Day
SEP	14	SAT	Class Day
SEP	15	SUN	Weekly Holiday
SEP	16	MON	Weekly Holiday
SEP	17	TUE	Class Day
SEP	18	WED	Viswakarma Puja Holiday
SEP	19	THU	Viswakarma idol immersion
SEP	20	FRI	Class Day
SEP	21	SAT	Class Day
SEP	22	SUN	Weekly Holiday
SEP	23	MON	Weekly Holiday
SEP	24	TUE	Unit Test 1
SEP	25	WED	Unit Test 1
SEP	26	THU	Unit Test 1
SEP	27	FRI	Class Day
SEP	28	SAT	Mahalaya
SEP	29	SUN	Weekly Holiday
SEP	30	MON	Weekly Holiday
OCT	1	TUE	Additional Puja Holiday
OCT	2	WED	Gandhi Jayanti
OCT	3	THU	Durga Puja Holiday
OCT	4	FRI	Durga Puja Holiday
OCT	5	SAT	Durga Puja Holiday
OCT	6	SUN	Weekly Holiday
OCT	7	MON	Weekly Holiday
OCT	8	TUE	Durga Puja Holiday
OCT	9	WED	Durga Puja Holiday
OCT	10	THU	Durga Puja Holiday
OCT	11	FRI	Durga Puja Holiday
OCT	12	SAT	Durga Puja Holiday
OCT	13	SUN	Lakshmi Puja Holiday
OCT	14	MON	Weekly Holiday
OCT	15	TUE	College Reopens
OCT	16	WED	Class Day

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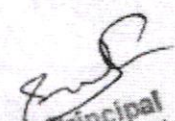
Academic Calendar July 2019 – December 2019


OCT	17	THU	Class Day
OCT	18	FRI	Class Day
OCT	19	SAT	Class Day
OCT	20	SUN	<i>Weekly Holiday</i>
OCT	21	MON	<i>Weekly Holiday</i>
OCT	22	TUE	Class Day
OCT	23	WED	Unit Test 2
OCT	24	THU	Unit Test 2
OCT	25	FRI	Unit Test 2
OCT	26	SAT	Class Day
OCT	27	SUN	<i>Kali Puja</i>
OCT	28	MON	<i>Diwali</i>
OCT	29	TUE	<i>Bhatri Dwitiya</i>
OCT	30	WED	<i>Kali puja Holiday</i>
OCT	31	THU	Class Day
NOV	1	FRI	Class Day
NOV	2	SAT	<i>Chhat Puja</i>
NOV	3	SUN	<i>Weekly Holiday</i>
NOV	4	MON	<i>Weekly Holiday</i>
NOV	5	TUE	Class Day
NOV	6	WED	Class Day
NOV	7	THU	Class Day
NOV	8	FRI	Class Day
NOV	9	SAT	Class Day
NOV	10	SUN	<i>Fateha-Doaz-Daham</i>
NOV	11	MON	<i>Weekly Holiday</i>
NOV	12	TUE	<i>Gurunanak Jayanti</i>
NOV	13	WED	Class Day
NOV	14	THU	Class Day
NOV	15	FRI	Class Day
NOV	16	SAT	Class Day
NOV	17	SUN	<i>Weekly Holiday</i>
NOV	18	MON	<i>Weekly Holiday</i>
NOV	19	TUE	Class Day
NOV	20	WED	Class Day
NOV	21	THU	Practical Exam MAKAUT
NOV	22	FRI	Practical Exam MAKAUT
NOV	23	SAT	Practical Exam MAKAUT
NOV	24	SUN	<i>Weekly Holiday</i>
NOV	25	MON	<i>Weekly Holiday</i>
NOV	26	TUE	Class Test
NOV	27	WED	Class Test
NOV	28	THU	Class Test
NOV	29	FRI	Class Test
NOV	30	SAT	Class Test
DEC	1	SUN	<i>Weekly Holiday</i>
DEC	2	MON	<i>Weekly Holiday</i>
DEC	3	TUE	College Day
DEC	4	WED	College Day – MAKAUT Exam
DEC	5	THU	College Day – MAKAUT Exam
DEC	6	FRI	College Day – MAKAUT Exam
DEC	7	SAT	College Day – MAKAUT Exam
DEC	8	SUN	College Day – MAKAUT Exam
DEC	9	MON	<i>Weekly Holiday</i>
DEC	10	TUE	College Day – MAKAUT Exam
DEC	11	WED	College Day – MAKAUT Exam
DEC	12	THU	College Day – MAKAUT Exam
DEC	13	FRI	College Day – MAKAUT Exam
DEC	14	SAT	College Day – MAKAUT Exam
DEC	15	SUN	<i>Weekly Holiday</i>
DEC	16	MON	College Day – MAKAUT Exam
DEC	17	TUE	College Day – MAKAUT Exam
DEC	18	WED	College Day – MAKAUT Exam
DEC	19	THU	College Day – MAKAUT Exam
DEC	20	FRI	College Day – MAKAUT Exam
DEC	21	SAT	College Day – MAKAUT Exam
DEC	22	SUN	<i>Weekly Holiday</i>
DEC	23	MON	<i>Winter Recess Begins</i>
DEC	24	TUE	<i>Winter Recess</i>
DEC	25	WED	<i>Winter Recess</i>
DEC	26	THU	<i>Winter Recess</i>
DEC	27	FRI	<i>Winter Recess</i>
DEC	28	SAT	<i>Winter Recess</i>
DEC	29	SUN	<i>Weekly Holiday</i>
DEC	30	MON	<i>Weekly Holiday</i>
DEC	31	TUE	<i>Winter Recess</i>

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Swami Vivekananda Institute of Science & Technology

Academic Calendar Jan2020 – June 2020

Month	Date	Day	Particulars
JAN2020	1	WED	Winter Recess
JAN	2	THU	Winter Recess
JAN	3	FRI	Winter Recess
JAN	4	SAT	Winter Recess
JAN	5	SUN	Weekly Holiday
JAN	6	MON	Weekly Holiday
JAN	7	TUE	College Reopen
JAN	8	WED	Class Day
JAN	9	THU	Class Day
JAN	10	FRI	Class Day
JAN	11	SAT	Class Day
JAN	12	SUN	Vivekananda's Birth day Celebr..
JAN	13	MON	Weekly Holiday
JAN	14	TUE	Class Day
JAN	15	WED	Class Day
JAN	16	THU	Class Day
JAN	17	FRI	Class Day
JAN	18	SAT	Class Day
JAN	19	SUN	Weekly Holiday
JAN	20	MON	Weekly Holiday
JAN	21	TUE	Class Day
JAN	22	WED	Class Day
JAN	23	THU	Netaji's Birthday Celebration
JAN	24	FRI	Class Day
JAN	25	SAT	Class Day
JAN	26	SUN	Republic Day Celebration
JAN	27	MON	Weekly Holiday
JAN	28	TUE	Class Day
JAN	29	WED	Class Day
JAN	30	THU	Saraswati Puja Holiday
JAN	31	FRI	Saraswati idol immersion
FEB	1	SAT	Additional Holiday
FEB	2	SUN	Weekly Holiday
FEB	3	MON	Weekly Holiday
FEB	4	TUE	Class Day
FEB	5	WED	Class Day
FEB	6	THU	Class Day
FEB	7	FRI	Class Day
FEB	8	SAT	Class Day
FEB	9	SUN	Weekly Holiday
FEB	10	MON	Weekly Holiday
FEB	11	TUE	Class Day
FEB	12	WED	Class Day
FEB	13	THU	Class Day
FEB	14	FRI	Class Day
FEB	15	SAT	Class Day
FEB	16	SUN	Weekly Holiday
FEB	17	MON	Weekly Holiday
FEB	18	TUE	Class Day
FEB	19	WED	Class Day
FEB	20	THU	Sports Day
FEB	21	FRI	Shivratri Holiday
FEB	22	SAT	Sports Day
FEB	23	SUN	Weekly Holiday

Month	Date	Day	Particulars
FEB	24	MON	Weekly Holiday
FEB	25	TUE	Unit Test 1
FEB	26	WED	Unit Test 1
FEB	27	THU	Unit Test 1
FEB	28	FRI	Class Day
FEB	29	SAT	Class Day
MAR	1	SUN	Weekly Holiday
MAR	2	MON	Weekly Holiday
MAR	3	TUE	Class Day
MAR	4	WED	Class Day
MAR	5	THU	Class Day
MAR	6	FRI	Class Day
MAR	7	SAT	Class Day
MAR	8	SUN	Weekly Holiday
MAR	9	MON	Dol Yatra
MAR	10	TUE	Holi
MAR	11	WED	Class Day
MAR	12	THU	Class Day
MAR	13	FRI	Class Day
MAR	14	SAT	Class Day
MAR	15	SUN	Weekly Holiday
MAR	16	MON	Weekly Holiday
MAR	17	TUE	Class Day
MAR	18	WED	Class Day
MAR	19	THU	Class Day
MAR	20	FRI	Class Day
MAR	21	SAT	Class Day
MAR	22	SUN	Weekly Holiday
MAR	23	MON	Weekly Holiday
MAR	24	TUE	Class Day
MAR	25	WED	Class Day
MAR	26	THU	Unit Test 2
MAR	27	FRI	Unit Test 2
MAR	28	SAT	Unit Test 2
MAR	29	SUN	Weekly Holiday
MAR	30	MON	Weekly Holiday
MAR	31	TUE	Class Day
APR	1	WED	Class Day
APR	2	THU	Class Day
APR	3	FRI	Class Day
APR	4	SAT	Class Day
APR	5	SUN	Weekly Holiday
APR	6	MON	Weekly Holiday
APR	7	TUE	Class Day
APR	8	WED	Class Day
APR	9	THU	Class Day
APR	10	FRI	Good Friday
APR	11	SAT	Class Day
APR	12	SUN	Weekly Holiday
APR	13	MON	Weekly Holiday
APR	14	TUE	Birthday of Dr.B.R.Ambedkar
APR	15	WED	Class Day
APR	16	THU	Class Day
APR	17	FRI	Class Day

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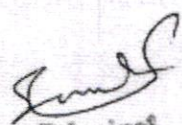
Academic Calendar Jan2020 – June 2020

APR	18	SAT	Class Day
APR	19	SUN	Weekly Holiday
APR	20	MON	Weekly Holiday
APR	21	TUE	Class Day
APR	22	WED	Class Day
APR	23	THU	Class Day
APR	24	FRI	Class Day
APR	25	SAT	Tech Fest
APR	26	SUN	Weekly Holiday
APR	27	MON	Weekly Holiday
APR	28	TUE	Class Day
APR	29	WED	Class Day
APR	30	THU	Class Day
MAY	1	FRI	May Day
MAY	2	SAT	Class Day
MAY	3	SUN	Weekly Holiday
MAY	4	MON	Weekly Holiday
MAY	5	TUE	Class Day
MAY	6	WED	Class Day
MAY	7	THU	Buddha Purnima
MAY	8	FRI	Rabindra Jayanti
MAY	9	SAT	Teaching End
MAY	10	SUN	Weekly Holiday
MAY	11	MON	Practical Exam MAKAUT
MAY	12	TUE	Practical Exam MAKAUT
MAY	13	WED	Practical Exam MAKAUT
MAY	14	THU	Practical Exam MAKAUT
MAY	15	FRI	Practical Exam MAKAUT
MAY	16	SAT	Practical Exam MAKAUT
MAY	17	SUN	Weekly Holiday
MAY	18	MON	Weekly Holiday
MAY	19	TUE	College Day
MAY	20	WED	College Day
MAY	21	THU	College Day
MAY	22	FRI	College Day – MAKAUT Exam
MAY	23	SAT	College Day – MAKAUT Exam
MAY	24	SUN	Weekly Holiday
MAY	25	MON	Id-Ul-Fittar
MAY	26	TUE	Additional Holiday
MAY	27	WED	College Day – MAKAUT Exam
MAY	28	THU	College Day – MAKAUT Exam
MAY	29	FRI	College Day – MAKAUT Exam
MAY	30	SAT	College Day – MAKAUT Exam
MAY	31	SUN	Weekly Holiday
JUN	1	MON	College Day – MAKAUT Exam
JUN	2	TUE	College Day – MAKAUT Exam
JUN	3	WED	College Day – MAKAUT Exam
JUN	4	THU	College Day – MAKAUT Exam
JUN	5	FRI	College Day – MAKAUT Exam
JUN	6	SAT	College Day – MAKAUT Exam
JUN	7	SUN	Weekly Holiday
JUN	8	MON	College Day – MAKAUT Exam
JUN	9	TUE	College Day – MAKAUT Exam
JUN	10	WED	College Day
JUN	11	THU	Summer Recess
JUN	12	FRI	Summer Recess
JUN	13	SAT	Summer Recess
JUN	14	SUN	Weekly Holiday
JUN	15	MON	Summer Recess
JUN	16	TUE	Summer Recess
JUN	17	WED	Summer Recess
JUN	18	THU	Summer Recess
JUN	19	FRI	Summer Recess
JUN	20	SAT	Summer Recess
JUN	21	SUN	Weekly Holiday
JUN	22	MON	Summer Recess
JUN	23	TUE	Summer Recess
JUN	24	WED	Summer Recess
JUN	25	THU	Summer Recess
JUN	26	FRI	Summer Recess
JUN	27	SAT	Summer Recess
JUN	28	SUN	Weekly Holiday
JUN	29	MON	Summer Recess
JUN	30	TUE	Summer Recess

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Swami Vivekananda Institute of Science & Technology

Academic Calendar July 2020 – December 2020

Month	Date	Day	Particulars
JUL2020	1	WED	Class Day Online Mode*****
JUL	2	THU	Class Day Online Mode
JUL	3	FRI	Class Day Online Mode
JUL	4	SAT	Class Day Online Mode
JUL	5	SUN	Weekly Holiday
JUL	6	MON	Weekly Holiday
JUL	7	TUE	Class Day Online Mode
JUL	8	WED	Class Day Online Mode
JUL	9	THU	Class Day Online Mode
JUL	10	FRI	Class Day Online Mode
JUL	11	SAT	Class Day Online Mode
JUL	12	SUN	Weekly Holiday
JUL	13	MON	Weekly Holiday
JUL	14	TUE	Class Day Online Mode
JUL	15	WED	Class Day Online Mode
JUL	16	THU	Class Day Online Mode
JUL	17	FRI	Class Day Online Mode
JUL	18	SAT	Class Day Online Mode
JUL	19	SUN	Weekly Holiday
JUL	20	MON	Weekly Holiday
JUL	21	TUE	Class Day Online Mode
JUL	22	WED	Class Day Online Mode
JUL	23	THU	Class Day Online Mode
JUL	24	FRI	Class Day Online Mode
JUL	25	SAT	Class Day Online Mode
JUL	26	SUN	Weekly Holiday
JUL	27	MON	Weekly Holiday
JUL	28	TUE	Class Day Online Mode
JUL	29	WED	Class Day Online Mode
JUL	30	THU	Class Day Online Mode
JUL	31	FRI	CA 4/ PAC 2- EVEN Sem -2020
AUG	1	SAT	Id-Uz-Zoha
AUG	2	SUN	Weekly Holiday
AUG	3	MON	Weekly Holiday
AUG	4	TUE	CA 4/ PAC 2 EVEN Sem -2020
AUG	5	WED	CA 4/ PAC 2 EVEN Sem -2020
AUG	6	THU	CA 4/ PAC 2 EVEN Sem -2020
AUG	7	FRI	CA 4/ PAC 2 EVEN Sem -2020
AUG	8	SAT	CA 4/ PAC 2 EVEN Sem -2020
AUG	9	SUN	Weekly Holiday
AUG	10	MON	CA 4/ PAC 2 EVEN Sem -2020
AUG	11	TUE	Janmastami
AUG	12	WED	CA 4/ PAC 2 EVEN Sem -2020
AUG	13	THU	CA 4/ PAC 2 EVEN Sem -2020
AUG	14	FRI	CA 4/ PAC 2 EVEN Sem -2020
AUG	15	SAT	Independence Day Celebration
AUG	16	SUN	Weekly Holiday
AUG	17	MON	Weekly Holiday
AUG	18	TUE	Semester Break
AUG	19	WED	Semester Break
AUG	20	THU	Semester Break
AUG	21	FRI	Semester Break
AUG	22	SAT	Semester Break
AUG	23	SUN	Weekly Holiday

Month	Date	Day	Particulars
AUG	24	MON	Weekly Holiday
AUG	25	TUE	Class Start Online Mode New ODD Semester
AUG	26	WED	Class Day Online Mode
AUG	27	THU	Class Day Online Mode
AUG	28	FRI	Class Day Online Mode
AUG	29	SAT	Class Day Online Mode
AUG	30	SUN	Muharam
AUG	31	MON	Weekly Holiday
SEP	1	TUE	Class Day Online Mode
SEP	2	WED	Class Day Online Mode
SEP	3	THU	Class Day Online Mode
SEP	4	FRI	Class Day Online Mode
SEP	5	SAT	Class Day Online Mode
SEP	6	SUN	Weekly Holiday
SEP	7	MON	Weekly Holiday
SEP	8	TUE	Class Day Online Mode
SEP	9	WED	Class Day Online Mode
SEP	10	THU	Class Day Online Mode
SEP	11	FRI	Class Day Online Mode
SEP	12	SAT	Class Day Online Mode
SEP	13	SUN	Weekly Holiday
SEP	14	MON	Weekly Holiday
SEP	15	TUE	Class Day Online Mode
SEP	16	WED	Viswakarma Puja
SEP	17	THU	Mahalaya
SEP	18	FRI	Class Day Online Mode
SEP	19	SAT	Class Day Online Mode
SEP	20	SUN	Weekly Holiday
SEP	21	MON	Weekly Holiday
SEP	22	TUE	Class Day Online Mode
SEP	23	WED	Class Day Online Mode
SEP	24	THU	Class Day Online Mode
SEP	25	FRI	Class Day Online Mode
SEP	26	SAT	Class Day Online Mode
SEP	27	SUN	Weekly Holiday
SEP	28	MON	Weekly Holiday
SEP	29	TUE	Class Day Online Mode
SEP	30	WED	Class Day Online Mode
OCT	1	THU	Class Day Online Mode
OCT	2	FRI	Gandhi Jayanti
OCT	3	SAT	Class Day Online Mode
OCT	4	SUN	Weekly Holiday
OCT	5	MON	Weekly Holiday
OCT	6	TUE	Class Day Online Mode
OCT	7	WED	Class Day Online Mode
OCT	8	THU	Class Day Online Mode
OCT	9	FRI	Class Day Online Mode
OCT	10	SAT	Class Day Online Mode
OCT	11	SUN	Weekly Holiday
OCT	12	MON	Weekly Holiday
OCT	13	TUE	Class Day Online Mode
OCT	14	WED	Class Day Online Mode
OCT	15	THU	Class Day Online Mode
OCT	16	FRI	Class Day Online Mode

*** Extension of Previous EVEN semester-2020.

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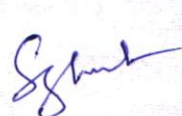
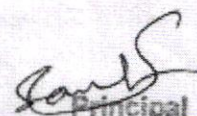
Academic Calendar July 2020 – December 2020

OCT	17	SAT	Class Day Online Mode
OCT	18	SUN	Weekly Holiday
OCT	19	MON	Durga Puja Holiday
OCT	20	TUE	Durga Puja Holiday
OCT	21	WED	Durga Puja Holiday
OCT	22	THU	Durga Puja Holiday
OCT	23	FRI	Durga Puja Holiday
OCT	24	SAT	Durga Puja Holiday
OCT	25	SUN	Weekly Holiday
OCT	26	MON	Weekly Holiday
OCT	27	TUE	Durga Puja Holiday
OCT	28	WED	Durga Puja Holiday
OCT	29	THU	Durga Puja Holiday
OCT	30	FRI	Fateha-Doaz-Daham/ Lakshmi Puja
OCT	31	SAT	Additional Lakshmi Puja Holiday
NOV	1	SUN	Weekly Holiday
NOV	2	MON	Weekly Holiday
NOV	3	TUE	1 st Year Orientation & Class Day
NOV	4	WED	1 st Year Orientation & Class Day
NOV	5	THU	1 st Year Orientation & Class Day
NOV	6	FRI	1 st Year Orientation & Class Day
NOV	7	SAT	1 st Year Orientation & Class Day
NOV	8	SUN	Weekly Holiday
NOV	9	MON	Weekly Holiday
NOV	10	TUE	Class Day Online Mode
NOV	11	WED	Maulana Abul kalam Azad (BD)
NOV	12	THU	Class Day Online Mode
NOV	13	FRI	Class Day Online Mode
NOV	14	SAT	Kali Puja
NOV	15	SUN	Diwali
NOV	16	MON	Bhatri Dwitiya
NOV	17	TUE	Additional Kali puja Holiday
NOV	18	WED	Additional Kali puja Holiday
NOV	19	THU	Additional Kali puja Holiday
NOV	20	FRI	Chhat Puja Holiday
NOV	21	SAT	Class Day Online Mode
NOV	22	SUN	Weekly Holiday
NOV	23	MON	Weekly Holiday
NOV	24	TUE	Class Day Online Mode
NOV	25	WED	Class Day Online Mode
NOV	26	THU	Class Day Online Mode
NOV	27	FRI	Class Day Online Mode
NOV	28	SAT	Class Day Online Mode
NOV	29	SUN	Weekly Holiday
NOV	30	MON	Gururanak Jayanti
DEC	1	TUE	Class Day Online Mode
DEC	2	WED	Class Day Online Mode
DEC	3	THU	Class Day Online Mode
DEC	4	FRI	Class Day Online Mode
DEC	5	SAT	Class Day Online Mode
DEC	6	SUN	Weekly Holiday
DEC	7	MON	Weekly Holiday
DEC	8	TUE	Class Day Online Mode
DEC	9	WED	Class Day Online Mode
DEC	10	THU	Class Day Online Mode
DEC	11	FRI	Class Day Online Mode
DEC	12	SAT	Class Day Online Mode
DEC	13	SUN	Weekly Holiday
DEC	14	MON	Weekly Holiday
DEC	15	TUE	Class Day Online Mode
DEC	16	WED	Class Day Online Mode
DEC	17	THU	Class Day Online Mode
DEC	18	FRI	Class Day Online Mode
DEC	19	SAT	Class Day Online Mode
DEC	20	SUN	Weekly Holiday
DEC	21	MON	Weekly Holiday
DEC	22	TUE	Class Day Online Mode
DEC	23	WED	Class Day Online Mode
DEC	24	THU	Class Day Online Mode
DEC	25	FRI	Christmas Day
DEC	26	SAT	Winter Recess
DEC	27	SUN	Weekly Holiday
DEC	28	MON	Winter Recess
DEC	29	TUE	Winter Recess
DEC	30	WED	Winter Recess
DEC	31	THU	Winter Recess

The Academic Calendar is subject to modification after the declaration of the University Academic Calendar.

Note:

- Normally Sunday and Monday will be weekly Holidays. (Except any special cases)
- Any day(s) on which cultural, co curricular or extracurricular program takes place will be working day.
- The date schedule specified above may be changed due to unavoidable reason.
- Unless otherwise notified regular classes will be held during Campus Interview.
- In spite of suspension of classes any day, the day will be treated as regular working day.
- This calendar schedule is not applicable to the training and placement Department.
- Some of the schedule dates may be changed in future due to Covid pandemic.
- As the University Exam got postponed due to pandemic in the previous semester, The preparation of Academic calendar was rescheduled.

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Swami Vivekananda Institute of Science & Technology

Academic Calendar Jan2021 – July 2021

Month	Date	Day	Particulars
JAN2021	1	FRI	<i>New Year's Day</i>
JAN	2	SAT	<i>Winter Recess</i>
JAN	3	SUN	<i>Weekly Holiday</i>
JAN	4	MON	<i>Weekly Holiday</i>
JAN	5	TUE	Class Day Online Mode
JAN	6	WED	Class Day Online Mode
JAN	7	THU	Class Day Online Mode
JAN	8	FRI	Class Day Online Mode
JAN	9	SAT	Class Day Online Mode
JAN	10	SUN	<i>Weekly Holiday</i>
JAN	11	MON	<i>Weekly Holiday</i>
JAN	12	TUE	<i>Vivekananda's Birth day Celebr..</i>
JAN	13	WED	Class Day Online Mode
JAN	14	THU	Class Day Online Mode
JAN	15	FRI	Class Day Online Mode
JAN	16	SAT	Class Day Online Mode
JAN	17	SUN	<i>Weekly Holiday</i>
JAN	18	MON	<i>Weekly Holiday</i>
JAN	19	TUE	Class Day Online Mode
JAN	20	WED	Class Day Online Mode
JAN	21	THU	<i>CA-1 Odd Semester</i>
JAN	22	FRI	<i>CA-1 Odd Semester</i>
JAN	23	SAT	<i>Netaji's Birthday Celebration</i>
JAN	24	SUN	<i>Weekly Holiday</i>
JAN	25	MON	<i>Weekly Holiday</i>
JAN	26	TUE	<i>Republic Day Celebration</i>
JAN	27	WED	<i>CA-1 Odd Semester</i>
JAN	28	THU	<i>CA-1 Odd Semester</i>
JAN	29	FRI	Class Day Online Mode
JAN	30	SAT	Class Day Online Mode
JAN	31	SUN	<i>Weekly Holiday</i>
FEB	1	MON	<i>Weekly Holiday</i>
FEB	2	TUE	Class Day Online Mode
FEB	3	WED	Class Day Online Mode
FEB	4	THU	Class Day Online Mode
FEB	5	FRI	Class Day Online Mode
FEB	6	SAT	Class Day Online Mode
FEB	7	SUN	<i>Weekly Holiday</i>
FEB	8	MON	<i>Weekly Holiday</i>
FEB	9	TUE	<i>CA -2 Odd Semester</i>
FEB	10	WED	<i>CA- 2 Odd Semester</i>
FEB	11	THU	<i>CA- 2 Odd Semester</i>
FEB	12	FRI	<i>CA- 2 Odd Semester</i>
FEB	13	SAT	<i>CA-2 Odd Semester</i>
FEB	14	SUN	<i>Weekly Holiday</i>
FEB	15	MON	<i>Weekly Holiday</i>
FEB	16	TUE	<i>Saraswati Puja Celebration</i>
FEB	17	WED	<i>Saraswati Idol Immerston</i>
FEB	18	THU	Class Day Online Mode
FEB	19	FRI	Class Day Online Mode
FEB	20	SAT	Class Day Online Mode
FEB	21	SUN	<i>Weekly Holiday</i>
FEB	22	MON	<i>Weekly Holiday</i>

Month	Date	Day	Particulars
FEB	24	WED	<i>CA-3 & PCA- 1 ODD Semester</i>
FEB	25	THU	<i>CA-3 & PCA- 1 ODD Semester</i>
FEB	26	FRI	Class Day Online Mode
FEB	27	SAT	Class Day Online Mode
FEB	28	SUN	<i>Weekly Holiday</i>
MAR	1	MON	<i>Weekly Holiday</i>
MAR	2	TUE	<i>CA-4 ODD Semester</i>
MAR	3	WED	<i>CA-4 ODD Semester</i>
MAR	4	THU	<i>CA-4 ODD Semester</i>
MAR	5	FRI	<i>CA-4 ODD Semester</i>
MAR	6	SAT	Class Day Online Mode
MAR	7	SUN	<i>Weekly Holiday</i>
MAR	8	MON	<i>Weekly Holiday</i>
MAR	9	TUE	Class Day Online Mode
MAR	10	WED	Class Day Online Mode
MAR	11	THU	<i>Shivratri Holiday</i>
MAR	12	FRI	<i>MAKAUT Theory Exam</i>
MAR	13	SAT	<i>MAKAUT Theory Exam</i>
MAR	14	SUN	<i>Weekly Holiday</i>
MAR	15	MON	<i>MAKAUT Theory Exam</i>
MAR	16	TUE	<i>MAKAUT Theory Exam</i>
MAR	17	WED	<i>MAKAUT Theory Exam</i>
MAR	18	THU	<i>MAKAUT Theory Exam</i>
MAR	19	FRI	<i>MAKAUT Theory Exam</i>
MAR	20	SAT	<i>MAKAUT Theory Exam</i>
MAR	21	SUN	<i>Weekly Holiday</i>
MAR	22	MON	<i>MAKAUT Theory Exam</i>
MAR	23	TUE	<i>MAKAUT Theory Exam</i>
MAR	24	WED	<i>MAKAUT Theory Exam</i>
MAR	25	THU	<i>MAKAUT Theory Exam</i>
MAR	26	FRI	<i>MAKAUT Theory Exam</i>
MAR	27	SAT	<i>College Day</i>
MAR	28	SUN	<i>DolYatra</i>
MAR	29	MON	<i>Holi</i>
MAR	30	TUE	<i>Semester Break</i>
MAR	31	WED	<i>Semester Break</i>
APR	1	THU	<i>Semester Break</i>
APR	2	FRI	<i>Good Friday</i>
APR	3	SAT	<i>Semester Break</i>
APR	4	SUN	<i>Weekly Holiday</i>
APR	5	MON	<i>Weekly Holiday</i>
APR	6	TUE	<i>Semester Break</i>
APR	7	WED	<i>Semester Break</i>
APR	8	THU	<i>Semester Break</i>
APR	9	FRI	<i>Semester Break</i>
APR	10	SAT	<i>Semester Break</i>
APR	11	SUN	<i>Weekly Holiday</i>
APR	12	MON	<i>Weekly Holiday</i>
APR	13	TUE	<i>Semester Break</i>
APR	14	WED	<i>Birthday of Dr.B.R.Ambedkar</i>
APR	15	THU	<i>Bengali New year</i>
APR	16	FRI	Class Start Day
APR	17	SAT	Class Day Online Mode

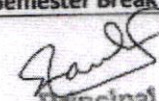
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Swami Vivekananda Institute of Science & Technology

Academic Calendar Jan2021 – July 2021

FEB	23	TUE	CA-3 & PCA- 1 ODD Semester	APR	18	SUN	Weekly Holiday
APR	19	MON	Weekly Holiday	JUN	13	SUN	Weekly Holiday
APR	20	TUE	Class Day Online Mode	JUN	14	MON	College Day
APR	21	WED	Class Day Online Mode	JUN	15	TUE	Class Day Online Mode
APR	22	THU	Class Day Online Mode	JUN	16	WED	Class Day Online Mode
APR	23	FRI	Class Day Online Mode	JUN	17	THU	Class Day Online Mode
APR	24	SAT	Class Day Online Mode	JUN	18	FRI	Class Day Online Mode
APR	25	SUN	Weekly Holiday	JUN	19	SAT	Class Day Online Mode
APR	26	MON	Weekly Holiday	JUN	20	SUN	Weekly Holiday
APR	27	TUE	Class Day Online Mode	JUN	21	MON	Weekly Holiday
APR	28	WED	CA-1 Even Semester	JUN	22	TUE	Class Day Online Mode
APR	29	THU	CA-1 Even Semester	JUN	23	WED	Class Day Online Mode
APR	30	FRI	CA-1 Even Semester	JUN	24	THU	Class Day Online Mode
MAY	1	SAT	May Day	JUN	25	FRI	CA-3 Even Semester
MAY	2	SUN	Weekly Holiday	JUN	26	SAT	CA-3 Even Semester
MAY	3	MON	CA-1 Even Semester	JUN	27	SUN	Weekly Holiday
MAY	4	TUE	Class Day Online Mode	JUN	28	MON	CA-3 Even Semester
MAY	5	WED	Class Day Online Mode	JUN	29	TUE	CA-3 Even Semester
MAY	6	THU	Class Day Online Mode	JUN	30	WED	CA-3 Even Semester
MAY	7	FRI	Class Day Online Mode	JUL2021	1	THU	Class Day Online Mode
MAY	8	SAT	Class Day Online Mode	JUL	2	FRI	Class Day Online Mode
MAY	9	SUN	Rabindra Jayanti	JUL	3	SAT	Class Day Online Mode
MAY	10	MON	Weekly Holiday	JUL	4	SUN	Weekly Holiday
MAY	11	TUE	Class Day Online Mode	JUL	5	MON	Weekly Holiday
MAY	12	WED	Class Day Online Mode	JUL	6	TUE	Class Day Online Mode
MAY	13	THU	Class Day Online Mode	JUL	7	WED	Class Day Online Mode
MAY	14	FRI	Id-Ul-Fittar	JUL	8	THU	Class Day Online Mode
MAY	15	SAT	Id-Ul-Fittar Holiday Additional	JUL	9	FRI	Class Day Online Mode
MAY	16	SUN	Weekly Holiday	JUL	10	SAT	Class Day Online Mode
MAY	17	MON	Weekly Holiday	JUL	11	SUN	Weekly Holiday
MAY	18	TUE	Class Day Online Mode	JUL	12	MON	Weekly Holiday
MAY	19	WED	Class Day Online Mode	JUL	13	TUE	Class Day Online Mode
MAY	20	THU	Class Day Online Mode	JUL	14	WED	Class Day Online Mode
MAY	21	FRI	Class Day Online Mode	JUL	15	THU	Class Day Online Mode
MAY	22	SAT	Class Day Online Mode	JUL	16	FRI	Class Day Online Mode
MAY	23	SUN	Weekly Holiday	JUL	17	SAT	Class Day Online Mode
MAY	24	MON	Weekly Holiday	JUL	18	SUN	Weekly Holiday
MAY	25	TUE	Class Day Online Mode	JUL	19	MON	Weekly Holiday
MAY	26	WED	Buddha Purnima	JUL	20	TUE	Class Day Online Mode
MAY	27	THU	CA-2 & PCA-1 Even Semester	JUL	21	WED	CA-4 & PCA-2 Even Semester
MAY	28	FRI	CA-2 & PCA-1 Even Semester	JUL	22	THU	CA-4 & PCA-2 Even Semester
MAY	29	SAT	CA-2 & PCA-1 Even Semester	JUL	23	FRI	CA-4 & PCA-2 Even Semester
MAY	30	SUN	Weekly Holiday	JUL	24	SAT	CA-4 & PCA-2 Even Semester
MAY	31	MON	CA-2 & PCA-1 Even Semester	JUL	25	SUN	Weekly Holiday
JUN	1	TUE	Class Day Online Mode	JUL	26	MON	Weekly Holiday
JUN	2	WED	Class Day Online Mode	JUL	27	TUE	Semester Break
JUN	3	THU	Class Day Online Mode	JUL	28	WED	Semester Break
JUN	4	FRI	Class Day Online Mode	JUL	29	THU	Semester Break
JUN	5	SAT	Class Day Online Mode	JUL	30	FRI	Semester Break
JUN	6	SUN	Weekly Holiday	JUL	31	SAT	Semester Break
JUN	7	MON	Weekly Holiday				
JUN	8	TUE	Class Day Online Mode				
JUN	9	WED	Class Day Online Mode				
JUN	10	THU	Class Day Online Mode				
JUN	11	FRI	Class Day Online Mode				
JUN	12	SAT	Class Day Online Mode				


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Swami Vivekananda Institute of Science & Technology

Academic Calendar July 2021 – December 2021

Month	Date	Day	Particulars
JUL2021	1	THU	Class Day Online Mode
JUL	2	FRI	Class Day Online Mode
JUL	3	SAT	Class Day Online Mode
JUL	4	SUN	Weekly Holiday
JUL	5	MON	Weekly Holiday
JUL	6	TUE	Class Day Online Mode
JUL	7	WED	Class Day Online Mode
JUL	8	THU	Class Day Online Mode
JUL	9	FRI	Class Day Online Mode
JUL	10	SAT	Class Day Online Mode
JUL	11	SUN	Weekly Holiday
JUL	12	MON	Weekly Holiday
JUL	13	TUE	Class Day Online Mode
JUL	14	WED	Class Day Online Mode
JUL	15	THU	Class Day Online Mode
JUL	16	FRI	Class Day Online Mode
JUL	17	SAT	Class Day Online Mode
JUL	18	SUN	Weekly Holiday
JUL	19	MON	Weekly Holiday
JUL	20	TUE	Class Day Online Mode
JUL	21	WED	CA-4 & PCA-2 Even Semester
JUL	22	THU	CA-4 & PCA-2 Even Semester
JUL	23	FRI	CA-4 & PCA-2 Even Semester
JUL	24	SAT	CA-4 & PCA-2 Even Semester
JUL	25	SUN	Weekly Holiday
JUL	26	MON	Weekly Holiday
JUL	27	TUE	Semester Break
JUL	28	WED	Semester Break
JUL	29	THU	Semester Break
JUL	30	FRI	Semester Break
JUL	31	SAT	Semester Break
AUG	1	SUN	Weekly Holiday
AUG	2	MON	Weekly Holiday
AUG	3	TUE	Class start New ODD Semester
AUG	4	WED	Class Day Online Mode
AUG	5	THU	Class Day Online Mode
AUG	6	FRI	Class Day Online Mode
AUG	7	SAT	Class Day Online Mode
AUG	8	SUN	Weekly Holiday
AUG	9	MON	Weekly Holiday
AUG	10	TUE	Class Day Online Mode
AUG	11	WED	Class Day Online Mode
AUG	12	THU	Class Day Online Mode
AUG	13	FRI	Class Day Online Mode
AUG	14	SAT	Class Day Online Mode
AUG	15	SUN	Independence Day Celebration
AUG	16	MON	Weekly Holiday
AUG	17	TUE	Class Day Online Mode
AUG	18	WED	Class Day Online Mode
AUG	19	THU	Muharam
AUG	20	FRI	Class Day Online Mode
AUG	21	SAT	Class Day Online Mode
AUG	22	SUN	Weekly Holiday
AUG	23	MON	Weekly Holiday

Month	Date	Day	Particulars
AUG	24	TUE	Class Day Online Mode
AUG	25	WED	Class Day Online Mode
AUG	26	THU	Class Day Online Mode
AUG	27	FRI	Class Day Online Mode
AUG	28	SAT	Class Day Online Mode
AUG	29	SUN	Weekly Holiday
AUG	30	MON	Janmastami
AUG	31	TUE	Class Day Online Mode
SEP	1	WED	Class Day Online Mode
SEP	2	THU	1st Year Orientation & Class Day
SEP	3	FRI	1st Year Orientation & Class Day
SEP	4	SAT	1st Year Orientation & Class Day
SEP	5	SUN	Weekly Holiday
SEP	6	MON	Weekly Holiday
SEP	7	TUE	Class Day Online Mode
SEP	8	WED	Class Day Online Mode
SEP	9	THU	Class Day Online Mode
SEP	10	FRI	Class Day Online Mode
SEP	11	SAT	Class Day Online Mode
SEP	12	SUN	Weekly Holiday
SEP	13	MON	Weekly Holiday
SEP	14	TUE	Class Day Online Mode
SEP	15	WED	Class Day Online Mode
SEP	16	THU	Class Day Online Mode
SEP	17	FRI	Viswakarma Puja
SEP	18	SAT	Additional Holiday
SEP	19	SUN	Weekly Holiday
SEP	20	MON	Weekly Holiday
SEP	21	TUE	Class Day Online Mode
SEP	22	WED	Class Day Online Mode
SEP	23	THU	Class Day Online Mode
SEP	24	FRI	Class Day Online Mode
SEP	25	SAT	Class Day Online Mode
SEP	26	SUN	Weekly Holiday
SEP	27	MON	Weekly Holiday
SEP	28	TUE	Class Day Online Mode
SEP	29	WED	Class Day Online Mode
SEP	30	THU	Class Day Online Mode
OCT	1	FRI	CA-1 ODD Semester
OCT	2	SAT	Gandhi Jayanti
OCT	3	SUN	Weekly Holiday
OCT	4	MON	CA-1 ODD Semester
OCT	5	TUE	Class Day Online Mode
OCT	6	WED	Mahalaya
OCT	7	THU	Class Day Online Mode
OCT	8	FRI	Class Day Online Mode
OCT	9	SAT	Class Day Online Mode
OCT	10	SUN	Weekly Holiday
OCT	11	MON	Durga Puja Holiday
OCT	12	TUE	Durga Puja Holiday
OCT	13	WED	Durga Puja Holiday
OCT	14	THU	Durga Puja Holiday
OCT	15	FRI	Durga Puja Holiday
OCT	16	SAT	Durga Puja Holiday

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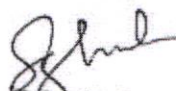
Academic Calendar July 2021 – December 2021

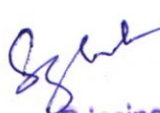
OCT	17	SUN	Weekly Holiday
OCT	18	MON	Weekly Holiday
OCT	19	TUE	Fateha-Doaz-Daham
OCT	20	WED	Lakshmi Puja
OCT	21	THU	Additional Lakshmi Puja Holiday
OCT	22	FRI	Additional Lakshmi Puja Holiday
OCT	23	SAT	Additional Lakshmi Puja Holiday
OCT	24	SUN	Weekly Holiday
OCT	25	MON	Weekly Holiday
OCT	26	TUE	Class Day Online Mode
OCT	27	WED	Class Day Online Mode
OCT	28	THU	Class Day Online Mode
OCT	29	FRI	Class Day Online Mode
OCT	30	SAT	Class Day Online Mode
OCT	31	SUN	Weekly Holiday
NOV	1	MON	CA-2 & PCA-1 Odd Semester
NOV	2	TUE	CA-2 & PCA-1 Odd Semester
NOV	3	WED	CA-2 & PCA-1 Odd Semester
NOV	4	THU	Kali Puja
NOV	5	FRI	Diwali
NOV	6	SAT	Bhatri Dwitiya
NOV	7	SUN	Weekly Holiday
NOV	8	MON	Weekly Holiday
NOV	9	TUE	Day before Chhat Puja Holiday
NOV	10	WED	Chhat Puja Holiday
NOV	11	THU	Maulana Abul kalam Azad (BD)
NOV	12	FRI	Class Day Online Mode
NOV	13	SAT	Class Day Online Mode
NOV	14	SUN	Class Day Online Mode
NOV	15	MON	Class Day Online Mode
NOV	16	TUE	Class Day Online Mode
NOV	17	WED	Class Day Online Mode
NOV	18	THU	Class Day Online Mode
NOV	19	FRI	Gururanak Jayanti
NOV	20	SAT	Class Day Online Mode
NOV	21	SUN	Class Day Online Mode
NOV	22	MON	Weekly Holiday
NOV	23	TUE	Weekly Holiday
NOV	24	WED	Class Day Online Mode
NOV	25	THU	Class Day Online Mode
NOV	26	FRI	Class Day Online Mode
NOV	27	SAT	Class Day Online Mode
NOV	28	SUN	Weekly Holiday
NOV	29	MON	Weekly Holiday
NOV	30	TUE	Class Day Online Mode
DEC	1	WED	CA-3 Odd Semester
DEC	2	THU	CA-3 Odd Semester
DEC	3	FRI	CA-3 Odd Semester
DEC	4	SAT	CA-3 Odd Semester
DEC	5	SUN	Weekly Holiday
DEC	6	MON	Weekly Holiday
DEC	7	TUE	Class Day Online Mode
DEC	8	WED	Class Day Online Mode
DEC	9	THU	Class Day Online Mode
DEC	10	FRI	Class Day Online Mode
DEC	11	SAT	Class Day Online Mode
DEC	12	SUN	Weekly Holiday
DEC	13	MON	Weekly Holiday
DEC	14	TUE	Class Day Online Mode
DEC	15	WED	Class Day Online Mode
DEC	16	THU	Class Day Online Mode
DEC	17	FRI	Class Day Online Mode
DEC	18	SAT	Class Day Online Mode
DEC	19	SUN	Weekly Holiday
DEC	20	MON	Weekly Holiday
DEC	21	TUE	Class Day Online Mode
DEC	22	WED	Class Day Online Mode
DEC	23	THU	Class Day Online Mode
DEC	24	FRI	Class Day Online Mode
DEC	25	SAT	Christmas Day
DEC	26	SUN	Weekly Holiday
DEC	27	MON	Weekly Holiday
DEC	28	TUE	Winter Recess
DEC	29	WED	Winter Recess
DEC	30	THU	Winter Recess
DEC	31	FRI	Winter Recess

The Academic Calendar is subject to modification after the declaration of the University Academic Calendar.

Note:

- Normally Sunday and Monday will be weekly Holidays. (Except any special cases)
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Swami Vivekananda Institute of Science & Technology

Academic Calendar Jan2022 – June 2022

Month	Date	Day	Particulars
JAN2022	1	SAT	<i>New Year's Day</i>
JAN	2	SUN	<i>Weekly Holiday</i>
JAN	3	MON	<i>Weekly Holiday</i>
JAN	4	TUE	<i>Winter Vacation</i>
JAN	5	WED	<i>Winter Vacation</i>
JAN	6	THU	<i>Winter Vacation</i>
JAN	7	FRI	<i>Winter Vacation</i>
JAN	8	SAT	<i>Winter Vacation</i>
JAN	9	SUN	<i>Weekly Holiday</i>
JAN	10	MON	<i>Weekly Holiday</i>
JAN	11	TUE	<i>Winter Vacation</i>
JAN	12	WED	<i>Vivekananda's Birth day Celebr..</i>
JAN	13	THU	Class Start Online Mode
JAN	14	FRI	Class Day Online Mode
JAN	15	SAT	Class Day Online Mode
JAN	16	SUN	<i>Weekly Holiday</i>
JAN	17	MON	<i>Weekly Holiday</i>
JAN	18	TUE	Class Day Online Mode
JAN	19	WED	Class Day Online Mode
JAN	20	THU	Class Day Online Mode
JAN	21	FRI	Class Day Online Mode
JAN	22	SAT	Class Day Online Mode
JAN	23	SUN	<i>Netaji's Birthday Celebration</i>
JAN	24	MON	<i>Weekly Holiday</i>
JAN	25	TUE	Class Day Online Mode
JAN	26	WED	<i>Republic Day Celebration</i>
JAN	27	THU	Class Day Online Mode
JAN	28	FRI	Class Day Online Mode
JAN	29	SAT	Class Day Online Mode
JAN	30	SUN	<i>Weekly Holiday</i>
JAN	31	MON	<i>Weekly Holiday</i>
FEB	1	TUE	Class Day Online Mode
FEB	2	WED	Class Day Online Mode
FEB	3	THU	Class Day Online Mode
FEB	4	FRI	<i>Day before Saraswati Puja</i>
FEB	5	SAT	<i>Saraswati Puja Celebration</i>
FEB	6	SUN	<i>Saraswati idol immerston</i>
FEB	7	MON	<i>Weekly Holiday</i>
FEB	8	TUE	Class Start offline Mode
FEB	9	WED	Class Day offline Mode
FEB	10	THU	Class Day offline Mode
FEB	11	FRI	Class Day offline Mode
FEB	12	SAT	Class Day offline Mode
FEB	13	SUN	<i>Weekly Holiday</i>
FEB	14	MON	<i>Weekly Holiday</i>
FEB	15	TUE	Class Day offline Mode
FEB	16	WED	Class Day offline Mode
FEB	17	THU	Class Day offline Mode
FEB	18	FRI	Class Day offline Mode
FEB	19	SAT	Class Day Online Mode
FEB	20	SUN	<i>Weekly Holiday</i>
FEB	21	MON	<i>Weekly Holiday</i>
FEB	22	TUE	Class Day offline Mode

Month	Date	Day	Particulars
FEB	24	THU	Class Day offline Mode
FEB	25	FRI	Class Day offline Mode
FEB	26	SAT	Class Day offline Mode
FEB	27	SUN	<i>Weekly Holiday</i>
FEB	28	MON	<i>Weekly Holiday</i>
MAR	1	TUE	<i>Shivratri Holiday</i>
MAR	2	WED	CA- 1 Even Semester
MAR	3	THU	CA- 1 Even Semester
MAR	4	FRI	CA- 1 Even Semester
MAR	5	SAT	Class Day offline Mode
MAR	6	SUN	<i>Weekly Holiday</i>
MAR	7	MON	<i>Weekly Holiday</i>
MAR	8	TUE	Class Day offline Mode
MAR	9	WED	Class Day offline Mode
MAR	10	THU	Class Day offline Mode
MAR	11	FRI	Class Day offline Mode
MAR	12	SAT	Class Day offline Mode
MAR	13	SUN	<i>Weekly Holiday</i>
MAR	14	MON	<i>Weekly Holiday</i>
MAR	15	TUE	Class Day offline Mode
MAR	16	WED	Class Day offline Mode
MAR	17	THU	Class Day offline Mode
MAR	18	FRI	<i>Dol Yatra</i>
MAR	19	SAT	<i>Holi</i>
MAR	20	SUN	<i>Weekly Holiday</i>
MAR	21	MON	<i>Weekly Holiday</i>
MAR	22	TUE	Class Day offline Mode
MAR	23	WED	Class Day offline Mode
MAR	24	THU	Class Day offline Mode
MAR	25	FRI	Class Day offline Mode
MAR	26	SAT	Class Day offline Mode
MAR	27	SUN	<i>Weekly Holiday</i>
MAR	28	MON	<i>Weekly Holiday</i>
MAR	29	TUE	Class Day offline Mode
MAR	30	WED	Class Day offline Mode
MAR	31	THU	Class Day offline Mode
APR	1	FRI	Class Day offline Mode
APR	2	SAT	Class Day offline Mode
APR	3	SUN	<i>Weekly Holiday</i>
APR	4	MON	<i>Weekly Holiday</i>
APR	5	TUE	CA- 2 Even Semester
APR	6	WED	CA- 2 Even Semester
APR	7	THU	CA- 2 Even Semester
APR	8	FRI	CA- 2 Even Semester
APR	9	SAT	Class Day offline Mode
APR	10	SUN	<i>Hari Chand Thakur B.Day</i>
APR	11	MON	<i>Weekly Holiday</i>
APR	12	TUE	Class Day offline Mode
APR	13	WED	Class Day offline Mode
APR	14	THU	<i>Birthday of Dr.B.R.Ambedkar</i>
APR	15	FRI	<i>Good Friday/ Nababarsha</i>
APR	16	SAT	<i>Additional Holiday</i>
APR	17	SUN	<i>Weekly Holiday</i>

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Academic Calendar Jan2022 – June 2022

FEB	23	WED	Class Day offline Mode
APR	19	TUE	Class Day offline Mode
APR	20	WED	Class Day offline Mode
APR	21	THU	Class Day offline Mode
APR	22	FRI	Class Day offline Mode
APR	23	SAT	Class Day offline Mode
APR	24	SUN	Weekly Holiday
APR	25	MON	Weekly Holiday
APR	26	TUE	Class Day offline Mode
APR	27	WED	Class Day offline Mode
APR	28	THU	Class Day offline Mode
APR	29	FRI	Class Day offline Mode
APR	30	SAT	Class Day offline Mode
MAY	1	SUN	May Day
MAY	2	MON	Weekly Holiday
MAY	3	TUE	Id-Ui-Fittar
MAY	4	WED	Id-Ui-Fittar Holiday Additional
MAY	5	THU	CA- 3 Even Semester
MAY	6	FRI	CA- 3 Even Semester
MAY	7	SAT	CA- 3 Even Semester
MAY	8	SUN	Weekly Holiday
MAY	9	MON	Rabindra Jayanti
MAY	10	TUE	Class Day offline Mode
MAY	11	WED	Class Day offline Mode
MAY	12	THU	Class Day offline Mode
MAY	13	FRI	Tech Fest
MAY	14	SAT	Tech Fest
MAY	15	SUN	Weekly Holiday
MAY	16	MON	Buddha Purnima
MAY	17	TUE	Class Day offline Mode
MAY	18	WED	Class Day offline Mode
MAY	19	THU	Class Day offline Mode
MAY	20	FRI	Class Day offline Mode
MAY	21	SAT	Class Day offline Mode
MAY	22	SUN	Weekly Holiday
MAY	23	MON	Weekly Holiday
MAY	24	TUE	Class Day offline Mode
MAY	25	WED	CA- 4 Even Semester
MAY	26	THU	CA- 4 Even Semester
MAY	27	FRI	CA- 4 Even Semester
MAY	28	SAT	CA- 4 Even Semester
MAY	29	SUN	Weekly Holiday
MAY	30	MON	Weekly Holiday
MAY	31	TUE	Class Day offline Mode
JUN	1	WED	Class Day offline Mode
JUN	2	THU	Class Day offline Mode
JUN	3	FRI	Class Day offline Mode
JUN	4	SAT	Class Day offline Mode
JUN	5	SUN	Weekly Holiday
JUN	6	MON	Weekly Holiday
JUN	7	TUE	Class Day offline Mode
JUN	8	WED	Teaching Ends
JUN	9	THU	Cultural Fest
JUN	10	FRI	Cultural Fest
JUN	11	SAT	Fest Holiday
JUN	12	SUN	Weekly Holiday
APR	18	MON	Weekly Holiday
JUN	13	MON	Makaut Practical Exam online
JUN	14	TUE	Makaut Practical Exam online
JUN	15	WED	Makaut Practical Exam online
JUN	16	THU	Makaut Practical Exam online
JUN	17	FRI	Makaut Practical Exam online
JUN	18	SAT	College Day
JUN	19	SUN	Weekly Holiday
JUN	20	MON	Makaut Theory Exam Online
JUN	21	TUE	Makaut Theory Exam Online
JUN	22	WED	Makaut Theory Exam Online
JUN	23	THU	Makaut Theory Exam Online
JUN	24	FRI	Makaut Theory Exam Online
JUN	25	SAT	Makaut Theory Exam Online
JUN	26	SUN	Weekly Holiday
JUN	27	MON	Makaut Theory Exam Online
JUN	28	TUE	Makaut Theory Exam Online
JUN	29	WED	Makaut Theory Exam Online
JUN	30	THU	Summer vacation Start

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Swami Vivekananda Institute of Science & Technology

Academic Calendar July 2022 – December 2022

Month	Date	Day	Particulars
JUL2022	1	FRI	Rathayatra
JUL	2	SAT	Semester Break
JUL	3	SUN	Weekly Holiday
JUL	4	MON	Weekly Holiday
JUL	5	TUE	Semester Break
JUL	6	WED	Semester Break
JUL	7	THU	Semester Break
JUL	8	FRI	Semester Break
JUL	9	SAT	Semester Break
JUL	10	SUN	Id-Ud-Zoha
JUL	11	MON	Weekly Holiday
JUL	12	TUE	Semester Break
JUL	13	WED	Semester Break
JUL	14	THU	Semester Break
JUL	15	FRI	Semester Break
JUL	16	SAT	Semester Break
JUL	17	SUN	Weekly Holiday
JUL	18	MON	Weekly Holiday
JUL	19	TUE	Class start New ODD Semester
JUL	20	WED	Class Day
JUL	21	THU	Class Day
JUL	22	FRI	Class Day
JUL	23	SAT	Class Day
JUL	24	SUN	Weekly Holiday
JUL	25	MON	Weekly Holiday
JUL	26	TUE	Class Day
JUL	27	WED	Class Day
JUL	28	THU	Class Day
JUL	29	FRI	Class Day
JUL	30	SAT	Class Day
JUL	31	SUN	Weekly Holiday
AUG	1	MON	Weekly Holiday
AUG	2	TUE	Class Day
AUG	3	WED	Class Day
AUG	4	THU	Class Day
AUG	5	FRI	Class Day
AUG	6	SAT	Class Day
AUG	7	SUN	Weekly Holiday
AUG	8	MON	Weekly Holiday
AUG	9	TUE	Muharam
AUG	10	WED	Class Day
AUG	11	THU	Raksha bandhan Holiday
AUG	12	FRI	Class Day
AUG	13	SAT	Class Day
AUG	14	SUN	Weekly Holiday
AUG	15	MON	Independence Day Celebration
AUG	16	TUE	Class Day
AUG	17	WED	Class Day
AUG	18	THU	Class Day
AUG	19	FRI	Janmastami
AUG	20	SAT	Class Day Online Mode
AUG	21	SUN	Weekly Holiday
AUG	22	MON	Weekly Holiday
AUG	23	TUE	Class Day

Month	Date	Day	Particulars
AUG	24	WED	Class Day
AUG	25	THU	Class Day
AUG	26	FRI	Class Day
AUG	27	SAT	Class Day
AUG	28	SUN	Weekly Holiday
AUG	29	MON	Weekly Holiday
AUG	30	TUE	Class Day
AUG	31	WED	Class Day
SEP	1	THU	1 st Year Orientation & Class Day
SEP	2	FRI	Class Day
SEP	3	SAT	Class Day
SEP	4	SUN	Weekly Holiday
SEP	5	MON	Weekly Holiday
SEP	6	TUE	Class Day /PCA1
SEP	7	WED	Class Day /PCA1
SEP	8	THU	Class Day /PCA1
SEP	9	FRI	Class Day /PCA1
SEP	10	SAT	Class Day
SEP	11	SUN	Weekly Holiday
SEP	12	MON	Weekly Holiday
SEP	13	TUE	Class Day
SEP	14	WED	Class Day
SEP	15	THU	Class Day
SEP	16	FRI	Class Day
SEP	17	SAT	Viswakarma Puja
SEP	18	SUN	Weekly Holiday
SEP	19	MON	Weekly Holiday
SEP	20	TUE	Class Day
SEP	21	WED	Class Day
SEP	22	THU	CA-3 EXM
SEP	23	FRI	CA-3 EXM
SEP	24	SAT	CA-3 EXM
SEP	25	SUN	Mahalaya
SEP	26	MON	Weekly Holiday
SEP	27	TUE	Class Day
SEP	28	WED	Class Day
SEP	29	THU	Class Day
SEP	30	FRI	Durga Puja Holiday
OCT	1	SAT	Durga Puja Holiday
OCT	2	SUN	Gandhi Jayanti
OCT	3	MON	Weekly Holiday
OCT	4	TUE	Durga Puja Holiday
OCT	5	WED	Durga Puja Holiday
OCT	6	THU	Durga Puja Holiday
OCT	7	FRI	Durga Puja Holiday
OCT	8	SAT	Durga Puja Holiday
OCT	9	SUN	Lakshmi Puja & Fateha-Doaz-Daham
OCT	10	MON	Weekly Holiday
OCT	11	TUE	Class Day
OCT	12	WED	Class Day
OCT	13	THU	Class Day
OCT	14	FRI	Class Day
OCT	15	SAT	Class Day
OCT	16	SUN	Weekly Holiday

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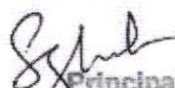
Academic Calendar July 2022 – December 2022

OCT	17	MON	Weekly Holiday
OCT	18	TUE	Class Day
OCT	19	WED	Class Day
OCT	20	THU	Class Day
OCT	21	FRI	Class Day
OCT	22	SAT	Class Day
OCT	23	SUN	Weekly Holiday
OCT	24	MON	Kali Puja
OCT	25	TUE	Diwali
OCT	26	WED	Additional Kali Puja Holiday
OCT	27	THU	Bhatri Dwitiya
OCT	28	FRI	Class Day
OCT	29	SAT	Class Day
OCT	30	SUN	Chhat Puja Holiday
OCT	31	MON	Weekly Holiday
NOV	1	TUE	Class Day
NOV	2	WED	Class Day
NOV	3	THU	Class Day
NOV	4	FRI	Class Day
NOV	5	SAT	Class Day
NOV	6	SUN	Weekly Holiday
NOV	7	MON	Weekly Holiday
NOV	8	TUE	Gurunanak Jayanti
NOV	9	WED	CA4 EXM / PCA2
NOV	10	THU	CA4 EXM / PCA2
NOV	11	FRI	CA4 EXM / PCA2
NOV	12	SAT	CA4 EXM / PCA2
NOV	13	SUN	Weekly Holiday
NOV	14	MON	Weekly Holiday
NOV	15	TUE	Class Day
NOV	16	WED	Class Day
NOV	17	THU	Class Day
NOV	18	FRI	Class Day
NOV	19	SAT	Class Day
NOV	20	SUN	Weekly Holiday
NOV	21	MON	Weekly Holiday
NOV	22	TUE	Class Day 1 st & 2 nd Year
NOV	23	WED	Class Day 1 st & 2 nd Year
NOV	24	THU	Class Day 1 st & 2 nd Year
NOV	25	FRI	Makaut Practical Exam Offline
NOV	26	SAT	Makaut Practical Exam Offline
NOV	27	SUN	Weekly Holiday
NOV	28	MON	Makaut Practical Exam Offline
NOV	29	TUE	Makaut Practical Exam Offline
NOV	30	WED	Makaut Practical Exam Offline
DEC	1	THU	Class Day 1 st & 2 nd Year
DEC	2	FRI	Makaut Theory Exam Offline
DEC	3	SAT	Makaut Theory Exam Offline
DEC	4	SUN	Weekly Holiday
DEC	5	MON	Makaut Theory Exam Offline
DEC	6	TUE	Makaut Theory Exam Offline
DEC	7	WED	Makaut Theory Exam Offline
DEC	8	THU	Makaut Theory Exam Offline
DEC	9	FRI	Makaut Theory Exam Offline
DEC	10	SAT	Makaut Theory Exam Offline
DEC	11	SUN	Weekly Holiday
DEC	12	MON	Makaut Theory Exam Offline
DEC	13	TUE	Makaut Theory Exam Offline
DEC	14	WED	Makaut Theory Exam Offline
DEC	15	THU	Makaut Theory Exam Offline
DEC	16	FRI	Makaut Theory Exam Offline
DEC	17	SAT	Makaut Theory Exam Offline
DEC	18	SUN	Weekly Holiday
DEC	19	MON	Makaut Theory Exam Offline
DEC	20	TUE	Makaut Theory Exam Offline
DEC	21	WED	Makaut Theory Exam Offline
DEC	22	THU	Makaut Theory Exam Offline
DEC	23	FRI	College Day
DEC	24	SAT	College Day
DEC	25	SUN	Christmas Day
DEC	26	MON	Weekly Holiday
DEC	27	TUE	Winter Recess
DEC	28	WED	Winter Recess
DEC	29	THU	Winter Recess
DEC	30	FRI	Winter Recess
DEC	31	SAT	Winter Recess

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P.S.- Sonarpur, Kolkata-145



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Academic Calendar January 2023 – June 2023

Month	Date	Day	Particulars
January	1	Sunday	Weekly off
January	2	Monday	Weekly off
January	3	Tuesday	Winter recess
January	4	Wednesday	Winter recess
January	5	Thursday	Winter recess
January	6	Friday	Winter recess
January	7	Saturday	Winter recess
January	8	Sunday	Weekly off
January	9	Monday	Weekly off
January	10	Tuesday	Class day
January	11	Wednesday	Class day
January	12	Thursday	Birth day of Swami Vivekananda
January	13	Friday	Class day
January	14	Saturday	Class day
January	15	Sunday	Weekly off
January	16	Monday	Weekly off
January	17	Tuesday	Class day
January	18	Wednesday	Class day
January	19	Thursday	Class day
January	20	Friday	Class day
January	21	Saturday	Class day
January	22	Sunday	Weekly off
January	23	Monday	Weekly off (Birthday of Netaji)
January	24	Tuesday	Class day
January	25	Wednesday	Day before Saraswati puja
January	26	Thursday	Republic day
January	27	Friday	Class day
January	28	Saturday	Class day
January	29	Sunday	Weekly off
January	30	Monday	Weekly off
January	31	Tuesday	Class day
February	1	Wednesday	CA-1 EXM
February	2	Thursday	CA-1 EXM
February	3	Friday	CA-1 EXM
February	4	Saturday	CA-1 EXM
February	5	Sunday	Weekly off
February	6	Monday	Weekly off
February	7	Tuesday	Class day
February	8	Wednesday	Class day
February	9	Thursday	Class day
February	10	Friday	Class day
February	11	Saturday	Class day
February	12	Sunday	Weekly off
February	13	Monday	Weekly off
February	14	Tuesday	Birthday of Thakur Panchanan Berma
February	15	Wednesday	Class day
February	16	Thursday	Class day
February	17	Friday	Class day
February	18	Saturday	Shivaratri
February	19	Sunday	Weekly off
February	20	Monday	Weekly off
February	21	Tuesday	Class day
February	22	Wednesday	Class day
February	23	Thursday	Class day
February	24	Friday	Class day
February	25	Saturday	Activity for Plastic free Campus
February	26	Sunday	Weekly off
February	27	Monday	Weekly off
February	28	Tuesday	Class day
March	1	Wednesday	CA-2 EXM
March	2	Thursday	CA-2 EXM Tree Plantation
March	3	Friday	CA-2 EXM
March	4	Saturday	CA-2 EXM Vasanta Utsav

Month	Date	Day	Particulars
March	5	Sunday	Weekly off
March	6	Monday	Weekly off
March	7	Tuesday	Doljatra
March	8	Wednesday	Holi (Day after Doljatra)
March	9	Thursday	Class day
March	10	Friday	Class day
March	11	Saturday	Class day
March	12	Sunday	Weekly off
March	13	Monday	Weekly off
March	14	Tuesday	Class day
March	15	Wednesday	Class day
March	16	Thursday	Class day
March	17	Friday	Class day
March	18	Saturday	Class day
March	19	Sunday	Weekly off
March	20	Monday	Weekly off
March	21	Tuesday	Class day
March	22	Wednesday	Class day
March	23	Thursday	Class day
March	24	Friday	CA-3 EXM
March	25	Saturday	CA-3 EXM
March	26	Sunday	Weekly off
March	27	Monday	Weekly off
March	28	Tuesday	CA-3 EXM
March	29	Wednesday	CA-3 EXM
March	30	Thursday	Class day
March	31	Friday	Class day
April	1	Saturday	Class day
April	2	Sunday	Weekly off
April	3	Monday	Weekly off
April	4	Tuesday	Mahabir Jayanti
April	5	Wednesday	Class day
April	6	Thursday	Class day
April	7	Friday	Good Friday
April	8	Saturday	Class day
April	9	Sunday	Weekly off
April	10	Monday	Weekly off
April	11	Tuesday	Class day
April	12	Wednesday	Class day
April	13	Thursday	Class day
April	14	Friday	Birthday of Dr. B.R.Ambedkar
April	15	Saturday	Bengali new year's Day (Nababarsa)
April	16	Sunday	Weekly off
April	17	Monday	Weekly off
April	18	Tuesday	Class day
April	19	Wednesday	Class day
April	20	Thursday	Class day
April	21	Friday	Day before Id-Ul-Fitar
April	22	Saturday	Id-Ul-Fitar
April	23	Sunday	Weekly off
April	24	Monday	Weekly off
April	25	Tuesday	Class day
April	26	Wednesday	Class day
April	27	Thursday	Tech Fest
April	28	Friday	Tech Fest
April	29	Saturday	Class day
April	30	Sunday	Weekly off
May	1	Monday	Weekly off (May Day)
May	2	Tuesday	CA-4 EXM
May	3	Wednesday	CA-4 EXM
May	4	Thursday	CA-4 EXM
May	5	Friday	Buddha Purnima
May	6	Saturday	CA-4 EXM
May	7	Sunday	Weekly off

Swami Vivekananda Institute of Science & Technology

Academic Calendar January 2023 – June 2023

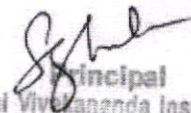
May	8	Monday	Weekly off
May	9	Tuesday	Birthday of Rabindranath Tagore
May	10	Wednesday	Blood Donation
May	11	Thursday	Class day
May	12	Friday	Class day
May	13	Saturday	Class day
May	14	Sunday	Weekly off
May	15	Monday	Weekly off
May	16	Tuesday	Class day
May	17	Wednesday	Class day
May	18	Thursday	Class day
May	19	Friday	Fest
May	20	Saturday	Fest
May	21	Sunday	Weekly off
May	22	Monday	Weekly off
May	23	Tuesday	Practical exam
May	24	Wednesday	Practical exam
May	25	Thursday	Practical exam
May	26	Friday	Practical exam
May	27	Saturday	Practical exam
May	28	Sunday	Weekly off
May	29	Monday	Weekly off
May	30	Tuesday	Practical exam
May	31	Wednesday	Practical exam
June	1	Thursday	Theory Exam
June	2	Friday	Theory Exam
June	3	Saturday	Theory Exam
June	4	Sunday	Weekly off
June	5	Monday	Theory Exam
June	6	Tuesday	Theory Exam
June	7	Wednesday	Theory Exam
June	8	Thursday	Theory Exam
June	9	Friday	Theory Exam
June	10	Saturday	Theory Exam
June	11	Sunday	Weekly off
June	12	Monday	Theory Exam
June	13	Tuesday	Theory Exam
June	14	Wednesday	Theory Exam
June	15	Thursday	Theory Exam
June	16	Friday	Theory Exam
June	17	Saturday	Theory Exam
June	18	Sunday	Weekly off
June	19	Monday	Theory Exam
June	20	Tuesday	Theory Exam
June	21	Wednesday	Semester Break
June	22	Thursday	Semester Break
June	23	Friday	Semester Break
June	24	Saturday	Semester Break
June	25	Sunday	Weekly off

June	26	Monday	Weekly off
June	27	Tuesday	Semester Break
June	28	Wednesday	Semester Break
June	29	Thursday	Id –ud– Zoha(Bakrid)
June	30	Friday	Semester Break

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Class Routine for B.Tech 2nd Year 3rd Semester w.e.f 17.07.2018

Time	10:30 – 11:20	11:20 – 12:10	12:10 – 01:00	01:00 – 01:40	01:40 – 02:30	02:30 – 03:20	03:20 – 04:10	04:10 – 05:00
Tuesday	HU-301 DC	PH-301 SBL	CS-303 PR	B	CS-302 PG	CS-392 G1 PG, BBH CS-393 G2 PR, IS		
Wednesday	CH-301 APD	CH-301 MM	CS-302 PG	R	PH-301 SBL	CS-392 G2 PG, BBH CS-391 G1 DM, ST		
Thursday	HU-301 DC	CS-302 PG		E	CS-303 PR	PH-391 G1 SBL, DB CS-391 G2 DM, APM		
Friday	CH-301 PM	CS-303 PR		A	CS-301 DM	PH-301 PPN		Tutorial CS-302 PG
Saturday	PH-391 G2 SRD, DB CS-393 G1 PR, IS			K	CS-301 DM		Library	

HU-301 : Values and Ethics in Profession

PH-301 : Physics II

CH-301 : Basic Environ. Engg. & Elementary Biology

CS-301 : Analog & Digital Electronics

CS-302 : Data Structure & Algorithm

CS-303 : Computer Organization

PH-391 : Physics II Lab

CS-391 : Analog & Digital Electronics Lab

CS-392 : Data Structure & Algorithm Lab

CS-393 : Computer Organization Lab

: DC (Debayan Chakraborty)

: PPN (Pinak Pani Nath), SBL (Saurav Bal)

: MM (Manasi Mukherjee) , APD (Arpan Dutta) , PM

: DM (Dola Mukherjee)

: PG (Pranab Gayen)

: PR (Pradipta Roy)

: SBL, SRD,

: DM (Dola Mukherjee),

: PG (Pranab Gayen),

: PR (Pradipta Roy),

DB

ST, APM

BBH (Brijit Bhattacharya)

IS(Ibrahim Sardar)

(Dr. Sonali Sarkar)

Principal

SVIST

Principal

Swami Vivekananda Institute of
Science & Technology
-Dakshin Gobindapur
P.S.- Sonarpur, Kolkata-145

(Pranab Kr. Gayen)

HOD, CSE

SVIST






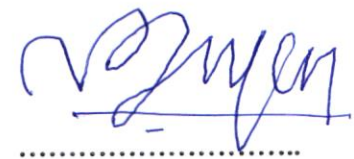
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

B. Tech. 2nd Year 4th Semester Routine w.e.f. 15/01/19 (Academic Session: Jan-Jun '2019)

Time	10:30 AM	11:20 AM	12:10 PM	01:00 PM	01:40 PM	02:30 PM	03:20 PM	04:10 PM
Day	11:20 AM	12:10 PM	01:00 PM	01:40 PM	02:30 PM	03:20 PM	04:10 PM	05:00 PM
Tuesday	M(CS)-491 Gr. - 1 Lab – 3 SP,			RECESS	CS-402 JD		M401 KD	
	CS-493 Gr. - 2 Lab – 4 PR, KRC							
Wednesday	M(CS)-491 Gr. - 2 Lab – 3 KS,				CS-403 PR	CS-401 ARD	CS-402 JD	
	HU 481 Gr. – 1 AB							
Thursday	CS-403 PR	M-401 BR			CS-401 ARD	CS-493 Gr. - 1 Lab – 4 PR, KRC		
			HU 481 Gr. – 2 AB					
Friday	CS-492 Gr. - 1 Lab – 1 JD, IS				CS-403 PR	M(CS)-401 KS		TUTORIAL CS-403 PR
	CS-491 Gr. - 2 ARD, MD							
Saturday	CS-492 Gr. - 2 Lab – 1 JD, IS				CS-403 PR	CS-401 ARD	M(CS)- 401 KS	LIBRARY
	CS-491 Gr. - 1 ARD, MD							


.....
Dr. Sonali Sarkar
Principal

Principal
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Dakshin Gobindapur
P.S.- Sonarpur, Kolkata-145



.....
Mr. Pranab Gayen
H.O.D., CSE Dept.





DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

B. Tech. 3rd Year 6th Semester Routine w.e.f 15/01/19 (Academic Session : Jan-Jun '2019)

Time	10:30 AM – 11:20 AM	11:20 AM – 12:10 PM	12:10 PM – 01:00 PM	01:00 PM – 01:40 PM	01:40 PM – 02:30 PM	02:30 PM – 03:20 PM	03:20 PM – 04:10 PM	04:10 PM – 05:00 PM
Tuesday	CS-693 Gr. – 2 Lab-1 PG, BBH		R	CS-605C BD	CS-603 PG	HU-601 DC		
	CS-691 Gr. – 1 Lab-2 ADS, SH							
Wednesday	CS-601 ADS	CS-603 PG		E	HU-601 DC	CS-692 Gr. - 1 Lab-1 PR, BB		
						CS-681 (Seminar) Gr. – 2 All available faculties		
Thursday	CS-693 Gr. - 1 Lab-1 PG, BBH		E	CS-602 PR	CS-605C BD	CS-601 ADS		
	CS-691 Gr. – 2 Lab-2 ADS, SH							
Friday	GENERAL APTI. Sanjoy Dutta 10:30-12:00		S	CS-604 B ADS	CS-692 Gr. – 2 Lab-1 PR, BB		CS-681 (Seminar) Gr. – 1 All available faculties	
					CS-602 PR			
Saturday	CS-604 B ADS		CS-605C BD	CS-602 PR	BREAK	LIBRARY	TUTORIAL CS-602, PR	

HU-601 : Principles of Management : DC (Debayan Chakraborty)
 CS-601 : Data Base Management System : ADS (Anindita Das)
 CS-602 : Computer Networks : PR (Pradipta Roy)
 CS-603 : Operating System : PG (Pranab Gayen)
 CS-604B : Computer Graphics : ADS (Anindita Das)
 CS-605C : Multimedia Technology : BD (Bikash Debnath)

CS-691 : DBMS Lab : ADS (Anindita Das), SH (Sudipta Hazra)
 CS-692 : Network Lab : PR (Pradipta Roy), BB (Basanti Bhattacharya)
 CS-693 : Operating System Lab : PG (Pranab Gayen), BBH (Brijit Bhattacharjee)

CS-681 : Seminar : All available faculties.

Dr. Sonali Sarkar
Principal

Mr. Pranab Gayen
H.O.D., CSE Dept.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Provisional Class Routine for B. Tech 2nd Year 4th Semester w.e.f. 21.02.2023

Day	Time	10:30 - 11:20	11:20 - 12:10	12:10 - 1:00	1:00 - 1:40	1:40 - 2:30	2:30 - 3:20	3:20 - 4:10	4:10 - 5:00	8:00 - 9:00
Tuesday		PCC CS-403 (FLAT) SBH	PCC CS-402 (CA) PR	B SC-401 (Biology) NG	B	PCC CS-404 (DAA) BB	Soft Skill PLG	PCC CS-401 (D. Math) KS	Tutorial PCC CS-402 (CA) PR	
Wednesday			PCC CS-492 (CA Lab) PR + BBH PCC CS-494 (DAA Lab) BB + DP	Lab-4 Gr - A Lab-2 Gr - B	R	PCC CS-402 (CA) PR	Technical Training			
	Thursday	PCC CS-404 (DAA) BBH	PCC CS-402 (CA) PR	B SC-401 (Biology) NG	E	PCC CS-401 (D. Math) SPD	PCC CS-492 (CA Lab) PR + KBH PCC CS-494 (DAA Lab) BB + AN	Lab-4 Gr - B Lab-2 Gr - A		
Friday		B SC-401 (Biology) NG	PCC CS-404 (DAA) BB	PCC CS-403 (FLAT) SBH	A	PCC CS-401 (D. Math) BR	PCC CS-404 (DAA) BB	Library	Library	
	Saturday	Soft Skill PLG	PCC CS-403 (FLAT) SBH	MC-401 (Env. Sc.) MM/AD	K	Aptitude Class JS	Library	Tutorial PCC CS-403 (FLAT) SBH		

- PCC CS-401 Discrete Mathematics** Banamali Roy (BR), Kabita Sarkar (KS),
Sandip Dutta (SPD)
PCC CS-402 Computer Architecture Pradipta Roy (PR)
- PCC CS-403 Formal Language & Automata Theory** Somasree Bhadra (SBH)
PCC CS-404 Design and Analysis of Algorithm Bijoyini Bagchi (BB), Brijit Bhattacharya (BBH)
- B SC-401 Biology** Niladri Goswami (NG)
MC-401 Environmental Sciences Manasi Mukhopadhyay (MM), Arpan Dutta (AD)
- PCC CS-492 Computer Architecture Lab**
PCC CS-494 Design and Analysis of Algorithm Lab
- Aptitude Class** Jayanta Saha (JS)
Soft Skill Palab Charami (PLG)

(Dr.) Sonali Ghosh
Principal, SVIST

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Swami Vivekananda Institute of Science & Technology
Dakshin Gobindapur
P.S.: Sonarpur, Kolkata-745



(Pradipta Roy)
HOD-CSE, SVIST

SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

CLASS ROUTINE FOR B. Tech. 2nd YEAR Batch 4th SEMESTER, FEBRUARY-JUNE 2022

Days	10:30-11:20	11:20-12:10	12:10-1:00	1:00-1:40	1:40-2:30	2:30-3:20	3:20-4:10	4:10-5:00	
Tuesday	PC ME 404 (KM)	PC ME 402 (SMS)	ES ME 401 (UM)		PC ME 403 (SD)	PC-ME 492 (ALL STUDENT) (DP, KM, SB)			
Wednesday	PC ME 404 (KM)		PC ME 401 (RKD)	LUNCH BREAK			MC 481 (AD/MM)	Library	
Thursday	PC ME 403 (AC)		ES ME 401 (SN)	PC ME 401 (RKD)			PC-ME 491 Metrology (ALL STUDENT) (RKD, NR, NB)		
Friday	PC ME 404 (RKD)	PC ME 401 (NR)	ES ME 401 (UM)	PC ME 403 (SD)			PC-ME 491 Fluid Power Control (ALL STUDENT) (SND, SMS, SB)		
Saturday	PC ME 401 (NR)	PC ME 402 (SMS)		ES ME 401 (SN)			Soft Skill (KDB)	Tutorial ES ME 401 (UM)	Tutorial PC ME 401 (NR)

S. S. S. S.
3/2/22
HOD, ME



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SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY

Dakshin Gobindapur, P.S.- Sonarpur
Kolkata - 700 145

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WBSCTE
College Code : 241
☎ 033-2437-9913
☎ Fax : 033-2437-9913
✉ info@svist.org
🌐 www.svist.org

Ref. SVIST/241/sports/L-01/23

Date. 20/08/2023.....

NOTICE

This is to notify that all students of SVIST are instructed to avail the sports facilities at our campus. You may make use of our indoor facilities like Table Tennis, Carrom etc. and outdoor facilities like Badminton, Basketball, Volleyball, Cricket, Football etc..

Schedule for availing the same is as follows: 9:00 A.M. to 10:00 A.M. and 5:30 P.M. to 6:30 P.M. on all working days. However, you are directed to contact Sports Committee members beforehand.

- Copy to:
1. All HODs
 2. Notice Board

Dr. Sonali Ghosh
Principal, SVIST

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Swami Vivekananda Institute of Science & Technology




Department of Computer Science & Engineering

Course File

Academic Year: 2022-2023

Programming For Problem Solving (ES-CS 201)


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APPROVED BY AICTE & AFFILIATED TO MAKAUT
NAAC ACCREDITED
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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5. Program Outcomes (POs)
6. Course Details, Course pre-requisites and Course objectives
7. Course outcomes (COs) and Mapping of COs with POs
8. Course Syllabus
9. Gap Identification and Contents Beyond Syllabus, Delivery or Instructional Methodologies, Assessment Methodologies
10. Timetable
11. Lesson Plan
12. Continuous Assessment – 1 (PowerPoint Presentation)
13. Continuous Assessment – 2 (Report Writing)
14. Continuous Assessment – 3 (Pen and Paper examination)
15. Continuous Assessment – 4 (Online exam by MAKAUT)
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17. Assignment – 2
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25. University Results and Result Analysis
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LESSON PLAN

(To be generated by the faculty before commencement of semester)

Name: SUDIPTO HAZRA

Designation: Assistant Professor

Course with code: Data Structure & Algorithm

Academic Year: 2018-2019

Stream: CSE

Total Number of Classes: 40

Topics to be covered	No. of Classes	Tentative Week/Month
Module-1. Linear Data Structure Introduction (2L): Why we need data structure Concepts of data structures: a) Data and data structure b) Abstract Data Type and Data Type Algorithms and programs, basic idea of pseudo-code. Algorithm efficiency and analysis-time and space analysis of algorithms-order notations.	2	3rd week of July
Array: Different representations-row major, column major. Sparse matrix. its implementation and usage. Array representation of polynomials.	2	3rd week of July
Linked List: Singly linked list. circular linked list,	2	4th week of July
doubly linked list, linked list representation of polynomial and applications	2	4th week of July
Module-II: Linear Data Structure Stack and Queue: Stack and its implementations (using array, using linked list). Applications.	2	1st week of August
Linear Queue. circular queue, dequeue. Implementation of queue- both linear and circular (using array, using linked list). Applications.	3	1st week of August
Recursion: Principles of recursion - use of stack. differences between recursion and iteration. tail recursion. Applications- The Tower of Hanoi, Eight Queens Puzzle	2	2nd week of August
Module-IV. Searching, Sorting: Sorting Algorithms: Bubble sort and its optimizations. insertion sort,	2	3rd week of August


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shell sort, selection sort, merge sort, quick sort	3	4th week of August
heap sort (concept of max heap, application- priority queue), radix sort Searching: Sequential search, binary search, interpolation search.	3	1st week of September
Graphs: Graph definitions and concepts (directed/undirected graph, weighted/unweighted edges, sub-graph, degree, cut vertex/articulation point, pendant node, clique, complete graph, connected components-strongly connected component, weakly connected component, path, shortest path, isomorphism). Graph representations/storage implementations-adjacency matrix, adjacency list, adjacency multi-list	2	2nd week of September
Graph traversal and connectivity Depth-first search (DFS), Breadth-first search (BFS)-concepts of edges used in DFS and BFS tree-edge, back-edge, cross-edge, forward-edge, applications	2	2nd week of September
Minimal spanning tree-Prim's algorithm (basic idea of greedy methods).	2	4th week of September
Module-III. Nonlinear Data structures Trees: Basic terminologies, forest, tree representation (using array, using linked list), Binary Trees: binary tree traversal (pre-, in-, post- order), threaded binary tree (left, right, fully-non-recursive traversal)	3	4th week of September
Algorithms using threaded binary trees. Expression tree. Binary search tree- operations (creation, insertion, deletion, searching).	3	1st week of October
Height balanced binary tree- AVL tree (insertion, deletion with examples only). B-Trees-operations (insertion, deletion with examples only).	3	4th week of October
Hashing: Hashing functions, collision resolution techniques.	2	1st week of November


Signature of the Faculty & Date


Signature of respective HOD & Date


Reviewed by Principal & Date

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P.S.- Sonarpur, Kolkata-145



SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY

Department of Electrical & Electronics Engineering

LESSON PLAN

Name of Faculty: Mr. Samrat Paul

Designation: Assistant Professor

Academic Year: 2020-2021

Subject: Electric Drive

Subject Code: PE EEE 701A

S.No.	Main Topics	No. of Periods	Tentative Date
1.	Electric Drive: Concept, classification, parts and advantages of electrical drives. Types of Loads, Components of load torques, Fundamental torque equations,	02	1 st week of August
2.	Equivalent value of drive parameters for loads with rotational and translational motion. Determination of moment of inertia,	01	1 st week of August
3.	Steady state stability, Transient stability. Multi-quadrant operation of drives. Load equalization.	02	2 nd week of August
4.	Motor power rating: Thermal model of motor for heating and cooling, classes of motor duty, determination of motor rating for continuous, short time and intermittent duty, equivalent current,	03	2 nd week of August
5.	Torque and power methods of determination of rating for fluctuating and intermittent loads. Effect of load inertia & environmental factors.	02	3 rd week of August
6.	Stating of Electric Drives: Effect of starting on Power supply, motor and load. Methods of stating of electric motors.	02	3 rd week of August
7.	Acceleration time Energy relation during starting, methods to reduce the Energy loss during starting.	02	4 th week of August
8.	Braking of Electric Drives: Types of braking, braking of DC motor,	02	4 th week of August
9.	Induction motor and Synchronous motor, Energy loss during braking,	02	1 st week of September
10.	DC motor drives: Modeling of DC motors, State space modeling, block diagram & Transfer function,	02	1 st week of September
11.	Single phase, three phases fully controlled and half controlled DC drives. Dual converter control of DC drives.	02	3 rd week of September
12.	Power factor, supply harmonics and ripple in motor current chopper controlled DC motor drives	02	3 rd week of September
13.	Induction motor drives: Stator voltage variation by three phase controllers, Speed control using chopper resistance in the rotor circuit,	01	2 nd week of October
14.	slip power recovery scheme. Pulse width modulated inverter fed and current source inverter fed induction motor drive.	02	2 nd week of October
15.	Volts/Hertz Control, Vector or Field oriented control.	02	3 rd week of October
16.	Synchronous motor drives:	02	3 rd week of October


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SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY

Department of Electrical & Electronics Engineering

LESSON PLAN

Name of Faculty: Mr. Samrat Paul

Designation: Assistant Professor

Academic Year: 2020-2021

Subject: Electric Drive

Subject Code: PE EEE 701A

	Variable frequency control, Self Control,		October
17.	Voltage source inverter fed synchronous motor drive, Vector control.	03	4 th week of October
18.	Introduction to Solar and Battery Powered Drive, Stepper motor, Switched Reluctance motor drive	02	1 st week of November
19.	Industrial application: Drive consideration for Textile mills, Steel rolling mills, Cement mills, Paper mills,	02	1 st week of November
20.	Machine tools. Cranes & hoist drives.	01	2 nd week of November (Approx.)

Total: 39

Samrat Paul
16.7.22

Signature of the Faculty & Date

A M
16/7/22

Signature of respective HOD & Date

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Sghu

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SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY

Department of Electrical & Electronics Engineering

LESSON PLAN

Name of Faculty: Mr. Samrat Paul

Designation: Assistant Professor

Academic Year: 2020-2021

Subject: Power Electronics

Subject Code: PC EEE 504

SL. NO.	TOPIC TO BE COVERED	NO OF LECTURES REQD.	TENTATIVE TIME OF COMPLETION
1.	Concept of power electronics, application of power electronics, uncontrolled converters, advantages and disadvantages of power electronics converters, power electronics systems.	01	End of January
2.	Power diodes, power transistors, power MOSFETS, IGBT and GTO.	03	1 st week of February
3.	Thyristors, brief description of members of Thyristor family with symbol, V-I Characteristics and applications. Two transistor model of SCR, SCR turn on methods.	01	1 st week of February
4.	Switching characteristics, gate characteristics, ratings, SCR protection, series and parallel operation, gate triggering circuits, different commutation techniques of SCR.	03	2 nd week of February
5.	Series and parallel operation, gate triggering circuits, different commutation techniques of SCR.	04	3 rd week of February
6.	Principle of operation of single phase and three phase half wave, half controlled, full controlled converters with R, R-L and RLE loads.	04	End of February
7.	Effects of freewheeling diodes and source inductance on the performance of converters.	02	1 st Week Of March
8.	External performance parameters of converters, techniques of power factor improvement, single phase and three phase dual converters.	02	1 st Week Of March
9.	Principle of operation, control strategies, step up choppers, types of choppers circuits based on quadrant of operation.	02	2 nd Week Of March
10.	Performance parameters, multiphase choppers and switching mode regulators.	02	2 nd Week Of March
11.	Definition, classification of inverters based on nature of input source, wave shape of output voltage, method of commutation & connections.	02	3 rd Week Of March
12.	Principle of operation of single phase and three phase bridge inverter with R and R-L loads.	02	End Of March



SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY

Department of Electronics & Communication Engineering

LESSON PLAN

Name of Faculty: Mr. Samrat Paul

Designation: Assistant Professor

Academic Year: 2020-2021

Subject: Power Electronics

Subject Code: PC EEE 504

13.	Performance parameters of inverters, methods of voltage control and harmonic reduction of inverters. Brief idea of Resonant Pulse inverters.	04	2 nd Week Of April
14.	Principle of on-off and phase control, single phase and three phase controllers with R and R-L loads.	02	3 rd Week Of April
15.	Principle of operation of cycloconverters, circulating and non circulating mode of operation,	03	End Of April
16.	Single phase to single phase step up and step down cycloconverters.	03	1 st week of May
17.	Three phase to single phase Cycloconverters, three phase to three phase Cycloconverter.	03	2 nd week of May
18.	Speed control of AC and DC motors. HVDC transmission. Static circuit breaker, UPS, static VAR controller.	02	3 rd week of May

Total: 45

Samrat Paul
5.01.21

Signature of the Faculty and date

[Signature]
6.01.21

Signature of the H. O. D. and date

H.O.D.
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SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY

Department of Electronics & Communication Engineering

LESSON PLAN

Name of Faculty: Dr. Anindya Sundar Das

Designation: Assistant Professor

Academic Year: 2021-2022

Subject: Network Theory Subject Code: EC-304

SL. No.	TOPIC TO BE COVERED	NO. OF LECTURES REQUIRED	TENTATIVE TIME OF COMPLETION
1	Basic concepts of Charge, Voltage, Current, Power, Circuit Elements, dependent and independent Sources.	1L	2 nd week of July 2021
	Concepts of Ohm's law, Kirchhoff's current law and Kirchhoff's voltage law	1L	2 nd week of July 2021
	Concepts of open circuit and short circuit	1L	3 rd week of July 2021
	Voltage division rule and current division rule	1L	4 th week of July 2021
2	Nodal Analysis: Formulation of Node equations and solutions	2L	4 th week of July 2021
	Mesh Analysis: Formulation of mesh equations	2L	1 st week of August 2021
	Solution of mesh equations by Cramer's rule and matrix method.		2 nd week of August 2021
	DC Network theorem: Definition and Implication of Thevenin's theorem.	6L	3 rd week of August 2021
	Norton's theorem.		4 th week of August 2021
	Maximum Power Transfer theorem		
	Superposition Theorem		
Reciprocity theorem			
Compensation theorem			
Millman's theorem			
Tellegen's theorem			
3	DC transients in R-L and R-C Circuits with and without initial charge.	2L	1 st week of September 2021
	DC transients in R-L-C Circuits, Solution of Problems	2L	2 nd week of September 2021
4	Concept of Complex frequency and Laplace transform	1L	3 rd week of September 2021
	Transform of F(t) into F(s)	2L	4 th week of September 2021
	Transform of step, exponential, over-damped surge, critically damped surge, damped and un-damped sine functions.		3 rd week of October 2021
	Properties of Laplace transform.	1L	4 th week of October 2021
Linearity, real differentiation, real integration, initial value theorem and final value theorem.	2L		
Inverse Laplace transforms.			
Application in circuit analysis, Partial fraction expansion, Heaviside's expansion theorem, Solution of problems.			
5	Series and Parallel resonance	1L	4 th week of October 2021
	Impedance and Admittance Characteristics, Quality Factor, Half Power Points, Bandwidth	1L	1 st week of November 2021
	Phasor diagrams, Transform diagrams	1L	
Practical resonant and series circuits, Solution of Problems			

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SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY

Department of Electronics & Communication Engineering

LESSON PLAN

Name of Faculty: Dr. Anindya Sundar Das

Designation: Assistant Professor

Academic Year: 2021-2022

Subject: Network Theory

Subject Code: EC-304

SL. NO.	TOPIC TO BE COVERED	NO. OF LECTURES REQUIRED	TENTATIVE TIME OF COMPLETION
6	Concepts of Driving points and transfer functions	2L	2 nd week of November 2021
	Concepts of poles and zeros of immittance function, their properties, sinusoidal response from pole-zero locations	2L	3 rd week of November 2021
	Two port network and interconnections	2L	4 th week of November 2021
	Introduction to band pass, low pass, high pass and band reject filters	2L	1 st week of December 2021
7	Trigonometric and exponential Fourier series: Discrete spectra and symmetry of waveform	2L	2 nd week of December 2021
	steady-state response of a network to non-sinusoidal periodic inputs, power factor, effective values	2L	3 rd week of December 2021
	Fourier transform and continuous spectra, three-phase unbalanced circuit and power calculation.	1L	3 rd week of December 2021
TOTAL NO of LECTURES:		40 L	

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Signature of the Faculty and date

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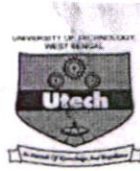
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MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
(Formerly WEST BENGAL UNIVERSITY OF TECHNOLOGY)
Main Campus: NH 12, Haringhata, Post Office - Simhat, Police Station – Haringhata, Pin - 741249
City Campus: BF-142, Sector -I, Salt Lake, Kolkata -700 064

Academic Calendar for Academic Session 2022-23

Activity	Start Date	End date
Odd Semester 2022-23		
Commencement of Academic Programs (3 rd , 5 th , 7 th and 9 th Sem)	04.07.2022	
Enrollment of students (3 rd , 5 th , 7 th and 9 th Sem)	07.07.22	15.07.22
Commencement and Enrollment of students of 1 st semester	As per admission dates. Would be notified separately	
Submission of CA1(all even semesters)	01.08.22	04.08.22
Submission of CA2& PCA1 (all even semesters)	01.09.22	04.09.22
Submission of CA3(all even semesters)	17.10.22	20.10.22
Submission of CA4& PCA 2 (all even semesters)	09.11.22	12.11.22
Pre Examination activities (Form fill-up etc) Odd Sem 2022-23	16.11.22	24.11.22
Practical, Sessional and Viva-Voce examinations	25.11.22	30.11.22
Marks submission for Practical, Sessional and Viva-Voce exams	01.12.22	05.12.22
Theory Examinations for even semester 2022-23	02.12.22	24.12.22
Even Semester 2022-23		
Commencement of Academic Programs (2 nd , 4 th , 6 th , 8 th , 10 th Sem)	02.01.2023	
Enrollment of students(other semester)	04.01.23	12.01.23
Submission of CA1(all even semesters)	01.02.23	04.02.23
Submission of CA2& PCA1 (all even semesters)	01.03.23	04.03.23
Submission of CA3(all even semesters)	01.04.23	04.04.23
Submission of CA4& PCA 2 (all even semesters)	01.05.23	04.05.23
Pre Examination activities (Form fill-up etc) Odd Sem 2022-23	08.01.23	16.01.23
Practical, Sessional and Viva-Voce examinations	22.05.23	27.05.23
Marks submission for Practical, Sessional and Viva-Voce exams	28.05.23	30.05.23
Theory Examinations for even semester 2022-23	01.06.23	20.06.23

Rahim 30/6/22

S. S. S.
Principal
Swami Vivekananda Institute of
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Dakshin Gobindapur
P.S.- Sonarpur, Kolkata-145



Ref. No. :

Date :

Ref.No. COE/MAKAUT,WB/84/2020

Date: 20/04/2021

NOTIFICATION

Sub: Schedule of enrolment, CA, PCA etc for the Students in Even Semester 2020-21

The appropriate authority of the University has approved the following list of activities for the even semester 2020-21 based on the advisories of the other statutory bodies in the Covid-19 pandemic situation.

Activity	Start Date	End date
Enrollment of students	20.04.21	24.04.21
Subject allocation & Teacher tagging	20.04.21	22.04.21
Submission of CA1	28.04.21	03.05.21
Submission of CA2	27.05.21	31.05.21
Submission of PCA1	27.05.21	31.05.21
Submission of CA3	25.06.21	30.06.21
Submission of CA4	21.07.21	24.07.21
Submission of PCA2	21.07.21	24.07.21

Other activities beyond the scope of the above schedule would be notified separately.

(Dr. Subhashis Datta)
Controller of Examinations

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Kolkata Campus : BF-142, SECTOR-I, SALT LAKE CITY, KOLKATA-700 064, (INDIA)
Website : www.wbut.ac.in

Ref. No. :

Date :

Ref No. COE/MAKAUT WB/72/2021

Date:20/01/2021

Notice regarding submission of Continuous Evaluation (CA) – CA1 & CA2

Continuous Assessment (CA) for all the programs for the 3rd, 5th, 7th & 9th Semester 2020-21 would be collected through the examination portal as per following schedule.

Continuous Assessment (CA)	Starting date of marks submission	End date of marks submission
CA1	21.01.2021	28.01.2021
CA2	08.02.2021	13.02.2021

All marks to be submitted out of 25. Full marks & mode of test/ viva/ quiz/ presentation/ seminar/ GD etc could be based on the decisions made in the academic committees of the colleges concerned considering the Covid-19 pandemic situation. Please do not keep any field blank before submission and put 'A' for absent candidates.

For any assistance, all are advised to write the query in the 'Support' system of the portal.

(Dr. Subhashis Datta)
Controller of Examinations

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Ref. No. :

Date :

Ref No. COE/MAKAUT/FACULTY/52/2019-20

Date: 30/07/2020

To
The Director/Principal
All the affiliated Colleges of MAKAUT, WB

**Sub: Revised schedule of CA4 & PCA2 and MAR for Even Semester 2019-20
for intermediate semester students**

Dear Sir/Madam,
In view of Covid-19 pandemic and lockdown situation, data for 4th continuous assessment for theory subjects (CA4) and 2nd continuous assessment for practical subjects (PCA4) was not captured. As we have completed the result publication part of all final year students, it is time to capture CA4 and PCA2 for all students of intermediate semesters. The schedule of submission of Continuous Assessment (CA4) and Practical Continuous Assessment (PCA4) are revised as per following. Record of data of Mandatory Additional Requirements (MAR) for all intermediate semester students would also be collected simultaneously.

Events	Date/Duration
4 th Continuous Evaluation submission (25 marks) (CA4) for other than final year i.e. students of intermediate semesters	31.07.2020-14.08.2020
2 nd Phase Internal Evaluation for practical submission (40 marks) (PCA2) for other than final year i.e. students of intermediate semesters	31.07.2020-14.08.2020
Submission of MAR data for students of intermediate semesters for the academic year 2019-20	04.08.2020-31.08.2020

Students are also advised to follow through their login that all continuous assessments are updated by the teachers concerned as per schedule. College authorities are also requested to keep a track of activities through their login and make sure all required data are submitted by the teachers in the examinations portal.

Process of assessment for the students of intermediate semesters would be intimated in due course of time as soon as it is decided by the competent authority considering the situation of Covid-19 pandemic.

This is issued as per approval of the competent authority.

(Dr. Subhashis Datta)
Controller of Examinations

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P.S.- Sonarpur, Kolkata-145



Ref. No. :

Date :

Ref No. COE/MAKAUT/FACULTY/38/2019-20

Date: 30/05/2020

To
The Director/Principal
All the affiliated Colleges of MAKAUT, WB

Sub: Revised schedule of CA4 & PCA2 for Even Semester 2019-20

Dear Sir/Madam,

In view of Covid-19 pandemic and subsequent effects of Amphun in our state, it is reported that a good number of colleges are affected and network connectivity in those area has become poor and it is difficult to continue online portal activities during these period.

During considering the above and subsequent developments in view of Covid-19 pandemic, the schedule of submission of Continuous Assessment (CA4) and Practical Continuous Assessment (PCA4) are revised as per following.

Events	Date/Duration
Examination	
4 th Continuous Evaluation submission (25 marks) (CA4) for all final year students	08.06.2020-20.06.2020
4 th Continuous Evaluation submission (25 marks) (CA4) for other than final year students	To be declared later
2 nd Phase Internal Evaluation for practical submission (40 marks) (PCA2) for all final year students	08.06.2020-20.06.2020
2 nd Phase Internal Evaluation for practical submission (40 marks) (PCA2) for other than final year students	To be declared later

We must appreciate that submission of CA3 as per earlier notice was complete smoothly by all the faculties.

Students are also advised to follow through their login that all continuous assessments are updated by the teachers concerned as per schedule. College authorities are also requested to keep a track of activities through their login and make sure all required data are submitted by the teachers in the examinations portal.

This is issued as per approval of the competent authority.

(Dr. Subhashis Datta)
Controller of Examinations

Principal
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P.S.- Sonarpur, Kolkata-145



Ref. No. :

Date :

Ref No. COE/MAKAUT/FACULTY/32/2019-20

Date: 30/04/2020

To
The Director/Principal
All the affiliated Colleges of MAKAUT, WB

Sub: Revised schedule of CA3, CA4, PCA1 & PCA2 for Even Semester 2019-20

Dear Sir/Madam,

In view of Covid-19 pandemic and subsequent lockdown, the academic schedule in respect of continuous evaluation etc need to be modified as per changed scenario.

It is appreciable that submission of CA1 and CA2 for theory subjects and practical continuous assessment 1 (PCA1) for practical subjects had been completed within stipulated time. It is also very encouraging to see that the online activities are taken place in a systematic manner during the lockdown period. However the processes of continuous evaluation need to be modified as per convenience of the faculty and students.

In view of planning for the different pending activities of the even semester 2019-20 and conduction of end semester examinations, the capturing of records of remaining activities in terms of continuous evaluations would be completed as per following schedule.

Events	Date/Duration
Examination	
3 rd Continuous Evaluation submission (25 marks)	30.04.2020-09.05.2020
4 th Continuous Evaluation submission (25 marks)	27.05.2020-05.06.2020
Additional dates (who failed to submit within 21.03.2020) for 1 st Phase Internal Evaluation for practical submission (40 marks) (PCA1)	30.04.2020-06.05.2020
2 nd Phase Internal Evaluation for practical submission (40 marks) (PCA2)	08.06.2020-20.06.2020

Students are also advised to follow through their login that all continuous assessments are updated by the teachers concerned as per schedule.

College authorities are also requested to keep a track of activities through their login and make sure all required data are submitted by the teachers in the examinations portal.

The decision of schedule and mode of end semester examinations would be communicated as soon as it would be decided by the appropriate authority.
This is issued as per approval of the competent authority.

(Dr. Subhashis Datta)
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Ref. SVIST/EXAM/2022-23/EVEN/CAA-01

Date.....25/04/2023

NOTICE

It is hereby informed to the students of 2nd, 3rd & 4th year that it is mandatory to appear in the CA4/PCA2 exam in college. You are instructed to appear within 1st to 4th May, 2023 in the CA4/PCA2 exam in college without fail, as per MAKAUT guidelines and your physical presence in college is mandatory.

Dr. Sonali Ghosh
Principal, SVIST

Principal
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Ref. SVIST/EXAM/2021-22/ODD/CA1-01

Date.....22/02/2022

NOTICE


It is hereby informed to the students of **2nd, 3rd & 4th** year that it is mandatory to appear in the CA1 exam in college. You are instructed to appear within **1st to 4th March, 2022** in the CA1 exam in college without fail, as per MAKAUT guidelines and your physical presence in college is mandatory.


Dr. Sonali Ghosh
Principal, SVIST

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Ref. SVIST/EXAM/2020-21/EVEN/CAA-01

Date.....14.07.2021.....


NOTICE

It is hereby informed to the students of **2nd, 3rd & 4th** year that it is mandatory to appear in the CA4 and PCA2 exam in online mode. You are instructed to appear within **21st to 24th July, 2021** in the CA4 and PCA2 exam in online mode without fail, as per MAKAUT guidelines.

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Ref. SVIST/EXAM/2020-21/EVEN/CA3-01

Date..... 22/06/2021

NOTICE

It is hereby informed to the students of **2nd, 3rd & 4th** year that it is mandatory to appear in the CA3 exam in online mode. You are instructed to appear within **28th to 30th June, 2021** in the CA3 exam in online mode without fail, as per MAKAUT guidelines.

Dr. Sonali Sarkar
Principal, SVIST

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Ref. SVIST/EXAM/2020-21/EVEN/CA2-01

Date.....03/05/2021

NOTICE


It is hereby informed to the students of **2nd, 3rd & 4th** year that it is mandatory to appear in the CA2 and PCA1 exam in online mode. You are instructed to appear within **27th to 29th May, 2021** in the CA2 and PCA1 exam in online mode without fail, as per MAKAUT guidelines.


Dr. Sonali Sarkar
Principal, SVIST

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Ref. SVIST/EXAM/2020-21/EVEN/CA1-01

Date.....20/04/2021

NOTICE

It is hereby informed to the students of **2nd, 3rd & 4th** year that it is mandatory to appear in the CA1 exam in online mode. You are instructed to appear within **28th to 30th April, 2021** in the CA1 exam in online mode without fail, as per MAKAUT guidelines.

Dr. Sonali Sarkar
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Ref. SVIST/EXAM/2020-21/ODD/CA4-01

Date.....26/02/2021

NOTICE


It is hereby informed to the students of **2nd, 3rd & 4th** year that it is mandatory to appear in the CA4 and PCA2 exam in online mode. You are instructed to appear within **02nd to 05th March, 2021** in the CA4 and PCA2 exam in online mode without fail, as per MAKAUT guidelines.


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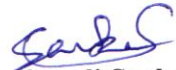
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Ref. SVIST/EXAM/2020-21/ODD/CA3-01

Date.....17/02/2021

NOTICE


It is hereby informed to the students of **2nd, 3rd & 4th** year that it is mandatory to appear in the CA3 exam in online mode. You are instructed to appear within **24th to 25th February, 2021** in the CA3 exam in online mode without fail, as per MAKAUT guidelines.


Dr. Sonali Sarkar
Principal, SVIST

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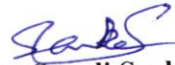
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Ref. SVIST/EXAM/2020-21/ODD/CA2-01

Date.....03/02/2021

NOTICE


It is hereby informed to the students of **2nd, 3rd & 4th** year that it is mandatory to appear in the CA2 and PCA1 exam in online mode. You are instructed to appear within **09th to 13th February, 2021** in the CA2 and PCA1 exam in online mode without fail, as per MAKAUT guidelines.


Dr. Sonali Sarkar
Principal, SVIST

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Ref. SVIST/EXAM/2020-21/ODD/CA1-01

Date.....14/01/2021

NOTICE


It is hereby informed to the students of **2nd, 3rd & 4th** year that it is mandatory to appear in the CA1 exam in online mode. You are instructed to appear within **21st to 28th January, 2021** in the CA1 exam in online mode without fail, as per MAKAUT guidelines.


Dr. Sonali Sarkar
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Swami Vivekananda Institute of Science & Technology
SVIST/B. Tech (ME)/CA-4 /PE-ME-801B/2022
Power Plant Engineering

Time Allotted: 50 Mins

Marks: 25

Answer all the questions

1. Choose the correct alternative for the following questions-
- (i) Curtis turbine is a
- Simple reaction turbine
 - Velocity compounded turbine
 - Pressure compounded turbine
 - Pressure-velocity compounded turbine
- (ii) What is draught?
- The condition of a dry boiler is called draught
 - It's a small pressure difference which causes the flow of gases
 - It is a boiler mounting
 - It is a boiler accessory
- (iii) How many set of nozzles are there in a simple impulse turbine?
- one
 - two
 - three
 - four
- (iv) Which of the following statements is FALSE about velocity compounding?
- Steam is expanded through only one set of nozzles
 - Low cost and high efficiency
 - The kinetic energy of the steam is absorbed in stages
 - The fixed blades re-direct the direction of velocity
- (v) Which of the following statements is FALSE about pressure compounding?
- Steam pressure is reduced when steam moves over the moving blade
 - Multiple set of nozzles is used
 - Rotor speed is not very high
 - Steam expansion takes place in steps
2. Determine the height of the chimney to produce a static draught of 20mm of water. The mean flue gas temperature in the chimney is 270°C and the atmospheric air temperature is 20°C. Barometer reads 760mm of Hg. The characteristic gas constant R for air is 287Nm/kgK and for chimney gas it is 255 Nm/kgK. [5] [CO-3]
3. What is the difference between fire tube and water tube boiler? [5] [CO-3]
4. Derive a relationship between the velocity gradient and area change for an isentropic flow through nozzle. [5] [CO-4]
5. Define speed ratio, blade velocity coefficient, blade efficiency, nozzle efficiency and stage efficiency in connection with steam turbines. [5] [CO-4]

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Affiliated to

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

(Formerly Known as West Bengal University of Technology)



Department of Mechanical Engineering

Continuous Assessment – 4

Full Marks: 25

Name of the Student : ANKAN BAIDYA

University Roll No. : 24100719074

Year : 4th Semester : 8th

Name of the Subject: Power Plant Engineering

Subject Code : PEME 801B Session: 2021-22

noy
Signature of Invigilator

Sybil
Principal



24
—
25

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1) (i) d) Pressure-velocity compounded turbine.

(ii) It is a small pressure difference which causes the flow of gases.

(iii) a) one

iv) b) Low cost and high efficiency.

v) a) Steam pressure is reduced when steam moves over the moving blade.

Sybil

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2.) Density of air at 20°C is given by.

$$P_{\text{air}} = \frac{1}{V} = \frac{P}{RT} = \frac{1.01325 \times 10^5}{287 \times (273 + 20)} = 1.2 \text{ kg/m}^3$$

similarly, density of flue gases at 270°C is given by

$$P_{\text{flue gas}} = \frac{1}{V} = \frac{P}{RT} = \frac{1.01325 \times 10^5}{255 \times (270 + 273)} = 0.73 \text{ kg/m}^3$$

pressure difference is, therefore given by.

$$P = gH(P_{\text{air}} - P_{\text{flue}}) \text{ N/m}^2$$

$$\Rightarrow gH = 20gH(1.2 - 0.73)$$

$$\therefore H = \frac{20}{1.2 - 0.73} = \frac{20}{0.47} = 42.6 \text{ meters}$$

3.) Difference between fire tube and water tube boiler:-

(i) water tube boiler is the boiler in which the water is present inside the tubes and fire or hot gases surrounds these fire tubes. on the other hand fire tube boiler is the boiler in which the fire or hot gas is present inside the tubes and water surrounds these fire tube.

(ii) operation of water-tube boiler requires skilled operators whereas less skilled operators are just sufficient for effective operation of the fire tube boiler.

(iii) Due to low water volume, the start up time for water tube boiler is lesser and response

to load changes is faster when compared to that of fire tube boiler.

IV) Water tube boiler are high pressure boiler and usually operate at pressure of about 165 bar. Fire tube boiler are low or medium pressure boiler and usually operate at pressure of about 25 bar.

V) In water tube boiler the risk of explosion is higher due to high pressure whereas due to low pressure, the fire tube boiler the risk of explosion is low.

4.)

For isentropic flow through nozzle, the continuity equation -

$$W = \rho A V$$

By logarithmic differentiation

$$\frac{d\rho}{\rho} + \frac{dA}{A} + \frac{dV}{V} = 0$$

A = Area of nozzle

ρ = Density of fluid

V = Velocity.

Now for Isotropic flow

$$h_0 = h + \frac{V^2}{2}$$

As enthalpy does not change

$$\therefore dh = -Vdv$$

$$\text{Again } Tds = dh - VdP$$

For isentropic flow

$$dh = \frac{dP}{\rho}$$

$$\therefore dP = -\rho V dv$$

$$\frac{dP}{\rho} + \frac{dA}{A} + \frac{dV}{V} = 0$$

$$\text{or, } \frac{dA}{A} = \frac{dV}{V} - \frac{dP}{\rho} = \frac{dP}{\rho V^2} - \frac{dP}{\rho}$$
$$= \frac{dP}{\rho V^2} \left[1 - V^2 \frac{d\rho}{dP} \right]$$

$$\text{or, } \frac{dA}{A} = \frac{dP}{\rho V^2} (1 - M^2) \left[M = V \sqrt{\frac{d\rho}{dP}} \right]$$

$$\therefore \frac{dA}{A} = - \frac{\rho V dv}{\rho V^2} (1 - M^2) \left[\because dP = -\rho V dv \right]$$
$$= (M^2 - 1) \frac{dV}{V}$$

$$\therefore \frac{dV}{V} = \frac{1}{(M^2 - 1)} \frac{dA}{A}$$

5) Speed ratio :- Speed ratio of an impulse turbine can be defined as the ratio of blade velocity to steam velocity at inlet.

$$S = C_b / C_i$$

Blade velocity coefficient:- The blade velocity coefficient is ratio of relative velocity of steam at outlet tip of the blade to the relative velocity of steam at inlet tip of the blade.

Blade efficiency:- The steam turbine isentropic efficiencies range typically 20% to 90%, according to the application of the turbine. The inside of a steam turbine contains several sets of blades. A group of stationary blades is attached to the casing.

Nozzle efficiency:- Nozzle efficiency of steam turbine is the ratio of energy supplied to the blades per kg of steam to the total energy supplied per stage per kg of steam.

Stage efficiency:- Stage efficiency of steam turbine is the ratio of the work done on the blades per kg of steam to the total energy supplied per stage per kg of steam.

Time Allotted: 1 Hour

Answer all the questions

Marks: 25

[1 × 5 = 5]

Q1. Answer the following questions

- (i) What is the unit of solar constant?
- (ii) What is a solar collector?
- (iii) What is extraterrestrial radiation?
- (iv) What do you mean by conventional energy?
- (v) What is the application of solar cell?

Q2. Explain the following terms related to variation of wind speed with height from the ground with diagram :
(i) Gradient height, (ii) Free atmosphere, (iii) Planetary boundary, (iv) Surface layer and (v) Ekman layer.

[5] [CO- 3]

Q3. Explain following angles used in solar radiation analysis (i) Angle of Latitude, (ii) Hour angle, (iii) Solar azimuth angle, (iv) Zenith angle and (v) Declination angle.

[5] [CO- 2]

Q4. Difference between Flat plate solar collector and concentrating type solar collector

[5] [CO- 2]

Q5. What is solar panel? Write its main three uses.

[5] [CO- 2]



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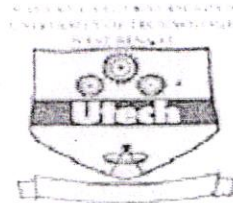


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Department of Mechanical Engineering

Continuous Assessment – 3

Full Marks: 25

Name of the Student : Chayan Roy

University Roll No. : 24100720092

Year : 1st / 2nd / 3rd / 4th ✓ Semester : 1st / 3rd / 5th / 7th ✓

Name of the Subject: Non Conventional Energy Sources.

Subject Code : OE-ME-701D Session: 2022-2023

Signature of Invigilator(s)

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- Q.1
- i) → (a) To minimize transmission of the incident sunlight into the box. ~~X~~
 - ii) → (c) Electromagnetic wave. ~~X~~
 - iii) → (b) Silicon. ~~X~~
 - iv) → (c) lift and drag. ~~X~~
 - v) → (b) Sun. ~~X~~
- (D)

Q.2
Gradient height → the height above ground where surface friction has a negligible effect on wind speed.

Planetary boundary → planetary boundaries are those holds within which humanity can survive, develop and thrive for generations to come.

Free atmosphere :- the portion of the earth's atmosphere above the planetary boundary layer, in which the effect of the earth's surface friction on the air motion is negligible.

Surface layer :- It is the layer having resistivity different from that of the body on which it is deposited.

EKman layer :- this layer in a fluid where there is a force balance between pressure gradient force, coriolis force and turbulent drag. ~~X~~

Q.3
Angle of latitude :- Latitude angle can range upto +90° or 90° north, and down to -90° or 90° south.

Hour angle :- It is the angle between two planes

solar azimuth angle:-

It is the azimuth of the sun's position. This horizontal coordinate defines the sun's relative direction along the local horizon.

zenith angle:-

It is the angle between the sun's rays and the vertical direction.

Declination angle:-

Declination is one of the two angles that locate a point on the celestial sphere in the equatorial coordinate system the other being hour angle.

LA

Q.4

Flat plate solar collector usually have three main components: A flat metal plate that intercepts and absorbs solar energy. A transparent cover that allows solar energy to pass through the cover and reduces heat loss from the absorber. A layer of insulation on the back of the absorber to reduce heat loss.

Q.5

Declination angle $\delta = 23.45 \times \sin \left[\frac{360}{365} (284+n) \right]$
where n is the number of days.

Case I

1st Jan n=1

$$\delta = 23.45 \times \sin \left[\frac{360}{365} \times (284+1) \right]$$
$$= -23.01^\circ$$

$$td = \frac{2 \cos^{-1} (-\tan \lambda \tan \delta)}{15} = \frac{2 \cos^{-1} (-\tan 34.08^\circ \tan 23.01^\circ)}{15}$$
$$= 9.77 \text{ h.}$$

Case II

1st July n=182

$$\delta = 23.45 \times \sin \left[\frac{360}{365} (284+182) \right]$$
$$= 23.12^\circ$$

$$td = \frac{2 \cos^{-1} (-\tan \lambda \tan \delta)}{15} = \frac{2 \cos^{-1} (-\tan 34.08^\circ \tan 23.12^\circ)}{15}$$
$$= 14.24 \text{ h.}$$

Syahr

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SVIST/B.Tech (ME)/CA-3/HM HU 601/2023

Operations Research (HM HU 601)

Time Allotted: 1 Hour

Full Marks: 25

Group A (Answer all the following questions) [5x1]

- 1.
- I. Which technique is used in finding a solution for optimizing a given objective, such as profit maximization or cost reduction under certain constraints? (CO1)
 - II. Operation research approach is typically based on the use of..... (CO1)
 - III What is activity on node network? (CO3)
 - PERT is referred as (CO3)
 - 5. What is Slack variable? (CO2)

Group B (Answer all the following questions) [4x5]

2. Solve the following Linear Programming Problem (LPP) using the Simplex Method

Maximize $Z = 12 X_1 + 16 X_2$

Subject to $10 X_1 + 20 X_2 \leq 120$

$X_1 + 2 X_2 \leq 20$

$8 X_1 + 8 X_2 \leq 80$

$X_1 \geq 0, X_2 \geq 0$

- 3. What is float? What is different types of floats?
- 4. Briefly discuss about, Total Float, Free Float and Critical Path.
- 5. Draw network diagram

Activity	Predecessor
A	-
B	-
C	A
D	B
E	A, B


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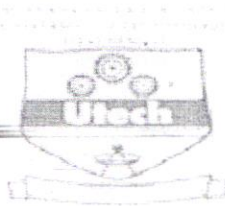


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Department of Mechanical Engineering

Continuous Assessment – 3

Full Marks: 25

Name of the Student: Korishmendu Ray.

University Roll No.: 24100720006.

Year: 3rd. Semester: 6th.

Name of the Subject: Operations Research.

Subject Code: HM HU 601. Session: 2022-2023

Invigilator's Signature

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[Handwritten signature]

Group - A

1. I.

LPP technique is used to finding a solution for optimising a given objectives, such as a profit maximization or cost reduction under certain constraints. (1)

ii.

Operation research approach is typically based on the use of mathematical model. (1)

iii.

Activity or node is a project management term that refers to a precedence diagram method which uses boxes to denote schedule activities. (1)

iv.

Project Evaluation and Review Technique. (1)

v.

Slack variable - It represents unused resource either in the form of time or a machine labour, hours, money etc. (1)

Since this variables don't yield any profit therefore such variables are added to objective function with zero coefficient. (1)

2.

$$\text{Max } Z = 12x_1 + 16x_2 + 0s_1 + 0s_2$$

$$\text{Subject to } 10x_1 + 20x_2 + s_1 + 0s_2 = 120$$

$$8x_1 + 8x_2 + 0s_1 + s_2 = 80$$

$$x_1, x_2 \geq 0$$

S_1

C_j	P_j	12	16	0	0		
	B_j	x_1	x_2	s_1	s_2		
0	s_1	10	20	1	0	120	$\frac{120}{20} = 6$
0	s_2	8	8	0	1	80	$\frac{80}{8} = 10$
	Z_j	0	0	0	0		
	$C_j - Z_j$	12	16	0	0		

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Q. No.



Iteration - I

CBi	Cj	12	16	0	0	sol	Ratio
	BV	x ₁	x ₂	s ₁	s ₂		
12	x ₂	$\frac{1}{2}$	1	$\frac{1}{20}$	0	6	$6 / \frac{1}{2} = 12$
0	s ₂	4	0	$-\frac{2}{5}$	1	32	$32 / 4 = 8$
	Zj	8	16	$\frac{4}{5}$	0		
	Cj - Zj	4	0	$-\frac{4}{5}$	0		

Iteration - II

CBi	Cj	12	16	0	0	sol	Ratio
	BV	x ₁	x ₂	s ₁	s ₂		
16	x ₂	0	1	$\frac{1}{10}$	$-\frac{1}{8}$	2	
12	x ₁	1	0	$-\frac{1}{10}$	$\frac{1}{4}$	8	
	Zj	12	16	$\frac{2}{5}$	1		
	Cj - Zj	0	0	$-\frac{2}{5}$	-1		

$$\begin{aligned}
 \text{Max } Z &= 12x_1 + 16x_2 \\
 &= 12 \times 8 + 16 \times 2 = 128
 \end{aligned}$$

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3. Float is the amount of time by which a given task within a project can be delayed before it impacts the deadline for the project

Different types of float.

4+

1. Total float.
2. Free float
3. Project float
4. Interfering float
5. Independent float.

4. Total float - the amount that a task ^{time} can be delayed, without ^{task} affecting the completion date of the project.

4+

Free float - The amount of time an activity can be delayed without delaying the start of its successor activity.

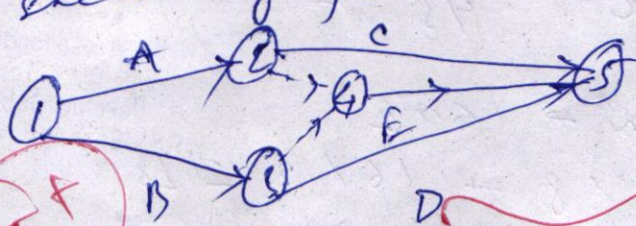
critical path

Critical path - A technique where you identify tasks that are necessary for project completion and determine essential flexibilities.

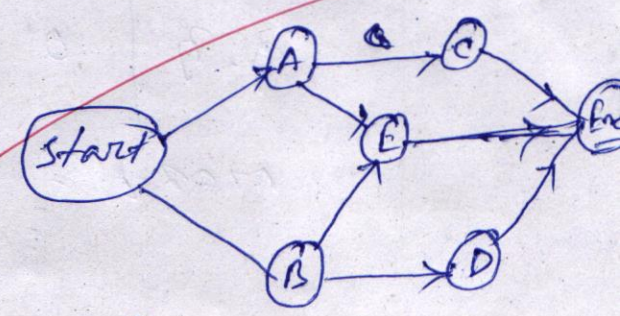
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5. 20

5+



AON Network.



AOA Network

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Department of Computer Science & Engineering

Continuous Assessment – 3

Full Marks: 25

Name of the Student : Ujjwal Dey

University Roll No. : 24100122064

Year : 2nd 1st / 2nd / 3rd / 4th Semester : 3rd 1st / 3rd / 5th / 7th

Name of the Subject: Data structure & Algorithm

Subject Code : PCC CS 301 Session: 2022-2023

Signature of Invigilator(s)

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GROUP A

1.
2)

- b) When a $\text{pop}()$ operation is called on an empty stack the condition is underflow.
- c) Deque allow insertion and deletion from both ends.
- d) merge sorting process follows Divide and conquer algorithm.
- e) In a graph of n nodes and n edges, ~~there~~ at least 1 cycles will be present.

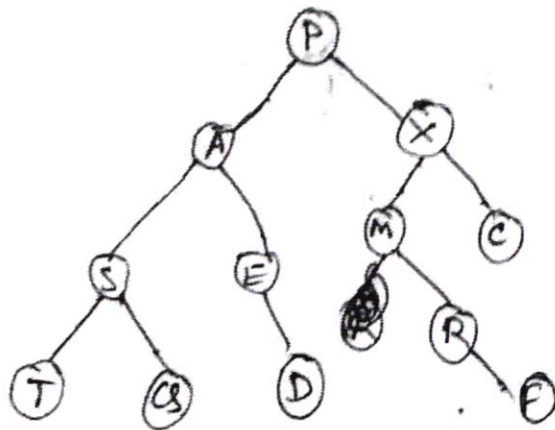
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4) Preorder - P A S T Q E D X M R C F

Inorder - T S Q A E D P M X C R F

The binary tree is



6)

BFS

DFS

① BFS stands for Breadth First search.

② BFS is faster than DFS.

③ BFS works on queue

④ BFS is used to search an element which is closer to the source

⑤ BFS is more useful than DFS

① DFS stands for Depth First search.

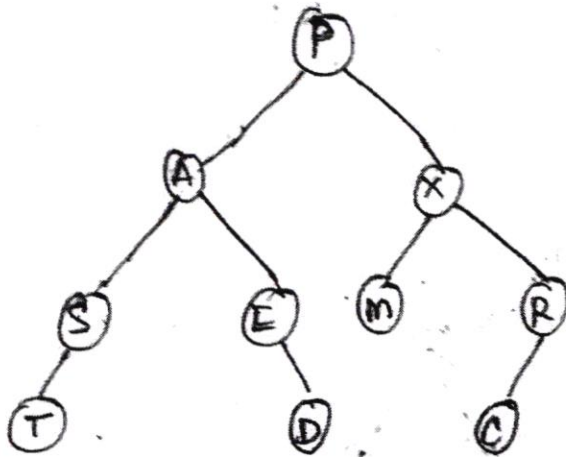
② DFS is slower than BFS.

③ DFS work on stack operation.

④ DFS is used to search an element away from the source.

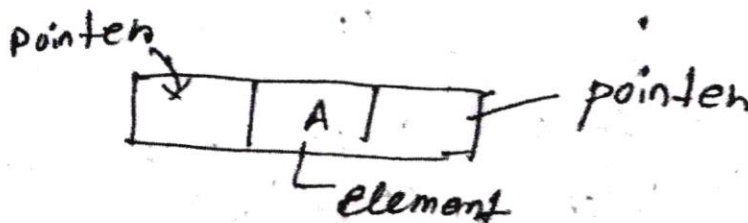
⑤ DFS is not useful than BFS.

5) P S T E D X M R C A



3) Stack ADTs:
Abstract data type of .

2) Deque is a type of abstract data structure in which insertion and deletion of ~~of~~ ~~etc~~ can be performed from the both ends. Thus it does not follow the FIFO (first in first out) rule. In deque, there were two pointers pointing to different elements.



4

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Department of Computer Science & Engineering

Continuous Assessment – 3

Full Marks: 25

Name of the Student : Aniket Saha

University Roll No. : 24100122066

Year : 2nd 1st / 2nd / 3rd / 4th Semester : 3rd 1st / 3rd / 5th / 7th

Name of the Subject: Data Structure & Algorithm

Subject Code : PCC CS 301 Session: 2022-2023

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Signature of Invigilator(s)

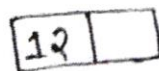
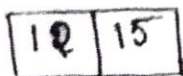
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Answer
Group - A

- b) When a POP () operation is called on a empty stack, is the error condition called underflow.
- c) Deque allow insertion and deletion from both ends.
- d) Merge sorting process follows divide and conquer algorithm.
- e) In a graph of n nodes and n edges, 1 cycles will be present.
- q) The disadvantage of array data structure are -
(i) Higher price of insertion and deletion.
(ii) For contiguous memory deletion and insertion very costly.

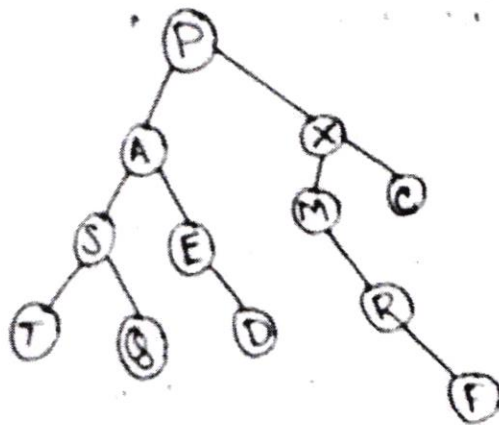
Group - B

7) 15, 12, 8, 7, 18, 24, 5, 4, 21, 25, 28, 16, 10

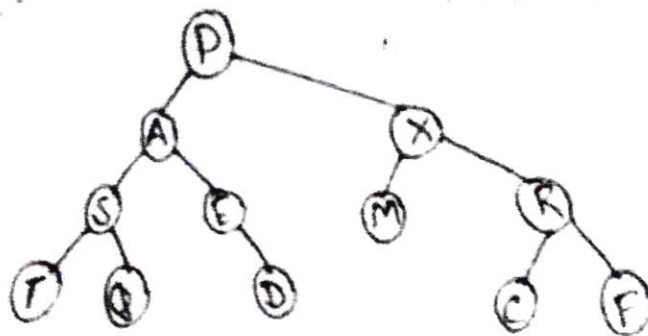


1) Preorder : P A S T Q E D X M R C F
 Inorder : T S Q A E D P M X C R F

The binary tree :-



5.) The AVL Tree . - P S T E D X M R C A



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BFS

i) BFS stands for Breadth First Search.

ii) BFS is ~~fast~~ faster than DFS

iii) BFS works on queue

iv) BFS is used to search an element which is closer to the source

DFS

i) DFS stands for Depth First Search

ii) DFS is slower than BFS

iii) DFS works on stack Operator.

iv) DFS is used to search an element away from the source

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Department of Civil Engineering

Continuous Assessment – 3

Full Marks: 25

Name of the Student : Soham Bhattacharya

University Roll No. : 24101320070

Year : 1st / 2nd / 3rd / 4th Semester : 8th

Name of the Subject: Environmental impact Assessment and life cycle analysis

Subject Code : CE(OE) 802D Session: 2022-23

Subhadeep Biswas
Signature of Invigilator(s)

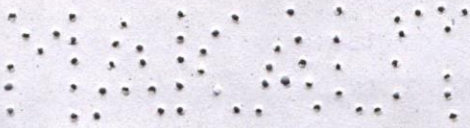


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Group-A

1) LCA: - Life cycle analysis is a process of evaluating the effects that a product has on the environment over the entire period of its life thereby increasing resource use efficiency and decreasing. (+1)

2) The ISO 14040 Series of standard followed by LCA. ✓ (+1)

3) Silant Vary hydroelectric Power Plant in Kerala [1980] (+1)

4) in 23rd may 1986 ✓ (+1)

5) Project Proponent is the person that is responsible for carrying out a project and has the legal right to do so. ✓ (+1)

Group-B

1) 15 ppm CO₂ to µg/m³ at 25°C.

∴ molecular wt. of CO₂ = ~~12~~(12 + 16~~2~~)
= ~~42~~ 28

$$P_p = \frac{M_p \times \gamma \text{ ppm} \times 10^3}{24.45}$$

$$P_p = \frac{28 \times 15 \times 10^3}{24.45}$$

✓ A4

$$= \frac{260000}{17.177} \times 10^3 \text{ µg/m}^3$$

2)

Exposure	18 (a)	172 (b)
not exposure	30 (c)	500 (d)

Attributable risk =

$$\frac{a}{a+b} - \frac{c}{c+d}$$

✓ A5

~~0.0381330~~

0.0381330

$$= \frac{18}{(18+172)} - \frac{30}{(500+30)}$$

$$0.0381330$$



$$\text{Odds ratio} = \frac{ad}{be} = \frac{18 \times 500}{172 \times 300} = 0.1744$$

3) 70 kg, 3L, 70 years

$$\text{Protein factor} = 5.5 \times 10^{-3} (\text{mg/kg-d})^{-1}$$

$$\text{CDI} = \frac{3 \times 0.18}{70}$$

$$\begin{aligned} \text{Risk factor} &= \text{CDI} \times \text{PF} \\ &= 5.5 \times 10^{-3} \times \frac{3 \times 0.18}{70} \\ &= 0.0004242857 \end{aligned}$$

(+5)

4)

Other developic countries

India

• There is lack of tertiary EIA legislature.

• For instance, EIA is not mandatory in many

African countries.

23

(+4)

• We have promulgation legislature for EIA.

• It has been included by EIA amendment act, 1986.

• Now EIA 2006 is in print.

Q.
No.

For developed countries -

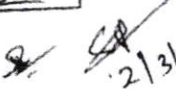
from initial level and here the framework
are much ~~more~~ awareness and serious.



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Paper Name: Electric Machine lab-1		
Paper Code: PC-EE-491		
Year - 2nd yr (4th Sem)		
Session: 2022-23(Practical Assessment-1)		
Date -		
ROLL NO	NAME	MARKS
24102821001	SUDESHINA ANN	39
24102821002	SHYAMSUNDAR DAS	34
24102821004	DIPAYAN DAS	32
24102821005	JAGANNATH GUCHHAIT	- Absent
24102821007	PRASUN MAJUMDAR	35
24102821008	MOUSUN SARKAR	38
24102821009	DIPAYAN SINGHA	35
24102822034	ABDUL RAFEUL MALLICK	32
24102822035	ABHISHEK DAS	33
24102822036	AKASH KUMAR GANGULY	33
24102822037	AMIT DATTA	32
24102822038	ANUBHAB GHOSHAL	35
24102822039	ANURAG BARAGAON	35
24102822040	ARGHADEEP DASGUPTA	32
24102822041	ARINDAM SAHOO	32
24102822042	ARNAB HALDER	32
24102822043	ARPAN ROY	30
24102822044	AYAN MONDAL	31
24102822045	BAPAN BARNIK	32
24102822046	DEB KUMAR DAS	30
24102822047	GOUTAM SUTRADHAR	27
24102822048	HRIK SARKAR	24
24102822049	MD SAHNEWAJ KHAN	32
24102822050	MOUTUSHI SAMANTA NASKAR	30
24102822051	MRITYUNJOY PAUL	27
24102822054	PRASEN SAHA	26
24102822055	INDRANIL MONDAL	34
24102822056	RITURAJ DAS	32
24102822053	PRANAB MANNA	32
24102822054	PRASEN SAHA	34
24102822055	INDRANIL MONDAL	34
24102822056	RITURAJ DAS	32
24102822057	ROHIT KUMAR MONDAL	32
24102822058	RUDRANIL NAYAK	34
24102821010	SUMAN PATRA	35
24102821011	SAHELI SRIMANI	30
24102821015	MANIKANCHAN PAL	35
24102821016	SUPRIYO HAZRA	31
24102821018	RITAM PRAMANICK	30
24102821039	KAMAL MUKHERJEE	29
24102822057	ROHIT KUMAR MONDAL	33
24102822058	RUDRANIL NAYAK	22
24102822059	RUDRAPRASAD PAL	33
24102822060	SANJAY MAHATO	34
24102822062	SAPTARSHI DAS	32
24102822063	SATYABRATA ARI	32
24102822064	SUBHANKAR HAZRA	32
24102822065	SUBHASISH BHOWMIK	33
24102822068	SHANTANU NAIYA	34
24102822069	SHOWMIK BHOWMIK	35
24102822070	SOPAN GANGULY	32
24102822073	SUBHA DEBNATH	32
24102822074	SUBHRAJIT ROY	31
24102822075	SUTAPA MONDAL	30
24102822076	SUVANKAR PANJA	29
24102822077	SWARUP BISWAS	30
24102822078	SUVANKAR CHATTERJEE	34
24102822079	SIMA MANI DEY	32
24102822080	SOMNATH MANDAL	33
24102822083	RAJDEEP ADHIKARY	34
24102822084	RUPAM MAJI	32


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 21/3/23

SWAMI VIVEKANANDA INSTITUTE OF SCIENCE AND TECHNOLOGY

Paper Name DIGITAL SIGNAL PROCESSING

Paper Code PCEEE-891

Year 2nd yr

Session 2022-23 (Practical Assessment-I)

Date -

ROLL NO	NAME	MARKS
24102819001	Madhubani Paul	38
24102819002	Sukanya Majumdar	34
24102819003	Suchismita Chatterjee	32
24102819004	Dhruba Nath	33
24102819006	Pratim Duary	34
24102819007	Trinanjan Dasgupta	26
24102819008	Akash Sharma	29
24102819009	Tanmay Sarkar	36
24102819010	Avijit Samanta	30
24102819011	Ashis Kumar Verma	30
24102819012	Milan Mahanti	30
24102820019	HIRAK HALDER	32
24102820021	ANSHUMAN ROY	32
24102820023	SUMAN KALYAN PAKHIRA	33
24102820024	SK NADIM ALI	30
24102820027	SHESANDU SEKHAR MALICK	31
24102820028	TANAUSHREE MONDAL	34
24102820029	SUBHADIP SARDAR	26
24102820030	RAVI KANT THAKUR	35 36
24102820031	RAHUL SINHA	35
24102820032	SHIBOTTAM BHOWMICK	27
24102820033	VISHAL LAL RAJAK	36
24102820035	AVISHEK PAUL	35
24102820036	SOUVIK KAYAL	36
24102820037	SOMNATH DAS	34
24102820038	AVIJIT GHOSH	31
24102820039	ROUNAK BANERJEE	32
24102820040	SOURAV DAS	33
24102820041	PARTHA SARATHI BAG	24
24102820042	SUMAN JANA	35
24102820043	RAJDEEP MOHANTA	36
24102819013	Debjyoti chowdhury	32
24102819014	Sourin Sen	28
24102819015	Sanjoy Debnath	31
24102819016	Priyabrata kanur	34
24102819017	Shilpi paul	32
24102819018	Safia khatun	31
24102819019	Sayan Datta	36
24102819020	Arindam Das	36
24102819021	Chanchal Kumarachal	32
24102819022	Avik Dey	30
24102819023	Paramita Barui	29
24102819024	Tithi Das	36
24102820044	SANTANU KHAN	36
24102820045	SHOUVIK MONDAL	31
24102820046	RIMA MONDAL	22
24102820047	ANIRUDDHA KAYET	30
24102820048	DEBABRATA DEY	33
24102820049	ARIJIT PAUL	34
24102820050	SOURMEN HALDER	35
24102820051	SAYAN BERA	36
24102820054	ANIRBAN KARMAKAR	22
24102820055	SHUVA DEY	32
24102820056	MD ZEESHAN RAZA	31
24102820057	SUVRO DAS	30
24102820058	SANKHA DAS	30
24102820059	PRADIP LAYEK	31
24102820060	SARBOJIT PAUL	32
24102820061	SUBHAM MONDAL	33
24102819037	Soumitra Sahoo	30
24102819039	Sudip Giri	31
24102819040	Sumit Jana	31

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SA
1/3/23

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
(Formerly Known as West Bengal University of Technology)



SUBJECT WISE PRACTICAL MARKS

College Name : SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY (241)

Course : Bachelor of Technology in Civil Engineering (013)

Semester : Fifth Semester

Subject Name : SOIL MECHANICS LAB II - CE591

Session : 2022-23

Marks For : Practical - Internal (Phase-I)

Name of Teacher : Rituparna Dey

Sr. No.	Roll No. / NAME	MARKS
1	24101317052 - Pritam Das	38

TOTAL MARKS ENTERED : 1 out of 1

Total Student Enrolled : 1

Total Submitted : 1

Total Zero marks filled : 0

Total Absent Marks Filled 0


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(Formerly Known as West Bengal University of Technology)



SUBJECT WISE PRACTICAL MARKS

College Name : SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY (241)

Course : Bachelor of Technology in Civil Engineering (013)

Semester : Fifth Semester

Subject Name : Soil Mechanics Laboratory - CE(PC)594

Session : 2022-23

Marks For : Practical - Internal (Phase-I)

Name of Teacher : Rituparna Dey

Sr. No.	Roll No. / NAME	MARKS
1	24101320001 - SALMA KHATUN	30
2	24101320004 - SAYTIK SARKAR	32
3	24101320005 - SURYA PRAKASH MEHTA	38
4	24101320006 - ANIRBAN CHAKRABORTY	32
5	24101320007 - SANKET CHAKRABORTY	40
6	24101320008 - GHALIB IRSHAD	40
7	24101320009 - SUBHANKAR PAL	38
8	24101320010 - RIYA DUTTA	32
9	24101320011 - SONI MANDAL	38
10	24101320038 - TIRTHARAJ DAS	22
11	24101321025 - AKSHMIT KUMAR	22
12	24101321026 - AKASH ROY	22
13	24101321027 - AMIT MAITY	22
14	24101321028 - ANGANA ROY	22
15	24101321029 - ARGHADIP CHATTERJEE	40
16	24101321030 - AYANTIKA DAS	40
17	24101321031 - ATANU BHOWMIK	22
18	24101321032 - BHASKAR MONDAL	32
19	24101321033 - DEBOLEENA DAS	38
20	24101321034 - HIMADRI PRAMANIK	40
21	24101321035 - HRIDAM MUKHERJEE	38
22	24101321036 - JAYDIP KUMAR KUNDU	38
23	24101321037 - MD FARUK	32

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SUBJECT WISE PRACTICAL MARKS

College Name : SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY (241)

Course : Bachelor of Technology in Civil Engineering (013)

Semester : Fifth Semester

Subject Name : Soil Mechanics Laboratory - CE(PC)594

Session : 2022-23

Marks For : Practical - Internal (Phase-I)

Name of Teacher : Rituparna Dey

Sr. No.	Roll No. / NAME	MARKS
24	24101321038 - PRADIPTA KARAK	32
25	24101321039 - RAJ BHAGAT	32
26	24101321040 - RAJDEEP GHOSH	32
27	24101321041 - SAGNIK BASU	38
28	24101321042 - SUDIPTA MAZUMDER	22
29	24101321043 - SURAJIT GHORAI	32
30	24101321044 - SURAJIT ROY	32
31	24101321045 - TANOY MANNA	32
32	24101321046 - UTSAB BHATTACHARJEE	35
33	24101321047 - SURAJ DAS	32
34	24101321048 - RAJA RUDRA	22
35	24101321049 - ANINDYA SUNDAR GUPTA	22
36	24101321050 - RIJU SAHA	22
37	24101321052 - SUMON ROY	22
38	24101321053 - HRIDDHIMAN BAG	32
39	24101321054 - ATANU MISHRA	22
40	24101321056 - MAINAK CHAKRABORTY	36
41	24101321059 - SK IKRARUL HODA	22
42	24101321060 - SK ATAB	22
43	24101321061 - MONTAZ ALI MONDAL	32
44	24101321062 - MITHUN CHANDRA MAHATO	36
45	24101321063 - ROBIN CHAURASIA	36
46	24101321064 - RAHUL GHOSH	22

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SUBJECT WISE PRACTICAL MARKS

College Name : SWAMI VIVEKANANDA INSTITUTE OF SCIENCE & TECHNOLOGY (241)

Course : Bachelor of Technology in Civil Engineering (013)

Semester : Fifth Semester

Subject Name : Soil Mechanics Laboratory - CE(PC)594

Session : 2022-23

Marks For : Practical - Internal (Phase-I)

Name of Teacher : Rituparna Dey

Sr. No.	Roll No. / NAME	MARKS
47	24101321066 - TUSHAR GHOSH	22
48	24101321067 - BISWAJIT ROY	32
49	24101321068 - ARUP PRAMANIK	22
50	24101321069 - PIKU MONDAL	30
51	24101321070 - SHRAYASHREE MANDAL	35
52	24101321071 - RUMI SARKAR	33
53	24101321072 - SANJIB MONDAL	22
54	24101321073 - SAYAN HALDER	22
55	24101321074 - SHOVAN KUNDU	32
56	24101321075 - ABHRANIL DAS	32
57	24101321076 - ASHISH KUMAR MONDAL	22
58	24101321077 - SUBRATA MONDAL	22
59	24101321078 - SPANDITA NASKAR	33
60	24101321079 - RANJIT SARDAR	32
61	24101321080 - IRISH DEBBARMA	22


TOTAL MARKS ENTERED : 61 out of 61

Total Student Enrolled : 61

Total Submitted : 61

Total Zero marks filled : 0

Total Absent Marks Filled : 0


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APPROVED BY AICTE & AFFILIATED TO MAKAUT AND
WBSCTE
DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

Course Name: B. Tech
Assignment-1

Paper Name: Values and Ethics Paper Code: HU301
Branch: ECE Year: 2nd Session: 2018-2019 Full Marks: 10

Answer all questions

- A. What are the different types of goals?
- B.
1. What is your goal?
 2. How much time will you take to achieve your goal?
 3. What are the hurdles you might come across to achieve your goal?
 4. Why do you want to achieve the goal?

or

How will you feel after achieving your goal?

C. Make sentences with the following words: - student, door, hobby, confident, understand, popular, football, newspaper, college, travel.

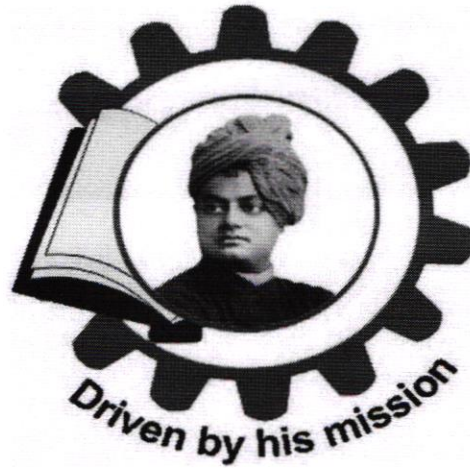
D.

1. What is an idiom?
2. Give examples of idioms.
3. Make sentences with idioms.

E. Write short notes on Eisenhower matrix.


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Swami Vivekananda Institute of Science and Technology



Name – Raja Gazi

University Roll No- 24100118032

Dept – CSE (Internal Assessment 1)

Subject Name – Values and Ethics

Subject Code – HU 301

Academic Year – 2018-19

Sybil



Pallab

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'GOAL SETTING' : ^(A)

- A) Types of Goal :
- ① Personal Goal
 - ② Career Goal
 - ③ Fitness Goal
 - ④ Societal Goal (Goals contribute to society)

- B) Questions :
- 1) What is my goal?
 - 2) How much time will I take to achieve my goal? (estimated time)
 - 3) What are the hurdles I might come across while achieving the goal?
 - 4) Why do I want to achieve the goal?
[OR] How will you feel after achieving your goal?

Solutions :

① 'PERSONAL GOAL'

- > My Personal Goal is to learn more, become a good listener and also to achieve financial stability.
- > I will take minimum four years to achieve my personal goal.
- > I might come across many hurdles :
 - (a) Lack of creativity
 - (b) Confidence lagging
 - (c) Time traps
 - (d) Focus follies.
- > I want to achieve the goal as it will make my life easier and happier.
I will feel satisfied after achieving my personal goal.

② 'CARRIER GOAL'

- 1) My carrier goal is to get a good job after becoming a successful and employable engineer.
- 2) I will take minimum four years to achieve my carrier goal.
- 3) I might come across many hurdles :
 - (a) Lack of creativity
 - (b) Financial Problems
 - (c) Time traps.
 - (d) Lack of confidence.
- 4) I want to achieve my goal as it is my dream to become an engineer.
I will feel satisfied after achieving my carrier goal as it will make my life easier and happier.

③ 'FITNESS GOAL'

- 1) My fitness goal is to build up a strong and healthy body
- 2) I will take minimum one year to achieve my fitness goal.
- 3) I might come across many hurdles :
 - (a) Lack of confidence.
 - (b) Focus follies.
 - (c) Time traps
- 4) I want to achieve my goal as it is my dream to build up a strong and healthy body.
I will feel satisfied after achieving my fitness goals as it will make my life happier.

④ 'SOCIAL GOAL'

- 1) My Social Goal is to donate a portion of my income to charity (orphanages). During natural disasters, I also want to help the affected victims by donating food and clothes.
- 2) I can achieve my social goals after I get financial stability by achieving my job. So, it will take minimum four years.
- 3) I will not come across any obstacle while achieving my social goal.
- 4) I will feel satisfied after achieving my social goals and it will give me peace.

⑤ 'MAKE SENTENCES':

- 1) Student - Students are the backbone of the society.
- 2) Door - The creaking sound of the door awakened the baby.
- 3) Hobby - Reading storybooks in leisure time is a good hobby.
- 4) Confident - The Indian Cricket Team is confident ^{enough} to win the match today.
- 5) Understand - The student could not understand the lesson as he was not present in the class.
- 6) Popular - Vasco Da Gama became very popular with the sailors during his time.
- 7) Football - The children were playing football in the ground.
- 8) Newspaper - His habit is to read the newspaper daily.
- 9) College - College life is a memorable part of the human life.
- 10) Travel - They have been travelling for ten hours.

① 'IDIOMS' :

1) Definition: An expression whose meaning is different from the meanings of the individual words in it is called Idiom.

2) Examples: "Cake walk" [means easy]

- 3) List of Idioms:
- ① Pull yourself together
 - ② Be in two minds.
 - ③ To have a lot on one's plate.
 - ④ To have cold feet.
 - ⑤ Take a rain check on something
 - ⑥ To pay an arm and a leg for something.
 - ⑦ Food for thought.

3) Make Sentences With Idioms:

- 1) I know its difficult to get over your loss, but try to pull yourself together and get on the life.
- 2) I was in two minds about leaving Kolkata during Durga Puja.
- 3) I have a lot on my plate right now, so, I can't go to the party tonight.
- 4) I was going to try swimming, but I got cold feet.
- 5) I'm sorry, but I will take a rain check for dinner this Sunday.
- 6) You shouldn't pay an arm and a leg for a smartphone.
- 7) The solicitors advice gave me food for thought.

(E) 'EISENHOWER MATRIX' :

	Urgent	Not So Urgent
Important	① Attending college classes regularly. ② Submitting projects and assignments on time. ③ Studying daily notes <div style="text-align: center; border: 1px solid black; padding: 2px;">Do</div>	① Playing outdoor games. ② Doing exercise and yoga ③ Soft skills (practical based classes) <div style="text-align: center; border: 1px solid black; padding: 2px;">Decide</div>
Not So Important	<div style="text-align: center; border: 1px solid black; padding: 2px;">Delegate</div> ① Submission of photographs for competition. ② Submission of Painting for Painting competition. ③ Submission of articles for Wall Magazine.	① Mobile surfing. ② Talking unnecessarily on mobile. ③ Listening music. ④ Playing video games. <div style="text-align: center; border: 1px solid black; padding: 2px;">Delete</div>


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Swami Vivekananda Institute of Science & Technology
Department of Electronics and Communication Engineering

SUBJECT: CONTROL SYSTEM & INSTRUMENTATION

PAPER CODE: EC 601

ACADEMIC YEAR: 2021-2022

ASSIGNMENT NO: 01

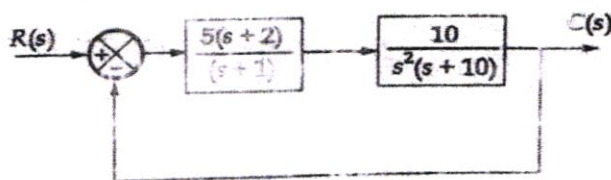
CO: 2

NAME: Prantik Ghosh

ROLL NO.: 24100319020

Write the solution to the problems

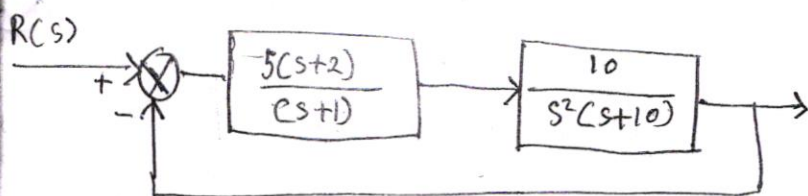
1. Consider the following block diagram, which of the following statements is true for the system



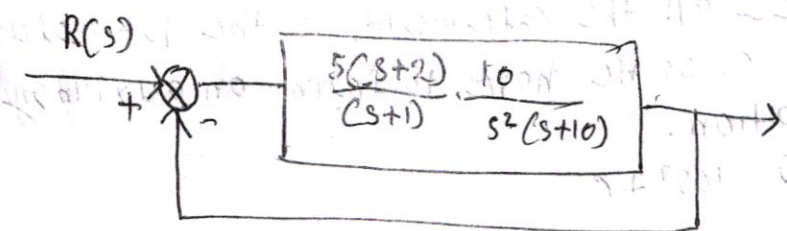
- a) Open loop system is stable b) Closed loop system is stable
b) Both (a) and (b) d) Neither (a) nor (b)
2. The value of K for which the unity feedback system $G(s) = \frac{K}{s(s+2)(s+4)}$ crosses the imaginary axis is
a) 2 b) 4 c) 6 d) 48
3. The open-loop transfer function of a unity feedback system is $G(s) = \frac{K}{s(s^2+s+2)(s+3)}$
The range of K for which the system is stable is
a) $21/4 > K > 0$
b) $13 > K > 0$
c) $21/4 < K < \infty$
d) $-6 < K < \infty$
4. For the polynomial $P(s) = s^5 + s^4 + 2s^3 + 2s^2 + 3s + 15$, the number of roots which lie in the right half of the s-plane is
a) 4
b) 2
c) 3
d) 1
5. The characteristic equation of a system is given as $s^3 + ps^2 + (3+K)s + 2(K+1) = 0$. If the system is marginally stable and oscillating with a frequency of 2.5 rad/sec, then the value of K is
a) 6.25
b) 2.5
c) 3.25
d) 3

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step-1



$$G(s) = \frac{5(s+2)}{(s+1)} \cdot \frac{10}{s^2(s+10)}$$

The characteristic equation

$$1 + G(s) = 0$$

$$1 + \frac{5(s+2)}{(s+1)} \times \frac{10}{s^2(s+10)} = 0$$

$$\Rightarrow \frac{(s+1)s^2(s+10) + 5(s+2) \times 10}{(s+1)s^2(s+10)} = 0$$

$$\Rightarrow s^4 + 10s^3 + s^3 + 10s^2 + 50s + 100 = 0$$

$$\Rightarrow s^4 + 11s^3 + 10s^2 + 50s + 100 = 0$$

From the equation

order of system = 4

Routh table

s^4	1	10	100
s^3	11	50	0
s^2	$\frac{60}{11}$	100	0
s^1	$\frac{1045}{3}$	0	0
s^0	100	0	0

∴ Since all the entries in the first column are positive or there is no sign change due to which there is no pole in the s-plane. Hence the system is stable.

For open loop system,

$$G(s) = \frac{50s + 100}{s^4 + 11s^3 + 10s^2}$$

Routh table

s^4	1	10
s^3	11	0
s^2	10	0
s^1	0	0
s^0		

∴ since all the elements in the 1st col are 0, so we have to form an auxiliary equation.

$$∴ A(s) = 10s^2 + 0$$

$$\frac{dA}{ds} = 20s$$

Now,

s^4	1	11
s^3	10	0
s^2	10	0
s^1	20	0
s^0	0	0

After forming auxiliary equation, all the elements in the 1st column are 0, so the system is marginally stable for open loop system.

So, the correct option is:

b) closed loop system is stable.

2) $G(s) = \frac{k}{s(s+2)(s+4)}$, $k = ?$

For unity feedback system $H(s) = 1$

so,

The characteristics equation is,

$$1 + G(s)H(s) = 0$$

$$1 + \frac{k}{s(s+2)(s+4)}$$

$$\Rightarrow s^2(s+4) + 2s(s+4) + k = 0$$

$$\Rightarrow s^3 + 4s^2 + 2s^2 + 8s + k = 0$$

$$\Rightarrow s^3 + 6s^2 + 8s + k = 0$$

order of system = 3

4th table

s^3	1	8	
s^2	6	k	
s^1	$\frac{48-k}{6}$	0	
s^0	k	0	

Now,

$$\frac{48-k}{6} = 0$$

$$\Rightarrow 48 - k = 0$$

$$\Rightarrow k = 48$$

$$k = 48$$

$$G(s) = \frac{k}{s(s^2 + s + 2)(s+3)}, \quad k = ?$$

For unity feedback system $H(s) = 1$

So, the characteristic equation is, $1 + G(s)H(s) = 0$

$$1 + \frac{k}{s(s^2 + s + 2)(s+3)} = 0$$

$$\Rightarrow s^4 + s^3 + 2s^2 + 3s^3 + 3s^2 + 6s + k = 0$$

$$\Rightarrow s^4 + 4s^3 + 5s^2 + 6s + k = 0$$

order is 4

Routh table

s^4	1	5	k	
s^3	4	6	0	
s^2	$\frac{7}{2}$	k	0	
s^1	$\frac{42-8k}{7}$	0	0	
s^0	k	0	0	

For stability,

$$\frac{42-8k}{7} > 0$$

$$42 - 8k > 0$$

$$42 > 8k$$

$$\frac{21}{4} > k$$

$$\text{Ans} - \frac{21}{4} > k > 0$$

4) $P(s) = s^5 + s^4 + 2s^3 + 2s^2 + 3s + 15$

Routh Table

s^5	1	2	3
s^4	1	2	15
s^3	-12	0	
s^2	$2(-12)$	15	
s^1	-12	0	0
s^0	15	0	0

∴ since, No. of sign changes is 2,
No. of poles is 2.

∴ (b) 2

5) $s^3 + ps^2 + (3+k)s + 2(k+1) = 0$

Routh table

s^3	1	$3+k$
s^2	p	$2(k+1)$
s^1	$\frac{p(3+k) - (k+1)2}{p}$	0
s^0	$2(k+1)$	0

As, system is marginally stable

$$\frac{p(3+k) - 2(k+1)}{p} = 0$$

$$\Rightarrow p(3+k) = 2(k+1)$$

$$\Rightarrow p = \frac{2(k+1)}{3+k}$$

The auxiliary equation becomes.

$$ps^2 + 2(k+1) = 0$$

$$\frac{2(k+1)}{3+k} s^2 + 2(k+1) = 0$$

$$\Rightarrow \frac{2(k+1)}{3+k} s^2 = -2(k+1)$$

$$\Rightarrow s^2 = -3 - i\sqrt{...}$$

or,

$$\sqrt{3+k} = 2.5$$

square both side,

$$\Rightarrow 3+k = 6.25$$

$$\Rightarrow k = 3.25$$

∴ Ans (c) 3.25

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