



# ವಿಶ್ವೇಶ್ವರಯ್ಯತಾಂತ್ರಿಕವಿಶ್ವವಿದ್ಯಾಲಯ

ವಿಟಿಯುಅಧಿನಿಯಮಂ ೯೯೪ ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯವಿಶ್ವವಿದ್ಯಾಲಯ

## VISVESVARAYA TECHNOLOGICAL UNIVERSITY

State University of Government of Karnataka Established as per the VTU Act, 1994 "JnanaSangama" Belagavi-590018, Karnataka, India

Prof. B. E. Rangaswamy, Ph.D  
REGISTRAR

Phone: (0831) 2498100  
Fax: (0831) 2405467

REF: VTU/BGM/GC/2023/ 712

DATE: 9 MAY 2023

### Revised-NOTIFICATION

**Subject:** Tentative Academic Calendar of II Semester B.E./B.Tech., B.Arch and B.Plan and IV semester B.E./B.Tech., programs of University regarding...

**Reference:** Hon'ble Vice-Chancellor's approval dated: 9 MAY 2023

The computer-Aided Engineering Drawing (BCEDK103) examinations of II semester B.E./B.Tech., programs are scheduled between 15.05.2023 to 24.05.2023. A revised Academic Calendar (Tentative) of II Semester B.E./B.Tech., B.Arch and B.Plan and IV semester B.E./B.Tech., programs of the University for the academic year 2022-23 are hereby notified as mentioned below;

(Tentative) Academic Calendar for semesters of II semester B.E./B.Tech./B.Arch./B.Plan and IV semester B.E./B.Tech., Programs for AY 2022-23 (May 2023)			
	II Semester B.E./B.Tech. (2022 scheme)	II Semester B. Arch, B. Plan (2021 scheme)	IV Semester B.E./ B.Tech (2021 scheme)
Commencement of the semester	25.05.2023	17.05.2023	17.05.2023
Internship	-----	-----	17.05.2023 To 03.06.2023
Commencement of the Classes	25.05.2023	17.05.2023	05.06.2023
Last Working day of the Semester	09.09.2023	31.08.2023	16.09.2023
Practical Examination/Viva Examination	11.09.2023 To 20.09.2023	01.09.2023 To 08.09.2023	19.09.2023 To 30.09.2023
Theory Examinations	21.09.2023 To 21.10.2023	11.09.2023 To 27.09.2023	03.10.2023 To 20.10.2023
Commencement of next Semester	25.10.2023	09.10.2023	25.10.2023

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**Please Note:**

- The academic sessions for EVEN semesters should commence on the **date mentioned** above. The **induction program** shall be conducted for 10 days for 2nd-semester students. Scheduling the induction program's activities during the afternoon session in the 1st week is advised, the remaining sessions of induction programs shall be planned on Saturdays. The colleges must email a brief report to **sbhalbhavi@vtu.ac.in** after completing the Induction program
- The college may hold extra classes on Saturdays and Sundays to complete academic activities within the specified timeframe.
- The faculty/staff shall be available to undertake any work assigned by the university.
- University Examination Calendars will be published by the Registrar (Evaluation) from time to time.
- The Academic Calendar may be modified as MHRD/UGC/AICTE/state governments issue guidelines/directives in the future.
- Academic calendars are also applicable to autonomous colleges. If any changes are to be made by Autonomous colleges in the academic terms and examination schedule, they could do so with the approval of the university
- If any clarification/correction/suggestions, please email **sbhalbhavi@vtu.ac.in**

The principals of engineering colleges under the ambit of the University, are hereby informed to bring the academic calendar to the notice of all concerned. The Chairpersons of the PG department of the University where UG programs are offered are hereby informed to bring the academic calendar to the notice of the all concerned

The Directors of Schools of Architecture and Planning under the ambit of the university are hereby informed to bring the academic calendar to the notice of all concerned.

Sd/-

REGISTRAR

To,

1. The principal of all engineering colleges, Directors of Schools of Architecture and Planning, under the ambit of VTU Belagavi. The Chairperson of the PG Department of the university.

Copy to.

1. To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information
2. The Registrar (Evaluation), VTU Belagavi for information.
3. The Regional Directors (I/c) of all the regional offices of VTU for circulation.
4. The Director I/c. ITI SMU, VTU Belagavi for information and to make arrangements to upload Academic Calendar on the VTU web portal.
5. The Director of Physical Education, VTU Belagavi for information
6. The Director of Central Placement Officer VTU Belagavi for information
7. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

Rao B.E  
09/05/23  
REGISTRAR  
A.





# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

## VISVESVARAYA TECHNOLOGICAL UNIVERSITY

(State University of Government of Karnataka Established as per the VTU Act, 1994)

"JnanaSangama" Belagavi-590018, Karnataka, India

**Prof. Dr. B. E. Rangaswamy, Ph.D.**  
REGISTRAR

Phone : (0831) 2498100  
Fax : (0831) 2405467

REF: VTU/BGM/ACA/2022-23/ 7119

DATE: 2 MAR 2023

### NOTIFICATION

- Subject:** Tentative Academic Calendar of II and IV sem B.Sc (Hon), VI sem B.E./B.Tech., B.Plan, B.Arch programs of University regarding...
- Reference:** Hon'ble Vice-Chancellor's approval dated: 01.03.2023

The tentative academic calendar concerned to II and IV sem B.Sc (Hon), VI sem B.E./B.Tech., B.Plan, B.Arch., programs of University for academic year 2022-23 are hereby notified as mentioned in Annexure-I;

The Principals/ Directors of all Engineering Colleges/Schools of Architecture, under the ambit of University are hereby informed to bring the academic calendar to the notice of all concerned.

Sd/-  
REGISTRAR

To,

1. The Principals all Engineering Colleges under the ambit of University
2. The Director of all school of Architecture under the ambit of University
3. The chairperson/Program coordinator of MBA(IEV) program VTU Belagavi

Copy to.

1. To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information
2. The Registrar (Evaluation), VTU Belagavi for information.
3. The special Officer QPDS section VTU Belagavi
4. The Regional Directors (I/c) of all the regional offices of VTU for circulation.
5. The Director I/c. ITI SMU, VTU Belagavi for information and to make arrangements to upload Academic Calendar on the VTU web portal.
6. The Director of Physical Education, VTU Belagavi for information
7. The Director, Central Placement Cell, VTU Belagavi
8. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

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**Annexure-I**  
**Tentative Academic Calendar for academic year 2022-23**

	II sem B.Sc.(Hon)	IV sem B.Sc (Hon)	VI sem B.E./B.Tech	VI sem B.Plan	#VI sem B.Arch.
Commencement of semester Classes	06.03.2023 ✓	20.03.2023 ✓	20.03.2023 ✓	20.03.2023 ✓	20.03.2023 ✓
Last Working day of the Semester	30.06.2023 ✓	10.07.2023 ✓	10.07.2023 ✓	10.07.2023 ✓	10.07.2023 ✓
Practical Examination/Viva Examination	03.07.2023 To 07.07.2023 ✓	11.07.2023 To 15.07.2023 ✓	11.07.2023 To 21.07.2023 ✓	11.07.2023 To 21.07.2023 ✓	11.07.2023 To 21.07.2023 ✓
Theory Examinations	10.07.2023 To 25.07.2023 ✓	17.07.2023 To 31.07.2023 ✓	24.07.2023 To 12.08.2023 ✓	24.07.2023 To 12.08.2023 ✓	24.07.2023 To 12.08.2023 ✓
Internship	-----	-----	04 weeks 09.09.2023 ✓	06 weeks 16.09.2023 ✓	-----
Commencement of next Semester	01.08.2023 ✓	01.08.2023 ✓	11.09.2023 ✓	19.09.2023 ✓	16.08.2023 ✓

# Academic calendar already notified vide VTU/BGM/ACA/2022-23/6889, dated 15.02.2023

**Please Note:**

- The academic sessions should commence on the **date mentioned** above.
- If required, the college can also plan to have extra classes on Saturday(1<sup>st</sup> and 3<sup>rd</sup>) and Sundays full day to complete academic activities within the duration mentioned.
- The faculty/staff shall be available to undertake any work assigned by the university.
- Notification regarding the Calendar of Events relating to the conduct of University **Examinations** will be issued by the Registrar (Evaluation) from time to time.
- Academic Calendar **may be modified** based on guidelines/directions issued in the future by MHRD/UGC/AICTE/State Government.
- Academic Calendar is also applicable for **Autonomous Colleges**. If any changes are to be effected by Autonomous Colleges in the academic terms and examination schedule, they could do so with the approval of the University.
- If any clarification/correction, please email to – [sbhalbhavi@vtu.ac.in](mailto:sbhalbhavi@vtu.ac.in)

**REGISTRAR**







# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

## VISVESVARAYA TECHNOLOGICAL UNIVERSITY

(State University of Government of Karnataka Established as per the VTU Act, 1994)

"JnanaSangama" Belagavi-590018, Karnataka, India

Prof. Dr. B. E. Rangaswamy, Ph.D.  
REGISTRAR

Phone: (0831) 2498100  
Fax : (0831) 2405467

REF: VTU/BGM/ACA/2022-23/ 6566

DATE: 3 FEB 2023

### NOTIFICATION

- Subject:** Tentative Academic Calendar of VIII semesters of B.E./ B.Tech.,  
B.Arch., B. Plan programs of University regarding...
- Reference:** Hon'ble Vice-Chancellor's approval dated: 03.02.2023

The tentative academic calendar concerned to VIII semesters of B.E./B.Tech.,  
B. Arch., and B. Plan programs of University for academic year 2022-23 are hereby  
notified as mentioned below;

(Tentative) Academic Calendar for semesters of all VIII Semester UG Programs (Feb 2023)			
	B.E./B.Tech.	B.Arch	B.Plan
Commencement of 8 <sup>th</sup> semester Classes	13.02.2023	13.02.2023	13.02.2023
Last Working day of 8 <sup>th</sup> Semester	13.05.2023	13.05.2023	13.05.2023
Practical Examination/Viva Examination	05.06.2023 To 13.06.2023	16.05.2023 To 26.05.2023	----
Theory Examinations	16.05.2023 To 01.06.2023	29.05.2023 To 10.06.2023	16.05.2023 To 01.06.2023
Commencement of next Semester	---	-----	-----

#### Please Note:

- The academic sessions for VIII semester should commence on the **date mentioned** above.
- The Institute needs to function for **six days** a week with Saturday being half working day. #if required, the college can also plan to have extra classes on Saturday afternoons and Sundays full day to complete academic activities within the duration mentioned. This will facilitate the final year students for appearing competitive examination for their career and also helps in seeking admission abroad.



- The faculty/staff shall be available to undertake any work assigned by the university.
- Notification regarding the Calendar of Events relating to the conduct of University **Examinations** will be issued by the Registrar (Evaluation) from time to time.
- Academic Calendar **may be modified** based on guidelines/directions issued in the future by MHRD/UGC/AICTE/State Government.
- Academic Calendar is also applicable for **Autonomous Colleges**. If any changes are to be effected by Autonomous Colleges in the academic terms and examination schedule, they could do so with the approval of the University.
- If any clarification/correction, please email to - **sbhvtuso@yahoo.com**

The Principals/ Directors of Schools of Architecture, under the ambit of University are hereby informed to bring the academic calendar to the notice of all concerned.

Sd/-

REGISTRAR

To,

1. The Principals / Directors, Schools of Architecture under the ambit of VTU Belagavi.

Copy to.

1. To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information
2. The Registrar (Evaluation), VTU Belagavi for information.
3. The Regional Directors (I/c) of all the regional offices of VTU for circulation.
4. The Director I/c. ITI SMU, VTU Belagavi for information and to make arrangements to upload Academic Calendar on the VTU web portal.
5. **The Director of Physical Education, VTU Belagavi for information**
6. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

  
REGISTRAR 3.2.23  






# K. S. INSTITUTE OF TECHNOLOGY, BENGALURU-560109

TENTATIVE CALENDAR OF EVENTS: IV EVEN SEMESTER (2022-2023)

SESSION: MAY TO SEP 2023

Week No.	Month	Day						Days	Activities
		Mon	Tue	Wed	Thu	Fri	Sat		
1	MAY			17*	18	19	20DH	3	17* - Commencement of IV Sem
2	MAY	22	23	24	25	26	27	6	27-Tuesday Time Table
3	MAY/JUN	29	30	31	1	2	3DH	5	
4	JUN	5	6	7	8	9	10	6	10-Wednesday Time Table
5	JUN	12	13	14	15	16 TA	17DH	5	
6	JUN	19 T1	20 T1	21 T1	22	23	24	6	24-Tuesday Time Table
7	JUN/JULY	26	27	28 BV	29H	30 * FFB1	1DH	4	29 - Bakrid 30 - First Faculty Feed Back
8	JULY	3 LT1	4 LT1	5 LT1	6 ASD	7	8	6	8-Wednesday Time Table
9	JULY	10	11	12	13	14	15DH	5	
10	JULY	17	18	19	20	21	22	6	22- Tuesday Time Table
11	JULY	24	25	26	27	28 TA	29H	5	29- Moharam
12	JULY/AUG	31 T2	1 T2	2 T2	3	4	5	6	5- Monday Time Table
13	AUG	7	8	9 BV	10	11 ASD	12 DH	5	
14	AUG	14	15 H	16	17 * FFB2	18	19	5	15 - Independence Day 17 - Second Faculty Feed Back 19- Monday Time Table
15	AUG	21	22	23	24	25	26 DH	5	
16	AUG/SEP	28	29	30	31	1	2	6	2- Wednesday
17	SEP	4	5	6 T3	7 T3	8 T3	9 DH	5	
18	SEP	11LT2	12LT2	13LT2	14	15	16*	6	16- Thursday Time Table 16* - Last Working day

**Total No of Working Days : 95**

Total Number of working days ( Excluding holidays and Tests)=80

H	Holiday
BV	Blue Book Verification
T1,T2,T3	Tests 1,2,3
ASD	Attendance & Sessional Display
DH	Declared Holiday
LT1, 2	Lab Test 1,2
TA	Test attendance

Monday	15
Tuesday	15
Wednesday	16
Thursday	17
Friday	17
<b>Total</b>	<b>80</b>

**PRINCIPAL**  
**K.S. INSTITUTE OF TECHNOLOGY**  
**BENGALURU - 560 109.**





**K. S. INSTITUTE OF TECHNOLOGY, BENGALURU-560109**  
**REVISED TENTATIVE CALENDAR OF EVENTS: VI EVEN SEMESTER (2022-2023)**  
**SESSION: MARCH TO JULY 2023**

Week No.	Month	Day						Days	Activities
		Mon	Tue	Wed	Thu	Fri	Sat		
1	MAR	20*	21	22 H	23	24	25	5	20* - Commencement of VI Sem 22- Ugadi 25-Monday Time Table
2	MAR/APR	27	28	29	30	31	1	6	1-Monday Time Table
3	APR	3H	4	5	6	7H	8DH	3	3-Mahaveera Jayanthi 7-Good Friday
4	APR	10	11	12	13	14H	15 TA	5	14-Dr. B R Ambedkar Jayanthi 15-Monday Time Table
5	APR	17T1	18T1	19T1	20	21	22DH	5	
6	APR	24BV	25* FFB1	26 ASD	27	28	29	6	25* - First Faculty Feed Back 29-Friday Time Table
7	MAY	1H	2	3	4	5	6	5	1-May Day 6 - Wednesday Time Table
8	MAY	8	9	10	11	12	13	6	13-Friday Time Table
9	MAY	15	16	17	18	19	20DH	5	
10	MAY	22 LT1	23 LT1	24 LT1	25	26	27	6	27-Tuesday Time Table
11	MAY/JUN	29	30	31	1	2 TA	3DH	5	
12	JUN	5T2	6T2	7T2	8	9	10	6	6 - Second Faculty Feed Back 10-Wednesday Time Table
13	JUN	12 BV	13* FFB2	14 ASD	15	16	17DH	5	
14	JUN	19	20	21	22	23	24	6	24-Tuesday Time Table
15	JUN/JULY	26	27	28	29H	30 LT2	1DH	4	29 - Bakrid
16	JULY	3 LT2	4 LT2	5 LT2	6 T3	7 T3	8 T3	6	8-Wednesday Time Table
17	JULY	10*						1	10* - Last Working day

**Total No of Working Days : 85**

Total Number of working days ( Excluding holidays and Tests)=70

<b>H</b>	Holiday
<b>BV</b>	Blue Book Verification
<b>T1,T2,T3</b>	Tests 1,2,3
<b>ASD</b>	Attendance & Sessional Display
<b>DH</b>	Declared Holiday
<b>LT1</b>	Lab Test 1
<b>TA</b>	Test attendance

Monday	13
Tuesday	13
Wednesday	13
Thursday	15
Friday	16
<b>Total</b>	<b>70</b>

PRINCIPAL  
**K.S. INSTITUTE OF TECHNOLOGY**  
**BENGALURU - 560 109.**





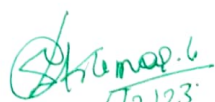
**K. S. INSTITUTE OF TECHNOLOGY, BENGALURU-560109**  
**TENTATIVE CALENDAR OF EVENTS: VIII EVEN SEMESTER (2022-2023)**  
**SESSION: FEB 2023 – MAY 2023**

Week No.	Month	Day						Days	Activities
		Mon	Tue	Wed	Thu	Fri	Sat		
1	FEB	13	14	15	16	17	18 DH	5	18- Maha Shivaratri
2	FEB	20	21	22	23	24	25	6	25- Wednesday Time Table
3	FEB/MAR	27	28	1	2 BV	3 ASD	4 DH	5	
4	MAR	6	7	8	9	10	11TA	6	11 - Tuesday Time Table
5	MAR	13T1	14T1	15	16	17	18 DH	5	
6	MAR	20BV	21* FFB1	22 H	23ASD	24	25	5	21* - First Faculty Feed Back 22- Ugadi 25-Monday Time Table
7	MAR/APR	27	28	29	30	31	1	6	1-Monday Time Table
8	APR	3H	4	5	6	7H	8DH	3	3-Mahaveera Jayanthi 7-Good Friday 8-Friday Time Table
9	APR	10	11	12	13TA	14H	15	5	14-Dr. B R Ambedkar Jayanthi 15-Monday Time Table
10	APR	17T2	18T2	19	20	21	22DH	5	
11	APR	24BV	25* FFB2	26ASD	27	28	29	6	25* - Second Faculty Feed Back 29-Friday Time Table
12	MAY	1H	2	3	4	5	6DH	4	1-May Day
13	MAY	8	9	10	11T3	12T3	13*	6	13-Friday Time Table 13* - Last Working day
<b>Total No of Working Days : 67</b>									

Total Number of working days ( Excluding holidays and Tests)=61

<b>H</b>	Holiday
<b>BV</b>	Blue Book
<b>T1,T2,T3</b>	Tests 1,2,3
<b>ASD</b>	Attendance & Sessional Display
<b>DH</b>	Declared Holiday
<b>LT1</b>	Lab Test 1
<b>TA</b>	Test attendance

Monday	12
Tuesday	12
Wednesday	13
Thursday	12
Friday	12
<b>Total</b>	<b>61</b>

  
 6/2/23  
 PRINCIPAL  
 K.S. INSTITUTE OF TECHNOLOGY  
 BENGALURU - 560 109.





# K. S INSTITUTE OF TECHNOLOGY, BENGALURU-560109

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

TENTATIVE CALENDAR OF EVENTS: VIII EVEN SEMESTER (2022-2023)

SESSION: FEB 2023 – MAY 2023

Week No.	Month	Day						Days	Activities	Department Activities Tentative Dates
		Mon	Tue	Wed	Thu	Fri	Sat			
1	FEB	13	14	15	16	17	18 DH	5	18- Maha Shivaratri	
2	FEB	20	21	22	23	24	25	6	25- Wednesday Time Table	
3	FEB/MAR	27	28	1	2 BV	3 ASD	4 DH	5		
4	MAR	6	7	8	9	10	11 TA	6	11 - Tuesday Time Table	8th March Womens Day Under IEEE
5	MAR	13T1	14T1	15	16	17	18 DH	5		16th March Motivational Talk Under IEEE WIE, ASH
6	MAR	20 BV	21* FFB1	22 H	23 ASD	24	25	5	21* - First Faculty Feed Back 22- Ugadi 25-Monday Time Table	
7	MAR/APR	27	28	29	30	31	1	6	1-Monday Time Table	27th March to 1st April : Six Days FDP on Python and its Applications Under IEEE, ISTE, IETE, IEI
8	APR	3 H	4	5	6	7 H	8 DH	3	3-Mahaveera Jayanthi 7-Good Friday 8-Friday Time Table	6th April Humanitarian activity Under IEEE
9	APR	10	11	12	13 TA	14 H	15	5	14-Dr. B R Ambedkar Jayanthi 15-Monday Time Table	
10	APR	17 T2	18 T2	19	20	21	22 DH	5		
11	APR	24 BV	25* FFB2	26 ASD	27	28	29	6	25* - Second Faculty Feed Back 29-Friday Time Table	28th April & 29th April : Paper Presentation Under IEEE, ISTE, IETE, IEI
12	MAY	1 H	2	3	4	5	6 DH	4	1-May Day	3rd, 4th & 5th May Student Development Programme On Python Coding
13	MAY	8	9	10	11 T3	12 T3	13*	6	13-Friday Time Table 13* - Last Working day	

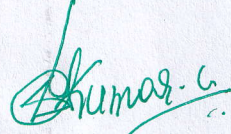
Total No of Working Days : 67

Total Number of working days ( Excluding holidays and Tests)=61

H	Holiday
BV	Blue Book Verification
T1,T2, T3	Tests 1,2, 3
ASD	Attendance & Sessional Display
DH	Declared Holiday
LT	Lab Test 1
TA	Test attendance

Monday	12
Tuesday	12
Wednesday	13
Thursday	12
Friday	12
Total	61

  
**HEAD OF THE DEPARTMENT**  
 Dept. of Electronics & Communication Engg  
 K.S. Institute of Technology  
 Bengaluru - 560 109

  
**PRINCIPAL**  
 K.S. INSTITUTE OF TECHNOLOGY  
 BENGALURU - 560 109.





# K. S INSTITUTE OF TECHNOLOGY, BENGALURU-560109

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

TENTATIVE CALENDAR OF EVENTS: VI EVEN SEMESTER (2022-2023)

SESSION: MARCH 2023 - JULY 2023

Week No.	Month	Day						Days	Activities	Department Activities Tentative Dates
		Mon	Tue	Wed	Thu	Fri	Sat			
1	MAR	20*	21	22 H	23	24	25	5	20* - Commencement of VI Sem 22- Ugadi 25-Monday Time Table	
2	MAR/ APR	27	28	29	30	31	1	6	1-Monday Time Table	27th March to 1st April : Six Days FDP on Python and its Applications Under IEEE, ISTE, IETE, IEI
3	APR	3H	4	5	6	7H	8DH	3	3-Mahaveera Jayanthi 7-Good Friday	6th April Humanitarian activity Under IEEE
4	APR	10	11	12	13	14H	15 TA	5	14-Dr. B R Ambedkar Jayanthi 15-Monday Time Table	
5	APR	17T1	18T1	19T1	20	21	22DH	5		
6	APR	24BV	25* FFB1	26 ASD	27	28	29	6	25* - First Faculty Feed Back 29-Friday Time Table	28th April & 29th April : Paper Presentation Under IEEE, ISTE, IETE, IEI
7	MAY	1H	2	3	4	5	6DH	4	1-May Day	3rd, 4th & 5th May Student Development Programme On Python Coding
8	MAY	8	9	10	11	12	13	6	13-Friday Time Table	
9	MAY	15	16	17	18	19	20 DH	5		
10	MAY	22 LT1	23 LT1	24 LT1	25	26 TA	27	6	27-Tuesday Time Table	27th May : Marathon Under IEEE, ISTE, IETE, IEI
11	MAY/J UN	29T2	30 T2	31 T2	1	2	3DH	4		1st June : Mini Project Under IEEE, ISTE, IETE, IEI 2nd June SPS DAY under IEEE
12	JUN	5 BV	6 * FFB2	7 ASD	8	9	10	6	6 - Second Faculty Feed Back 10-Wednesday Time Table	10th June Technical Talk Under IEEE, ISTE
13	JUN	12	13	14	15	16	17DH	5		
14	JUN	19	20	21	22	23	24	6	24-Tuesday Time Table	
15	JUN/ JULY	26 LT2	27 LT2	28 LT2	29H	30	1DH	5	29 - Bakrid	
16	JULY	3 T3	4 T3	5 T3	6	7	8	6	8-Wednesday Time Table	
17	JULY	10*						1	10* - Last Working day	

Total No of Working Days : 84

Total Number of working days ( Excluding holidays and Tests)=69

H	Holiday
BV	Blue Book Verification
T1,T2, T3	Tests 1,2, 3
ASD	Attendance & Sessional Display
DH	Declared Holiday
LT	Lab Test
TA	Test attendance

Monday	13
Tuesday	13
Wednesday	12
Thursday	15
Friday	16
<b>Total</b>	<b>69</b>

*[Signature]*  
**HEAD OF THE DEPARTMENT**  
 Dept. of Electronics & Communication Engg  
 K.S. Institute of Technology  
 Bengaluru - 560 109

*[Signature]*  
**PRINCIPAL**  
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 BENGALURU - 560 109.





# K. S INSTITUTE OF TECHNOLOGY, BENGALURU-560109

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

TENTATIVE CALENDAR OF EVENTS: IV EVEN SEMESTER (2022-2023)

SESSION: MAY TO SEP 2023

Week No.	Month	Day						Days	Activities	Department Activities Tentative Dates
		Mon	Tue	Wed	Thu	Fri	Sat			
1	MAY			17*	18	19	20 DH	3	17* - Commencement of IV Sem	
2	MAY	22	23	24	25	26	27	6	27-Tuesday Time Table	27th May : Marathon Under IEEE, ISTE, IETE, IEI
3	MAY/JUN	29	30	31	1	2	3 DH	5		1st June : Mini Project Under IEEE, ISTE, IETE, IEI 2nd June SPS DAY under IEEE
4	JUN	5	6	7	8	9	10	6	10-Wednesday Time Table	10th June Technical Talk Under IEEE, ISTE
5	JUN	12	13	14	15	16 TA	17 DH	5		
6	JUN	19 T1	20 T1	21 T1	22	23	24	6	24-Tuesday Time Table	
7	JUN/JULY	26	27	28 BV	29 H	30* FFB1	1 DH	4	29 - Bakrid 30 - First Faculty Feed Back	
8	JULY	3 LT1	4 LT1	5 LT1	6 ASD	7	8	6	8-Wednesday Time Table	
9	JULY	10	11	12	13	14	15 DH	5		
10	JULY	17	18	19	20	21	22	6	22- Tuesday Time Table	22nd July Technical Talk
11	JULY	24	25	26	27	28 TA	29 H	5	29- Moharam	
12	JULY/AUG	31 T2	1 T2	2 T2	3	4	5	6	5- Monday Time Table	3rd August to 8th August Placement Training
13	AUG	7	8	9 BV	10	11 ASD	12 DH	5		
14	AUG	14	15 H	16	17* FFB2	18	19	5	15 - Independence Day 17 - Second Faculty Feed Back 19- Monday Time Table	19th August Activities under NSS, Sports & Yoga
15	AUG	21	22	23	24	25	26 DH	5		
16	AUG/SEP	28	29	30	31	1	2	6	2- Wednesday	2nd September Mini Project Exhibition & Poster Presentation
17	SEP	4	5	6 T3	7 T3	8 T3	9 DH	5		
18	SEP	11LT 2	12LT 2	13LT 2	14	15	16*	6	16- Thursday Time Table 16* - Last Working day	

Total No of Working Days : 95

Total Number of working days ( Excluding holidays and Tests)=80

H	Holiday
BV	Blue Book Verification
T1, T2, T3	Tests 1,2, 3
ASD	Attendance & Sessional Display
DH	Declared Holiday
LT	Lab Test 1,2
TA	Test attendance

Monday	15
Tuesday	15
Wednesday	16
Thursday	17
Friday	17
<b>Total</b>	<b>80</b>

HEAD OF THE DEPARTMENT  
Dept. of Electronics & Communication Engg  
K.S. Institute of Technology  
Bengaluru - 560 109

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# K. S. INSTITUTE OF TECHNOLOGY, BANGALORE

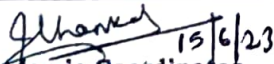
IV SEM

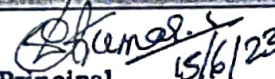
FIRST SESSIONAL TEST TIME TABLE (2022-2023)  
(EVEN SEMESTER 2023)

Date : 15/06/2023

DATE	TIME	ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	COMPUTER SCIENCE & DESIGN	COMPUTER SCIENCE & ENGG	ELECTRONICS & COMMUNICATION ENGG	MECHANICAL ENGG
26/06/2023 Monday	9:30 AM To 10:30 AM	<b>21CS41</b> Mathematical Foundations for Computing	<b>21CS41</b> Mathematical Foundations for Computing	<b>21CS41</b> Mathematical Foundations for Computing	<b>21EC41</b> Maths for Communication Engineers	<b>21ME41</b> Complex Analysis, Probability and Linear Programming.
	2:00 PM To 3:00 PM	<b>21CS42</b> Design and Analysis of Algorithms	<b>21CS42</b> Design and Analysis of Algorithms	<b>21CS42</b> Design and Analysis of Algorithms	<b>21EC42-</b> Digital Signal Processing	<b>21ME42</b> Machining Science and Jigs & Fixtures
27/06/2023 Tuesday	9:30 AM To 10:30 AM	<b>21CS43</b> Microcontroller and Embedded Systems	<b>21CS43</b> Microcontroller and Embedded Systems	<b>21CS43</b> Microcontroller and Embedded Systems	<b>21EC43</b> Circuits & Controls	<b>21ME43</b> Fluid Mechanics
	1:30 PM To 2:30 PM	<b>21BE45</b> Biology For Engineers	<b>21BE45</b> Biology For Engineers	<b>21BE45</b> Biology For Engineers	<b>21BE45</b> Biology For Engineers	<b>21BE45</b> Biology For Engineers
28/06/2023 Wednesday	9:30 AM To 10:30 AM	<b>21CS44</b> Operating Systems	<b>21CS44</b> Operating Systems	<b>21CS44</b> Operating Systems	<b>21EC44</b> Communication Theory	<b>21ME44</b> Mechanics of Materials
	1:30 PM To 2:30 PM	<b>21CIP47</b> Constitution of India and Professional Ethics (CIP)	<b>21KSK37/47</b> Samskrutika Kannada / <b>21KKBK47</b> Balake Kannada	<b>21KSK47</b> Samskrutika Kannada / <b>21KKBK47</b> Balake Kannada	<b>21CIP47</b> Constitution of India and Professional Ethics (CIP)	<b>21KSK47</b> Samskrutika Kannada / <b>21KKBK47</b> Balake Kannada
	3.00 PM To 4:00 PM	<b>21UH49</b> Universal Human Values	<b>21UH49</b> Universal Human Values	<b>21UH49</b> Universal Human Values	<b>21UH49</b> Universal Human Values	<b>21UH49</b> Universal Human Values

Note: All the students are strictly informed to wear Lab uniforms, and college ID card is compulsory during the test.

  
Academic Coordinator  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.

  
Principal  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.

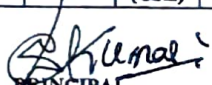


# K. S. INSTITUTE OF TECHNOLOGY, BANGALORE - 109

## II & IV SEMESTER - 1st CIE TEST INVIGILATION DUTY (2022-2023)

Date	Timings	SEM	NB SH 008 (GF Floor)	NB 101	NB 102	NB SH 103 (1st Floor)	NB 104	NB 202	NB 203	NB SH 204 (2nd Floor)	NB 205	NB 301	NB 302	NB SH 303 (3rd Floor)	NB 304	NB SH 403 (4th Floor)	OB SH 307 (3rd Floor)
26/6/2023 MONDAY	9:30 am to 10:30 am	II	SS (ECE)	KBN (CSE)	NP (CSE)	NM (ME)	RH (CSE)	ST (CSE)	SA (CSD)	MBR (ME)	AS (AIML)	RKM (AIML)	BHA (ECE)	TML (ME)	BS (BS)	NP (AIML)	SVJ (ECE)
		IV	SD (CSE)		PHS (CSE)					SB (CSD)				SKB (ECE)			KRS (BS)
	2:00 pm to 3:00 pm	II	AR (ECE)	SS (AIML)	CJ (ECE)	NKS (ME)	VD (ECE)	AK (ME)	RN (ME)	LN (ME)	HU (ME)	KP (ME)	HS (BS)	KR (ECE)	KTN (BS)	DB (ECE)	KK (CSE)
		IV	ALB (CSE)		KBM (ECE)					MN (BS)				KG (CSE)			RC (BS)
27/6/2023 TUESDAY	9:30 am to 10:30 am	II	AP (ECE)	BHA (ECE)	SS (AIML)	AR (ECE)	RN (ME)	HU (ME)	TML (ME)	VD (ECE)	MN (BS)	SVJ (ECE)	SG (BS)	GTR (ME)	KR (ECE)	NP (AIML)	SRC (BS)
		IV	SSB (CSE)		LN (ME)					MV (BS)				LC (BS)			MS (BS)
	1:30 pm to 2:30 pm	II	KBM (ECE)	ST (CSE)	KBN (CSE)	AP (ECE)	PHS (CSE)	RH (CSE)	AS (AIML)	NM (ME)	SB (CSD)	SS (ECE)	RKM (AIML)	MBR (ME)	DB (ECE)	KK (CSE)	RJ (CSE)
		IV	SD (CSE)		NP (CSE)					SA (CSD)				LKK (CSE)			SGK (BS)
3:00 pm to 4:00 pm	II									SKB (ECE)	CJ (ECE)	AK (ME)	KP (ME)	RC (BS)	SRC (BS)	TR (BS)	
28/6/2023 WEDNESDAY	9:30 am to 10:30 am	II	NKS (ME)	SB (CSD)	SKB (ECE)	MV (BS)	CJ (ECE)	AR (ECE)	ST (CSE)	KR (ECE)	KG (CSE)	LC (BS)	KRS (BS)	MS (BS)	SGK (BS)	TR (BS)	LKK (CSE)
		IV	SA (CSD)		SS (AIML)					KK (CSE)				RJ (CSE)			SG (BS)
	1:30 pm to 2:30 pm	II	AK (ME)	SS (ECE)	VD (ECE)	RN (ME)	HU (ME)	SVJ (ECE)	AP (ECE)	BS (BS)	SSB (CSE)	SD (CSE)	KTN (BS)	NP (AIML)	MV (BS)	NM (ME)	KP (ME)
		IV	MN (BS)		KRS (BS)					ALB (CSE)				KTN (BS)			HS (BS)
3:00 pm to 4:00 pm	II	MBR (ME)	TML (ME)	BHA (ECE)	LC (BS)	KBM (ECE)	RC (BS)	SRC (BS)	MS (BS)	SGK (BS)	TR (BS)	LKK (CSE)	RH (CSE)	NP (CSE)	SG (BS)	NKS (ME)	
	IV	RKM (AIML)		DB (ECE)					RJ (CSE)				KG (CSE)			LN (ME)	

  
 22/6/23  
 ACADEMIC COORDINATOR

  
 PRINCIPAL  
 K.S. INSTITUTE OF TECHNOLOGY  
 BENGALURU - 560 109.



**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109**

**II & IV SEMESTER**

**FIRST SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER - 2023)**

**BLACK BOARD**

**Room No: NB LH 104 ( 1ST FLOOR )**

CS II 'C' SEC	ECE IV 'A' SEC	CS II 'C' SEC	ECE IV 'A' SEC	CS II 'C' SEC	ECE IV 'A' SEC	CS II 'C' SEC CSD II 'D' SEC	ECE IV 'A' SEC	CSD II 'D' SEC
1KS22CS169	1KS21EC001	1KS22CS175	1KS21EC007	1KS22CS181	1KS21EC014	1KS22CS187	1KS21EC020	1KS22CG004
1KS22CS170	1KS21EC002	1KS22CS176	1KS21EC008	1KS22CS182	1KS21EC015	1KS22CS188	1KS21EC021	1KS22CG005
1KS22CS171	1KS21EC003	1KS22CS177	1KS21EC009	1KS22CS183	1KS21EC016	1KS21CS013	1KS21EC023	1KS22CG006
1KS22CS172	1KS21EC004	1KS22CS178	1KS21EC010	1KS22CS184	1KS21EC017	<b>1KS22CG001</b>	1KS21EC024	1KS22CG007
1KS22CS173	1KS21EC005	1KS22CS179	1KS21EC011	1KS22CS185	1KS21EC018	1KS22CG002	1KS21EC025	1KS22CG008
1KS22CS174	1KS21EC006	1KS22CS180	1KS21EC013	1KS22CS186	1KS21EC019	1KS22CG003	1KS21EC026	1KS22CG009

**ECE IV 'A' SEC Total = 24**

**CS II 'C' SEC=21 CSD II 'D' SEC =9 Total = 30**

*[Signature]*  
21/6/23  
**ACADEMIC COORDINATOR**

Head of the Department  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.

*[Signature]*

**PRINCIPAL**

**PRINCIPAL**  
**K.S. INSTITUTE OF TECHNOLOGY**  
**BENGALURU - 560 109**



# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109

## II & IV SEMESTER

### FIRST SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER - 2023)

#### BLACK BOARD

Room No: NB LH 202 (2ND FLOOR)

CSD II 'D' SEC	ECE IV 'A' SEC	CSD II 'D' SEC	ECE IV 'A' SEC	CSD II 'D' SEC	ECE IV 'A' SEC	CSD II 'D' SEC	ECE IV 'A' SEC	CSD II 'D' SEC
1KS22CG010	1KS21EC027	1KS22CG016	1KS21EC033	1KS22CG022	1KS21EC040	1KS22CG028	1KS21EC046	1KS22CG034
1KS22CG011	1KS21EC028	1KS22CG017	1KS21EC035	1KS22CG023	1KS21EC041	1KS22CG029	1KS21EC047	1KS22CG035
1KS22CG012	1KS21EC029	1KS22CG018	1KS21EC036	1KS22CG024	1KS21EC042	1KS22CG030	1KS21EC048	1KS22CG036
1KS22CG013	1KS21EC030	1KS22CG019	1KS21EC037	1KS22CG025	1KS21EC043	1KS22CG031	1KS21EC049	1KS22CG037
1KS22CG014	1KS21EC031	1KS22CG020	1KS21EC038	1KS22CG026	1KS21EC044	1KS22CG032	1KS21EC050	1KS22CG038
1KS22CG015	1KS21EC032	1KS22CG021	1KS21EC039	1KS22CG027	1KS21EC045	1KS22CG033	1KS21EC051	1KS22CG039

ECE IV 'A' SEC Total = 24

CSD II 'D' SEC Total = 30

  
21/6/23  
ACADEMIC COORDINATOR

Head of the Department  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.

  
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# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109

II & IV SEMESTER

FIRST SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER - 2023)

BLACK BOARD

Room No: NB LH 203 (2ND FLOOR)

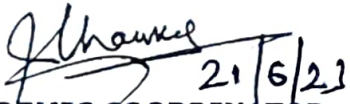
CSD II 'D' SEC	ECE IV 'A' SEC	CSD II 'D' SEC
1KS22CG040	1KS21EC053	1KS22CG046
1KS22CG041	1KS21EC054	1KS22CG047
1KS22CG042	1KS21EC055	1KS22CG048
1KS22CG043	1KS21EC056	1KS22CG049
1KS22CG044	1KS21EC058	1KS22CG050
1KS22CG045	1KS21EC059	1KS22CG051

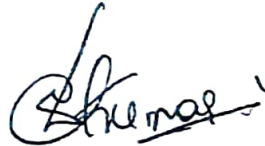
ECE IV 'A' SEC	CSD II 'D' SEC	ECE IV 'A&B' SEC
1KS21EC060	1KS22CG052	1KS21EC066
1KS21EC061	1KS22CG053	1KS21EC067
1KS21EC062	1KS22CG054	1KS21EC068
1KS21EC063	1KS22CG055	1KS21EC069
1KS21EC064	1KS22CG056	1KS21EC070
1KS21EC065	1KS22CG057	1KS21EC071

CSD II 'D' SEC	ECE IV 'B' SEC	AIML II 'E' SEC
1KS22CG058	1KS21EC072	1KS22AI001
1KS22CG059	1KS21EC073	1KS22AI002
1KS22CG060	1KS21EC074	1KS22AI003
1KS22CG061	1KS21EC075	1KS22AI004
1KS22CG062	1KS21EC076	1KS22AI005
	1KS21EC077	1KS22AI006

ECE IV 'A & B' SEC Total = 24

CSD II 'D' SEC=23 AIML II 'E' Sec=6 Total = 29

  
21/6/23  
ACADEMIC COORDINATOR  
Head of the Department  
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# K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 109

II & IV SEMESTER

FIRST SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER - 2023)

BLACK BOARD

Room No: NB SH 204 (2ND FLOOR)

AIML II 'E' SEC	ECE IV 'B' SEC	AIML II 'E' SEC	ECE IV 'B' SEC	AIML II 'E' SEC	ECE IV 'B' SEC	AIML II 'E' SEC	ECE IV 'B' SEC	AIML II 'E' SEC
1KS22AI007	1KS21EC078	1KS22AI017	1KS21EC089	1KS22AI027	1KS21EC100	1KS22AI037	1KS21EC110	1KS22AI047
1KS22AI008	1KS21EC080	1KS22AI018	1KS21EC090	1KS22AI028	1KS21EC101	1KS22AI038	1KS21EC111	1KS22AI048
1KS22AI009	1KS21EC081	1KS22AI019	1KS21EC091	1KS22AI029	1KS21EC102	1KS22AI039	1KS21EC112	1KS22AI049
1KS22AI010	1KS21EC082	1KS22AI020	1KS21EC092	1KS22AI030	1KS21EC103	1KS22AI040	1KS21EC113	1KS22AI050
1KS22AI011	1KS21EC083	1KS22AI021	1KS21EC093	1KS22AI031	1KS21EC104	1KS22AI041	1KS21EC114	1KS22AI051
1KS22AI012	1KS21EC084	1KS22AI022	1KS21EC095	1KS22AI032	1KS21EC105	1KS22AI042	1KS21EC115	1KS22AI052
1KS22AI013	1KS21EC085	1KS22AI023	1KS21EC096	1KS22AI033	1KS21EC106	1KS22AI043	1KS21EC116	1KS22AI053
1KS22AI014	1KS21EC086	1KS22AI024	1KS21EC097	1KS22AI034	1KS21EC107	1KS22AI044	1KS21EC117	1KS22AI054
1KS22AI015	1KS21EC087	1KS22AI025	1KS21EC098	1KS22AI035	1KS21EC108	1KS22AI045	1KS21EC118	1KS22AI055
1KS22AI016	1KS21EC088	1KS22AI026	1KS21EC099	1KS22AI036	1KS21EC109	1KS22AI046	1KS21EC120	1KS22AI056
								1KS22AI057

ECE IV 'B' SEC Total = 40

AIML II 'E' Sec Total = 51

*J. Manjunath*  
21/6/23

**ACADEMIC COORDINATOR**  
Head of the Department  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bangaluru - 560 109.

*S. Kumar*

**PRINCIPAL**  
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BANGALURU - 560 109



# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109

II & IV SEMESTER

FIRST SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER - 2023)

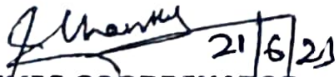
BLACK BOARD


ROOM No: NB LH 205 (2ND FLOOR)

AIML II 'E' SEC	ECE IV 'B' SEC	ECE II 'F' SEC	ECE IV 'B' SEC	ECE II 'F' SEC	ECE IV 'B' SEC AIML IV	ECE II 'F' SEC	AIML IV SEM	ECE II 'F' SEC
1KS22AI058	1KS21EC121	1KS22EC001	1KS22EC405	1KS22EC007	1KS22EC411	1KS22EC013	1KS21AI005	1KS22EC019
1KS22AI059	1KS22EC400	1KS22EC002	1KS22EC406	1KS22EC008	1KS22EC412	1KS22EC014	1KS21AI006	1KS22EC020
1KS22AI060	1KS22EC401	1KS22EC003	1KS22EC407	1KS22EC009	1KS21AI001	1KS22EC015	1KS21AI007	1KS22EC021
1KS22AI061	1KS22EC402	1KS22EC004	1KS22EC408	1KS22EC010	1KS21AI002	1KS22EC016	1KS21AI008	1KS22EC022
1KS22AI062	1KS22EC403	1KS22EC005	1KS22EC409	1KS22EC011	1KS21AI003	1KS22EC017	1KS21AI009	1KS22EC023
1KS22AI063	1KS22EC404	1KS22EC006	1KS22EC410	1KS22EC012	1KS21AI004	1KS22EC018	1KS21AI010	1KS22EC024

ECE IV 'B' SEC=14 AIML IV =10 Total = 24

AIML II 'E' Sec=6 ECE II 'F' Sec=24 Total = 30

  
21/6/23  
**ACADEMIC COORDINATOR**  
Head of the Department  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.

  
**PRINCIPAL**  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109



**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109**  
**Department of Electronics and Communication Engineering**  
**Attendance of IV 'A' for First Internal Test (2022-2023)**

Room No: NB 104

SL. NO	REGISTER NO.	MATHS FOR COMMUNICATION ENGINEERS (21EC41)	DIGITAL SIGNAL PROCESSING (21EC42)	CIRCUITS & CONTROLS (21EC43)	BIOLOGY FOR ENGINEERS (21BE45)	COMMUNICATION THEORY (21EC44)	CONSTITUTIONS OF INDIA AND PROFESSIONAL ETHICS (CIP) 21CIP47	UNIVERSAL HUMAN VALUES (21UH49)
1	IKS21EC001	Aadhya B	Aadhya B	Aadhya B	Aadhya B	Aadhya B	Aadhya B	Aadhya B
2	IKS21EC002	-ABSENT-	-ABSENT-	-AB-	-AB-	-AB-	-AB-	-AB-
3	IKS21EC003	Abhiteek	Abhiteek	Abhiteek	Abhiteek	Abhiteek	Abhiteek	Abhiteek
4	IKS21EC004	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
5	IKS21EC005	Akhay A	Akhay A	Akhay A	Akhay A	Akhay A	Akhay A	Akhay A
6	IKS21EC006	Am	Am	Am	Am	Am	Am	Am
7	IKS21EC007	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay
8	IKS21EC008	Anagha	Anagha	Anagha	Anagha	Anagha	Anagha	Anagha
9	IKS21EC009	Anuradha	Anuradha	Anuradha	Anuradha	Anuradha	Anuradha	Anuradha
10	IKS21EC010	Achana G.M	Achana G.M	Achana G.M	Achana G.M	Achana G.M	Achana G.M	Achana G.M
11	IKS21EC011	Achana M	Achana M	Achana M	Achana M	Achana M	Achana M	Achana M
12	IKS21EC013	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
13	IKS21EC014	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
14	IKS21EC015	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
15	IKS21EC016	AB -	AB -	-AB-	-AB-	-AB-	-AB-	-AB-
16	IKS21EC017	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan
17	IKS21EC018	Bhavya K	Bhavya K	Bhavya K	Bhavya K	Bhavya K	Bhavya K	Bhavya K
18	IKS21EC019	Bhavya K	Bhavya K	Bhavya K	Bhavya K	Bhavya K	Bhavya K	Bhavya K
19	IKS21EC020	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu
20	IKS21EC021	Chitra	Chitra	Chitra	Chitra	Chitra	Chitra	Chitra
21	IKS21EC023	Chiranth	Chiranth	Chiranth	Chiranth	Chiranth	Chiranth	Chiranth
22	IKS21EC024	Charitha	Charitha	Charitha	Charitha	Charitha	Charitha	Charitha
23	IKS21EC025	Charitha	Charitha	Charitha	Charitha	Charitha	Charitha	Charitha
24	IKS21EC026	Charitha	Charitha	Charitha	Charitha	Charitha	Charitha	Charitha
DATE:	26/06/23	26/6/23	27/6/23	27/6/23	28/6/23	28/6/23	28/6/23	28/6/23
NO. OF STUDENTS PRESENT	22	21	22	23	22	22	22	
NO. OF STUDENTS ABSENT	02	01	02	01	02	02	02	
NAME OF INVIGILATOR	RASHMI	Vishalini	R	Krishna	Chob	H	Kavya G.M	
SIGNATURE OF INVIGILATOR	Rashmi	V	R	K	Ch	H	K	



**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109**  
**Department of Electronics and Communication Engineering**  
**Attendance of IV 'A' for First Internal Test (2022-2023)**

Room No: NB 202

SLNO	REGISTER NO.	MATHS FOR COMMUNICATION ENGINEERS (21EC41)	DIGITAL SIGNAL PROCESSING (21EC42)	CIRCUITS & CONTROLS (21EC43)	BIOLOGY FOR ENGINEERS (21BE45)	COMMUNICATION THEORY (21EC44)	CONSTITUTIONS OF INDIA AND PROFESSIONAL ETHICS (CIP) 21CIP47	UNIVERSAL HUMAN VALUES (21UH49)
1	IKS21EC027	Keepika	Keepika	Keepika	Keepika	Keepika	Keepika	Keepika
2	IKS21EC028	Gyul	Gyul	Gyul	AT	Gyul	Gyul	Gyul
3	IKS21EC029	Gand N	Gand N	Gand N	Gagan	Gand N	Gagan	Gand N
4	IKS21EC030	- AB -	- AB -	- AB -	AT	- AB -	- AB -	- AB -
5	IKS21EC031	Gandhara	Gandhara	Gandhara	Gandhara	Gandhara	Gandhara	Gandhara
6	IKS21EC032	hann Rajul	hann Rajul	hann Rajul	hann Rajul	hann Rajul	hann Rajul	hann Rajul
7	IKS21EC033	Hemath OR	Hemath OR	Hemath OR	Hemath OR	Hemath OR	Hemath OR	Hemath OR
8	IKS21EC035	PKS	PKS	PKS	PKS	PKS	PKS	PKS
9	IKS21EC036	Karan B	Karan B	Karan B	Karan B	Karan B	Karan B	Karan B
10	IKS21EC037	Keethara	Keethara	Keethara	Keethara	Keethara	Keethara	Keethara
11	IKS21EC038	Komalan	Komalan	Komalan	Komalan	Komalan	Komalan	Komalan
12	IKS21EC039	Ko	Ko	Ko	+165	Ko	Ko	Ko
13	IKS21EC040	Kusuma M	Kusuma M	Kusuma M	Kusuma M	Kusuma M	Kusuma M	Kusuma M.S.
14	IKS21EC041	Likitha	Likitha	Likitha	Likitha	Likitha	Likitha	Likitha
15	IKS21EC042	A	A	A	A	A	A	A
16	IKS21EC043	Lohith B	Lohith B	AB	Lohith B	Lohith B	Lohith B	Lohith B
17	IKS21EC044	Lohith S	Lohith S	Lohith S	Lohith S	Lohith S	Lohith S	Lohith S
18	IKS21EC045	manal	manal	manal	manal	manal	manal	manal
19	IKS21EC046	Mayan N	Mayan N	Mayan N	Mayan N	Mayan N	Mayan N	Mayan N
20	IKS21EC047	Mayan N	Mayan N	Mayan N	Mayan N	Mayan N	Mayan N	Mayan N
21	IKS21EC048	Mith	Mith	Mith	Mith	Mith	Mith	Mith
22	IKS21EC049	Mishra	Mishra	Mishra	Mishra	Mishra	Mishra	Mishra
23	IKS21EC050	AB	AB	AB	AB	AB	AB	AB
24	IKS21EC051	P. Dar	P. Dar	P. Dar	P. Dar	P. Dar	P. Dar	P. Dar
DATE:	26/6/23		26/6/2023	26/6/2023	27/6/23	28/06/23	29/6/23	28/6/23
NO. OF STUDENTS PRESENT	22	23	22	21	23	23	23	23
NO. OF STUDENTS ABSENT	2	1	02	03	01	01	01	01
NAME OF INVIGILATOR	G. Somasudh	Anil	Dr. Nagesh	RASHMITH	Amrutha	Kavya B M	Kavya B M	Kavya B M
SIGNATURE OF INVIGILATOR	G. Somasudh	Anil	Dr. Nagesh	Rashmith	Amrutha	Kavya B M	Kavya B M	Kavya B M

28/06/23



**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109**  
**Department of Electronics and Communication Engineering**  
**Attendance of IV 'A & B' for First Internal Test (2022-2023)**

Room No: NB 203

SL.N O	REGISTER NO.	MATHS FOR COMMUNICA TION ENGINEERS (21EC41)	DEGITAL SIGNAL PROCESSING (21EC42)	CIRCUITS & CONTROLS (21EC43)	BIOLOGY FOR ENGINEERS (21BE45)	COMMUNIC ATION THEORY (21EC44)	CONSTITUTIONS OF INDIA AND PROFESSIONAL ETHICS (CIP) 21CIP47	UNIVERSAL HUMAN VALUES (21UH49)
1	IKS21EC053	Anj	Anj	Anj	Anj	Anj	Anj	Anj
2	IKS21EC054	Ms	A	Nave	A	Ms	Naveen S	Naveen S
3	IKS21EC055	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
4	IKS21EC056	ABSENT	Naveen	<del>Naveen</del>	Naveen	Naveen	Naveen	Naveen
5	IKS21EC058	ABSENT	Omkar MB	Omkar MB	Omkar MB	Omkar MB	Omkar MB	Omkar MB
6	IKS21EC059	ABSENT	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
7	IKS21EC060	maurthy	maurthy	maurthy	maurthy	maurthy	maurthy	maurthy
8	IKS21EC061	Pooja R	Pooja R	Pooja R	Pooja R	Pooja R	Pooja R	Pooja R
9	IKS21EC062	Prasanna D	Prasanna D	Prasanna D	Prasanna D	Prasanna D	Prasanna D	Prasanna D
10	IKS21EC063	ABSENT	-AB-	(AB)	ABSENT	-AB-	-AB-	-AB-
11	IKS21EC064	Pp	Pp	Pp	Pp	Pp	Pp	Pp
12	IKS21EC065	prajwal	prajwal	prajwal	prajwal	prajwal	prajwal	prajwal
13	IKS21EC066	V	V	V	V	V	V	V
14	IKS21EC067	Praysh	Praysh	Praysh	Praysh	Praysh	Praysh	Praysh
15	IKS21EC068	Preetham	Preetham	Preetham	Preetham	Preetham	Preetham	Preetham
16	IKS21EC069	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash
17	IKS21EC070	Purnitha	Purnitha	Purnitha	Purnitha	Purnitha	Purnitha	Purnitha
18	IKS21EC071	P...	P...	P...	P...	P...	P...	P...
19	IKS21EC072	ABSENT	-AB-	(AB)	ABSENT	-AB-	-AB-	-AB-
20	IKS21EC073	R.M.R	R.M.R	R.M.R	R.M.R	R.M.R	R.M.R	R.M.R
21	IKS21EC074	ABSENT	-AB-	(AB)	ABSENT	-AB-	-AB-	-AB-
22	IKS21EC075	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh
23	IKS21EC076	Ritesh	Ritesh	Ritesh	Ritesh	Ritesh	Ritesh	Ritesh
24	IKS21EC077	S.Sam	S.Sam	S.Sam	S.Sam	S.Sam	S.Sam	S.Sam
DATE:	26/06/23	26/06/23	27/6/23	27/6/23	28/6/23	28/6/23	28/6/23	28/6/23
NO. OF STUDENTS PRESENT	18	21	20 (21)	21	21	21	21	21
NO. OF STUDENTS ABSENT	06	03	04 03	03	03	03	03	03
NAME OF INVIGILATOR	Sushma	Ranganath	Tejaswini	Amulya	Srinivas	Srinivas	Srinivas	DR. VIVEKANANDH
SIGNATURE OF INVIGILATOR	Sushma	R	Tejaswini	Amulya	Srinivas	Srinivas	Srinivas	DR. VIVEKANANDH



**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109**  
**Department of Electronics and Communication Engineering**  
**Attendance of IV 'B' for First Internal Test (2022-2023)**

Room No: NB SH 204

SL.N O	REGISTER NO.	MATHS FOR COMMUNICA TION ENGINEERS (21EC41)	DEGTAL SIGNAL PROCESSING (21EC42)	CIRCUITS & CONTROLS (21EC43)	BIOLOGY FOR ENGINEERS (21BE45)	COMMUNIC ATION THEORY (21EC44)	CONSTITUTIONS OF INDIA AND PROFESSIONAL ETHICS (CIP) 21CIP47	UNIVERSAL HUMAN VALUES (21UH49)
1	IKS21EC078	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>
2	IKS21EC080	SHZ	SHZ	SHZ	SHZ	SHZ	SHZ	SHZ
3	IKS21EC081	←AR→	←AB→	(AB)	AB	AB	←AB→	←AR→
4	IKS21EC082	Paneth	Paneth	Paneth	Paneth	Paneth	Paneth	Paneth
5	IKS21EC083	Paneth	Paneth	Paneth	Paneth	Paneth	Paneth	Paneth
6	IKS21EC084	Sanjanab	Sanjanab	Sanjanab	Sanjanab	Sanjanab	Sanjanab	Sanjanab
7	IKS21EC085	←AR→	←AB→	(AB)	AB	AB	←AB→	AB
8	IKS21EC086	YBZ	YBZ	YBZ	YBZ	YBZ	YBZ	YBZ
9	IKS21EC087	←AR→	←AB→	(AB)	AB	AB	←AB→	AB
10	IKS21EC088	Letha	Letha	Letha	Letha	Letha	Letha	Letha
11	IKS21EC089	SKA	SKK	SKK	SKK	SKK	SKK	SKK
12	IKS21EC090	Shashank	Shashank	Shashank	Shashank	Shashank	Shashank	Shashank
13	IKS21EC091	\$	\$	\$	\$	\$	\$	\$
14	IKS21EC092	←AR→	←AB→	(AB)	AB	AB	←AD→	AB
15	IKS21EC093	du	du	du	du	du	du	du
16	IKS21EC095	←AR→	←AB→	(AB)	AB	AB	←AD→	AB
17	IKS21EC096	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin
18	IKS21EC097	Prinip	Prinip	Prinip	Prinip	Prinip	Prinip	Prinip
19	IKS21EC098	du	du	du	du	du	du	du
20	IKS21EC099	Sumeth	Sumeth	Sumeth	Sumeth	Sumeth	Sumeth	Sumeth
21	IKS21EC100	Sumeth	Sumeth	Sumeth	Sumeth	Sumeth	Sumeth	Sumeth
22	IKS21EC101	←AR→	←AB→	(AB)	AB	AB	←AB→	AB
23	IKS21EC102	Sumeth	Sumeth	Sumeth	Sumeth	Sumeth	Sumeth	Sumeth
24	IKS21EC103	←AR→	←AB→	(AB)	AB	AB	←AD→	AB
25	IKS21EC104	←AR→	←AB→	(AB)	AB	AB	←AB→	AB













**KSIT**  
K. S. INSTITUTE OF TECHNOLOGY

# K.S. INSTITUTE OF TECHNOLOGY, BENGALURU - 560109

## FIRST INTERNAL TEST QUESTION PAPER 2022-23 EVEN SEMESTER

SET: A

USN									
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Degree : B.E  
 Branch - Stream : ECE  
 Course Title : Circuits & Controls  
 Duration : 60 Minutes

Semester : 4<sup>th</sup>  
 Course Type / Code : Core/21EC43  
 Date : 27<sup>th</sup> June 2023  
 Max Marks : 20


Note: Answer ONE full question from each part.


K-Levels: K1-Remembering, K2-Understanding, K3-Appling, K4-Analyzing, K5-Evaluating, K6-Creating

Q No.	Questions	Marks	CO	K-Level
<b>PART-A</b>				
1(a)	Determine current through $2\ \Omega$ resistor using mesh analysis 	4	CO1	K3
(b)	State Thevenin's & Norton's theorem. Obtain Thevenin's equivalent network across the terminal AB for the circuit shown below. 	4	CO1	K3
(c)	State maximum power transfer theorem & find the value of R such that maximum power transfer can take place from the network to R. Also find the maximum power delivered to R 	4	CO1	K3
<b>OR</b>				
2(a)	For the network given below determine node voltages $V_1, V_2, V_3$ and $V_4$ using nodal analysis. 	4	CO1	K3



(b)	<p>Define super position theorem. Find the current through <math>20\Omega</math> resistor using Super position theorem for network given below</p>	4	CO1	K3
(c)	<p>State Thevenin's &amp; Norton's theorem and obtain Norton's equivalent circuit for the network given below.</p>	4	CO1	K3
<b>PART - B</b>				
3(a)	<p>Find Z and Y parameters for the network shown below.</p>	4	CO2	K3
(b)	<p>For a certain two port network <math>V_1</math> and <math>V_2</math> are given by  <math>V_1 = 60I_1 + 20I_2</math>  <math>V_2 = 20I_1 + 40I_2</math>          Find Z &amp; Y parameters.</p>	4	CO2	K3
<b>OR</b>				
4(a)	<p>Find Z and Y parameters for the network shown below.</p>	4	CO2	K3
(b)	<p>For a certain two port network <math>I_1</math> and <math>I_2</math> are given by  <math>I_1 = 2V_1 + V_2</math>  <math>I_2 = 10V_1 + 11V_2</math>          Find Y &amp; Z parameters.</p>	4	CO2	K3

  
 Name & Signature of  
 Course In charge:

  
 Name & Signature of  
 Module Coordinator:

  
 HOD ECE

  
 Principal





**K.S. INSTITUTE OF TECHNOLOGY, BENGALURU - 560109**  
**FIRST INTERNAL TEST QUESTION PAPER 2022-23 EVEN SEMESTER**

SET: B

USN									
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Degree : B.E  
 Branch - Stream : ECE  
 Course Title : Circuits and Controls  
 Duration : 60 Minutes

Semester : IV  
 Course Type / Code : 21EC43  
 Date : 27-06-23  
 Max Marks : 20

Note: Answer ONE full question from each part.

Q No.	Questions	Marks	CO	K-Level
<b>PART-A</b>				
1(a)	For the network shown in fig 1(a), determine the $I_x$ using superposition theorem.	4	CO1	K3-Applying
(b)	Determine the thevenin equivalent network between A-B for the given network shown in fig 1(b).	4	CO1	K3-Applying
(c)	Determine the mesh current for the network shown in fig 1(c) using mesh analysis method.	4	CO1	K3-Applying
<b>OR</b>				
2(a)	Determine the node voltages for the network shown in fig 2(a) using nodal analysis.	4	CO1	K3-Applying
(b)	Determine $V_x$ in the circuit shown fig 2(b) such that the current through $-3j$ impedance is zero.	4	CO1	K3-Applying
(c)	Determine the value of $R_L$ when maximum power is transferred across the load and also find maximum power transferred for the network shown in fig 2(c).	4	CO1	K3-Applying
<b>PART-B</b>				
3(a)	Determine Y parameters of the given network shown in fig 3(a).	4	CO2	K3-Applying
(b)	Determine Z parameters of the given network shown in fig 3(b).	4	CO2	K3-Applying

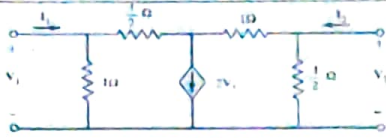


Fig 3(a)

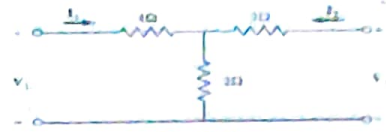


fig 3 (b)

OR

4(a) Determine Y parameters of the given network shown in fig 4(a).

5

CO2

K3-  
Applying

(b) Determine Z parameters of the given network shown in fig 4(b).

5

CO2

K3-  
Applying

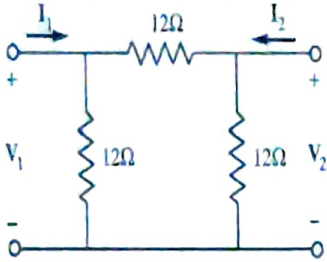


Fig 4 (a)

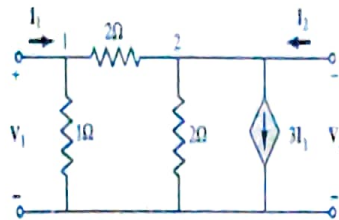


fig 4(b)

*CS-512*

Name & Signature of  
Course In charge:

*[Signature]*

Name & Signature of  
Module Coordinator:

*[Signature]*

HOD

*[Signature]*

Principal

*Selected*





# K. S. INSTITUTE OF TECHNOLOGY, BANGALORE

IV SEM

SECOND SESSIONAL TEST TIME TABLE (2022-2023)  
(EVEN SEMESTER 2023)

Date : 22/07/2023

DATE	TIME	ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	COMPUTER SCIENCE & DESIGN	COMPUTER SCIENCE & ENGG	ELECTRONICS & COMMUNICATION ENGG	MECHANICAL ENGG
31/07/2023 Monday	9:30 AM To 10:30 AM	<b>21CS41</b> Mathematical Foundations for Computing	<b>21CS41</b> Mathematical Foundations for Computing	<b>21CS41</b> Mathematical Foundations for Computing	<b>21EC41</b> Maths for Communication Engineers	<b>21ME41</b> Complex Analysis, Probability and Linear Programming.
	2:00 PM To 3:00 PM	<b>21CS42</b> Design and Analysis of Algorithms	<b>21CS42</b> Design and Analysis of Algorithms	<b>21CS42</b> Design and Analysis of Algorithms	<b>21EC42-</b> Digital Signal Processing	<b>21ME42</b> Machining Science and Jigs & Fixtures
1/08/2023 Tuesday	9:30 AM To 10:30 AM	<b>21CS43</b> Microcontroller and Embedded Systems	<b>21CS43</b> Microcontroller and Embedded Systems	<b>21CS43</b> Microcontroller and Embedded Systems	<b>21EC43</b> Circuits & Controls	<b>21ME43</b> Fluid Mechanics
	1:30 PM To 2:30 PM	<b>21BE45</b> Biology For Engineers	<b>21BE45</b> Biology For Engineers	<b>21BE45</b> Biology For Engineers	<b>21BE45</b> Biology For Engineers	<b>21BE45</b> Biology For Engineers
2/08/2023 Wednesday	9:30 AM To 10:30 AM	<b>21CS44</b> Operating Systems	<b>21CS44</b> Operating Systems	<b>21CS44</b> Operating Systems	<b>21EC44</b> Communication Theory	<b>21ME44</b> Mechanics of Materials
	1:30 PM To 2:30 PM	<b>21CIP47</b> Constitution of India and Professional Ethics (CIP)	<b>21KSK37/47</b> Samskrutika Kannada / <b>21KBK47</b> Balake Kannada	<b>21KSK47</b> Samskrutika Kannada / <b>21KBK47</b> Balake Kannada	<b>21CIP47</b> Constitution of India and Professional Ethics (CIP)	<b>21KSK47</b> Samskrutika Kannada / <b>21KBK47</b> Balake Kannada
	3:00 PM To 4:00 PM	<b>21UH49</b> Universal Human Values	<b>21UH49</b> Universal Human Values	<b>21UH49</b> Universal Human Values	<b>21UH49</b> Universal Human Values	<b>21UH49</b> Universal Human Values

Note : All the students are strictly informed to wear Lab uniforms, and college ID card is compulsory during the test.

*J. Kumar*  
Academic Coordinator  
Head of the Department  
Dept. of Mechanical Engg  
K.S. Institute of Technology  
Bengaluru - 560 109.

22/7/23

*S. Kumar*  
Principal  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

# K. S. INSTITUTE OF TECHNOLOGY, BANGALORE - 109

## II & IV SEMESTER - 2nd CIE TEST INVIGILATION DUTY (2022-2023)

Date	Timings	SEM	NB SH 008 (GF Floor)	NB 101	NB 102	NB SH 103 (1st Floor)	NB 104	NB 202	NB 203	NB SH 204 (2nd Floor)	NB 205	NB 301	NB 302	NB SH 303 (3rd Floor)	NB 304	NB SH 403 (4th Floor)	OB SH 307 (3rd Floor)
31/7/2023 MONDAY	9:30 am to 10:30 am	II	SS (ECE)	VD (ECE)	NP (CSE)	NM (ME)	RH (CSE)	ST (CSE)	SA (CSD)	MBR (ME)	AS (AIML)	RKM (AIML)	BHA (ECE)	TML (ME)	BS (BS)	LKK (AIML)	SVJ (ECE)
		IV	SD (CSE)			PHS (CSE)				SB (CSD)				SKB (ECE)			KRS (BS)
	2:00 pm to 3:00 pm	II	AR (ECE)	SS (AIML)	CJ (ECE)	NKS (ME)	VD (ECE)	NV (BS)	RN (ME)	LN (ME)	HU (ME)	KP (ME)	SN (BS)	KR (ECE)	KTN (BS)	DB (ECE)	KK (CSE)
		IV	ALB (CSE)			KBM (ECE)				MN (BS)				STS (CSE)			RC (BS)
1/8/2023 TUESDAY	9:30 am to 10:30 am	II	AP (ECE)	BHA (ECE)	SS (AIML)	AR (ECE)	AK (ME)	HU (ME)	TML (ME)	VD (ECE)	MN (BS)	SVJ (ECE)	SG (BS)	GTR (ME)	KR (ECE)	LKK (AIML)	SRC (BS)
		IV	SSB (CSE)			LN (ME)				MV (BS)				LC (BS)			MS (BS)
	1:30 pm to 2:30 pm	II	KBM (ECE)	ST (CSE)	STS (CSE)	AP (ECE)	NV (BS)	RH (CSE)	AS (AIML)	NM (ME)	SB (CSD)	SS (ECE)	RKM (AIML)	MBR (ME)	DB (ECE)	KK (CSE)	RJ (CSE)
		IV	SD (CSE)			NP (CSE)				SA (CSD)				LKK (CSE)			SGK (BS)
	3:00 pm to 4:00 pm	II	X	X	X	X	X	X	X	X	SKB (ECE)	CJ (ECE)	AK (ME)	KP (ME)	RC (BS)	SRC (BS)	TR (BS)
		IV	X	X	X	X	X	X	X	X							
2/8/2023 WEDNESD AY	9:30 am to 10:30 am	II	NKS (ME)	SB (CSD)	SKB (ECE)	MV (BS)	CJ (ECE)	AR (ECE)	ST (CSE)	KR (ECE)	KTN (BS)	LC (BS)	KRS (BS)	MS (BS)	SGK (BS)	TR (BS)	LKK (CSE)
		IV	SA (CSD)			SS (AIML)				KK (CSE)				RJ (CSE)			SG (BS)
	1:30 pm to 2:30 pm	II	AK (ME)	SS (ECE)	KBN (CSE)	RN (ME)	HU (ME)	SVJ (ECE)	AP (ECE)	BS (BS)	SSB (CSE)	SD (CSE)	KTN (BS)	LKK (AIML)	MV (BS)	NM (ME)	KP (ME)
		IV	MN (BS)			KRS (BS)				ALB (CSE)				KG (CSE)			SN (BS)
	3:00 pm to 4:00 pm	II	MBR (ME)	TML (ME)	BHA (ECE)	LC (BS)	KBM (ECE)	NV (BS)	SRC (BS)	MS (BS)	SGK (BS)	TR (BS)	LKK (CSE)	RH (CSE)	NP (CSE)	SG (BS)	NKS (ME)
		IV	RKM (AIML)			DB (ECE)				RJ (CSE)				PHS (CSE)			LN (ME)

*J. Hanumanth*  
ACADEMIC COORDINATOR 26/7/23

*B. Kumar*  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109.



# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109

II & IV SEMESTER

SECOND SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER - 2023)

BLACK BOARD

ROOM No: NB LH 104 (1ST FLOOR)

CS II 'C' SEC	ECE IV 'A' SEC	CS II 'C' SEC
1KS22CS169	1KS21EC001	1KS22CS175
1KS22CS170	1KS21EC002	1KS22CS176
1KS22CS171	1KS21EC003	1KS22CS177
1KS22CS172	1KS21EC004	1KS22CS178
1KS22CS173	1KS21EC005	1KS22CS179
1KS22CS174	1KS21EC006	1KS22CS180

ECE IV 'A' SEC	CS II 'C' SEC	ECE IV 'A' SEC
1KS21EC007	1KS22CS181	1KS21EC014
1KS21EC008	1KS22CS182	1KS21EC015
1KS21EC009	1KS22CS183	1KS21EC016
1KS21EC010	1KS22CS184	1KS21EC017
1KS21EC011	1KS22CS185	1KS21EC018
1KS21EC013	1KS22CS186	1KS21EC019

CS II 'C' SEC CSD II 'D' SEC	ECE IV 'A' SEC	CSD II 'D' SEC
1KS22CS187	1KS21EC020	1KS22CG004
1KS22CS188	1KS21EC021	1KS22CG005
1KS21CS013	1KS21EC023	1KS22CG006
<b>1KS22CG001</b>	1KS21EC024	1KS22CG007
1KS22CG002	1KS21EC025	1KS22CG008
1KS22CG003	1KS21EC026	1KS22CG009

ECE IV 'A' SEC Total = 24

CS II 'C' SEC=21 CSD II 'D' SEC =9 Total = 30

*J. Hanumanth*  
22/7/23  
**ACADEMIC COORDINATOR**

Head of the Department  
Dept. of Mechanical Engg  
K.S. Institute of Technology  
Bengaluru - 560 109.

*Shumal G*  
**PRINCIPAL**

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109

II & IV SEMESTER

SECOND SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER - 2023)

BLACK BOARD

Room No: NB LH 202 (2ND FLOOR)

CSD II 'D' SEC	ECE IV 'A' SEC	CSD II 'D' SEC
1KS22CG010	1KS21EC027	1KS22CG016
1KS22CG011	1KS21EC028	1KS22CG017
1KS22CG012	1KS21EC029	1KS22CG018
1KS22CG013	1KS21EC030	1KS22CG019
1KS22CG014	1KS21EC031	1KS22CG020
1KS22CG015	1KS21EC032	1KS22CG021

ECE IV 'A' SEC	CSD II 'D' SEC	ECE IV 'A' SEC
1KS21EC033	1KS22CG022	1KS21EC040
1KS21EC035	1KS22CG023	1KS21EC041
1KS21EC036	1KS22CG024	1KS21EC042
1KS21EC037	1KS22CG025	1KS21EC043
1KS21EC038	1KS22CG026	1KS21EC044
1KS21EC039	1KS22CG027	1KS21EC045

CSD II 'D' SEC	ECE IV 'A' SEC	CSD II 'D' SEC
1KS22CG028	1KS21EC046	1KS22CG034
1KS22CG029	1KS21EC047	1KS22CG035
1KS22CG030	1KS21EC048	1KS22CG036
1KS22CG031	1KS21EC049	1KS22CG037
1KS22CG032	1KS21EC050	1KS22CG038
1KS22CG033	1KS21EC051	1KS22CG039

ECE IV 'A' SEC Total = 24

CSD II 'D' SEC Total = 30

  
22/7/23  
ACADEMIC COORDINATOR

Head of the Department  
Dept. of Mechanical Engg  
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# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109

II & IV SEMESTER

SECOND SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER - 2023)

BLACK BOARD

ROOM No: NB LH 203 (2ND FLOOR)

CSD II 'D' SEC	ECE IV 'A' SEC	CSD II 'D' SEC
1KS22CG040	1KS21EC053	1KS22CG046
1KS22CG041	1KS21EC054	1KS22CG047
1KS22CG042	1KS21EC055	1KS22CG048
1KS22CG043	1KS21EC056	1KS22CG049
1KS22CG044	1KS21EC058	1KS22CG050
1KS22CG045	1KS21EC059	1KS22CG051

ECE IV 'A' SEC	CSD II 'D' SEC	ECE IV 'A&B' SEC
1KS21EC060	1KS22CG052	1KS21EC066
1KS21EC061	1KS22CG053	1KS21EC067
1KS21EC062	1KS22CG054	1KS21EC068
1KS21EC063	1KS22CG055	<b>1KS21EC069</b>
1KS21EC064	1KS22CG056	1KS21EC070
1KS21EC065	1KS22CG057	1KS21EC071

CSD II 'D' SEC	ECE IV 'B' SEC	AIML II 'E' SEC
1KS22CG058	1KS21EC072	1KS22AI001
1KS22CG059	1KS21EC073	1KS22AI002
1KS22CG060	1KS21EC074	1KS22AI003
1KS22CG061	1KS21EC075	1KS22AI004
1KS22CG062	1KS21EC076	1KS22AI005
	1KS21EC077	1KS22AI006

ECE IV 'A & B' SEC Total = 24

CSD II 'D' SEC=23 AIML II 'E' Sec=6 Total = 29

*J. Manjunath*  
22/7/23  
ACADEMIC COORDINATOR

Head of the Department  
Dept. of Mechanical Engg  
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*Sharma. G*  
PRINCIPAL  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109

II & IV SEMESTER

SECOND SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER - 2023)

BLACK BOARD

ROOM No: NB SH 204 ( 2ND FLOOR )

AIML II 'E' SEC	ECE IV 'B' SEC	AIML II 'E' SEC
1KS22AI007	1KS21EC078	1KS22AI017
1KS22AI008	1KS21EC080	1KS22AI018
1KS22AI009	1KS21EC081	1KS22AI019
1KS22AI010	1KS21EC082	1KS22AI020
1KS22AI011	1KS21EC083	1KS22AI021-
1KS22AI012	1KS21EC084	1KS22AI022
1KS22AI013	1KS21EC085	1KS22AI023
1KS22AI014	1KS21EC086	1KS22AI024
1KS22AI015	1KS21EC087	1KS22AI025
1KS22AI016	1KS21EC088	1KS22AI026

ECE IV 'B' SEC	AIML II 'E' SEC	ECE IV 'B' SEC
1KS21EC089	1KS22AI027	1KS21EC100
1KS21EC090	1KS22AI028	1KS21EC101
1KS21EC091	1KS22AI029	1KS21EC102
1KS21EC092	1KS22AI030	1KS21EC103
1KS21EC093	1KS22AI031	1KS21EC104
1KS21EC095	1KS22AI032	1KS21EC105
1KS21EC096	1KS22AI033	1KS21EC106
1KS21EC097	1KS22AI034	1KS21EC107
1KS21EC098	1KS22AI035	1KS21EC108
1KS21EC099	1KS22AI036	1KS21EC109

AIML II 'E' SEC	ECE IV 'B' SEC	AIML II 'E' SEC
1KS22AI037	1KS21EC110	1KS22AI047
1KS22AI038	1KS21EC111	1KS22AI048
1KS22AI039	1KS21EC112	1KS22AI049
1KS22AI040	1KS21EC113	1KS22AI050
1KS22AI041	1KS21EC114	1KS22AI051
1KS22AI042	1KS21EC115	1KS22AI052
1KS22AI043	1KS21EC116	1KS22AI053
1KS22AI044	1KS21EC117	1KS22AI054
1KS22AI045	1KS21EC118	1KS22AI055
1KS22AI046	1KS21EC120	1KS22AI056
		1KS22AI057

ECE IV 'B' SEC Total = 40

AIML II 'E' Sec Total = 51

*Elhanna*  
22/7/23

ACADEMIC COORDINATOR

Head of the Department  
Dept. of Mechanical Engg  
K.S. Institute of Technology  
Bengaluru - 560 109.

*Elhanna*

PRINCIPAL

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# K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109

II & IV SEMESTER

SECOND SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER - 2023)

BLACK BOARD

Room No: NB LH 205 (2ND FLOOR)

AIML II 'E' SEC	ECE IV 'B' SEC	ECE II 'F' SEC
1KS22AI058	1KS21EC121	1KS22EC001
1KS22AI059	1KS22EC400	1KS22EC002
1KS22AI060	1KS22EC401	1KS22EC003
1KS22AI061	1KS22EC402	1KS22EC004
1KS22AI062	1KS22EC403	1KS22EC005
1KS22AI063	1KS22EC404	1KS22EC006

ECE IV 'B' SEC	ECE II 'F' SEC	ECE IV 'B' SEC AIML IV
1KS22EC405	1KS22EC007	1KS22EC411
1KS22EC406	1KS22EC008	1KS22EC412
1KS22EC407	1KS22EC009	1KS21AI001
1KS22EC408	1KS22EC010	1KS21AI002
1KS22EC409	1KS22EC011	1KS21AI003
1KS22EC410	1KS22EC012	1KS21AI004

ECE II 'F' SEC	AIML IV SEM	ECE II 'F' SEC
1KS22EC013	1KS21AI005	1KS22EC019
1KS22EC014	1KS21AI006	1KS22EC020
1KS22EC015	1KS21AI007	1KS22EC021
1KS22EC016	1KS21AI008	1KS22EC022
1KS22EC017	1KS21AI009	1KS22EC023
1KS22EC018	1KS21AI010	1KS22EC024

ECE IV 'B' SEC=14 AIML IV =10 Total = 24  
AIML II 'E' Sec=6 ECE II 'F' Sec=24 Total = 30

  
22/7/23  
ACADEMIC COORDINATOR

Head of the Department  
Dept. of Mechanical Engg.  
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**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109**  
**Department of Electronics and Communication Engineering**  
**Attendance of IV 'A' for Second Internal Test (2022-2023)**

Room No: NB 104

SLNO	REGISTER NO.	MATHS FOR COMMUNICATION ENGINEERS (21EC41)	DIGITAL SIGNAL PROCESSING (21EC42)	CIRCUITS & CONTROLS (21EC43)	BIOLOGY FOR ENGINEERS (21BE45)	COMMUNICATION THEORY (21EC44)	CONSTITUTIONS OF INDIA AND PROFESSIONAL ETHICS (CIP) 21CIP47	UNIVERSAL HUMAN VALUES (21UH49)
1	IKS21EC001	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B
2	IKS21EC002	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B
3	IKS21EC003	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B
4	IKS21EC004	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B
5	IKS21EC005	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B	Aadhyas B
6	IKS21EC006	Aam	Aam	Aam	Aam	Aam	Aam	Aam
7	IKS21EC007	Akshay B	Akshay B	Akshay B	Akshay B	Akshay B	Akshay B	Akshay B
8	IKS21EC008	Anagha	Anagha	Anagha	Anagha	Anagha	Anagha	Anagha
9	IKS21EC009	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha
10	IKS21EC010	Anusha G.M	Anusha G.M	Anusha G.M	Anusha G.M	Anusha G.M	Anusha G.M	Anusha G.M
11	IKS21EC011	Anusha M.	Anusha M.	Anusha M.	Anusha M.	Anusha M.	Anusha M.	Anusha M.
12	IKS21EC013	Anusha N.B	Anusha N.B	Anusha N.B	Anusha N.B	Anusha N.B	Anusha N.B	Anusha N.B
13	IKS21EC014	Anusha S.R	Anusha S.R	Anusha S.R	Anusha S.R	Anusha S.R	Anusha S.R	Anusha S.R
14	IKS21EC015	Anusha S.R	Anusha S.R	Anusha S.R	Anusha S.R	Anusha S.R	Anusha S.R	Anusha S.R
15	IKS21EC016	-AB-	-AB-	-AB-	-AB-	(AB)	(AB)	-AB-
16	IKS21EC017	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha
17	IKS21EC018	Bhavya K	Bhavya K	Bhavya K	Bhavya K	Bhavya K	Bhavya K	Bhavya K
18	IKS21EC019	Bhavya K	Bhavya K	Bhavya K	Bhavya K	Bhavya K	Bhavya K	Bhavya K
19	IKS21EC020	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu
20	IKS21EC021	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu	Bindu
21	IKS21EC023	Chiranjeev	Chiranjeev	Chiranjeev	Chiranjeev	Chiranjeev	Chiranjeev	Chiranjeev
22	IKS21EC024	Charitha	Charitha	Charitha	Charitha	Charitha	Charitha	Charitha
23	IKS21EC025	Charitha	Charitha	Charitha	Charitha	Charitha	Charitha	Charitha
24	IKS21EC026	Charitha	Charitha	Charitha	Charitha	Charitha	Charitha	Charitha
DATE:	31/07/23	31/7/23	01/8/23	18/23	28/23	2/8/23	2/8/23	2/8/23
NO. OF STUDENTS PRESENT	23	22	23	23	23	23	23	23
NO. OF STUDENTS ABSENT	01	02	01	01	01	01	01	01
NAME OF INVIGILATOR	RASHMI H	Vishalini	M	Navan	PHS	Mahesh	Kavya B M	
SIGNATURE OF INVIGILATOR	Rashmi H	VSD	H	Navan	PHS	Mahesh	Kavya B M	



**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109**  
**Department of Electronics and Communication Engineering**  
**Attendance of IV 'A' for Second Internal Test (2022-2023)**

Room No: NB 202

SLNO	REGISTER NO.	MATRS FOR COMMUNICA TION ENGINEERS (21EC41)	DEGITAL SIGNAL PROCESSING (21EC42)	CIRCUITS & CONTROLS (21EC43)	BIOLOGY FOR ENGINEERS (21BF45)	COMMUNIC ATION THEORY (21EC44)	CONSTITUTIONS OF INDIA AND PROFESSIONAL ETHICS (CIP) 21CIP47	UNIVERSAL HUMAN VALUES (21UH49)
1	IKS21EC027	Keepita	keepita	keepita	keepita	keepita	keepita	keepita
2	IKS21EC028	Gayal	Gayal	Gayal	Gayal	Gayal	Gayal	Gayal
3	IKS21EC029	G.N	G.N	G.N	G.N	G.N	G.N	G.N
4	IKS21EC030	-AB-	-AB-	-AB-	-AB-	←AB→	(A)	←AB-
5	IKS21EC031	-A3-	-AB-	Gundakar	Gundakar	Gundakar	Gundakar	Gundakar
6	IKS21EC032	harinrajul	harinrajul	harinrajul	harinrajul	harinrajul	harinrajul	harinrajul
7	IKS21EC033	Hemath DA	Hemath DA	Hemath DA	Hemath DA	Hemath DA	Hemath DA	Hemath DA
8	IKS21EC035	AKT	AKT	AKT	AKT	AKT	AKT	AKT
9	IKS21EC036	Karab	Karab	Karab	Karab	←AB→	Karab	Karab
10	IKS21EC037	Kuttharal	Kuttharal	Kuttharal	Kuttharal	Kuttharal	Kuttharal	Kuttharal
11	IKS21EC038	Komalant	Komalant	Komalant	Komalant	Komalant	Komalant	Komalant
12	IKS21EC039	Ku	Ku	Ku	Ku	Ku	Ku	Ku
13	IKS21EC040	Kusuma M.S.	Kusuma M.S.	Kusuma M.S.	Kusuma M.S.	Kusuma M.S.	Kusuma M.S.	Kusuma M.S.
14	IKS21EC041	Likitha	Likitha	Likitha	Likitha	Likitha	Likitha	Likitha
15	IKS21EC042	SS	SS	SS	SS	←AB→	SS	SS
16	IKS21EC043	Lohith.B	Lohith.B	Lohith.B	Lohith.B	Lohith.B	Lohith.B	Lohith.B
17	IKS21EC044	Lohithy	Lohithy	Lohithy	Lohithy	Lohithy	Lohithy	Lohithy
18	IKS21EC045	manu	manu	manu	manu	←AB→	manu	manu
19	IKS21EC046	-AB-	-AB-	-AB-	-AB-	Meghana N	Meghana N	Meghana N
20	IKS21EC047	Mizban M	Mizban M	Mizban M	Mizban M	Mizban M	Mizban M	Mizban M
21	IKS21EC048	Mith	Mith	Mith	Mith	Mith	Mith	Mith
22	IKS21EC049	Nash	Nash	Nash	Nash	Nash	Nash	Nash
23	IKS21EC050	P.Dani	P.Dani	P.Dani	P.Dani	P.Dani	P.Dani	P.Dani
24	IKS21EC051	P.Dani	P.Dani	P.Dani	P.Dani	P.Dani	P.Dani	P.Dani
DATE:			5/12/23	01/08/23	01/08/23	2/8/23	21/8/23	21/8/23
NO. OF STUDENTS PRESENT		21	21	22	22	20	23	23
NO. OF STUDENTS ABSENT		03	03	02	02	04	01	01
NAME OF INVIGILATOR		Naveen V	Naveen V	Harish	Lakshmi KK	Devika B	Shruti Joshi	Naveen V
SIGNATURE OF INVIGILATOR		Naveen V	Naveen V	Harish	Lakshmi KK	Devika B	Shruti Joshi	Naveen V

**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109**  
**Department of Electronics and Communication Engineering**  
**Attendance of IV 'A & B' for Second Internal Test (2022-2023)**

Room No: NB 203

SLNO	REGISTER NO.	MATHS FOR COMMUNICATION ENGINEERS (21EC41)	DIGITAL SIGNAL PROCESSING (21EC42)	CIRCUITS & CONTROLS (21EC43)	BIOLOGY FOR ENGINEERS (21RE45)	COMMUNICATION THEORY (21EC44)	CONSTITUTIONS OF INDIA AND PROFESSIONAL ETHICS (CIP) 21CIP47	UNIVERSAL HUMAN VALUES (21UH49)
1	IKS21EC053	Ani	Ani	Ani	Ani	Ani	Ani	Ani
2	IKS21EC054	Naru	Naru	Naru	A	Naru	Naru	Naru
3	IKS21EC055	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana
4	IKS21EC056	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana
5	IKS21EC058	Ankita NB	Ankita NB	Ankita NB	Ankita NB	Ankita NB	Ankita NB	Ankita NB
6	IKS21EC059	Raj	Raj	Raj	Raj	Raj	Raj	Raj
7	IKS21EC060	maishy	maishy	maishy	maishy	maishy	maishy	maishy
8	IKS21EC061	Pooja R	Pooja R	Pooja R	Pooja R	Pooja R	Pooja R	Pooja R
9	IKS21EC062	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D
10	IKS21EC063	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D
11	IKS21EC064	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D
12	IKS21EC065	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D
13	IKS21EC066	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D
14	IKS21EC067	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D	Pravali D
15	IKS21EC068	Preetham	Preetham	Preetham	Preetham	Preetham	Preetham	Preetham
16	IKS21EC069	Preetham	Preetham	Preetham	Preetham	Preetham	Preetham	Preetham
17	IKS21EC070	Pranitha	Pranitha	Pranitha	Pranitha	Pranitha	Pranitha	Pranitha
18	IKS21EC071	R...	R...	R...	R...	R...	R...	R...
19	IKS21EC072	Raj	Raj	Raj	Raj	Raj	Raj	Raj
20	IKS21EC073	Rame	Rame	Rame	Rame	Rame	Rame	Rame
21	IKS21EC074	R. Shrinu	R. Shrinu	R. Shrinu	R. Shrinu	R. Shrinu	R. Shrinu	R. Shrinu
22	IKS21EC075	R. Shrinu	R. Shrinu	R. Shrinu	R. Shrinu	R. Shrinu	R. Shrinu	R. Shrinu
23	IKS21EC076	Ritish	Ritish	Ritish	Ritish	Ritish	Ritish	Ritish
24	IKS21EC077	S. Sakam	S. Sakam	S. Sakam	S. Sakam	S. Sakam	S. Sakam	S. Sakam
DATE:		31/7/23	31/7/23	1/8/23	1/8/23	2/8/23	2/8/23	2/8/23
NO. OF STUDENTS PRESENT		24	24	24	24	24	24	24
NO. OF STUDENTS ABSENT		NIL	NIL	NIL	0	NIL	NIL	NIL
NAME OF INVIGILATOR		Sahana Sharma	Ranjana	Tejassini ML	Amulya S	Prasanna	Anita	Somnija Ranje
SIGNATURE OF INVIGILATOR			R	Tejassini ML	Amulya S	Prasanna	Anita	Somnija Ranje













**K.S. INSTITUTE OF TECHNOLOGY, BENGALURU - 560109**  
**SECOND INTERNAL TEST QUESTION PAPER 2022-23 EVEN SEMESTER**

**SET: A**

USN 

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Degree : B.E  
 Branch - Stream : ECE  
 Course Title : Circuits & Controls  
 Duration : 60 Minutes

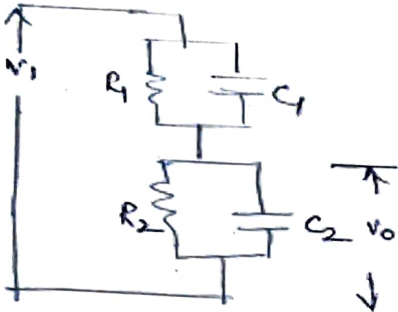
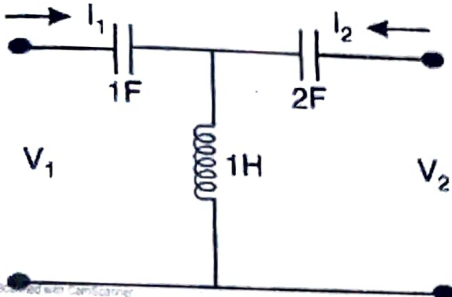
Semester : 4<sup>th</sup>  
 Course Type / Code : Core/21EC43  
 Date : 1<sup>st</sup> Aug 2023  
 Max Marks : 20

Note: Answer ONE full question from each part.


K-Levels: K1-Remembering, K2-Understanding, K3-Appling, K4-Analyzing, K5-Evaluating, K6-Creating

Q No.	Questions	Marks	CO	K-Level
<b>PART-A</b>				
1(a)	Obtain transfer function for given signal flow graph 	4	CO3	K3
(b)	Reduce the given block using block reduction technique and obtain transfer function 	4	CO3	K3
(c)	Write differential equations for the network given below and find transfer function for the same 	4	CO3	K3
<b>OR</b>				
2(a)	Draw signal flow graph and obtain transfer function 	4	CO3	K3
(b)	Find the transfer function using block reduction method for the given block 	4	CO3	K3



(c)	<p>Write differential equations for the network given below and find transfer function for the same</p> 	4	CO3	K3
<b>PART - B</b>				
3(a)	<p>Voltages <math>V_1</math> and <math>V_2</math> at the port of a 2-port network are given by the equations  <math>V_1 = 6I_1 + 20I_2</math>  <math>V_2 = 20I_1 + 40I_2</math>          Find ABCD &amp; Y parameters</p>	4	CO2	K3
(b)	<p>Check the stability of the given characteristic equation using Routh Hurwitz criteria  <math>S^6 + 2S^5 + 8S^4 + 12S^3 + 20S^2 + 16S + 16</math>. Find roots on RHS, LHS and on imaginary axis</p>	4	CO4	K3
<b>OR</b>				
4(a)	<p>Determine the h parameter &amp; Z parameter for the network given below</p> 	4	CO2	K3
(b)	<p>The polynomial <math>P(s) = S^2 + 4S + 4</math>. Using RH criteria determine the stability of the system and also determine roots lying between <math>S=0</math> and <math>S=-1</math></p> <p>and</p> <p>For the system with characteristic equation <math>S^4 + 22S^3 + 10S^2 + S + K = 0</math> find <math>K_{mar}</math> and 'w' at <math>K_{mar}</math></p>	4	CO4	K3

  
 Name & Signature of  
 Course In charge

  
 Name & Signature of  
 Module Coordinator

  
 HOD ECE

  
 Principal  
 S. Subash d.



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109**  
**SECOND INTERNAL TEST QUESTION PAPER 2022 – 23, EVEN SEMESTER**

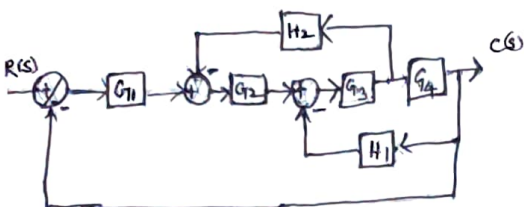
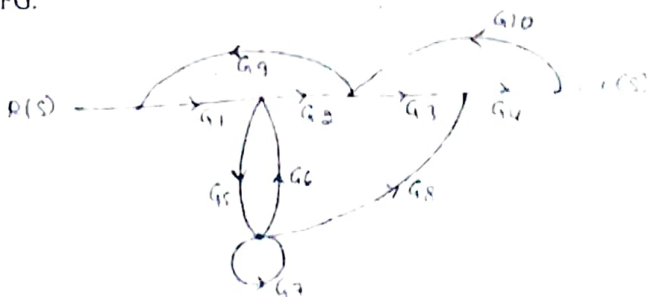
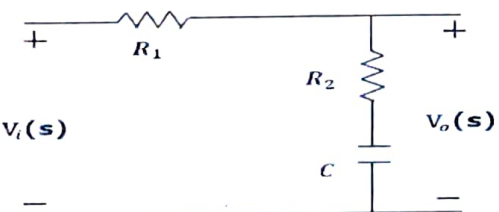
Set B

USN	1	K	S			E	C		
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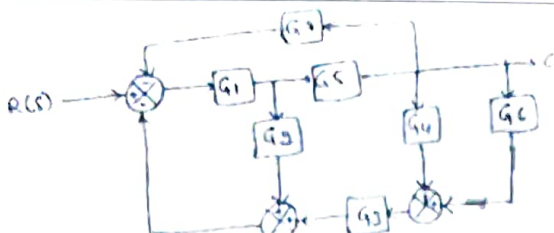
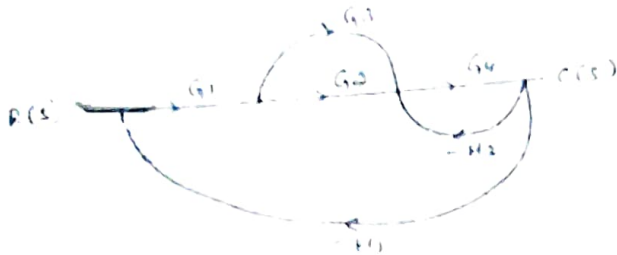
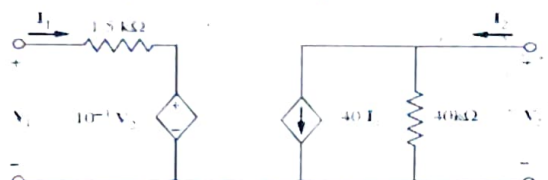
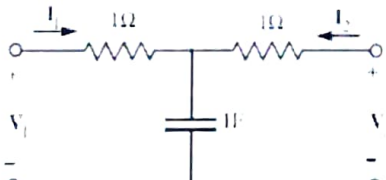
Degree : B.E  
 Branch : Electronics and Communication Engineering  
 Course Title : Circuits and Controls  
 Duration : 60 Minutes

Semester : IVA & B  
 Course Code : 21EC43  
 Date : 1.8.2023  
 Max Marks : 25

**Note: Answer ONE full question from each part.**

Q No.	Question	Marks	CO mapping	K-Level
<b>PART-A</b>				
1(a)	Identify and define control System? Distinguish between closed loop and open loop system with example. .	5	CO3	Applying-K3
(b)	Make Use of Block diagram reduction techniques to find transfer function of given Block 	5	CO3	Applying-K3
(c)	Make use of Mason Gain formula to find Transfer of the given SFG. 	5	CO3	Applying-K3
2(a)	Make use of differential model equation to find the transfer function of the given electrical Network . 	5	CO3	Applying-K3
(b)	Make Use of Block diagram reduction techniques to find transfer function of given Block	5	CO3	Applying-K3



				
(c)	Make use of Mason Gain formula to find Transfer of the given SFG. 	5	CO3	Applying-K3
3(a)	Identify the T-parameters of the given Network 	5	CO2	Applying-K3
(b)	Identify the stability of given Characteristic using Routh method $S^3+S^2+S+4=0$	5	CO4	Applying-K3
4(a)	Identify the H-parameters of the given Network 	5	CO2	Applying-K3
(b)	Identify the stability of given Characteristic using Routh method $S^4+8S^3+18S^2+16S+5=0$	5	CO4	Applying-K3

Chaitano [Signature]

Name & Signature of Course In charge

[Signature]

Name & Signature of Module Coordinator

[Signature]

HOD ECE

[Signature]

Principal



# K. S. INSTITUTE OF TECHNOLOGY, BANGALORE

IV SEM


THIRD SESSIONAL TEST TIME TABLE (2022-2023)

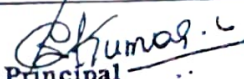
(EVEN SEMESTER 2023)

Date : 28/08/2023

DATE	TIME	ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	COMPUTER SCIENCE & DESIGN	COMPUTER SCIENCE & ENGG	ELECTRONICS & COMMUNICATION ENGG	MECHANICAL ENGG
6/09/2023 Wednesday	9:30 AM To 10:30 AM	<b>21CS41</b> Mathematical Foundations for Computing	<b>21CS41</b> Mathematical Foundations for Computing	<b>21CS41</b> Mathematical Foundations for Computing	<b>21EC41</b> Maths for Communication Engineers	<b>21ME41</b> Complex Analysis, Probability and Linear Programming
	2:00 PM To 3:00 PM	<b>21CS42</b> Design and Analysis of Algorithms	<b>21CS42</b> Design and Analysis of Algorithms	<b>21CS42</b> Design and Analysis of Algorithms	<b>21EC42-</b> Digital Signal Processing	<b>21ME42</b> Machining Science and Jigs & Fixtures
7/09/2023 Thursday	9:30 AM To 10:30 AM	<b>21CS43</b> Microcontroller and Embedded Systems	<b>21CS43</b> Microcontroller and Embedded Systems	<b>21CS43</b> Microcontroller and Embedded Systems	<b>21EC43</b> Circuits & Controls	<b>21ME43</b> Fluid Mechanics
	1:30 PM To 2:30 PM	<b>21BE45</b> Biology For Engineers	<b>21BE45</b> Biology For Engineers	<b>21BE45</b> Biology For Engineers	<b>21BE45</b> Biology For Engineers	<b>21BE45</b> Biology For Engineers
8/09/2023 Friday	9:30 AM To 10:30 AM	<b>21CS44</b> Operating Systems	<b>21CS44</b> Operating Systems	<b>21CS44</b> Operating Systems	<b>21EC44</b> Communication Theory	<b>21ME44</b> Mechanics of Materials
	1:30 PM To 2:30 PM	<b>21CIP47</b> Constitution of India and Professional Ethics (CIP)	<b>21KSK37/47</b> Samskrutika Kannada / <b>21KKB47</b> Balake Kannada	<b>21KSK47</b> Samskrutika Kannada / <b>21KKB47</b> Balake Kannada	<b>21CIP47</b> Constitution of India and Professional Ethics (CIP)	<b>21KSK47</b> Samskrutika Kannada / <b>21KKB47</b> Balake Kannada
	3:00 PM To 4:00 PM	<b>21UH49</b> Universal Human Values	<b>21UH49</b> Universal Human Values	<b>21UH49</b> Universal Human Values	<b>21UH49</b> Universal Human Values	<b>21UH49</b> Universal Human Values

Note : All the students are strictly informed to wear Lab uniforms, and college ID card is compulsory during the test.

  
Academic Coordinator  
Head of the Department  
Dept. of Mechanical Engg  
K.S. Institute of Technology  
Bangalore - 560 109.


  
Principal  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109




# K. S. INSTITUTE OF TECHNOLOGY, BANGALORE - 109

## IV SEMESTER - 3rd CIE TEST INVIGILATION DUTY (2022-2023)

Date	Timings	NB 101	NB SH 303 (3rd Floor)	NB 104	NB 202	NB 203	NB SH 204 (2nd Floor)	NB 205	NB 301	NB 302	NB 304
6/9/2023 WEDNESDAY	9:30 am to 10:30 am	BS (BS)	SS (AIML)	MN (BS)	STS (CSE)	RR (CSE)	SKB (ECE)	SG (BS)	NP (AIML)	KBM (ECE)	BHA (ECE)
			SA (CSD)				AS (AIML)				
	2:00 pm to 3:00 pm	SG (BS)	RH (CSE)	GK (CSD)	MV (BS)	SGK (BS)	TR (BS)	ALB (CSE)	SSB (CSE)	CJ (ECE)	NP (AIML)
			SKB (ECE)				AP (ECE)				
7/9/2023 THURSDAY	9:30 am to 10:30 am	SRC (BS)	RR (CSE)	SG (BS)	RH (CSE)	SD (CSE)	BHA (ECE)	SKB (ECE)	NV (BS)	ALB (CSE)	SSB (CSE)
			SCH (CSE)				SA (CSD)				
	1:30 pm to 2:30 pm	KBN (CSE)	AP (ECE)	KBM (ECE)	CJ (ECE)	TML (ME)	RKM (AIML)	LN (ME)	GK (CSD)	LKK (AIML)	SS (AIML)
			HU (ME)				LC (BS)				
8/9/2023 FRIDAY	9:30 am to 10:30 am	KT (CSE)	BHA (ECE)	AP (ECE)	KBM (ECE)	PHS (CSE)	AS (AIML)	KBN (CSE)	CJ (ECE)	GK (CSD)	LKK (AIML)
			RKM (AIML)				HU (ME)				
	1:30 pm to 2:30 pm	SSB (CSE)	NM (ME)	ALB (CSE)	SKB (ECE)	LN (ME)	SA (CSD)	NP (CSE)	SD (CSE)	TML (ME)	GK (CSD)
			LKK (AIML)				SG (BS)				
	3:00 pm to 4:00 pm	CJ (ECE)	SA (CSD)	AS (AIML)	RKM (AIML)	RH (CSE)	SS (AIML)	KBM (ECE)	AP (ECE)	BHA (ECE)	PHS (CSE)
			NP (AIML)				MS (BS)				

  
 5/9/23  
**ACADEMIC COORDINATOR**  
 Head of the Department  
 Dept. of Mechanical Engg  
 K.S. Institute of Technology  
 Bengaluru - 560 109.

  
**PRINCIPAL**  
**PRINCIPAL**  
**K.S. INSTITUTE OF TECHNOLOGY**  
**BENGALURU - 560 109.**

# K. S. INSTITUTE OF TECHNOLOGY, BANGALORE - 109

IV SEMESTER

THIRD SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER)

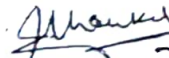
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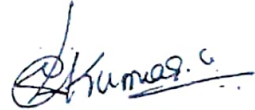
ROOM No: NB LH 101 (1ST FLOOR)

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1KS21CS003	1KS21EC003	1KS21CS009	1KS21EC009	1KS21CS016	1KS21EC016
1KS21CS004	1KS21EC004	1KS21CS010	1KS21EC010	1KS21CS017	1KS21EC017
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CS 'A' SEC Total = 18

EC 'A' SEC Total = 18

  
28/8/23  
**ACADEMIC COORDINATOR**  
Head of the Department  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.

  
**PRINCIPAL**  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109



# K. S. INSTITUTE OF TECHNOLOGY, BANGALORE - 109

## IV SEMESTER

### THIRD SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER)

303

BLACK BOARD

ROOM No: NB 103 SEMINAR HALL ( 1ST FLOOR )

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1KS21CS021	1KS21EC020	1KS21CS031	1KS21EC031	1KS21CS041	1KS21EC042
1KS21CS022	1KS21EC021	1KS21CS032	1KS21EC032	1KS21CS042	1KS21EC043
1KS21CS023	1KS21EC023	1KS21CS033	1KS21EC033	1KS21CS043	1KS21EC044
1KS21CS024	1KS21EC024	1KS21CS034	1KS21EC035	1KS21CS045	1KS21EC045
1KS21CS025	1KS21EC025	1KS21CS035	1KS21EC036	1KS21CS046	1KS21EC046
1KS21CS026	1KS21EC026	1KS21CS036	1KS21EC037	1KS21CS047	1KS21EC047
1KS21CS027	1KS21EC027	1KS21CS037	1KS21EC038	1KS21CS048	1KS21EC048
1KS21CS028	1KS21EC028	1KS21CS038	1KS21EC039	1KS21CS049	1KS21EC049
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1KS21CS030	1KS21EC030	1KS21CS040	1KS21EC041	1KS21CS051	1KS21EC051

CS 'A' SEC Total = 30

EC 'A' SEC Total = 30

*J. Manu*  
28/8/23  
ACADEMIC COORDINATOR

Head of the Department  
Dept. of Mechanical Engg  
K.S. Institute of Technology  
Bangalore - 560 109

*Shuman C.*  
PRINCIPAL

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BANGALURU - 560 109

# K. S. INSTITUTE OF TECHNOLOGY, BANGALORE - 109

IV SEMESTER

THIRD SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER)

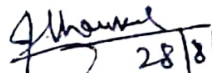
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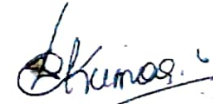
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1KS21CS054	1KS21EC055	1KS21CS060	1KS21EC062	1KS22CS405	1KS21EC068
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CS 'A' SEC Total = 19

EC 'A' SEC Total = 15

  
28/8/23  
**ACADEMIC COORDINATOR**  
Head of the Department  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.

  
**PRINCIPAL**  
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BENGALURU - 560 109



# K. S. INSTITUTE OF TECHNOLOGY, BANGALORE - 109

## IV SEMESTER

### THIRD SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER)

BLACK BOARD

ROOM No: NB LH 202 (2ND FLOOR)

CS IV 'B' SEC	EC IV 'B' SEC	CS IV 'B' SEC	EC IV 'B' SEC	CS IV 'B' SEC	EC IV 'B' SEC
1KS21CS061	1KS21EC069	1KS21CS067	1KS21EC075	1KS21CS074	1KS21EC082
1KS21CS062	1KS21EC070	1KS21CS068	1KS21EC076	1KS21CS075	1KS21EC083
1KS21CS063	1KS21EC071	1KS21CS069	1KS21EC077	1KS21CS076	1KS21EC084
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1KS21CS065	1KS21EC073	1KS21CS071	1KS21EC080	1KS21CS078	1KS21EC086
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CS 'B' SEC Total = 18

EC 'B' SEC Total = 18

*J. Manjunath*  
28/8/23  
**ACADEMIC COORDINATOR**  
Head of the Department  
Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.

*Shrinivas G.*  
**PRINCIPAL**  
PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
BENGALURU - 560 109

# K. S. INSTITUTE OF TECHNOLOGY, BANGALORE - 109

IV SEMESTER

THIRD SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER)

BLACK BOARD

ROOM No: NB LH 203 (2ND FLOOR)

CS IV 'B' SEC	EC IV 'B' SEC	CS IV 'B' SEC	EC IV 'B' SEC	CS IV 'B' SEC	EC IV 'B' SEC
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1KS21CS081	1KS21EC089	1KS21CS087	1KS21EC096	1KS21CS093	1KS21EC102
1KS21CS082	1KS21EC090	1KS21CS088	1KS21EC097	1KS21CS094	1KS21EC103
1KS21CS083	1KS21EC091	1KS21CS089	1KS21EC098	1KS21CS095	1KS21EC104
1KS21CS084	1KS21EC092	1KS21CS090	1KS21EC099	1KS21CS096	1KS21EC105
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CS 'B' SEC Total = 18

EC 'B' SEC Total = 18

*[Signature]*  
28/8/23  
ACADEMIC COORDINATOR

Dept. of Mechanical Engg.  
K.S. Institute of Technology  
Bengaluru - 560 109.

*[Signature]*  
PRINCIPAL

PRINCIPAL  
K.S. INSTITUTE OF TECHNOLOGY  
- BENGALURU - 560 109



# K. S. INSTITUTE OF TECHNOLOGY, BANGALORE - 109

## IV SEMESTER

### THIRD SESSIONAL TEST SEATING ARRANGEMENT - 2022-23 (EVEN SEMESTER)

#### BLACK BOARD


**ROOM No: NB 204 SEMINAR HALL (2ND FLOOR)**

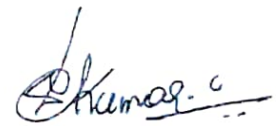
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1KS21CS100	1KS21ME003	1KS21EC109	1KS21CS110	1KS22ME400	1KS21EC120	1KS22CS406	1KS22EC408
1KS21CS101	1KS21ME004	1KS21EC110	1KS21CS111	1KS22ME401	1KS21EC121	1KS22CS407	1KS22EC409
1KS21CS102	1KS21ME005	1KS21EC111	1KS21CS112	1KS22ME402	1KS22EC400	1KS22CS409	1KS22EC410
1KS21CS103	1KS21ME006	1KS21EC112	1KS21CS113	1KS22ME403	1KS22EC401	1KS22CS410	1KS22EC411
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1KS21CS106	1KS21ME009	1KS21EC115	1KS21CS116		1KS22EC404	1KS22CS416	
1KS21CS107		1KS21EC116	1KS21CS117		1KS22EC405		

CS 'B' SEC Total = 29

EC 'B' SEC Total = 27

ME Total = 17

  
 28/2/23  
**ACADEMIC COORDINATOR**  
 Head of the Department  
 Dept. of Mechanical Engg  
 K. S. Institute of Technology  
 Bengaluru - 560 109

  
**PRINCIPAL**  
**PRINCIPAL**  
**K. S. INSTITUTE OF TECHNOLOGY**  
**BENGALURU - 560 109**











**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109**  
**Department of Electronics and Communication Engineering**  
**Attendance of IV 'B' for Third Internal Test (2022-2023)**

Room No: NB LH 203

SL. NO	REGISTER NO.	MATHS FOR COMMUNICATION ENGINEERS (21EC41)	DIGITAL SIGNAL PROCESSING (21EC42)	CIRCUITS & CONTROLS (21EC43)	BIOLOGY FOR ENGINEERS (21BE45)	COMMUNICATION THEORY (21EC44)	CONSTITUTIONS OF INDIA AND PROFESSIONAL ETHICS (CIP) 21CIP47	UNIVERSAL HUMAN VALUES (21UH49)
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3	1KS21EC090	Shashank C U	Shashank C U	Shashank C U	Shashank C U	Shashank C U	Shashank C U	Shashank C U
4	1KS21EC091	\$	\$	\$	(AP)	\$	\$	\$
5	1KS21EC092	Shah	Shah	Shah	Shah	Shah	Shah	Shah
6	1KS21EC093	Shu	Shu	Shu	Shu	Shu	Shu	Shu
7	1KS21EC095	Spoorthyma	Spoorthyma	Spoorthyma	Spoorthyma	Spoorthyma	Spoorthyma	Spoorthyma
8	1KS21EC096	Sulakshmi	Sulakshmi	Sulakshmi	Sulakshmi	Sulakshmi	Sulakshmi	Sulakshmi
9	1KS21EC097	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala
10	1KS21EC098	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala
11	1KS21EC099	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala
12	1KS21EC100	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala
13	1KS21EC101	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala
14	1KS21EC102	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala
15	1KS21EC103	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala
16	1KS21EC104	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala
17	1KS21EC105	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala
18	1KS21EC106	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala	Ujwala
DATE:		6/9/22	6/9/2023	7/9/23	7/9/23	8/9/23	8/9/23	8/9/23
NO. OF STUDENTS PRESENT		18	18	18	17	18	18	18
NO. OF STUDENTS ABSENT		NIL	00	NIL	01	NIL	NIL	NIL
NAME OF INVIGILATOR		Romya R	ROOFAK MURTHY	SANJAY DAT	Tejaswini M.L	PHS	Satish	RASHMI
SIGNATURE OF INVIGILATOR		Romya	<del>Roofak</del>	<del>Sanjay</del>	Tejaswini	<del>PHS</del>	<del>Satish</del>	R









**K.S. INSTITUTE OF TECHNOLOGY, BENGALURU - 560109**  
**THIRD INTERNAL TEST QUESTION PAPER 2022-23 EVEN SEMESTER**

**SET: A**

USN 

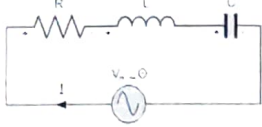
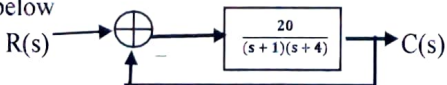
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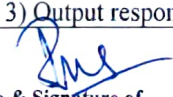
**Degree : B.E**  
**Branch- Stream : ECE**  
**Course Title : Circuits & Controls**  
**Duration : 60 Minutes**


**Semester : 4<sup>th</sup>**  
**Course Type / Code : Core/21EC43**  
**Date : 7<sup>th</sup> Sep 2023**  
**Max Marks : 20**

Note: Answer ONE full question from each part.

K-Levels: K1-Remembering, K2-Understanding, K3-Applying, K4-Analyzing, K5-Evaluating, K6-Creating

Q No.	Questions	Marks	CO	K-Level
<b>PART-A</b>				
1(a)	Obtain the State model equation for the given electrical system  Note: <b>Output is taken across capacitor</b> & Define State, State Vector, State variable & State transition matrix	4	CO5	K3
(b)	The open loop transfer function of a unity feedback system is $G(s) = \frac{1}{s((0.5s+1)(0.1s+1))}$ Draw Bode plot and find $W_{gc}$ , $W_{pc}$ , GM and PM comment on system stability	4	CO5	K3
(c)	Obtain the Root locus for the for the give transfer function $G(s)H(s) = \frac{K}{s((s+3)(s^2+3s+11.25))}$	4	CO5	K3
<b>OR</b>				
2(a)	Mention all the rules of root locus and obtain the root locus for the open loop transfer function $G(s)H(s) = \frac{K}{s((s+5)(s+10))}$ . Find the range of K for system stability and K value for $\zeta = 0.707$	4	CO5	K3
(b)	Sketch Bode plot for the given $G(s)H(s) = \frac{K}{s((0.1s+1)(0.05s+1))}$ . Find the value of K for gain margin of 10db.	4	CO5	K3
(c)	Find the state transition matrix for $A = \begin{bmatrix} 0 & -1 \\ 2 & -3 \end{bmatrix}$ .	4	CO5	K3
<b>PART-B</b>				
3(a)	Obtain the time response of a second order system subjected to unit step input for under damped condition.	4	CO4	K3
(b)	Obtain the close loop transfer function, damping ratio and output response for step input for the system given below 	4	CO4	K3
<b>OR</b>				
4(a)	A second order system is given by $\frac{C(s)}{R(s)} = \frac{25}{s^2+6s+25}$ . Find Rise Time, settling time Peak overshoot and Peak Time. Also find the output response: $C(t)$ .	4	CO4	K3
(b)	A system has 30% overshoot and settling time of 5 seconds for a Unit step input. Determine <ul style="list-style-type: none"> <li>• 2<sup>nd</sup> order Transfer function</li> <li>• Peak time</li> <li>• 3) Output response</li> </ul>	4	CO4	K3

Name & Signature of Course In charge: 

Name & Signature of Module Coordinator: 

HOD ECE: 

Principal: 

*Selected*





**K.S. INSTITUTE OF TECHNOLOGY, BENGALURU - 560109**  
**THIRD INTERNAL TEST QUESTION PAPER 2022-23 EVEN SEMESTER**

**SET: B**

USN 

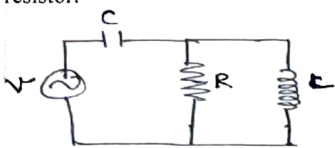
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**Degree : B.E**  
**Branch- Stream : ECE**  
**Course Title : Circuits & Controls**  
**Duration : 60 Minutes**

**Semester : 4<sup>th</sup>**  
**Course Type / Code : Core/21EC43**  
**Date : 7<sup>th</sup> Sep 2023**  
**Max Marks : 20**


Note: Answer **ONE full** question from each part.

K-Levels: K1-Remebering, K2-Understanding, K3-Applying, K4-Analyzing, K5-Evaluating, K6-Creating

Q No.	Questions	Mar ks	CO	K- Level
<b>PART-A</b>				
1(a)	<b>Identify</b> the state model of the given electrical network and find the output as current through resistor. 	4	CO5	K3
(b)	<b>Make use of</b> open loop transfer function of a unity feedback system is $G(s) = \frac{80}{s((s+2)(s+20))}$ Draw Bode plot and find $W_{gc}$ , $W_{pc}$ , GM and PM comment on system stability	4	CO5	K3
(c)	Make use of transfer function $G(s)H(s) = \frac{k(s+2)(s+3)}{s(s+1)}$ and find the Root locus of given system.	4	CO5	K3
<b>OR</b>				
2(a)	Mention all the rules of root locus and obtain the root locus for the open loop transfer function $G(s)H(s) = \frac{K}{s((s+3)(s^2+3s+11.2))}$	4	CO5	K3
(b)	Sketch Bode plot for the given $G(s)H(s) = \frac{K}{s(s+2)(s+4)}$ . <b>Identify</b> the value of K for gain margin of 20db.	4	CO5	K3
(c)	<b>Identify</b> the state transition matrix for $A = \begin{bmatrix} 1 & 0 \\ 1 & 1 \end{bmatrix}$ . & find the state model equation for the differential equation give below $\frac{d^4y}{dt^4} + 7\frac{d^3y}{dt^3} + 8\frac{d^2y}{dt^2} + y(t) = 3u(t)$	4	CO5	K3
<b>PART-B</b>				
3(a)	<b>Make use of</b> second order system to Express rise time, peak time, peak overshoot, settling Time subjected to unit step input for under damped condition.	4	CO4	K3
(b)	<b>Identify</b> the close loop transfer function, damping ratio and output response for step input for the system given below $G(s) = 9/s(s+2)$	4	CO4	K3
<b>OR</b>				
4(a)	A second order system is given by $\frac{C(s)}{R(s)} = \frac{100}{s(s+10)}$ . <b>Identify</b> Rise Time, settling time Peak overshoot and Peak Time. Also find the output response C(t).	4	CO4	K3
(b)	<b>Model</b> transient characteristics of a control system to a unit step input and define the following i) delay time ii) rise time iii) peak time iv) peak overshoot iv) settling Time	4	CO4	K3

  
 Name & Signature of  
 Course In charge:

  
 Name & Signature of  
 Module Coordinator

  
 HOD ECE

  
 Principal