



Visvesvaraya Technological University
Jnana Sangama", Belagavi-590 018, Karnataka State

Registrar

VTU approval 2023

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

Ref. VTU/ACA-LIC/2022-23/SO/ 6292

Date: 24 JAN 2023

AFFILIATION NOTIFICATION

Sub: Continuation/Extension of Affiliation for the Academic Year 2022-23 for R.R. INSTITUTE OF TECHNOLOGY, BENGALURU
Ref:

1. Executive Council Resolution No. Approved vide Executive Council Resolution No. 2.1.4 dated 30/7/2022
2. Vice Chancellor's order 30-07-2022

In Exercise of the powers conferred to the University vide Section 40(9) of Visvesvaraya Technological University Act 1994, your college is granted Continuation / Extension of Affiliation for the Academic Year 2022-23 to offer the following Courses. This permission is subject to the fulfillment of the conditions stipulated by the LIC Committee (refer Annexure A).

Courses

Course	Year of Starting	Shift	Present Intake	Proposed Intake	VTU Intake	VTU Recommendation	Applicable From	Applicable To
Civil Engineering - UG	2010	First	120	120	120	TA	2022-23	2022-23
Computer Science & Engineering - UG	2008	First	120	120	120	TA	2022-23	2022-23
Electrical & Electronics Engineering - UG	2008	First	60	60	60	TA	2022-23	2022-23
Electronics & Communication Engineering - UG	2008	First	60	60	60	TA	2022-23	2022-23
Information Science & Engineering - UG	2008	First	60	60	60	TA	2022-23	2022-23
Mechanical Engineering - UG	2010	First	60	60	60	TA	2022-23	2022-23

NOTE:

1. All the courses for which government notification is not obtained either for starting of a new course or for permanent affiliation, this notification is subject to the approval of State Government of Karnataka. If already obtained, send a copy to the University.
TA- Temporary Affiliation, PA/PR - Permanent Affiliation

Further, the college is also informed to follow any other Notification/Circular/Norms Issued by AICTE / UGC / State Government / VTU in this regard.

Encl: Annexure A

To,
The Principal,
R.R. INSTITUTE OF TECHNOLOGY, BENGALURU
Rajareddy Layout, Near Chikkabanavara Railway Station, Chikkabanavara

Copy Fwc's to:

1. Hon'ble Vice-Chancellor, through the Secretary to VC, VTU, Belagavi.
2. The Principal Secretary, Department of Higher Education, Government of Karnataka.
3. The Under Secretary, Department of Higher Education, Government of Karnataka.
4. The Director, Technical Education, Bengaluru.
5. Chairman/Secretary, PKM Educational Trust, Raja Reddy Layout, Near Chikkabanavara Railway Station, Chikkabanavara, Bengaluru Bengaluru North Bengaluru Urban
6. The Registrar (Evaluation), VTU, Belagavi.
7. The I/c Regional Director, VTU,

Mahesh
PRINCIPAL
R.R. INSTITUTE OF TECHNOLOGY
Chikkabanavara, Bangalore - 560 090.

Ray 23/01/23 BE
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

REGISTRAR

Phone : (0831) 2498100

Fax : (0831) 2405467

REF: VTU/BGM/ACA/2022-23/ 3000

DATE: 3 SEP 2022

NOTIFICATION

Subject: - Academic Calendar of ODD semesters B.E./B.Tech./B.Plan./B.Arch. programs of University regarding...

Reference: Hon'ble Vice-Chancellor's approval dated: 03.09.2022

The academic calendar concerned to **ODD semesters** of **B.E./B.Tech./B.Plan./B.Arch.** programs of University for academic year 2022-23 are hereby notified as mentioned in the attached sheet;

The Principals of Affiliated, Constituent and Autonomous Engineering Colleges are hereby informed to bring the : academic calendar to the notice of all concerned.

Encl: As mentioned

Sd/-

REGISTRAR

To,

1. The Principals of all affiliated/ constituent /Autonomous Engineering Colleges under the ambit of VTU Belagavi.
2. The chairperson, Department of Mechanical Engineering /Civil Engineering /Computer Science and Engineering and Business Studies 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 revised Academic Calendar on the VTU web portal.
5. The Director of Physical Education, VTU Belagavi for information
6. PS to Registrar VTU Belagavi
7. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

Rag 03/09/2022 E
Registrar

✍

Academic Calendar for ODD Semester of UG programs for the year 2022-23

	I semester B.E./B.Tech.	I semester B.Arch./B.Plan	I semester B.Sc.	III semester B.E./ B.Tech.	III Semester B.Arch.	III semester B. Plan	III Semester B.Sc.	V Semester B.E./B.Tech.	V Semester B.Arch./ B.Plan.	VII semester B.E./B.Tech.	VII semester B.Plan.	VII semester B.Arch	IX semester B.Arch
Commencement of ODD Semester	# 10.10.2022	# 10.10.2022	10.10.2022 (Tentative)	11.10.2022	31.10.2022	31.10.2022	10.10.2022	10.10.2022	12.09.2022	21.08.2022	21.08.2022	19.09.2022	01.09.2022
Internship				11.10.2022 To 30.10.2022						21.08.2022 To 17.09.2022	21.08.2022 To 24.09.2022		
Commencement of Classes				31.10.2022	31.10.2022	31.10.2022	10.10.2022	10.10.2022	12.09.2022	19.09.2022	26.09.2022	19.09.2022	01.09.2022
Last Working day of ODD Semester				11.02.2023	11.02.2023	11.02.2023	28.01.2023	27.01.2023	31.12.2022	31.12.2022	07.01.2023	31.12.2022	20.12.2022
Practical Examination				13.02.2023 To 21.02.2023	13.02.2023 To 21.02.2023	13.02.2023 To 21.02.2023	01.02.2023 To 09.02.2023	30.01.2023 To 09.02.2023	03.01.2023 To 13.01.2023	03.01.2023 To 13.01.2023	09.01.2023 To 14.01.2023	03.01.2023 To 13.01.2023	21.12.2022 To 31.12.2022
Theory Examinations				22.02.2023 To 22.03.2023	22.02.2023 To 22.03.2023	22.02.2023 To 22.03.2023	13.02.2023 To 03.03.2023	13.02.2023 To 18.03.2023	16.01.2023 To 15.02.2023	16.01.2023 To 15.02.2023	16.01.2023 To 15.02.2023	16.01.2023 To 15.02.2023	----
Internship			*	26.03.2023 To 16.04.2023	---	---		---	---		---		---
Internship Viva Voce/ Project viva				---	---	---		---	---	---	---		---
Commencement of EVEN Semester				17.04.2023	17.04.2023	17.04.2023	20.03.2023	20.03.2023	20.03.2023	20.02.2023	20.02.2023	20.02.2023	06.01.2023

Please Note:

- The academic sessions for ODD semesters should commence from the dates mentioned above. # Commencement of Induction Program As per AICTE Academic Calendar 2022-23
- The commencement date of VII semester B.E./B.Tech/, is postponed from 12.09.2022 to 19.09.2022 to cover 04 weeks of Internship duration. The students of B.E./B.Tech., compulsorily have to complete the Internship in this duration only.
- The commencement date of VII semester B.Plan., is postponed from 12.09.2022 to 26.09.2022 to cover 06 weeks of Internship duration.
- Students joining to VII semester B.E./B.Tech/B.Plan should complete the **Internship** before the commencement of the classes.
- The Institute needs to function for **six days** a week with additional hours (**Saturday is a full working day**). #if required, the college can also plan to have extra classes on Sundays 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.
- The college has to conduct offline classes to cover **80%** of the syllabus of the courses; however, **20%** of the syllabus can be covered in virtual model (Online) mode. **Attendance** of the students for offline and online classes is mandatory and records should be maintained and submitted to the university whenever informed.
- If any clarification/correction, please email to to-sbhvtuso@gmail.com

* **Internship for Lateral Entry Students**


 REGISTRAR
 7/21/22



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R. R. Institute of Technology

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Raja Reddy Layout, Chikkabanavara, Bengaluru - 560 090

Internal Quality Assurance Cell

INSTITUTION CALENDAR OF EVENTS

ver 2.0

4 Yr. B.E Program of VTU- for VI Semester EVEN SEM Academic Year 2022-2023

(From commencement to last working day of Even semester)

Month	Week	Day and Date						Details
		Mon	Tue	Wed	Thu	Fri	Sat	
March 2023	01	20	21	22 H	23	24	25	20: Commencement of 6 th Semester 22 : Chandramana Ugadi
March-April	02	27	28	29	30	31	01	
April	03	03	04	05	06	07 H	08	07: Good Friday 07: World Health Day
	04	10	11	12	13	14 H	15	14: Dr. Ambedkar Jayanthi
	05	17	18	19	20	21	22 H	17: 1 st Question bank for 1 st IA test 18: World Heritage Day 22: Qutub-E- Ramzan /Akshaya Tritiya 22: World Earth Day
	06	24 T1	25 T1	26 T1	27	28	29	24,25 & 26: 1 st IA Test for 6 th SEM
May	07	01 H	02	03	04	05	06	01: May Day 04: Display of IA Marks 05: 1 st PTM & Proctor Report Submission
	08	08	09	10	11	12	13	
	09	15	16	17	18	19	20	16: 2 nd Question Bank for 2 nd IA test
	10	22	23	24	25 T2	26 T2	27 T2	25,26 & 27: 2 nd IA Test for 6 th SEM
May-June	11	29	30	31	01	02	03	02: Display of IA Marks 03: 2 nd PTM & Proctor Report Submission
June	12	05	06	07	08	09	10	05: World Environment Day
	13	12	13	14	15	16	17	14: World Blood Donation Day
	14	19	20	21	22	23	24	20: 3 rd Question Bank for 3 rd IA test 21: International Yoga Day
June-July	15	26 T3	27 T3	28 T3	29 H	30	01	26, 27 & 28: 3 rd IA Test for 6 th SEM 29: Bakrid
July	16	03 LT	04 LT	05 LT	06	07	08	03, 04 & 05 : Lab Tests
	17	10						10: Last Working Day of 6 th SEM
No. of Working days		16	16	15	15	14	15	
Total No. of Working days: 91 days for 6 th SEMESTER								T1: Test 1, T2: Test 2, T3: Test 3 LT: Lab Test H: Holiday

(After the last working day of Even semester)

Month	Week	Day and Date						Details
	No	Mon	Tue	Wed	Thu	Fri	Sat	
July 2023	17	10	11	12	13	14	15	11.07.2023 to 21.07.2023 – Practical / VIVA Examination for 6 th Semester
	18	17	18	19	20	21	22	
	19	24	25	26	27	28	29	24.07.2023 to 12.08.2023 – Theory Examinations for 6 th Semester
July- August	20	31	01	02	03	04	05	
August	21	07	08	09	10	11	12	
	22	14	15	16	17	18	19	
	23	21	22	23	24	25	26	4 Weeks : 09.09.2023 Internship
August - September	24	28	29	30	31	01	02	
September	25	04	05	06	07	08	09	
All Saturdays are Half Day								H: Holiday

Note: Ref: VTU/BGM/ACA/2022-23/7119 dated: 02.03.2023

Prepared by:

IQAC Coordinator



Principal 6/3/23

Principal

PRINCIPAL

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Department of Mechanical Engineering

DEPARTMENT CALENDAR OF EVENTS

ver 2.0

4 Yr. B.E Program of VTU- for IV Semester EVEN SEM Academic Year 2022-2023
(From commencement to last working day of Even semester)

Month	Week	Day and Date						Details
	No	Mon	Tue	Wed	Thu	Fri	Sat	
May 2023	01			17	18	19	20	17: Commencement of 4 th Semester 17.05.2023 - 03.06.2023 : Internship
	02	22	23	24	25	26	27	
May - June	03	29	30	31	01	02	03	31: Anti - Tobacco Day
June	04	05	06	07	08	09	10	05: Commencement of 4 th Semester Classes 05: World Environment Day
	05	12	13	14	15	16	17	12: Anti-Child Labour Day 16: BIS Standard Competition
	06	19	20	21	22	23	24	21: International Yoga Day
June - July	07	26	27	28	29 H	30	01	26: 1 st Question Bank for 1 st IA Test 29: Bakrid 01: Doctors Day
July	08	03 T1	04 T1	05 T1	06	07	08	03 - 05 : 1 st IA Test for 4 th SEM
	09	10	11	12	13	14	15	11: World Population Day 13: 1 st PTM
	10	17	18	19	20	21	22	17: Industrial Visit
	11	24	25	26	27	28	29 H	29: Muharram
July - August	12	31	01	02	03	04	05	01: 2 nd Question Bank for 2 nd IA Test
August	13	07 T2	08 T2	09 T2	10	11	12	07 - 09: 2 nd IA Test for 4 th SEM 12: International Youth Day
	14	14	15 H	16	17	18	19	15: Independence Day 16: 2 nd PTM
	15	21	22	23	24	25	26	
August - September	16	28	29	30	31	01	02	29: National Sports Day 01: 3 rd Question Bank for 3 rd IA Test
September	17	04	05	06	07 T3	08 T3	09 T3	07 - 09: 3 rd IA Test for 4 th SEM 05: Teachers Day 08: International Literacy Day
	18	11	12 LT	13 LT	14 LT	15	16	12 - 14: Lab Test 15: Engineers Day 16: World Ozone Day 16: Last Working Day of 4 th Semester
No. of Working days		17	16	18	17	18	17	
Total No. of Working days: 85 days (Excluding Internship) for 4 th SEM								T1: Test 1, T2: Test 2, T3: Test 3 LT: Lab Test H: Holiday



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Department of Mechanical Engineering


(After the last working day of Even semester)

Month	Week	Day and Date						Details
	No	Mon	Tue	Wed	Thu	Fri	Sat	
September	19	18 H	19	20	21	22	23	18: Ganesh Chaturthi 19.09.2023 to 30.09.2023: Practical/VIVA Examination for 4 th SEM
	20	25	26	27	28 H	29	30	28: Eid - Milad
October	21	02 H	03	04	05	06	07	02: Gandhi Jayanthi 04: World Animal Welfare Day 03.10.2023 - 20.10.2023: Theory Examination
	22	09	10	11	12	13	14 H	14: Mahalaya Amavasya
	23	16	17	18	19	20	21	16: World Food Day
	24	23 H	24 H	25				23: Mahanavamy, Ayudha Pooja 24: Vijaya Dashami 25: Commencement of Next Semester
All Saturdays are half day								H: Holiday

Note: Ref: VTU/BGM/GC/2022-23/712 dated: 09.05.2023

Prepared by: 
Bharath K

Coordinator


HOD


PRINCIPAL

R.R. INSTITUTE OF TECHNOLOGY
Chikkabanavara, Bangalore - 560 090



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Department of Mechanical Engineering

Subject Allotment 2022-23

Date:- 13/08/2022

SUBJECT PREFERENCE FOR THE ODD SEM 2022-23

Sl No	Faculty Name	Subject 1	Subject 2	Subject 3
1	Dr.Mahendra K V	21ME32		
2	Dr.Channabasavaraj.S	21MEL35		
3	Dr.Amarnath G	18ME735	21ME33	18ME56
4	Dr. C N Suresh	18ME735	18ME56	18ME735
5	Dr.Manjunatha G	18ME56	21ME33(MSM)	21ME15
6	Mr.Bhagth Kalburgi	18ME72	18ME55	21ME34
7	Mr.Murali G E	Eng. Visualization	Machine drawing & GD&T	18ME56
8	Mr. Lohith Kumar J K	DME-I (18ME52)	Control Engineering	18ME53
9	Mr. Deepak A R	18ME54	21ME32	21ME34
10	Mr. Srinivas K R	18ME53	21ME15	18ME52

HOD

[Signature]
13/8/22
HOD of Mechanical Engineering
R.R. Institute of Technology
Hesaraghatta Main Road
Ch. Chikkabanavara, Bengaluru - 560



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Department of Mechanical Engineering

Subject allotment for odd semester AY-2022-23

21 scheme 3rd semester list of courses

Sl. No	Sub code	Subject	Elective	Elective	Staff
1	21MAT31	Transform Calculus, Fourier Series And Numerical Techniques			Mrs.Shwetha K.R
2	21ME32	Metal casting, Forming and Joining Processes			Dr.K.V.Mahendra
3	21ME33	Material Science and Engineering			Dr.Amarnath.G
4	21ME34	Thermodynamics			Mr.Bharath.K
5	21MEL35	Machine Drawing and GD & T			Dr.Channabasavara j
6	21UH36	Social Connect and Responsibility			Dr.Praseeda
7	21ME38X	Ability Enhancement Course - III	21ME381 Introduction to PYTHON (0-0-2-0)		Mr.Lohith J K

18 scheme 5th semester list of courses

1	18ME51	Management and Economics			Dr.Manjunath
2	18ME52	Design of Machine Elements I			Mr.Lohith
3	18ME53	Dynamics of Machines			Mr.Srinivas
4	18ME54	Turbo Machines			Mr.Deepak.L
5	18ME55	Fluid Power Engineering			Mr.Murali G.E
6	18ME56	Operations Management			Dr.Channabasavara j
7	18MEL57	Fluid Mechanics/Machines lab			Mr.Lohith
8	18MEL58	Energy Conversion Lab			Mr.Baharath.K

18 scheme 7th semester course list

1	18ME71	Control Engineering			Mr.Lohith
2	18ME72	Computer Aided Design and Manufacturing			Mr.Bharath.K
3	18ME73X	Professional Elective - 2	18ME735 Operations Research		Dr.Suresh.C.N
4	18ME74X	Professional Elective - 3	18ME741 Additive Manufacturing Building Cooling Technologies	18ME744 Mechatronics	Dr.Amarnath.G
5	18ME75X	Open Elective -B	18ME751 Energy and Environment 2		Dr.Suresh.C.N
6	18MEL76	Computer Integrated Manufacturing Lab			Dr.Manjunath.G
7	18MEL77	Design Lab			Mr.Srinivas K.R

[Signature]

HOD of Mechanical Engineering
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Since 1993

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Department of Mechanical Engineering

Date:- 10/02/2023

SUBJECT PREFERENCE FOR THE EVEN SEM 2022-23

Sl No	Faculty Name	Subject 1	Subject 2	Subject 3
1	Dr.Mahendra K V	MSS&F		
2	Dr.Channabasavaraj.S	Energy Engg	BCEDK 203	
3	Dr.Amarnath G	Energy Engineering	NTM	MMM
4	Dr. C N Suresh	CAED		
5	Dr.Manjunatha G	FEM	EME	NDT
6	Mr.Bharth Kalburgi	DME43 FM	Heat Transfer	Automobile .
7	Mr.Murali G E	NTM	CAED	
8	Mr. Lohith Kumar J K	DME-II	NES	MOM
9	Mr. Deepak A R	CAED	Automobile	Heat transfer
10	Mr. Srinivas K R	MOM	EME	FEM

HOD 10/2/23



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Department of Mechanical Engineering

Subject allotment for Even semester AY-2022-23

21 scheme 4th semester list of courses

Sl. No	Sub code	Subject	Elective	Elective	Staff
1	21MAT41	Complex Analysis Probability & Linear Programming			Mrs.Shwetha K.R
2	21ME42	Machining science & Jigs & fixture			Dr.K.V.Mahendra
3	21ME43	Fluid Mechanics			Mr.Bharath. K
4	21ME44	Mechanics Of Materials			Mr.Srinivas K R
5	21BE45	Biology for Engineers			Ms Pallavi Bekal
6	21MEL46	MMM LAB			Dr.Amarnath.G
7	21CIP47	CONSTITUTION OF INDIA & PROFESSIONAL ETHICS			Ms. Aishwarya V Kakade
8	21ME481	Ability Enhancement Course-IV	Spread sheet for Engineers		Mr.Bharath. K
9	21UH49	Universal Human Values			Mr.Lohith J K
10	21MATDIP41	Additional Mathematics - II			Dr.Ramachandra V

18 scheme 6th semester list of courses

1	18ME61	Finite element Analysis			Dr Manjunath.G.
2	18ME62	Design of Machine Elements II			Mr.Lohith Kumar
3	18ME63	Heat Transfer			Mr.Deepak A R
4	18ME641	Professional Elective -1	NTM		Mr.Srinivas K R
5	18cv65265	Open Elective-A	Traffic Engineering		Ms Priyadarshini
6	18MEL66	CAMA LAB			Dr.Manjunath.G
7	18MEL67	Heat Transfer Lab			Mr.Bharath. K
8	18MEL68	Mini Project			Dr.Amarnath.G

18 scheme 8th semester course list

1	18ME81	Energy Engineering			Dr.Channabasavaraj
2	18ME823	Professional Elective - 3	Non Destructive Testing		Dr.Amarnath.G
3	18ME824		Automobile Engineering		Mr.Bharath. K
4	18MEP83	Project phase - II			Dr Manjunath.G.
5	18MES84	Technical Seminar			Dr.Amarnath.G
6	18MEI85	Internship			Dr.Channabasavaraj


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Chikkabanavara, Bangalore - 90

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Internal Quality Assurance

LESSON PLAN FOR EVEN SEM - ACADEMIC YEAR 2022-23 - EVEN SEM

Academic year : 2022-23	Semester : EVEN
Degree : BE	Programme : CIVIL ENGINEERING
Subject Name : Design of Pre Stressed Concrete Elements	Subject Code : 18CV81
Total contact hours:50 Credits- 03	IA Marks: 40
Faculty Name: Gunasheela P Signature :	Reviewed by : B. R. Shilpa Signature :

Significance of the Subject: With the outlay for developing infrastructure of our country being very high, Infrastructure works like developing transportation systems in urban areas and rural areas becomes challenging for civil engineers. Construction of these structures with conventional RC structures will make the structures very bulky and the strength carrying capacity is also less. To overcome these challenges, high strength Pre stressed concrete systems are ideal systems. Having a full credit course in the academics for Civil engineering students is very much required. Hence this subject acquires very high significance in being taught to the students.

Prerequisite:

Concrete Technology, Design of RC structures

Course Objective:

This course will enable students to learn Design of Pre Stressed Concrete Elements

Course Outcomes:

1. Understand the requirement of PSC members for present scenario.
2. Analyse the stresses encountered in PSC element during transfer and at working.
3. Understand the effectiveness of the design of PSC after studying losses
4. Capable of analyzing the PSC element and finding its efficiency.
5. Design PSC beam for different requirements.

Class No	Module No	Topic to be Covered	Teaching aids (CT/Online/PPT)	Date		Bloom's Level	CO'S	Remarks
				Planned	Completed			
1		Introduction Of Prestressing system and its importance, Concept of Prestressing	PPT	20/2/2023	20/2	L2		
2		Types Advantages Limitations – Prestressing systems	PPT	20/2/2023	20/2	L2		

3	Module 1	Anchoring devices - Materials -	PPT	21/2/2023	21/2	L2	CO 1
4		Mechanical Properties of high strength concrete	PPT	21/2/2023	21/2	L2	
5		High strength steel - Stress-Strain curve for High strength concrete.	PPT	27/2/2023	27/2	L2	
6		Analysis of members at transfer - Stress concept	PPT	27/2/2023	27/2	L2	
7		Comparison of behaviour of reinforced concrete - prestressed concrete	PPT	28/2/2023	28/2	L2	
8		Force concept	CT	06/3/2023	6/3/2023	L2	
9		Load balancing concept Kern point - Pressure line	CT	06/3/2023	6/3/2023	L2	
10		Load balancing concept Kern point - Pressure line	CT	07/3/2023	7/3/2023	L2	
11		Losses in Prestress	CT	07/3/2023	7/3/2023	L3	
		TEST 13/03/2023: 1st IA Test for 8th Sem					
12	Loss of Prestress due to Elastic shortening, Friction, Anchorage slip,	CT	14/3/2023	14/3/2023	L3		
13	Creep of concrete, Shrinkage of concrete and Relaxation of steel- Total Loss.	CT	14/3/2023	14/3/2023	L3		
14	Deflection and Crack Width Calculations of Deflection due to gravity loads	CT	20/3/2023	20/3/2023	L3		
16	Deflection due to prestressing force - Total deflection - Limits of deflection	CT	20/3/2023	21/3/2023	L3		
17	Deflection due to prestressing force - Total deflection - Limits of deflection	CT	21/3/2023	21/3/2023	L3		

18	Mod ule 2	Limits of span-to-effective depth ratio	CT	21/3/2023	23/3/2023	L3	CO 2	
19		Calculation of Crack Width - Limits of crack width.	CT	27/3/2023	28/3/2023	L3		
20		Revision of module 2.	CT	27/3/2023	28/3/2023	L3		
21	Mod ule 3	Design of Sections for Flexure	CT	28/3/2023	4/4/2023	L4	CO 3	
22		Analysis of members at ultimate strength	CT	28/3/2023	4/4/2023	L4		
23		Preliminary Design	CT	03/4/2023	5/4/2023	L4		
24		Final Design for Type I members	CT	03/4/2023	5/4/2023	L4		
25		Preliminary Design	CT	04/4/2023	6/4/2023	L4		
26		Final Design for Type I members	CT	04/4/2023	6/4/2023	L4		
27		Problems on type 1 member	CT	10/4/2023	10/4/2023	L4		
28	Problems on type 1 member	CT	10/4/2023	10/4/2023	L4			
11/04/2023: 2nd IA Test for 8th Sem								
29	Mod ule 4	Design for Shear	CT	17/4/2023	17/4/2023	L4	CO 4	
30		Analysis for shear	CT	17/4/2023	17/4/2023	L4		
31		Components of shear resistance	CT	18/4/2023	18/4/2023	L4		
32		Modes of Failure	CT	18/4/2023	18/4/2023	L4		
33		Limit State of collapse for shear	CT	24/4/2023	24/4/2023	L4		
34		Design of transverse reinforcement	CT	24/4/2023	24/4/2023	L4		
35		Problems on shear	CT	25/4/2023	25/4/2023	L4		
36		Problems on shear	CT	25/4/2023	25/4/2023	L4		
37	Mod ule 5	Different anchorage system	CT	02/5/2023	2/5/2023	L4	CO 5	
38		design of end block by latest IS codes	CT	02/5/2023	2/5/2023	L4		

39	design of end block by latest IS codes	CT	08/5/2023	8/5/2023	L4
40	design of end block by latest IS codes	CT	08/5/2023	8/5/2023	L4
41	design of end block by latest IS codes	CT	09/5/2023	9/5/2023	L4
42	design of end block by latest IS codes	CT	09/5/2023	9/5/2023	L4
10/05/2023: 3rd IA Test for 8th Sem					

* GL: Guest Lecture/IV: Industrial Visits/CS: Case Studies/AA: Article based Assignment or Survey/SDE: Skill Development Exercises /PS: Presentations/ RP: Role Play/SG: Simulation Games/QZ: Quiz/V: Videos/PSS: Problem Solving Skills/PC: Practical

Bloom's Taxonomy Level

L1-Remembering L2-Understanding L3-Appling L4-Analysing L5-Evaluating L6-Creating

Text Books:

- 1 Krishna Raju, N. "Prestressed Concrete", Tata McGraw Hill Publishing Company, New Delhi 2006
- 2 Krishna Raju, N., "Pre-stressed Concrete - Problems and Solutions", CBS Publishers and Distributors, Pvt.Ltd., New Delhi.
- 3 Rajagopalan N, "Pre - stressed Concrete", Narosa Publishing House, New Delhi

Reference Books:

- 1 Praveen Nagarajan, "Advanced Concrete Design", Person
- 2 P. Dayaratnam, "Prestressed Concrete Structures", Oxford & IBH-Pubs Company, Delhi, 5th Edition
- 3 Lin T Y and Burns N H, 'Design of Pre - stressed Concrete Structures', John Wiley and Sons, New York
- 4 Pundit G S and Gupta S P, "Pre - stressed Concrete", C B S Publishers, New Delhi
- 5 IS: 1343: Indian Standard code of practice for Prestressed concrete, BIS, New Delhi.
- 6 IS: 3370-Indian Standard code of practice for concrete structures for storage of liquids, BIS, New Delhi

Self-Study topics (not included in syllabus)


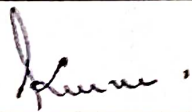
Sl.No.	Self-Study topics	Suggested reference	Cos
1	Types of Prestressing - Advantages Limitations - Prestressing systems, High strength steel - Stress-Strain curve for High strength concrete.	Krishna Raju, N. "Prestressed Concrete" Text book	CO1

Course Articulation Matrix

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	2											2	
CO2	2	2											2	
CO3	2	2	2										2	
CO4	2	2	2										2	
CO5	2	2	2										2	

Curricula Gap Analysis

Sl.No	Curriculum Gap	Action taken	Date-Month-Year	Resource Person with designation	% of students present	Relevance to POs, PSOs
1	Practical knowledge	Industrial visit	planning			

 Signature of Faculty	 Signature of HOD
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Class Time -Table

W.E.F- 05-06-2023

Ver. No 4.1

Department	Electronics & Communication Engineering					Semester	IV		
Academic Year	2022-23					Room No.	203		
Class Coordinator	Prof. SHYAMALA P BHAT								
Period	I	II		III	IV		V	VI	VII
Day	9.15-10.10	10.10-11.05	11.05-11.15	11.15-12.10	12.10-01.05	01.05-01.45	1.45-2.40	2.40-3.35	3.35-4.30
Monday	21EC42	21EC43		21EC44	21EC41		21BE45	21CIP47	21INT49/ Proctor
Tuesday	21ECL46-B1/21EC481-B2/ Remedial class-B3				21EC42		21EC43	21EC43	21EC44
Wednesday	21EC43	21EC42	T E A B R E A K	21EC41	21EC44		21ECL46-B2/21EC481-B3/ Remedial class-B1		
Thursday	21EC44	21EC42		21EC41	21EC43		NMDC-21NSS/PE/YO-83		
Friday	21BE45	21EC41		21EC44	21EC42		21ECL46-B3/21EC481-B1/ Remedial class-B2		
Saturday	21EC41	21UH49		21DIPMAT					

Allocation of Subjects

Subject code	Subject	Subject Initials	Faculty Name	Faculty initials	Work load
21EC41	Maths for Communication Engineers	M IV	Prof.Shwetha K R	SKR	10 Units
21EC42	Digital Signal Processing	DSP	Prof. Parimala Gandhi G	PG	10 Units
21EC43	Circuits & Controls	C&C	Dr.Sunitha H D	Dr.SHD	10 Units
21EC44	Communication Theory	CT	Prof.Chitharanjan Das V	CDV	10 Units
21BE45	Biology For Engineers	BFE	Prof.Pallavi Bekal	PB	4 Units
21ECL46	Communication Laboratory I	CL I	Prof.Chitharanjan Das V & Prof.Shyamala P Bhat	CDV/SPB	09Units
21CIP37/47	Constitution of India & Professional Ethics	CPH	Prof.Ranganath BA	RBA	02 Units
21EC481	Ability Enhancement Course- IV Embedded C Basics	ECB	Prof.Raghunandan G and Dr. Rasmi	RG & RA	09Units
21UH49	Universal Human Values	UHP	Prof.Parimala Gandhi G	PG	02 Units
21INT49	Internship	INT	Prof.Raghunanadan G / Prof.Anshudeepak	RG/AD	02 Units

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Class Time -Table

Ver. No 6.2

Department	Electronics & Communication Engineering		Semester	VI					
Academic Year	2022-23		Room No.	205					
Class Coordinator	Prof. <i>Raghu Nandan G</i>								
Period Day	I 9.15-10.10	II 10.10-11.05	III 11.05-11.15	IV 11.15-12.10	V 12.10-01.05	VI 01.05-01.45	VII 1.45 - 2.40	VIII 2.40-3.35	IX 3.35-4.30
Monday	18EC61	18EC62	B R E A K	18EC63	18EC644	L U N C H B R E A K	18ECL67-B1		
Tuesday	18EC62	18EC644		18EC61	OE		18ECL66-B1		
Wednesday	18EC644	18EC61		18EC63	OE		Placement Activity	PROCTOR	
Thursday	18EC63	18EC644		18EC62	18EC61		Mini Project		
Friday	18EC62	18EC644		OE	18EC63		Mini Project		
Saturday	OE	18EC63		18EC62	18EC61				

Allocation of Subjects

Subject code	Subject	Subject Initials	Faculty Name	Faculty initials	No of units
18EC61	Digital Communication	DC	Prof.Chitharanjan Das V	AD	10
18EC62	Embedded Systems	ES	Prof.Shyamala P Bhat	SPB	10
18EC63	Microwave and Antenna	MWA	Prof.Raghu Nandan G	RG	10
18EC644	Digital System Design using Verilog	DSDV	Prof.B N Mohan Kuamr	BNM	10
18 CV652 and 18CV653	Traffic Engineering (OE) Occupational Health Safety	TE/OHS	Prof.Priyadarshini (CV) and Prof. Abhishek (CV)	PD & AB	08
18ECL66	Embedded Controller Lab	ECL	Prof.Shyamala P Bhat & Prof.B N Mohan Kuamr	SPB & BNM	03 & 03
18ECL67	Communication Lab	COMM Lab	Prof.Anshudeepak & Prof.Chitharanjan Das V	AD & CDV	03 & 03
18ECMP	Mini Project	MP	Dr.Rasmi	Dr.RM	01

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Ver. No 8.1

W.E.F 13-02-2023

Department	Electronics & Communication Engineering					Semester	VIII		
Academic Year	2022-23	2018 SCHEME				Room No.	204		
Class Coordinator	Prof. Mallesh B Y.								
Period Day	I	II		III	IV		V	VI	VII
	9.15-10.10	10.10-11.05	11.05-11.15	11.15-12.10	12.10-01.05		1.45-2.40	2.40-3.35	3.35-4.30
Monday	18EC821	18EC81	BR E AK	18EC81	18EC821	L U N C H B R E A K	INTERNSHIP		
Tuesday	18EC81			18EC821			SEMINAR		
Wednesday	PROJECT WORK						PROJECT WORK		
Thursday	PROJECT WORK						PROJECT WORK		
Friday	PROJECT WORK						PROJECT WORK		
Saturday									

ALLOTMENT OF SUBJECT:

Subject code	Subject	Subject Initials	Faculty Name	Faculty initials	No of Units
18EC81	Wireless & Cellular Communication	WC	Prof.Mallesh B Y	MBY	08
18EC821	Network Security	NS	Dr.Shivshankar	Dr.SS	08
18ECP83	Project work	PW	Prof. Chitharanjan Das V	CDV	02
18ECS84	Technical Seminar	TC	Prof. Shyamala P Bhat	SPB	01
18ECI85	Internship	INT	Prof. AnshuDeepak	AD	01

B.N. Mohankumar
Time-Table coordinator

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INDIVIDUAL Time-Table



Department	Electronics & Communication Engineering	Semester	II (E Sec) & VI
Academic Year	2022-23	Room No.	112 & 203
Faculty name	Prof. Raghunandan G		

Period Day	I	II	III	IV	L U N C H B R E A K	V	VI	VII
	9.15-10.10	10.10-11.05	11.05-11.15	11.15-12.10		12.10-01.05	1.45-2.40	2.40-3.35
Monday				BPLCK B205				BPLCKB205-B:1
Tuesday		21ECL481-B2						BPLCKB205-B2
Wednesday				18EC63				21ECL481-B3
Thursday	18EC63			BPLCK B205				
Friday					18EC63	BPLCK B205		21ECL481-B1
Saturday		18EC63		CKB205				

ALLOTMENT OF SUBJECT:			
Subject code	Subject	Subject Initials	
BPLCKB205	Introduction to Python Programme	IPY	08 Units +06Units =14Units
21ECL481	Embedded C Basics Lab	EmbC	8 Units
18EC63	Microwave and Antenna	M&A	10 Units
Additional Workload			
1	NSS Coordinator	NSS	01 Unit
2	NAAC Dept.Criteria 7 Incharge		01 Unit

B.N. Mohan Kumar
 Signature of Time Table Coordinator

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B.N. Mohan Kumar
 Signature of HOD

B.N. Mohan Kumar
 Signature of Time Table Coordinator



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Class Time -Table

Ver. No 3.1

W.E.F-31-10-2022

Department	Electronics & Communication Engineering					Semester	III				
Academic Year	2022-23					Room No.	203				
Class Coordinator	Prof. Chitharanjan Das V										
Period	I	II		III	IV		V	VI	VII		
Day	9.15-10.10	10.10-11.05	11.05-11.15	11.15-12.10	12.10-01.05	01.05-01.45	1.45-2.40	2.40-3.35	3.35-4.30		
Monday	21MAT31	21EC33	B R E A K	21EC32	21EC34	L U N C H B R E A K	21ECL35-B1 / AEC21EC383-B2 /B3-Remedial Class				
Tuesday	21EC33	21EC33		21MAT31	21EC34		21ECL35-B2 / AEC21EC383-B3 /B1-Remedial Class				
Wednesday	21EC34	21MAT31		21EC34	21EC33		21EC32	21UH36	21EC33		
Thursday	21MAT31	21EC32		HSMC21KSK37/BK3 7			NMDC-21NSS/PE/YO-83				
Friday	21ECL35-B3 / AEC21EC383-B1 / B2- Remedial Class				21EC34		21MAT31	21EC32	21EC33		
Saturday	21EC32	21EC32	BREA K	21DIPMAT							

Allocation of Subjects

Subject code	Subject	Subject Initials	Faculty Name	Faculty initials	No of units
BSC 21MAT31	Mathematics Course	MIII	Dr.RamachandraMurthy V	Dr.RMV	10
IPCC 21EC32	Digital System Design using Verilog	DSD using Verilog	Dr.Sunitha H D	Dr.SHD	12
IPCC 21EC33	Basic Signal Processing	BSP	Mr.Mallesha B Y	MBY	12
PCC 21EC34	Analog Electronic Circuits	AEC	Mrs.Shyamala P Bhat	SPB	10
PCC 21ECL35	Analog and Digital Electronics Lab	ADEL	Mr.Chitaranjandas Mr.Raghunanadan G	CDV/RG	09/09
UHV 21UH36	Social Connect and Responsibility	SCR	Mrs.Parimala Gandhi	PG	02
HSMC21KS K37/BK37	Samskrutika Kannada /Balake Kannada	SK /BK	Mrs.Jayasheela	JS	04
AEC21EC38 2/383	Ability Enhancement Course- AEC/ LIC Lab using Pspice & MultiSIM	AEC-III	Mrs. Anshu Deepak & Mrs. Shymala P Bhat	AD/SPB	09/09

B. N. Mohan Kumar
Time-Table coordinator

Sunitha H D
HOD 29/10/2022

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Ver. No 5.1

W.E.F-10-10-2022

Department	Electronics & Communication Engineering					Semester	V 2018 Scheme		
Academic Year	2022-23					Room No.	205		
Class Coordinator	Prof. Shyamala P Bhat								
Period →	I	II		III	IV		V	VI	VII
Day ↓	9.15-10.10	10.10-11.05	11.05 - 11.15	11.15-12.10	12.10-01.05	01.05-01.45	1.45 - 2.40	2.40-3.35	3.35-4.30
Monday	18EC55	18EC53	B R E A K	18EC56	18ECL57-T	L U N C H B R E A K	18ECL57-B1		
Tuesday	18EC54	18EC55		Placement Activity	18ECL58-T		18ECL58-B1		
Wednesday	18EC56	18EC53		18ES52	18EC55		18EC54	18ES51	18EC52
Thursday	18ES51	18EC52		18EC53	18EC56		18EC51	18EC56	18EC54
Friday	18EC52	18ES51		18EC56	18EC53		18EC54	18CIV59	18EC55
Saturday	18EC53	18EC55		18EC54	18ES51				

Allocation of Subjects

Subject code	Subject	Subject Initials	Faculty Name	Faculty initials	No of units
18ES51	Technological innovation management and entrepreneurship	TI&ME	Mrs.Anshu Deepak	AD	10
18EC52	Digital signal processing	DSP	Mr.Mallesha B Y	MBY	10
18EC53	Principles of communication systems	POC	Mr.Chitaranjan Das V	CDV	10
18EC54	Information theory and coding	ITC	Mrs.Shyamala P bhat	SPB	10
18EC55	Electromagnetic waves	EW	Mr.Raghunandan G	RG	10
18EC56	Verilog HDL	VHDL	Mr.Mohan Kumar BN	BNM	10
18ECL57	Digital signal processing laboratory	DSPL	Mr.Mallesha B Y, Mr. Mohan Kumar B N,	MBY & BNM	04/03
18ECL58	HDL Laboratory	HDLL	Mr. Mohan Kumar B N, Mr.Mallesha B Y	BNM & RG	04/03
18CIV59	Environmental studies	ES	Civil Department		01

B.N.Mohan Kumar
 Time Table coordinator

L. H. H. D
 HOD 8/10/2022.

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Class Time -Table

W.e.f - 19/09/2022

Department	Electronics & Communication Engineering					Semester	VII		
Academic Year	2022-23					Room No.	204		
Class Coordinator	Prof. Anshudeepak								
Period Day	I	II		III	IV	01.05-01.45	V	VI	VII
	9.15-10.10	10.10-11.05	11.05-11.15	11.15-12.10	12.10-01.05		1.45-2.40	2.40-3.35	3.35-4.30
Monday	18EC71	18EC733	B R E A K	18EC72	18EC741	L U N C H B R E A K	18EC72	18EC71	18EC733
Tuesday	18EC72	18EC71		18EC75X OE	18EC733		Placement Activity	18EC72	18EC741
Wednesday	18EC733	18EC741		18EC75X OE	18EC71		Project/Internship		
Thursday	18ECL76-T	18EC72		18EC75X OE	18EC733		18ECL76-B1		
Friday	18ECL741	18EC71		18EC75X OE	18ECL77-T		18ECL77-B1		
Saturday	Project			Project					

Allocation of Subjects

Subject code	Subject	Subject Initials	Faculty Name	Faculty initials	No of units
CN	Computer Networks	18EC71	Dr.Shivashankar	Dr.SS	10
VLSI D	VLSI Design	18EC72	Mrs.Parimala Gandhi G	PG	10
DIP	Digital Image Processing (PE-2)	18EC733	Mrs.Anshu Deepak	AD	10
IOT & WSN	IOT and Wireless Sensor Networks (PE-3)	18EC741	Mr.Ragunandan G	RG	08
OE	Open Elective	18ME751 18ME753 18CV753	Dr.Suresha CN [208, CV Block] Mr.Murali G E [203, CV Block] Mr.Ranganathan B [205, CV Block]		08
CN L	Computer Networks Lab	18ECL76	Dr.Shivashankar	Dr.SS & RG	04&03
VLSIL	VLSI Lab	18ECL77	Mrs.Parimala Gandhi G, Mr. Mohan Kumar B	PG&B NM	04&03
PWS	Project Work Phase-I + Project work Seminar	18ECP78	Mr.Chitaranjan Das	CDV	02

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INDIVIDUAL Time -Table

Department	Electronics & Communication Engineering					Semester	III & V		
Academic Year	2022-23					Room No.			
Faculty name	Prof. Shyamala P Bhat								
Period →	I	II		III	IV		V	VI	VII
Day ↓	9.15-10.10	10.10-11.05	11.05-11.15	11.15-12.10	12.10-01.05		1.45 - 2.40	2.40-3.35	3.35-4.30
Monday					21EC34	L U N C H B R E A K	21EC382-B2		
Tuesday	18EC54		B		21EC34		21EC382-B3		
Wednesday	21EC34		R	21EC34			18EC54		
Thursday			E	18EC54					
Friday	21EC382-B1				21EC34		18EC54		
Saturday			A	18EC54-R					

ALLOTMENT OF SUBJECT:

Subject code	Subject	Subject Initials	
21EC34	Analog Electronic Circuits	AEC	10 UNITS
21EC382	Analog Electronic Circuits Lab using PSpice and Multisim	AECL	09 UNITS
18EC54	Information Theory and Coding	ITC	

Additional Workload

1	Cultural Committee		01 UNIT
2	Sports and Yoga Committee		01 UNIT
3	Workshop Coordinator		01 UNIT
4	Class Coordinator		01 UNIT
5	Technical Seminar Coordinator		01 UNIT

B.N Mohan Kumar
Signature of Time Table Coordinator

Shyamala P Bhat
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Department of Civil Engineering

Date: 26/12/2022

CIRCULAR

Department Academic Council (DAC) meeting for the academic year 2022-23 is scheduled on 28/12/2022 at 3.30 PM in HOD's Chamber-- department of civil engineering. The members of the DAC committee are requested to attend the meeting on the scheduled date and time. Below listed tentative agenda shall be discussed during the committee meeting. The members are requested provide valuable inputs for future development and growth of the department.

Time; 3.30 PM

Venue: HOD CHAMBER





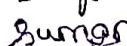
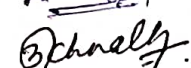
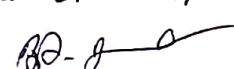

Ranganathan.B.A


Dr G.Sankara 27/12

Convener

HOD-Civil

Committee Members

1. Dr. G.Sankara-Chairman & HOD 
2. Dr. Ramagowda - Faculty Member 
3. Shilpa B.R. - Faculty Member 
4. Miss Dikshya Shrestha-2nd year student 
5. Suman Kumar Shah - 3rd year student 
6. Lekhnath Adikari - 4th year student 
7. Prof B.A. Ranganathan- Convener 

Agenda:

Calender of Events -Dept & College

NTPL courses

21 scheme syllabus discussion

Student chapter



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Department of Civil Engineering

RRIT/CV/DAC/2022-23/

Date:28/12/2022

Department Academic Council Meeting

Minutes of meeting for the year 2022-23- Even semesters

Members		Sign.
Dr.SankaraGullapalli	Chairman &HOD	
B.A.Ranganathan	Convener	
Dr.Ramegowda	FacultyMember	
Shilpa B.R.	FacultyMember	
Miss DikshyaShrestha	StudentMember2 nd year	
Suman Kumar Shah	StudentMember3 rd year	
LekhnathAdikari	StudentMember4 th year	

The department academic council members assembled in HOD chamber at 3.0 PM on 28/12/2022

The following points were discussed in meeting:

1. Dr.SankaraG.HOD welcomed all the members
2. All the members introduced each other as this is first meeting all of joining together for the academic year 2022-23
3. HOD informed the members that dept got NBA & explained advantages of NBA to the dept
4. DAC members reviewed previous minutes of the meeting
5. Odd semester started from 19/09/2022 for 7thsem, 10/10/2022 for 5thsem and 31/10/2022 for 3rdsem as per VTU calendar
6. HOD explained importance of attendance & minimum 85 % of attendance is compulsory.
7. HOD shared the good news that Department of Civil Engineering got NBA and also other dept of college CSE & ISE also got NBA for 3 years
8. HOD informed about the seminars, workshop that is planned for this semester.



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Department of Civil Engineering

9. DAC members discussed on project work & 3rd sem internship
10. HOD explained on CO, PO & PEO'S
11. HOD explained importance of students self study plan.
12. HOD explained importance of B.E(Honors)
13. NPTEL or any online courses recognized by AICTE will be only considered for B.E(Honors) degree
14. DAC members agreed for topper list and marks target format.
15. Discussed on calendar of events & IA time table. The events will be conducted as per plan
16. Discussed on Licence exam for Nepali students after their degree in their country
17. Quantity survey SDP for 7th sem student from practicing Engineer Or by Architecture
18. Discussed on Self study plan from students
19. After 1st IA Procter's will be revised
20. 21 scheme has BE(Hons) and BE –major and minor degree of their choice branch
21. Course topper from each course will get certificate
22. Rolling shield will be given from this academic year for 1st, 3rd 5th sem student class on program topper
23. Karthru student chapter will conduct one sports event and one technical inter college competition
24. ACCE students' chapter has started and must becoming member

HOD thanked all the members for attending the meeting

Chairman & HOD



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Department of Civil Engineering

Outward No: RRIT/CV/22-23/69

Date: 10/10/2022

PROPOSAL FOR: Conducting Departmental Advisory Board meeting for academic year 2022-23 on 20/10/2022

REMARKS

Objectives and outcome of the program

Objectives:

The Departmental Advisory Board (DAB) has been framed with the objective of remaining up to date with the latest requirements of the industry and incorporating necessary components in the curriculum as much as possible.

The DAB is composed of members from Government officer, industry person and members of faculty of the department.

Outcomes:

1. The Board will provide advice and strategic guidance to the department on matters of curricula, research and engineering practice, both domestic and global. It will serve as a constituent of the undergraduate programs in Civil engineering and will assist in establishing, reviewing and assessing achievement of Undergraduate Program Educational Objectives.
2. It will further provide strategic advice to the faculty on graduate level education, especially on the need for and development of professional programs.
3. Board members will facilitate alliances with corporate, NGO and government agencies on matters of faculty and student research and may serve as research partners when appropriate.
4. The Board will assist the departmental advancement team in identifying and developing individual and corporate sponsors

To fill the gap between industry and teaching learning process
Curriculum Ac

Forwarded to the Principal for kind approval
11/10/22

B.A.Ranganathan

B.A.R.
Convener

Forwarded to Management member

CONCURRENCE (From authorised officer who scrutinises the proposal)

May be approved & sanction of Rs. 5000/-

REMARKS

WS
13/10/2022

Signature of the Authorised Officer

ORDERS (Sanctioning Authority)

Approved & sanctioned Rs. 5000/-
Meeting agenda to be approved by IQAE & principal

REMARKS

S. Subhalakshmi
14/10/2022



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Department of Civil Engineering

Minutes of the Departmental Advisory Board Meeting for the academic year 2022-23

024-12-2022

Sl.No.	Name	Designation	Signature
1	Dr.G.Sankara	Chairman&HOD-CED	
2	Ranganathan.B.A	Convener	
3	Dr.Jagadeesha kumar Represented By Dr Prseeda	FacultyMember	
4	Gunasheela.P Represented By Sushma RK	FacultyMember	
5	Dr. P PNageswara Rao	Former Director -ISRO &Chairman, Technical Expert Committee, Planning department, Government of Karnataka	
6	Dr Ravi.D	Senior Environment Officer- KSPCB, MoEF, Bengaluru-1	

- Dr.G.Sankara welcomed all DAB members for the meeting
- Dr.G.Sankara shared happy news of NBA Accreditation of the Dept.
- Dr.G.Sankara also informed CSE & ISE dept also got Accreditation by NBA
- Dr.G.Sankara explained the objectives of the DAB like latest requirements of the industry and necessary components in the curriculum as per 21 scheme
- Explained on VTU 21 scheme & syllabus of 2nd year and 18 scheme for 3rd year and 4th year
- Explained on VTU electives subjects taken by 7th semester students and discussed on VTU electives subjects for 6th and 8th semester students.
- Explained on VTU electives subjects taken by 3rd semester students as per 21 scheme
- Explained SDP planned in Odd & Even semester for 2nd, 3rd and 4th year students as per department calendar of events
- Certification program for final year students is in progress
- Hands on experience in AutoCADD was conducted for Final year students
- Discussed on SDP planned for odd semester on VTU electives subjects not selected by students
- Explained on conducting of Industrial visit in odd semester and even semester



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Department of Civil Engineering

- Explained on Project work selected by students and also discussed on the same. Soft copy of the project was shown and same was approved by all the members
- Explained on Internship taken by students in various companies was discussed.
- Discussed on important software's to be taught for civil engineering students and software that is taught in previous years was also explained.
- FDP on Total station was organized by Dept of Civil Engineering in the from 21st to 26th September 2022 for all the staff members and also for polytechnic staff. Session and hands on experience was Conducted by Dr Jagadeesha Kumar B.G , Professor in Civil Engineering Dept
- Placement training program is in progress for 7th semester students
- HOD informed Job fair has been organized on 27/12/22 for Engineering, diploma, any degree holders and
- Discussed on internship of 1 year & Final year students
- Discussed on Project selected by students and same was approved
- Discussed on dept Vision ,Mission, PEO's & PSO's
- Members discussed on steps to be taken for admissions improvement in the civil Engg dept.
- Discussed on conducting seminar /guest talk on entrepreneurs ship in the coming semester
- Discussed on 22 scheme of 1 year


HOD



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Department of Electronics and Communication Engineering

Date: 17-10-2022

Question Paper Evaluation Committee

Academic Year 2022-23

The following faculties are nominated as members of IA question paper evaluation committee.

1. Dr. Sunitha H D - Program Coordinator
2. Mrs. Parimala Gandhi G - Member
3. Mr. Chitharanjan Das V - Member

Roles and Responsibilities:

1. The Committee shall ensure that the questions are from within the syllabus and framed in a manner legible to the student.
2. Shall ensure that the coverage and level of the question paper are appropriate with the curriculum and assessment framework
3. Shall ensure that the question paper contains no ambiguity and the wording of each question is precise, define and easily understandable.
4. Shall ensure that the rubric for the question paper is correct.
5. Shall ensure that the scheme of evaluation is sufficiently flexible and detailed.
6. Shall ensure that there are no spelling mistakes or other errors in the question paper.

B. N. Mohan Kumar
Signature of Coordinator

Signature of HOD

17/10/2022

Members: 1.

2.

Faculties:



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Department of Electronics and Communication Engineering

Date:30-12-2022

Circular

All the faculties handling 3rd Semester are here by informed to prepare question paper for first Internal Assessment (IA) and submit before 02-12-2022 for scrutiny. Last date for giving the Zerox Copies of test question paper in a sealed Envelope Cover is 03-12-2022.

B. N. Mohankumar
Signature of Coordinator

K. H. H. D.
Signature of HOD 30/12/2022

Ch
Ru



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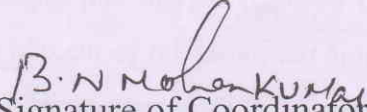
Department of Electronics and Communication Engineering

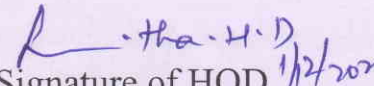
Date: 01-12-2022

First Internal Test Time Table for Third Semester

Academic Year 2022-23 (Odd Semester)

Sl. No	Date (Day)	Semester	Slot1 (Forenoon)	Slot2 (Afternoon)	Slot3 (Afternoon)
			9.30AM-11AM	1.30AM- 3PM	3.30PM-4.30PM
1	05-12-2022 Monday	3 rd	21MAT31 Mathematics Course	21EC32 DSD using Verilog	-----
2	06-12-2022 Tuesday	3 rd	21EC33 Basic Signal Processing	21EC34 Analog Electronic Circuits	21KSK37/BK 37 Samskrutika Kannada / Balake Kannada


Signature of Coordinator


Signature of HOD


Signature of Principal



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Department of Electronics & Communication Engineering

01-12-2022


Room Allotment of Third Semester for I Internal Test

Room No-205

Sl.No	USN (ECE)	USN (EEE)	USN(ECE)
1	1RI21EC001	1RI21EE001	1RI21EC016
2	1RI21EC002	1RI21EE002	1RI21EC017
3	1RI21EC003	1RI21EE003	1RI21EC018
4	1RI21EC004	1RI21EE004	1RI21EC019
5	1RI21EC005	1RI21EE005	1RI21EC020
6	1RI21EC006	1RI21EE006	1RI21EC021
7	1RI21EC007	1RI21EE007	1RI21EC022
8	1RI21EC008	1RI21EE008	1RI21EC023

Sl.No	USN (ECE)	USN (EEE)	USN(ECE)
1	1RI21EC009	1RI21EE009	1RI21EC024
2	1RI21EC010	1RI21EE010	1RI21EC025
3	1RI21EC011	1RI21EE011	1RI21EC026
4	1RI21EC012	1RI21EE012	1RI21EC027
5	1RI21EC013	1RI21EE013	1RI21EC028
6	1RI21EC014	1RI21EE014	1RI21EC029
7	1RI21EC015	1RI21EE015	1RI21EC030


Signature of Test Coordinator


Signature of HOD



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Department of Electronics & Communication Engineering

01-12-2022

Room Allotment of Third Semester for I Internal Test

Room No-201

Sl.No	USN (ECE)	USN (EEE)	USN(ECE)
1	1RI21EC031	1RI21EE016	1RI21EC046
2	1RI21EC032	1RI21EE017	1RI21EC047
3	1RI21EC033	1RI21EE018	1RI21EC048
4	1RI21EC034	1RI21EE019	1RI21EC049
5	1RI21EC035	1RI21EE020	1RI21EC050
6	1RI21EC036	1RI21EE021	1RI21EC051
7	1RI21EC037	1RI21EE022	1RI21EC052
8	1RI21EC038	1RI21EE023	1RI21EC053

Sl.No	USN (ECE)	USN (EEE)	USN(ECE)
1	1RI21EC039	1RI21EE024	1RI21EC054
2	1RI21EC040	(LE) SUBHAJIT PATRA	1RI21EC055
3	1RI21EC041	(LE) SONU SAHU	1RI21EC056
4	1RI21EC042	(LE) GIRISH	1RI21EC057
5	1RI21EC043	1RI21EC061/ 1RI20EC006	1RI21EC058
6	1RI21EC044	1RI21EC062	1RI21EC059
7	1RI21EC045	1RI21EC063	1RI21EC060

B. N. Mohan KUMAR
Signature of Test Coordinator

[Signature]
Signature of HOD



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Department of Electronics & Communication Engineering

01-12-2022

Faculty Duty Allotment for I Internal Test of Third Semester

Sl.No	Faculty Name	SLOT 1		SLOT 2		SLOT 3
		9.30AM-11AM		1.30PM-3PM		3.30PM-4.30PM
		05-12-2022	06-12-2022	05-12-2022	06-12-2022	06-12-2022
		Monday	Tuesday	Monday	Tuesday	Tuesday
1	Prof. Anshu Deepak					✓
2	Prof.Chitharanjan Das V			✓		
3	Prof.Mallesh B Y		✓			
4	Prof.Raghunandan G				✓	
5	Prof. Shyamala P Bhat	✓				

B. N. Mohan Kumar
Signature of Test Coordinator

Chitharanjan Das V
HOD

Mallesh B Y
Principal

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Department of Electronics & Communication Engineering

I Internal Test Attendance for 3rd Semester Academic Year 2022-23

Room No: 201

SL.N	USN	Names	21MAT31	21EC32	21EC33	21EC34	21KSK3	21KKBK3
0							7	7
1	1RI21EC031	KAVYA B M	Kavya B M	Kavya B M	Kavya B M	Kavya B M	Kavya B M	Kavya B M
2	1RI21EC032	KEERTHANA R	Keerthana R	Keerthana R	Keerthana R	Keerthana R	Keerthana R	Keerthana R
3	1RI21EC033	KISHORE KU	Kishore Kumar N	Kishore Kumar N	Kishore Kumar N	Kishore Kumar N	Kishore Kumar N	Kishore Kumar N
4	1RI21EC034	KRISHNARAJ	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna
5	1RI21EC035	MANISH KUMAR	Manish Kumar	Manish Kumar	Manish Kumar	Manish Kumar	Manish Kumar	Manish Kumar
6	1RI21EC036	MANJUNATH S	Manjunath S	Manjunath S	Manjunath S	Manjunath S	Manjunath S	Manjunath S
7	1RI21EC037	MEGHANA R	Meghana R	Meghana R	Meghana R	Meghana R	Meghana R	Meghana R
8	1RI21EC038	MITHUN REDDY	Mithun	Mithun	Mithun	Mithun	Mithun	Mithun
9	1RI21EC039	MONIKA KU	- AB -	- AB -	- AB -	- AB -	- AB -	- AB -
10	1RI21EC040	NANDEESH U	Nandeesha U	Nandeesha U	Nandeesha U	Nandeesha U	Nandeesha U	Nandeesha U
11	1RI21EC041	NAVYA N N	Navya N N	Navya N N	Navya N N	Navya N N	Navya N N	Navya N N
12	1RI21EC042	NIMISHASRI RA	Nimishasri R	Nimishasri R	Nimishasri R	Nimishasri R	Nimishasri R	Nimishasri R
13	1RI21EC043	NIRAJ SHARMA	Niraj	Niraj	Niraj	Niraj	Niraj	Niraj
14	1RI21EC044	PRASAD H	- AB -	- AB -	- AB -	- AB -	- AB -	- AB -
15	1RI21EC045	PRIYADARSHAN	Priyadarshan	Priyadarshan	Priyadarshan	Priyadarshan	Priyadarshan	Priyadarshan
16	1RI21EC046	PUDIPARTHI SU	Pudiparthi S	Pudiparthi S	Pudiparthi S	Pudiparthi S	Pudiparthi S	Pudiparthi S
17	1RI21EC047	PUNEETH B M	Puneeth B M	Puneeth B M	Puneeth B M	Puneeth B M	Puneeth B M	Puneeth B M
18	1RI21EC048	RADHIKA B	Radhika B	Radhika B	- AB -	- AB -	- AB -	- AB -
19	1RI21EC049	RAKSHITHA N	Rakshitha N	Rakshitha N	Rakshitha N	Rakshitha N	Rakshitha N	Rakshitha N
20	1RI21EC050	ROOPA M	Roopa M	Roopa M	Roopa M	Roopa M	Roopa M	Roopa M
21	1RI21EC051	RUCHITHA U	Ruchitha U	Ruchitha U	Ruchitha U	Ruchitha U	Ruchitha U	Ruchitha U
22	1RI21EC052	SACHIN A	Sachin	Sachin	- AB -	- AB -	- AB -	- AB -
23	1RI21EC053	SAGAR KUMAR	- AB -	- AB -	- AB -	- AB -	- AB -	- AB -
24	1RI21EC054	SANJAY S	Sanjay S	Sanjay S	Sanjay S	Sanjay S	Sanjay S	Sanjay S
25	1RI21EC055	SHRADHA S KA	Shradha S	Shradha S	Shradha S	Shradha S	Shradha S	Shradha S
26	1RI21EC056	SRIVARDHAN P	Shrivardhan P	Shrivardhan P	Shrivardhan P	Shrivardhan P	Shrivardhan P	Shrivardhan P
27	1RI21EC057	SRINATH C	Srinath C	Srinath C	- AB -	- AB -	- AB -	- AB -
28	1RI21EC058	SUFIYAN FR Q	Sufiyan F R Q	Sufiyan F R Q	Sufiyan F R Q	Sufiyan F R Q	Sufiyan F R Q	Sufiyan F R Q
29	1RI21EC059	SUSHIL KUMAR	Shudil Kumar	Shudil Kumar	Shudil Kumar	Shudil Kumar	Shudil Kumar	Shudil Kumar
30	1RI21EC060	THALLAPURED	Thallapured	Thallapured	Thallapured	Thallapured	Thallapured	Thallapured
31	1RI21EC061	ULLAS N	- AB -	- AB -	- AB -	- AB -	- AB -	- AB -
32	1RI21EC062	YUKTHA S	Yuktha S	Yuktha S	Yuktha S	Yuktha S	Yuktha S	Yuktha S
33	1RI21EC063	ZOYA KOUSER	Zoyakouser	Zoyakouser	Zoyakouser	Zoyakouser	Zoyakouser	Zoyakouser
34	1RI20EC006	Jeevan D	Jeevan D	Jeevan D	Jeevan D	Jeevan D	Jeevan D	Jeevan D
Total no of students			34	34	34	34	34	34
Total no of Absent			04	04	06	06	07	07
Total no of Present			30	30	28	28	27	27
Signature of Invigilator with date			[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
Signature of Concerned Subject Faculty			[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

Signature of coordinator

Signature of HOD

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Department of Electronics & Communication Engineering

Internal Test Attendance for 3rd Semester Academic Year 2022-23

Room No: 205

Sl.No	USN	Names	21MAT31	21EC32	21EC33	21EC34	21KSK37	21KKBK37
1	1RI21EC001	ABHINAV A	AB	AB	AB	AB	AB	
2	1RI21EC002	ABHISHEK S GUR	AB	AB	AB	AB	AB	
3	1RI21EC003	ADARSH H	Adhar	Adhar	Adhar	Adhar	Adhar	
4	1RI21EC004	AKSHATA K ANJOTAGI	Akshata	Akshata	Akshata	Akshata	Akshata	
5	1RI21EC005	AMAN KUMAR G	Aman	Aman	Aman	Aman	Aman	
6	1RI21EC006	ANAND T	Anand	Anand	Anand	Anand	Anand	
7	1RI21EC007	ANKITA KALLA	Ankita	Ankita	Ankita	Ankita	Ankita	
8	1RI21EC008	BASANAGOUD	Basanagoud	Basanagoud	Basanagoud	Basanagoud	Basanagoud	
9	1RI21EC009	BASAVARAJ S	Basavaraj	Basavaraj	Basavaraj	Basavaraj	Basavaraj	
10	1RI21EC010	BHARATH H P	Bharath	Bharath	Bharath	Bharath	Bharath	
11	1RI21EC011	BHAVANA A B	Bhavana	Bhavana	Bhavana	Bhavana	Bhavana	
12	1RI21EC012	BHAVANA K	Bhavana	Bhavana	Bhavana	Bhavana	Bhavana	
13	1RI21EC013	BHAVANA R	Bhavana	Bhavana	Bhavana	Bhavana	Bhavana	
14	1RI21EC014	BINDU SHREE G R	Bindu	Bindu	Bindu	Bindu	Bindu	
15	1RI21EC015	CHANDU G R	Chandu	Chandu	Chandu	Chandu	Chandu	
16	1RI21EC016	CHARAN M	Charan	Charan	Charan	Charan	Charan	
17	1RI21EC017	CHIRANTH R	Chiranth	Chiranth	Chiranth	Chiranth	Chiranth	
18	1RI21EC018	DARSHAN K	Darshan	Darshan	Darshan	Darshan	Darshan	
19	1RI21EC019	DARSHANKUMAR	Darshan	Darshan	Darshan	Darshan	Darshan	
20	1RI21EC020	DEEPIKA H	Deepika	Deepika	Deepika	Deepika	Deepika	
21	1RI21EC021	GAGANDEEP H M	AB	AB	AB	AB	AB	
22	1RI21EC022	GOPI KRISHNA N	Gopikrishna	Gopikrishna	Gopikrishna	Gopikrishna	Gopikrishna	
23	1RI21EC023	HAMEERA SADITYA	Hameera	Hameera	Hameera	Hameera	Hameera	
24	1RI21EC024	HANAMANT JAL	Hanama	Hanama	Hanama	Hanama	Hanama	
25	1RI21EC025	HANUMANTHEG	Hanuma	Hanuma	Hanuma	Hanuma	Hanuma	
26	1RI21EC026	HARSHITHA GS	Harshitha	Harshitha	Harshitha	Harshitha	Harshitha	
27	1RI21EC027	HARSHVARDHAN	Harshvardhan	Harshvardhan	Harshvardhan	Harshvardhan	Harshvardhan	
28	1RI21EC028	HEMANTH KUM	Hemant	Hemant	Hemant	Hemant	Hemant	
29	1RI21EC029	K LATHANGI	Lathangi	Lathangi	Lathangi	Lathangi	Lathangi	
30	1RI21EC030	KANISHKA S	AB	AB	AB	AB	AB	
Total no of students			30	30	30	30	30	
Total no of Absent			03	03	03	03	03	
Total no of Present			27	27	27	27	27	
Signature of Invigilator with date			05-12-2022	05-12-2022	06-12-2022	06-12-2022	06-12-2022	06-12-2022
Signature of Concerned Subject Faculty								

Signature of coordinator

Signature of HOD



Date: 5/12/2022
Time: 90 Minutes

Course Name: Digital Circuit Design using Verilog
Internal Assessment Test-1
Answer Four Full questions

Semester: III
Max. Marks: 40

Q No	QUESTIONS	M	BL	CO
1.a	Place the following equations in proper canonical forms: i) $f(a,b,c) = ab + a\bar{c} + bc$ ii) $f(a,b,c,d) = (a+\bar{b})(a+b+d)$	4	3	1
1.b	Identify all the prime implicants and essential prime implicants of the Boolean function using K-map $f(a,b,c,d) = \sum(0,1,2,5,6,7,8,9,10,13,14,15)$	6	3	1
OR				
2.	Find the minimal sum and minimal product for the function using K-map $f(abcd) = \sum(6,7,9,10,13) + \sum d(1,4,5,11,15)$	10	3	1
3.	Find all prime implicants of the function using Quine Mccluskey minimization technique $f(abcd) = \sum(7,9,12,13,14,15) + \sum d(4,11)$	10	3	1
OR				
4	Find all prime implicants of the function using a Quine-McCluskey method. $F(a,b,c,d) = \sum m(1,2,3,5,9,12,14,15) + \sum d(4,8,11)$	10	3	1
5 a	Explain canonical minterm & canonical maxterm form with example.	4	3	1
5 b	Find the reduced POS form of the following equation & also implement using NAND logic $f(a,b,c,d) = \sum m(4,6,8,9,10,12,13,14) + \sum d(0,2,5)$	6	3	1
OR				
6. a	Design a combinational logic circuit with three input variables that will produce logic 1 output when more than one input variables are logic 1.	5	3	1
6.b	Reduce the following function using K-map technique and implement using basic gates $f(a,b,c,d) = \Pi(4,5,6,7,8,12,13) + \Pi d(1,15)$	5	3	1
7	Design a full adder by constructing the truth table and simplify the output equations. Implement using basic gates	10	3	2
OR				
8	Design a 2 bit magnitude comparator by constructing the truth table and simplify the output equations. Implement using basic gates	10	3	2

CO1 Simplify Boolean functions using K-map and Quine-McCluskey minimization technique.

CO2 Design & Analyze combinational logic circuits.

Verified by :

Member 1

Member 2

Approved / Suggested Correction

Signature of the Faculty

HOD 5/12/2022



R R Institute of Technology

Chikkabanavara, Bangalore-90

Department of ECE

Internal Assessment:

Scheme & Solutions

Name of the Course: Digital System design using Verilog Course code: 21EC32

Date: 05/12/2022

Max. Marks: 40

Total

Q.No	Solution	Marks Allocated																																																												
1) a)	<p>(i) $f(a,b,c) = a\bar{b} + a\bar{c} + bc$ $= a\bar{b}(c+\bar{c}) + a\bar{c}(b+\bar{b}) + bc(a+\bar{a})$ $= a\bar{b}c + a\bar{b}\bar{c} + a\bar{c}b + a\bar{c}\bar{b} + abc + \bar{a}bc$ $= a\bar{b}c + a\bar{b}\bar{c} + a\bar{c}b + abc + \bar{a}bc$ $+ bca$</p> <p>(ii) $f(a,b,c,d) = (a+\bar{b})(a+\bar{b}+d)$ $= (a+\bar{b}+c\bar{c}+d\bar{d})(a+\bar{b}+c\bar{c}+d)$ $= (a+\bar{b}+c)(a+\bar{b}+\bar{c})(a+\bar{b}+c+d)(a+\bar{b}+c+\bar{c}+d)$ $= (a+\bar{b}+c+d)(a+\bar{b}+\bar{c}+d)(a+\bar{b}+c+d)(a+\bar{b}+c+d)$ $= (a+\bar{b}+c+d)(a+\bar{b}+\bar{c}+d)(a+\bar{b}+c+d)(a+\bar{b}+\bar{c}+d)$</p>	<p>(2m) (4m)</p>																																																												
2)	<p>$f(abcd) = \sum (6, 7, 9, 10, 13) + \sum d(1, 4, 5, 11, 15)$</p> <p>Sum of product (minterms) pos</p> <div style="display: flex; justify-content: space-around;"> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>cd</td><td>00</td><td>01</td><td>11</td><td>10</td></tr> <tr><td>ab</td><td>00</td><td>01</td><td>11</td><td>10</td></tr> <tr><td>00</td><td>0</td><td>1</td><td>3</td><td>2</td></tr> <tr><td>01</td><td>4</td><td>5</td><td>7</td><td>6</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>15</td><td>14</td></tr> <tr><td>10</td><td>8</td><td>9</td><td>11</td><td>10</td></tr> </table> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>cd</td><td>00</td><td>01</td><td>11</td><td>10</td></tr> <tr><td>ab</td><td>00</td><td>01</td><td>11</td><td>10</td></tr> <tr><td>00</td><td>0</td><td>d</td><td>3</td><td>2</td></tr> <tr><td>01</td><td>d</td><td>d</td><td>0</td><td>6</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>d</td><td>14</td></tr> <tr><td>10</td><td>8</td><td>9</td><td>d</td><td>10</td></tr> </table> </div> <p>$f(a,b,c,d) = \bar{a}bc + ad + a\bar{b}c$ - sop</p>	cd	00	01	11	10	ab	00	01	11	10	00	0	1	3	2	01	4	5	7	6	11	12	13	15	14	10	8	9	11	10	cd	00	01	11	10	ab	00	01	11	10	00	0	d	3	2	01	d	d	0	6	11	12	13	d	14	10	8	9	d	10	<p>(3m)</p>
cd	00	01	11	10																																																										
ab	00	01	11	10																																																										
00	0	1	3	2																																																										
01	4	5	7	6																																																										
11	12	13	15	14																																																										
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10	8	9	d	10																																																										

$f(abcd) = (a+\bar{b}+\bar{c})(\bar{a}+\bar{d})(\bar{a}+b+\bar{c})$ - pos

1. Quine Mc cluskey technique

$$f(abcd) = \sum (7, 9, 12, 13, 14, 15) + \sum d(4, 11)$$

Total
10m

Group	Minterms	Variables			
		a	b	c	d
1	4*	0	1	0	0
2	9	1	0	0	1 ✓
	12	1	1	0	0 ✓
3	7	0	1	1	1 ✓
	13	1	1	0	1 ✓
	14	1	1	1	0 ✓
	11*	1	1	1	0 ✓
4	15	1	1	1	1 ✓

2m

selection of minterm groups of two

Group	minterms	Variables abcd
2	(9, 13)	1-01-
	(12, 13)	110- ✓
	(12, 14)	11-0 ✓
	(12, 11)	11-0 ✓
3	(7, 15)	-111 ✓
	(13, 15)	11-1 ✓
	(14, 15)	111- ✓
	(15, 11)	111- ✓

creation of minterm groups of 2

Group	minterms	abcd
2	(12, 13, 14, 15)	11--
	(12, 11, 13, 15)	11--

Final ans:- $ab + a\bar{c}d$

PI terms	Decimal	7	9	12	13	14	15	4	11
ab	12, 13, 14, 15			x	x	x	x		x
ab	12, 11, 13, 15			x	x		x		
	(9, 13)		x		x				

$f(abcd) = \sum m(1, 2, 3, 5, 9, 12, 14, 15) + \sum d(4, 8, 11)$

Soln

Group	Minterms	Variables
1	1	0001 ✓
	2	0010 ✓
	9*	0100 ✓
	8*	1000
2	3	0011 ✓
	5	0101 ✓
	9	1001 ✓
	12	1100 ✓
3	14	1110 ✓
	11	1011 ✓
4	15	1111 ✓

(3m)

Minterm groups of two:-	Group
(1,3) 00-1	1
(1,5) 0-01	
(1,9) -001	
(2,3) 001-	2
(4,5) 010-	
(8,12) -100	
(8,9) +00-	
(8,12) 1-00	
(3,11) -011	2
(9,11) 10-1	
(14,15) 111-	3
(11,15) 1-11	

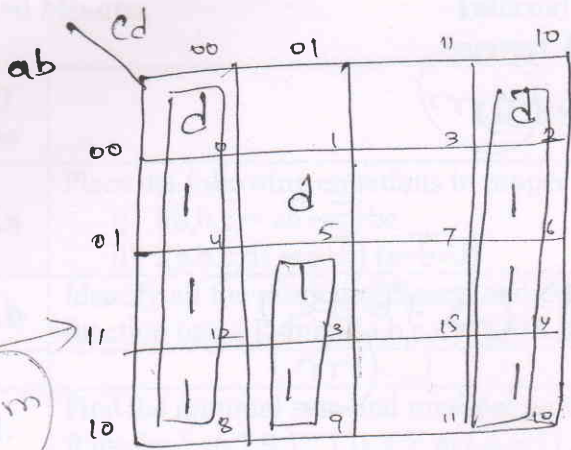
Minterm group of three:-

Group	Minterms	Variables
1,3	1 2 3 5 9 12 14 15 4 8 11	x x x x x x x x x x x
1,5		x x x x x x x x x x x
1,9		x x x x x x x x x x x
2,3		x x x x x x x x x x x
4,5		x x x x x x x x x x x
4,12		x x x x x x x x x x x
8,9		x x x x x x x x x x x
8,12		x x x x x x x x x x x
3,11		x x x x x x x x x x x
9,11		x x x x x x x x x x x
14,15		x x x x x x x x x x x
11,15		x x x x x x x x x x x

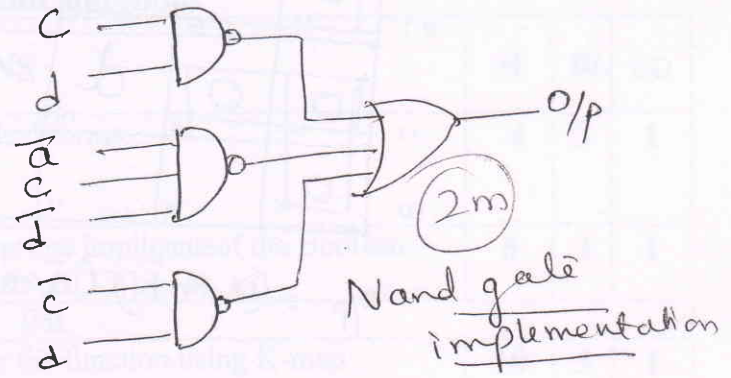
$f(abcd) = \bar{a}\bar{b}c + abc$ (2ms)

1) Canonical min term with examples: - (2m)
 " max term " " " :- (2m)

2) $f(abcd) = \sum m(4, 6, 8, 9, 10, 12, 13, 14) + \sum d(0, 2, 5)$



(2m)



NAND gate implementation (2m)

$f(abcd) = \bar{c}\bar{d} + a\bar{c}d + c\bar{d}$ (2m)

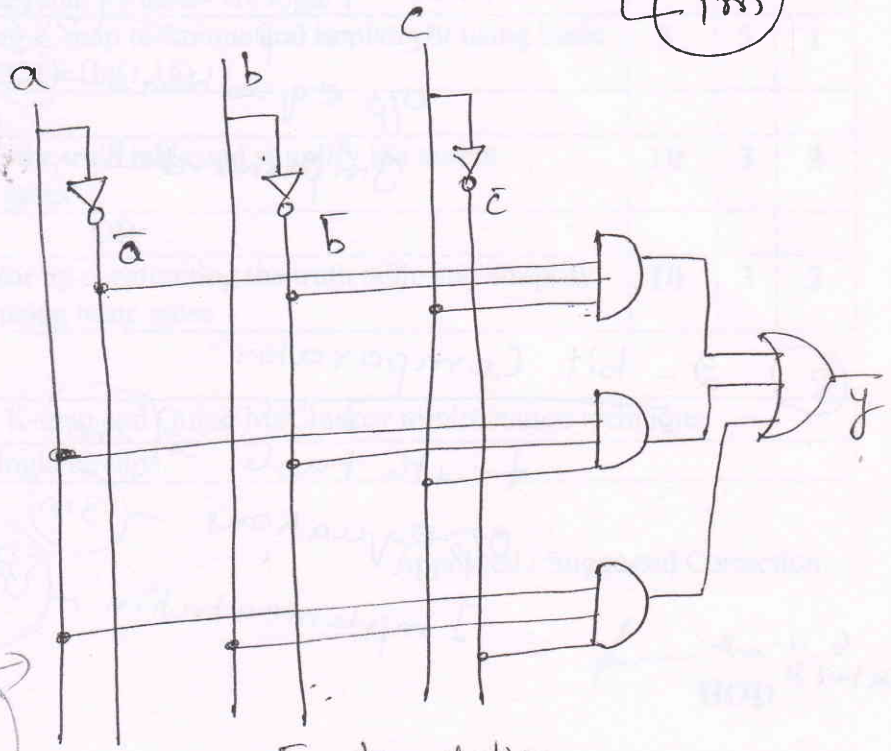
6 a) 3 i/p variables, produce '1' when more than one i/p variable are logic 1

Truth table

i/p			o/p
a	b	c	y
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	1
1	0	0	0
1	0	1	1
1	1	0	1
1	1	1	1

o/p eqn:-

$y = \bar{a}bc + a\bar{b}c + ab\bar{c} + abc$ (1m)

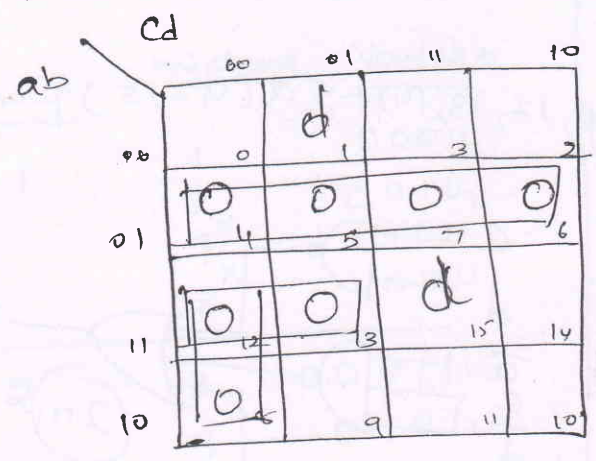


Implementation

(2m)

6b

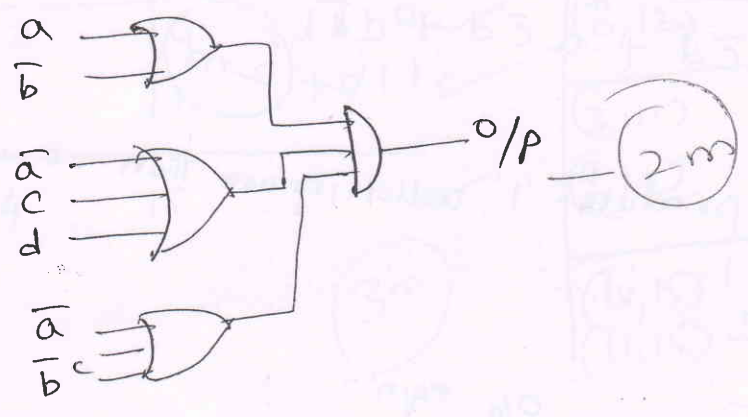
$$f(abcd) = \prod (4, 5, 6, 7, 8, 12, 13) + \prod d (1, 15)$$



2m

$$o/p = (a + \bar{b}) (\bar{a} + c + d) (\bar{a} + \bar{b} + c)$$

1m



2m

7 Full adder:

- Truth table — 2m
- K-map — 3m
- o/p equation — 2m
- Implementation — 3m

8 2-bit Comparator:

- truth table — 3m
- o/p equations — 3m
- Implementation — 4m



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Raja Reddy Layout, Chikkabanavara, Bengaluru -560 090

Department of Computer Science & Engineering

Ref: RRIT/ CSE/ Proc/ 2022-23/

Date: 01/03/2023

Circular

The following faculties are designated as Proctors/Mentors for academic year 2022-23 EVEN semesters.

1. Dr. Manjunath R *FMB*
2. Dr. Niranjana C *FMB*
3. Dr. Shivakumar Swamy N *SS*
4. Prof. Shruthi S *SS*
5. Prof. Veena V *Veena*
6. Prof. Lakshmi Devi H M *Lakshmi*
7. Prof. Shobha Rani N R *SS*
8. Prof. Revathi B *R*
9. Prof. Sowmya N *Sowmya*
10. Prof. Veena M S *Veena M.S*
11. Prof. Preethi B S *P*
12. Prof. Asha V *Asha*

Asha
Proctor Coordinator

FMB
HOD
Head of Department
Department of Computer Science & Engineering
R.R. Institute of Technology
Hesaraghatta Main Road
Chikkabanavara, Bengaluru



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Department of Computer Science & Engineering

Ref: RRIT/CSE/Proct_6th/2022-23

Date: 02/05/2023

Circular

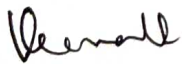
Proctor Meeting

All the Proctors are informed to conduct the proctor meeting on 05/05/2023 at 3:30 PM.
All are informed to follow the agenda.

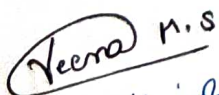
1. Update the Proctor Books, Audit will be done on 8th May 2023
2. Discuss about the 5th Semester Results, do the counseling if they have failed.
3. 1st IA performance, if they have not done well do the counseling.
4. Attendances, Shortage do counseling and bring to the notice of their parents.
5. AICTE Activity for the Award of Degree.
6. Any other Matter

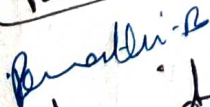

Proctor Coordinator

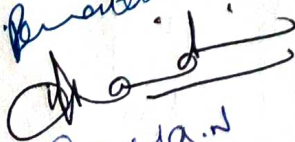


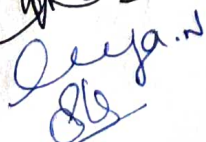














HOD

Head of Department
Department of Computer Science & Engineering
R.R. Institute of Technology
Hesaraghatta Main Road
Chikkabanavara, Bengaluru



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Department of Computer Science & Engineering

Ref: RRIT/CSE/PM_6th/2022-23

Date: 02/05/2023

Circular

Parents Teachers Meeting

The Department of CSE is conducting a PTM (Parents and Teachers Meeting) on 05/05/2023 at 3:00 PM. In this regard, the 6th semester students are informed to bring the circular to the notice of their parents.

All the Parents are hereby requested to make it convenient to attend the meeting through online without fail.

The link will be shared one hour before the meeting.

The Agenda:

To discuss about the 5th Semester Results

Discuss the IA Performance and Attendance of the wards.

To get feedback and suggestions from the parents.

Penathi B
Class Coordinator

Deenall
Penathi B
Deeja.N

Penathi B
HOD

Head of Department
Department of Computer Science &
R.R. Institute of Technology
Hesaraghatta Main Road
Chikkabanavara, Bengaluru



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Department of Computer Science & Engineering

PROCTOR-STUDENT LIST

IV Semester

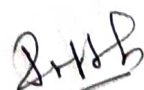
AY: 2022-23 (EVEN SEM)

Sl.No	USN	Student Name	Proctor Allotted
1.	1RI21CS005	Abhi M	Dr. Manjunath R
2.	1RI21CS006	Abhi V	
3.	1RI21CS008	Abhishek R V	
4.	1RI21CS043	Gururaj R	
5.	1RI21CS121	Vandana R	
6.	1RI21CS095	S Shiny Juliet	
7.	1RI21CS054	Kruthi M L	
8.	1RI21CS126	Zayed M	
9.	1RI21CS064	Mohammed Suhail A M	
10.	1RI21CS124	Yeshwanth B	
11.	1RI21CS027	Basim S	
12.	1RI21CS073	Neeraj Kumar Singh	
13.	1RI21CS074	Neha Lama	
14.	1RI21CS048	Hema R	
15.	1RI21CS030	Binita Paul	
16.	1RI21CS114	Suhas V U	Dr. Niranjan C
17.	1RI21CS099	Sanmith R L	
18.	1RI21CS077	Pavan D C	
19.	1RI21CS072	Nandeasha	
20.	1RI21CS112	Sri Lakshmi M	
21.	1RI21CS083	Prathibha S	
22.	1RI21CS097	Sahana M R	
23.	1RI21CS076	Pallavi S	
24.	1RI21CS003	Abdul Khalid	
25.	1RI21CS060	Md Aashif Raza	
26.	1RI21CS091	Rohan Rathod	
27.	1RI21CS106	Siddhant Kumar Jha	
28.	1RI21CS007	Abhinav Singh	
29.	1RI21CS093	Rohit Raut	
30.	1RI21CS033	Debdeepa Samui	
31.	1RI21CS029	Bikash Sah	
32.	1RI21CS122	Veeksha S	

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33.	IRI21CS115	Suma G M	Prof. Shruthi.S	
34.	IRI21CS059	Manoj Gowda N		
35.	IRI21CS125	Yogesh P		
36.	IRI21CS085	Puneeth T		
37.	IRI21CS103	Sharmila B		
38.	IRI21CS087	Rahul		
39.	IRI21CS047	Harshitha S L		
40.	IRI21CS117	Susmita Midya		
41.	IRI21CS080	Prarthana Nath		
42.	IRI21CS079	Poulomi Bhattacharya		
43.	IRI21CS088	Rahul		
44.	IRI21CS001	Aarati		
45.	IRI21CS015	Aman Roushan		
46.	IRI21CS102	Shaily Raj		
47.	IRI21CS062	Mohamed Ramshad		
48.	IRI21CS092	Rohan S		Prof. Veena V
49.	IRI21CS028	Bharath G		
50.	IRI21CS042	Goutham S		
51.	IRI21CS094	Rohith K N		
52.	IRI21CS084	Promit Saha		
53.	IRI21CS110	Souvagya Maity		
54.	IRI21CS105	Shovan Maity		
55.	IRI21CS107	Sivam Mukherjee		
56.	IRI21CS120	Tejas V	Prof. Lakshmi Devi	
57.	IRI21CS058	Madhumitha D		
58.	IRI21CS055	Kruthika S H		
59.	IRI21CS049	Hemashree S		
60.	IRI21CS061	Misriya Ebrahim Mohasin		
61.	IRI21CS046	Harikrishnan M		
62.	IRI21CS111	Sreenandhana P S		
63.	IRI21CS069	Muhamed Aslam		
64.	IRI21CS057	M N Shashank		
65.	IRI21CS067	Mohith H L		
66.	IRI21CS002	Aashish Kumar Yadav		
67.	IRI21CS013	Akshay Adivappa Teli		
68.	IRI21CS004	Abdul Shamil		
69.	IRI21CS070	Muhammed Asheem P K		
70.	IRI21CS071	Muhammed Yasar		
71.	IRI21CS010	Absh Najeeb		

72.	IRI21CS113	Suhas S Telkar	Prof. Shobha Rani ✓
73.	IRI21CS118	Swamy K B T	
74.	IRI21CS075	P S Chandrachooda	
75.	IRI21CS082	Pratheek Y	
76.	IRI21CS096	Sachin R Nair	
77.	IRI21CS109	Sooryajith S	
78.	IRI21CS116	Suman Samanta	
79.	IRI21CS123	Yeman Chaudhary	
80.	IRI21CS041	Gheewala Suchit Vishal	Prof. Revathi B ✓
81.	IRI21CS014	Aman Kokher	
82.	IRI21CS019	Ankit Pattanayak	
83.	IRI21CS024	Arjun P Ramesh	
84.	IRI21CS017	Amrutha S	
85.	IRI21CS018	Anagha P S	
86.	IRI21CS068	Monisha B M	
87.	IRI21CS108	Sneha D Nayak	
88.	IRI21CS101	Sayyid Mohamed Hisham P H	
89.	IRI21CS090	Rinshad P R	
90.	IRI21CS051	Jiyad C	
91.	IRI21CS066	Mohammed Sanjiddh Roshan	
92.	IRI21CS012	Aishwarya H M	Prof. Sowmya N ✓
93.	IRI21CS035	Deepa S	
94.	IRI21CS040	Gayathri A V	
95.	IRI21CS032	Chikkanna Murthy Chola	
96.	IRI21CS078	Pavankumar	
97.	IRI21CS081	Prasanna Mohan Naik	
98.	IRI21CS100	Santhosh N	
99.	IRI21CS098	Sakil Rahaman Majumder	
100.	IRI21CS104	Shibam Das	
101.	IRI21CS009	Abhishek Singh	
102.	IRI21CS016	Amir Hamja	Prof. Veena M S ✓
103.	IRI21CS037	G Dinesh Kumar	
104.	IRI21CS026	B K Balaji	
105.	IRI21CS056	Lingaraj Muradi	
106.	IRI21CS031	Chandan S	
107.	IRI21CS063	Mohammed Riyan	
108.	IRI21CS022	Anurag M	
109.	IRI21CS053	Joel T Sajeev	
110.	IRI21CS020	Anshil Rihan V K	


 Head of Department
 Department of Computer Science & Engg.
 R.R. Institute of Tech
 Hesaraghatta Main
 Chikkabanna, Bangalore

111	1R121CS023	Apeksha N	Prof. Preethi
112	1R121CS038	G Shree Devi	
113	1R121CS039	Gagana P	
114	1R121CS034	Deepa N	
115	1R121CS044	Hafiz Haneefa	
116	1R121CS045	Halul Raj A	
117	1R121CS050	Jishin Suresh	
118	1R121CS011	Adinath Rajeevan	
119	1R121CS119	Syed Arshur Rehman	
120	1R121CS089	Rickson Prajwal Pereira	
121	1R121CS025	Ashitosh S Joshi	
122	1R121CS036	Devaraj S	
123	1R121CS065	Mohammed Zahid	
124	1R121CS086	Rafeek S	Prof. Asha V
125	1R121CS052	Jobin P Thomas	
126	1R121CS021	Anshwal P Anil	
127	1R122CS400	Balaji Gowda M R	
128	1R122CS401	Basavaraj Shankar Muttagi	
129	1R122CS402	Dheeraj Harshith P	
130	1R122CS403	Kiran Kumar	
131	1R122CS404	Lakshmesh Gowda M S	
132	1R122CS405	Lakshmi H S	
133	1R122CS406	Mohan R	
134	1R122CS407	Nandini C	
135	1R122CS408	Nithish T L	
136	1R122CS409	Shradha Virendra Patil	
137	1R122CS410	Siddharth Sanjay Revankar	


Proctor Coordinator


HOD
Head of Department
Department of Computer Science & IT
R.R. Institute of Technology
Hesaraghatta Main Road
Chikkabannarayana, Bangalore



All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2021-22

Extension of Approval (EoA)

F.No. South-West/1-9321363634/2021/EOA

Date: 10-Jul-2021

To,

The Principal Secretary (Hr. & Tech Education)
Govt. of Karnataka, K. G.S., 6th Floor,
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,
Bangalore-560001

Sub: Extension of Approval for the Academic Year 2021-22

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) (1st Amendment) Regulations, 2021 notified on 24th February 2021 and other notifications as applicable and published from time to time, I am directed to convey the approval to

Permanent Id	1-8337487	Application Id	1-9321363634
Name of the Institution /University	R. R. INSTITUTE OF TECHNOLOGY	Name of the Society/Trust	PKM EDUCATIONAL TRUST
Institution /University Address	NO. 67, RAJA REDDY LAYOUT, NEAR CHIKKABANAVARA RAILWAY STATION, CHIKKABANAVARA BANGALORE - 560090 KARNATAKA INDIA, BANGALORE, BANGALORE URBAN, Karnataka, 560090	Society/Trust Address	NO.67, R. R. LAYOUT, NEAR CHIKKABANAVARA RAILWAY STATION, CHIKKABANAVARA, BANGALORE, BANGALORE URBAN, Karnataka, 560090
Institution /University Type	Private-Self Financing	Region	South-West

To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	Visvesvaraya Technological University, Belgaum	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Visvesvaraya Technological University, Belgaum	60	120	No	No

Mahesh
PRINCIPAL

R.R. INSTITUTE OF TECHNOLOGY
Chikkabanavara, Bangalore - 560090

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	Visvesvaraya Technological University, Belgaum	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	Visvesvaraya Technological University, Belgaum	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INFORMATION SCIENCE AND ENGINEERING	Visvesvaraya Technological University, Belgaum	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	Visvesvaraya Technological University, Belgaum	120	60	No	No

It is mandatory to comply with all the essential requirements as given in APH 2021-22 (Appendix 6)

Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2021-22 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy ** to:

1. **The Director of Technical Education****, Karnataka
2. **The Registrar****,
Visvesvaraya Technological University, Belgaum

3. **The Principal / Director,**
R. R. INSTITUTE OF TECHNOLOGY
No. 67, Raja Reddy Layout,
Near Chikkabanavara Railway Station,
Chikkabanavara
Bangalore - 560090
Karnataka
India,
Bangalore,Bangalore Urban,
Karnataka,560090
4. **The Secretary / Chairman,**
NO.67, R. R. LAYOUT, NEAR CHIKKABANAVARA RAILWAY STATION, CHIKKABANAVARA
BANGALORE,BANGALORE URBAN
Karnataka,560090
5. **The Regional Officer,**
All India Council for Technical Education
Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/> .

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

This is a computer generated Statement. No signature Required



PRINCIPAL

R.R. INSTITUTE OF TECHNOLOGY
Chikkabanavara, Bangalore - 560 090.



Visvesvaraya Technological University
"Jnana Sangama", Belagavi-590 018, Karnataka State

Registrar

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

Ref. VTU/ACA-LIC/2021-22/SOI 3883/13

Date: ~~21~~ DEC 2021

AFFILIATION NOTIFICATION

Sub: Continuation/Extension of Affiliation for the Academic Year 2021-22

Ref:

1. Executive Council Resolution No. 2.1.1 of 160th Meeting dated 05-08-2021.
2. Vice Chancellor's order dated 05-08-2021

In Exercise of the powers conferred to the University vide Section 40(9) of Visvesvaraya Technological University Act 1994, your college is granted Continuation / Extension of Affiliation for the Academic Year 2021-22 to offer the following Courses. This permission is subject to the fulfillment of the conditions stipulated by the LIC Committee (refer Annexure A). You are required to comply with the same prior to 15-12-2021.

Courses

Course	Year of Starting	Shift	Present Intake	Proposed Intake	VTU Intake	VTU Recommendation	Applicable From	Applicable To
Artificial Intelligence and Machine Learning-UG	2021	First	0	60	0			
Civil engineering - UG	2010	First	120	60	120	TA	2021-22	2021-22
Computer Science & Engineering - UG	2008	First	60	120	120	TA	2021-22	2021-22
Electrical & Electronics Engineering - UG	2008	First	60	60	60	TA	2021-22	2021-22
Electronics & Communication Engineering - UG	2008	First	60	60	60	TA	2021-22	2021-22
Information Science & Engineering - UG	2008	First	60	60	60	TA	2021-22	2021-22
Mechanical Engineering - UG	2010	First	120	60	60	TA	2021-22	2021-22

NOTE:

1. All the courses for which government notification is not obtained either for starting of a new course or for permanent affiliation, this notification is subject to the approval of State Government of Karnataka. If already obtained, send a copy to the University.
2. TA- Temporary Affiliation, PA/PR - Permanent Affiliation

Further, the college is also informed to follow any other Notification/Circular/Norms Issued by AICTE / UGC / State Government / VTU in this regard.

It may also be noted that, the continuation/extension of the affiliation is subject to the approval from AICTE and Higher Education Department, Government of Karnataka.

REGISTRAR

[Signature]

Encl: Annexure A

Ushash
PRINCIPAL

R.R. INSTITUTE OF TECHNOLOGY
Chikkabanavara, Bangalore - 560 090.



Visvesvaraya Technological University

"Jnana Sangama" Belagavi-590018, Karnataka State, India

Dr. A. S. Deshpande B.E., M.Tech., Ph.D.
Registrar

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

Ref: VTU/Aca/A-9/2019-20/ 1195

Dated: 13 JUL 2020

NOTIFICATION

Subject: Tentative Academic Calendar for ODD semester 2020-21 regarding...

Reference: AICTE letter AICTE/AB/Academic Calendar/2020-21, dated 07.07.2020

Tentative Academic Calendar for I semester B.E./B.Tech./B.Arch./B.Plan., III, V, VII semesters of B.E./B.Tech./B.Arch./B.Plan., IX semester of B.Arch., III and V semester of MCA and III semester of MBA, M.Tech., M.Arch., for the Academic Year 2020-21 is hereby notified as enclosed. The Principals of Affiliated, Constituent and Autonomous Engineering Colleges are hereby informed to bring the contents of this Notification to the notice of all the concerned.

Sd/-

REGISTRAR

Encl: Academic Calendar for odd semester for A/Y 2020-21

To,

1. The Principals of all affiliated/ constituent /Autonomous Engineering Colleges under the ambit of VTU Belagavi.
2. The Chairpersons of all Departments, Centres for PG Studies in Belagavi, Kalaburgi, Muddenahalli, and Mysore.

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 Special Officer CNC VTU Belagavi for uploading on VTU website
5. PS to Registrar VTU Belagavi
6. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

13.7.2020
REGISTRAR

Tentative Academic Calendar of VTU, Belagavi for ODD Semester of 2020-2021

	I Sem B. E. / B. Tech. / B. Arch./B.Plan	I sem M.Tech./MBA /MCA/M.Arch.	III, V & VII Sem B. E. /B. Tech./B.Plan/ B.Arch & IX Sem B. Arch.	III & V Sem MCA	III Sem MBA	III Sem M. Tech.	III Sem M. Arch.
Commencement of ODD Semester	Will be announced later	Will be announced later	01.09.2020	01.09.2020	01.09.2020	01.09.2020	01.09.2020
Last Working day of ODD Semester			17.12.2020	17.12.2020	17.12.2020	17.12.2020	17.12.2020
Practical Examinations			21.12.2020 To 31.12.2020	21.12.2020 To 31.12.2020	21.12.2020 To 31.12.2020	21.12.2020 To 31.12.2020	21.12.2020 To 31.12.2020
Theory Examinations			04.01.2021 To 23.01.2021	04.01.2021 To 23.01.2021	04.01.2021 To 23.01.2021	04.01.2021 To 23.01.2021	04.01.2021 To 23.01.2021
Internship Viva- Voce			-	-	-	25.01.2021 To 08.02.2021	-
Professional training / Organization study			-	-	-	-	-
Commencement of EVEN Semester					08.02.2021	08.02.2021	08.02.2021

NOTE

- VII Semester B. E / B. Tech students shall have to undergo INTERNSHIP as per circular of University VTU/Aca/2019-20/85, dated 12.05.2020.
- I Semester B. E/ B. Tech / B. Arch Students shall compulsorily undergo Induction Program for a period of 3 Weeks as per the schedule given by VTU Belagavi
- The classroom sessions for all the higher semesters would be commencing from 01.09.2020(Tentative) in ONLINE mode until further orders.
- The Institute needs to function for six days a week with additional hours.
- The faculty/staff shall be available to undertake any work assigned by the university.
- If any of the above date is declared to be a holiday then the corresponding event will come into effect on the next working day.
- Notification regarding 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 future by MHRD/UGC/AICTE/State Government.


 12.9.2020
REGISTRAR




ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, "ಜ್ಞಾನಸಂಗಮ ಆವರಣ", ಬೆಳಗಾವಿ
Visvesvaraya Technological University, "Jnana Sangama"
Belagavi - 590 018, Karnataka State

Prof. A.S.Deshpande B.E., M.Tech., Ph.D
REGISTRAR

Phone : (0831) 2498100

Fax : (0831) 2405467

Ref. No.: VTU/Aca/2019-20/ ೪5

Date: 12 MAY 2020

Internship - Circular

This is in continuation to the UGC letter dated 29/04/2020 vide which the guidelines on examinations and calendar were issued. It was made clear that the guidelines are advisory in nature . The said guidelines also provide a framework for internship etc. However, keeping in view the current situation of lock down across the country due to Covid-19, the colleges may also take following measures for internship and other related activities:

1. Allow the students to take up 'online internships/ activities' including the activities that can be carried out digitally or otherwise from home.
2. Engage them to work as interns on ongoing projects.
3. Delay the start date for internship.
4. Reduce the period of internship clubbing with assignments etc.


Registrar

To,

- 1) The Principals of all the affiliated , Constituent and Autonomous colleges of VTU.



R. R. Institute of Technology

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 Raja Reddy Layout, Chikkabannavara, Bengaluru - 560 000

Internal Quality Assurance Cell

CALENDAR OF EVENTS (EVEN SEMESTER)

Ver 2.0

4 Yr B.E Program of VIU- for 2nd, 3rd and 4th year

Academic Year 2020-21

Month	Week No	Day and Date						DETAILS
		Mon	Tue	Wed	Thu	Fri	Sat	
April-May	1	19	20	21	22	23	24	19: COMMENCEMENT OF EVEN SEMESTER 22: EARTH DAY
	2	26	27	28	29	30	01 H	01: MAY DAY
May	3	03	04	05	06	07	08	
	4	10	11	12	13	14 H	15	12: QUESTION BANK 1 ST FOR IA TEST FOR ALL SEM 14: RAMZAN
	5	17 T1	18 T1	19 T1	20	21	22	17, 18 & 19 -1 ST IA TEST FOR ALL SEM
	6	24	25	26	27	28	29	26: 1 ST PTM
May-June	7	31	01	02	03	04	05	05: YOGA DAY
June	8	07	08	09	10	11	12	09: QUESTION BANK 2 ND FOR IA TEST FOR 8 TH SEM
	9	14 T2	15 T2	16 T2	17	18	19	14, 15 & 16- 2 ND IA TEST FOR 8 TH SEM 14: QUESTION BANK 2 ND FOR IA TEST FOR 4 TH & 6 TH SEM
	10	21 T2	22 T2	23 T2	24	25	26	21: WORLD ENVIRONMENT DAY 21, 22 & 23 - 2 ND IA TEST FOR 4 TH & 6 TH SEM
June - July	11	28	29	30	01	02	03	29: 2 ND PTM
July	12	05	06	07	08	09	10	06: QUESTION BANK 3 RD FOR IA TEST FOR 8 TH SEM
	13	12 T3	13 T3	14 T3	15	16	17	12, 13 & 14- 3 RD IA TEST FOR 8 TH SEM
	14	19	20	21 H	22	23	24	19: QUESTION BANK 3 RD FOR IA TEST FOR 4 TH & 6 TH SEM 20: LAST WORKING DAY FOR 8 TH SEM 21: BAKRID 22 ND TO 30 TH : VTU THEORY EXAM FOR 8 TH SEM
	15	26 T3	27 T3	28 T3	29	30	31	26, 27, 28 3 RD IA TEST FOR 4 TH & 6 TH SEM
August	16	02 LT	03 LT	04 LT	05	06	07	2 to 4: LAB TESTS 2 ND TO 6 TH : VTU INTERNSHIP VIVA -VOCE FOR 8 TH SEM 07: LAST WORKING DAY FOR 4 TH & 6 TH SEM
No. of Working days		16	16	15	16	15	15	
Total No. of Working days: 93							T1:TEST 1, T2:TEST 2, T3:TEST 3 LT: LAB TEST H: HOLIDAY	

(After the last working day of even semester)

Month	Week No	Day and Date						Details
		Mon	Tue	Wed	Thu	Fri	Sat	
August	17	09	10	11	12	13	14	9 TH TO 19 TH :VTU PRACTICAL EXAM FOR 4 TH & 6 TH SEM
	18	16	17	18	19	20 II	21	20: MOHARAM
	19	23	24	25	26	27	28	23 RD AUGUST TO 9 TH SEPTEMBER : VTU THEORY EXAM FOR 4 TH & 6 TH SEM
Aug-Sep	20	30	31	01	02	03	04	
September	21	06	07	08	09	10 II	11	10: GANESHA CHATURTHI
	22	13	14	15	16	17	18	13: COMMENCEMENT OF ODD SEM
							II: Holiday	

Note: as per the VTU circular ref: VTU/BGM/BOS/A9/2020-21/248 date:15/04/2021, the college reopening date is 19/04/2021.

Prepared by *Blu*



Hahender
PRINCIPAL

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R. R. INSTITUTE OF TECHNOLOG
Chikkabanavara, Bengaluru - 560090.



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Department of Electronics & Communication Engineering

Ver 1.0

DEPARTMENT CALENDAR OF EVENTS

4 Yr. B.E Program of VTU- for VI & VIII Semester EVEN SEM Academic Year 2021-2022
(From commencement to last working day of Even semester)

Month	Week	Day and Date						Details
	No	Mon	Tue	Wed	Thu	Fri	Sat	
April-2022	01	4	5	6	7	8	9	04: Commencement of 6 th and 8 th Sem 07: World Health Day (NSS)
	02	11	12	13	14 H	15 H	16	14: Mahaveera and Ambedkar Jayanthi (SC/ST) 15: Good Friday
	03	18	19	20	21 IS	22 IS	23	22: Earth Day 21: 1 st Question Bank -8 th Sem 21,22 - Internship Seminar-8 th Sem
	04	25	26	27	28	29 T1	30 T1	27: Industrial visit 28: 1 st Question Bank - 6 th SEM 29,30 : 1 st IA Test for 8 th Sem
May	05	02	03 H	04 T1	05 T1- PR	06 T1- PR	07	03: Basava Jayanthi / Qutub E-Ramzan 04, 05 & 06 – 1 st IA Test for 6 th SEM 08: World Red cross Day-Red Cross 05,06-Project Review-1
	06	09	10	11	12	13	14	10: Mini project: presentation 1 13: 1 st PTM
	07	16	17	18	19 TS	20 TS	21	19: 2 nd Question Bank 8 th Sem 19,20 – Technical Seminar
	08	23	24	25	26	27 T2	28 T2	27, 28 : 2 nd IA Test for 8 th Sem
May-June	09	30	31	01	02 PR	03 PR	04	31: Anti-Tobacco Day- Red Cross 05: World Environment Day -Green Club 01: 2 nd Question Bank IA -6 th Sem 2,03-Final Project Review
June	10	06 T2	07 T2	08 T2	09	10	11	06,07 & 08 – 2 nd IA Test for 6 th SEM
	11	13	14	15	16	17 PE	18	16: 2 nd PTM 18: 3 rd Question Bank - 8 th Sem 17-Project Exhibition-Meraki
	12	20	21	22	23	24 T3	25 T3	21: International Yoga Day –NSS ,PED 24, 25 : 3 rd IA Test for 8 th Sem 25: Demo of Mini project
June - July	13	27	28	29	30	01	02	30: Last working day of 8 th Semester 29: 3 rd Question Bank-6 th Sem
July-2022	14	04	05 T3	06 T3	07 T3	08	09	05, 06 & 07 – 3 rd IA Test for 6 th SEM 04 th to 20 th : Theory exams for 8 th SEM
	15	11 LT	12 LT	13 LT	14	15	16	16: Last working day of 6 th Semester 11, 12 and 13 : Lab Tests
No. of Working days		15	14	15	14	14	15	

Total No. of Working days: 87 days for 6 th SEM 73 days for 8 th SEM	T1: Test 1, T2: Test 2, T3: Test 3 LT: Lab Test H: Holiday
---	---

- Note:
1. "FULL STACK DEVELOPER" COURSE- EVERY MONDAY TO FRIDAY FROM 2 TO 4:30PM TILL JUNE 30TH for 8th sem selected students
 2. Course on "NETWORKING"- every Wednesday to Friday 2 to 4:30pm for 6th & 8th sem students

(After the last working day of Even semester)

Month	Week No	Day and Date						Details
		Mon	Tue	Wed	Thu	Fri	Sat	
July	16	18	19	20	21	22	23	18 to 29: Practical/VIVA examination for 6 th SEM 22 nd to 30 th : Internship VIVA VOCE/ Project VIVA for 8 th SEM
	17	25	26	27	28	29	30	27-29:FDP
August	18	01	02	03	04	05	06	01 st to 20 th : Theory Examination for 6 th SEM
	19	08	09 ^H	10	11	12	13	09: Moharam 12: International Youth Day
	20	15 ^H	16	17	18	19	20	15: Independence Day
	21	22						22: Commencement of Odd Semester
All Saturdays are half day							H: Holiday	

Note: Ref: VTU/BOS/SO2/2021-22/6487 dated: 25/03/2022

Prepared by: *Sunitha H D*
HOD of Electronics & Communication
R.R. Institute of Technology
Hesaraghatta Main Road,
Dr.Sunitha H D Chaikabanevara, Bangalore - 56

Mahesh
Principal



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Raja Reddy Layout, Chikkabanavara, Bengaluru - 560 090

Department of Electronics & Communication Engineering

PRIT/ECE/AY 2021-22/ Cir/006

Date: 21-03-2022

Circular

All the Faculty are here by requested to provide the subjects of their choices for EVEN semester AY 2021-22.

Note:

- It is compulsory to provide atleast 1 subject from each semester
- 5 Theory and 2 Labs choices have to be provided compulsorily
- Fill the format circulated and submit it before 23-03-2022
- Subject allotment meeting will be conducted on 24-03-2022 at 11 am.

B N Mohan Kumar
Signature of Time Table Coordinator

L. H. H. D.
Signature of HOD 21/03/2022

Signature of Facultyies

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.



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Department of Electronics & Communication Engineering

Date: 21-03-2022

Faculty Subject Preference for the EVEN Sem 2021-22

1. Name of Faculty:
2. Qualification:
3. Specialization:
4. Teaching Experience:

Theory Choices

Preference	Semester	Subject Code	Subject Name	Scheme	Justification for your Choice

Lab Choices

Preference	Semester	Subject Code	Lab Name	Scheme	Justification for your Choice

Note:

- It is compulsory to select atleast 1 theory from each semester.
- List of subjects has been enclosed

Signature of Faculty



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Raja Reddy Layout, Chikkabanavara, Bengaluru - 560 090

Department of Electronics & Communication Engineering

Date: 21-03-2022

Faculty Subject Preference for the EVEN Sem 2021-22

1. Name of Faculty: Dr. Sharashankar
2. Qualification: Ph.D.
3. Specialization: Wireless communication / Network
4. Teaching Experience: 21 Years

Theory Choices


Preference	Semester	Subject Code	Subject Name	Scheme	Justification for your Choice
1	8 th	18EC81	Wireless cellular communication	2018	my research area, I can teach better.
2	6 th	18EC643	Data Structure w/o C++	2018	I taught this subject more than 10 times.

Lab Choices

Preference	Semester	Subject Code	Lab Name	Scheme	Justification for your Choice
	8 th	18ECL47	microcontroller	2018	programming lab.

Note:

- It is compulsory to select atleast 1 theory from each semester.
- List of subjects has been enclosed


22/3/2022
Signature of Faculty



Date: 21-03-2022

Faculty Subject Preference for the EVEN Sem 2021-22

1. Name of Faculty: Dr. Geetha K
2. Qualification: Ph.D
3. Specialization: Power electronics
4. Teaching Experience: 15 years 6 months

Theory Choices

Preference	Semester	Subject Code	Subject Name	Scheme	Justification for your Choice
1	6	18EC62	Embedded s/ms	18	Handled in previous college
2	6	18EC64	Python and prog	18	I like to teach programming
3	8	18EC81	Wireless cellular	18/17	learned in mtub
5	6	18EC61	Digital communication	18	Handled in previous college
3	4	18EC66	microcontroller	18	Handled in previous college

Lab Choices

Preference	Semester	Subject Code	Lab Name	Scheme	Justification for your Choice
1	6	18EC66	Embedded s/m Lab	18	would like to take with
2	4	18EC67	microcontroller lab	18	Handled

Note:

- It is compulsory to select atleast 1 theory from each semester.
- List of subjects has been enclosed

Signature of Faculty



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R. R. Institute of Technology

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Raja Reddy Layout, Chikkabanavara, Bengaluru - 560 090

Department of Electronics & Communication Engineering

Date: 21-03-2022

Faculty Subject Preference for the EVEN Sem 2021-22

1. Name of Faculty: Dr. SUNITHA. H.D
2. Qualification: BE; M.Tech., PhD
3. Specialization: VLSI Design & Embedded Systems
4. Teaching Experience: 16 years

Theory Choices

Preference	Semester	Subject Code	Subject Name	Scheme	Justification for your Choice
1	04	18EC43	Control Systems	2018	Handled nearly 6 times Confident of getting good results

Lab Choices

Preference	Semester	Subject Code	Lab Name	Scheme	Justification for your Choice

Note:

- It is compulsory to select atleast 1 theory from each semester.
- List of subjects has been enclosed

Signature of Faculty



PKM Educational Trust 06

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Accredited by NAAC with 'B+' Date:06-09-2021

Raja Reddy Layout, Chikkabanavara, Bengaluru - 560 090

Department of Electronics & Communication Engineering

Date:25-03-2022

Subject Alloted for the EVEN Sem AY-2021-22

Semester: IV-2018 Scheme

Class Teacher: Prof.Chitharanjan Das V

Sl.No	Subject Code	Subject Name	Name of the Faculty
1	18MAT41	Engineering mathematics IV	BS-MD
2	18EC42	Analog Circuits	Dr.Geetha K
3	18E43	Control Systems	Dr.Sunitha H D
4	18EC44	Engineering Statics and Linear Algebra	Prof.Chitharanjan Das V
5	18EC45	Signals and Systems	Prof.B N Mohan Kumar
6	18EC46	Microcontroller	Prof Sugnyani Patil
7	18ECL47	Microcontroller Lab	Prof Sugnyani Patil & Prof.B N Mohan Kumar
8	18ECL48	Analog Circuit Lab	Dr.Geetha K & Prof. Shyamala P Bhat
9	18ECP49	Constitution of India (CIP)	CV Department

Semester: VI)2018 Scheme

Class Teacher: Prof.Sugnyani Patil

Sl. No	Subject Name	Sub Code	Faculty Name
1	Digital Communications	18EC61	Prof Anshudeepak
2	Embedded Systems	18EC62	Dr.Geetha K
3	Microwave and Antennas	18EC63	Prof.Sugnyani Patil
4	Python Application and Progamming (PE)	18EC646	Prof. Parimala Gandhi G
5	(OE)	18 65	-
6	Embedded System Lab	18ECL66	Prof.Shadakshari & Dr.Geetha K
7	Communication Lab	18ECL67	Prof Anshudeepak & Prof.Chitharanjan Das V
8	Mini Project	18ECMP	Dr.Geetha K
9	Intership	Internship	Prof Sugnyani Patil

Semester: VIII (2018 Scheme)

Class Teacher: Prof. Shadakshari

Sl. No	Subject Name	Sub Code	Faculty Name
1	Wireless Cellular Communication	18EC81	Dr. Shivshankar
2	Network Security (PE)	18EC821	Prof. Shadakshari
3	Project work	18ECP83	Prof. Chitharanjan Das V
4	Technical Seminar	18ECS84	Prof. Anshudeepak
5	Internship	18ECI85	Prof. Sugnyani Patil

Semester: VIII (2015/17 Scheme)

Class Teacher: Prof. B N Mohan Kumar

Sl. No	Subject Name	Sub Code	Faculty Name
1	Wireless Cellular and LTE 4G Broadband	15/17EC81	Prof. B N Mohan Kumar
2	Fiber Optics & Networks	15/17EC82	Prof. Shadakshari
3	Radar Engineering (PE)	15/17 EC833	Prof. Chitharanjan Das V
4	Internship	15.17EC84	Prof. Sugnyani Patil
5	Project Work	15/17ECP85	Prof. Chitharanjan Das V
6	Seminar	15/17ECS86	Prof. Anshudeepak

Semester: II 2021 Scheme

Sl. No	Subject Name	Sub Code	Faculty Name
1	Basic Electronics	21ELN24	Prof. Prof. Shyamala P Bhat -2 Sections
2	Basic Electronics	21ELN24	New Faculty -1 Section

B. N. Mohan Kumar
Signature of Coordinator

P. Chitharanjan Das V
25/03/2021
HOD of Electronics & Communication Engineering
P. Signature of HOD
Mesaiahgatta Main Road,
Chikkaballapur, Bangalore - 560089



R R INSTITUTE OF TECHNOLOGY, CHIKKABANAVARA
Accredited by NAAC B+
BANGALORE -560090
Class Time -Table

Ver. No 8.1

Department	Electronics & Communication Engineering					Semester	VIII		
Academic Year	2021-22 2018 SCHEME					Room No.	201		
Class Coordinator	Prof. Shadakshari								
Period	I	II		III	IV		V	VI	VII
Day	9.15-10.10	10.10-11.05	11.05-11.15	11.15-12.10	12.10-01.05		1.45-2.40	2.40-3.35	3.35-4.30
Monday	18EC82	18EC81	BR E AK	18EC81	18EC82	L U N C H B R E A K	INTERNSHIP		
Tuesday	18EC81			18EC82			SEMINAR		
Wednesday	PROJECT WORK						PROJECT WORK		
Thursday	PROJECT WORK						PROJECT WORK		
Friday	PROJECT WORK						PROJECT WORK		
Saturday									

ALLOTMENT OF SUBJECT:

Subject code	Subject	Subject Initials	Faculty Name	Faculty initials	No of Units
18EC81	Wireless cellular	WC	DR. SHIVASHANKAR	BNM	08
18EC82	NETWORK SECURITY	N/A	Prof. Shadakshari	SD	08
18ECP83	Project work	PW	Prof. Chitharanjan Das V	CDV	02
18ECS84	Technical Seminar	TC	Prof. AnshuDeepak	AD	01
18ECI85	Internship	INT	Prof. Sugnyani Patil	SP	01

B. N. Mohan Kumar
Time-Table coordinator

K. H. D.
HOD 30/03/2022
HOD of Electronics & Communication
R.R. Institute of Technology
Hesaraghatta Main Road,
Chikkabanavara, Bangalore - 90.

Mahesh 30/3/22
PRINCIPAL
PRINCIPAL
R.R. INSTITUTE OF TECHNOLOGY
Hesaraghatta Main Road,
Chikkabanavara, Bangalore - 90.



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BANGALORE -560090
Class Time -Table

Ver. No 8.1

Department Electronics & Communication
Engineering

Semester
Room No.

VIII
202

Academic
Year

2015/17 SCHEME

Class
Coordinator Prof. Mohankumar B N

Period Day ↓	Prof. Mohankumar B N			III	IV	V	VI	VII
	I	II						
	9.15-10.10	10.10-11.05	11.05-11.15	11.15-12.10	12.10-01.05	1.45 - 2.40	2.40-3.35	3.35-4.30
Monday	15/17EC81	15/17EC833	B R E A K	15/17EC82	15/17EC81	INTERNSHIP		
Tuesday	15/17EC833	15/17EC81		15/17EC833	15/17EC82	SEMINAR		
Wednesday	15/17EC833	15/17EC833		15/17EC81	15/17EC82	PLACEMENT ACTIVITY (PA)		
Thursday	PROJECT WORK				B R E A K	PROJECT WORK		
Friday	PROJECT WORK					PROJECT WORK		
Saturday	PROJECT WORK							

ALLOTMENT OF SUBJECT:

Subject code	Subject	Subject Initials	Faculty Name	Faculty initials	No of Units
15/17EC81	Wireless cellular and LTE 4G Broadband	WC	Prof. B N Mohan Kumar	BNM	08
15/17EC82	Fiber Optics and networks	FO&N	Prof. Shadakshari	SD	08
15/17EC833	Radar Engineering	RE	Prof. Chitharanjan Das V	CDV	08
15/17EC84	Internship	IP	Prof. Sugnyani Patil	SP	01
15/17ECP85	Project work	PW	Prof. Chitharanjan Das V	CDV	02
15/17ECS86	Seminar	SEM	Prof. AnshuDeepak	AD	01

B. N. Mohankumar
Time-Table coordinator

Latha H.D
HOD 30/03/2022
HOD of Electronics & Communication
R.R. Institute of Technology
Mesaraghatta Main Road,
Chikkabanavara, Bangalore - 90.

Mahesh 30/3/22
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Mesaraghatta Main Road,
Chikkabanavara, Bangalore - 90



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BANGALORE -560090
INDIVIDUAL Time -Table

Department	Electronics & Communication Engineering					Semester	IV			
Academic Year	2021-22					Room No.	203			
Faculty name	Dr. SUNITHA H D									
Period →	I	II		III	IV		V	VI	VII	
Day	9.15-10.10	10.10-11.05	11.05-11.15	11.15-12.10	12.10-01.05		1.45 – 2.40	2.40-3.35	3.35-4.30	
↓										
Monday		18EC43	B R E A K	18EC43		L U N C H B R E A K				
Tuesday		18EC43								
Wednesday		18EC43								
Thursday									18ECL48-B1	
Friday										
Saturday					18EC43*					

ALLOTMENT OF SUBJECT:

Subject code	Subject	Subject Initials	TEACHING WORKLOAD	SIGN
18EC43	Control System	CS	10 UNITS	
18ECL48	Analog Circuit Lab	ACL	03 UNITS	

Additional Workload

1	Department Head		15 UNITS	
2	NAAC/NBA Coordinator		01 UNIT	
3	DAB/DAC Committee		02 UNITS	
4	College Committee		05 UNITS	
5	Institution Committee		03 UNITS	


 Signature of Time Table Coordinator


 HOD of Electronics & Communication
R.R. Institute of Technology
 Heeraghatta Main Road,
 Chikkabanavara, Bangalore - 90.



2

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BANGALORE -560090
INDIVIDUAL Time -Table

Department	Electronics & Communication Engineering					Semester	VI			
Academic Year	2021-22					Room No.	205			
Faculty name	Prof. Anshu Deepak (AD)									
Period → Day ↓	I 9.15-10.10	II 10.10-11.05	11.05-11.15	III 11.15-12.10	IV 12.10-01.05		V 1.45 – 2.40	VI 2.40-3.35	VII 3.35-4.30	
Monday	18EC61		B R E A K		18ECL67 (T)	L U N C H B R E A K	18ECL67-B1			
Tuesday		21ELN24						18EC61		
Wednesday		18EC61					21ELN24		18CPC49	
Thursday					18EC61				21ELN24	
Friday		21ELN24								21ELN24
Saturday	21ELN24				18EC61					

ALLOTMENT OF SUBJECT:

Subject code	Subject	Subject Initials	TEACHING WORKLOAD	SIGN
18EC61	Digital Communication	DC	10 UNITS	
18ECL67	Communication Lab	Comm Lab	04 UNITS	
18CPC49	Constitution of India	CIP	02 UNITS	
21ELN24	Basic Electronics (A' Section)	BS	12 Units	

Additional Workload

1	News Letter Coordinator		01 UNIT	
2	Technical Seminar Coordinator		01 UNIT	
3	DAB Committee		01 UNIT	
4	Mock Interview Committee		01 UNIT	
5	College Committee		04 UNITS	

B. N. Mohan Kumar
Signature of Time Table Coordinator

Anshu Deepak
HOD of Electronics & Communication
R. R. Institute of Technology
Hesaraghatta Main Road,
Chikkabanavara, Bangalore - 90.