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/BGM/SO2/2020-21/ 4162

Dated: ⁼4 DEC 2020

NOTIFICATION

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

Reference: Hon'ble Vice-Chancellor Approval dated 02.12.2020

Revised Academic Calendar for III, V, and VII semesters of B.E./B.Tech./B.Plan./B.Arch., and IX semester of B.Arch., III & V semester of MCA, III semesters of MBA, M.Tech., and 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: Revised Academic Calendar for odd semester of 2020-21(Tentative)

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

04.12.2020

REGISTRAR

Revised Academic Calendar of VTU, Belagavi for ODD Semester of 2020-21 (Tentative)

	I Sem B. E. / B. Tech. / B. Arch./B.Plan	I sem M.Tech./MBA /MCA/M.Arch.	III, V B. E. /B. Tech./B.Plan/ B.Arch & VII sem BPlan /BArch & IX Sem B. Arch.	VII Sem B. E. /B. Tech	III & V Sem MCA	III Sem MBA	III Sem M. Tech.	III Sem M. Arch.
Commencement of ODD Semester	14.12.2020		01.09.2020	01.09.2020	01.09.2020	01.09.2020	01.09.2020	01.09.2020
Last Working day of ODD Semester	25.03.2021		16.01.2021	16.01.2021	16.01.2021	16.01.2021	16.01.2021	16.01.2021
Practical Examinations	29.03.2021 Onwards#		21.01.2021 Onwards#	21.01.2021 Onwards#	08.02.2021 Onwards#	--	21.01.2021 Onwards#	--
Theory Examinations	12.04.2021 To 30.04.2021	Will be announced later	08.02.2021 To 27.03.2021	08.02.2021 To 27.03.2021	21.01.2021 To 06.02.2021	21.01.2021 To 19.02.2021	28.01.2021 To 13.02.2021	21.01.2021 To 06.02.2021
Internship			---	29.03.2021 To 10.04.2021	---	---	---	---
Internship Viva-Voce			---	---	---	---	15.02.2021 To 22.02.2021	---
Professional training / Organization study			---	---	---	22.02.2021 To 03.04.2021	---	---
Commencement of EVEN Semester	03.05.2021		29.03.2021	12.04.2021	15.02.2021	05.04.2021	23.02.2021	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 01 Weeks.
- The classroom sessions for all the semesters would be in **ONLINE mode/blended mode** until further orders.
- The Institute needs to function for **six days** a week with additional hours (**Saturday is a full working day**).
- The faculty/staff shall be available to undertake any work assigned by the university.
- If any of the above dates are declared to be a holiday then the corresponding event will come into effect on the next working day.
- (#) 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.
- Revised Academic Calendar is also applicable for **Autonomous Colleges**.
- The MBA students are permitted to carry out **project work** in blended mode (ONLINE/OFFLINE). More emphasis on OFFLINE mode wherever feasible.

04.12.2020

REGISTRAR

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"ವಿಟಿಯು ಅಧಿನಿಯಮ ೧೯೯೪ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ
"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ-೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

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Dr. A. S. Deshpande B.E., M.Tech., Ph.D.   Phone: (0831) 2498100
Registrar   Fax: (0831) 2405467

Ref: VTU/BGM/BOS/A9/2020-21 / 345   Date: **2 1 APR 2021**

Revised - CIRCULAR

Subject: Commencement of EVEN semesters of UG programs for the year 2020-21 regarding...

Reference: Hon'ble Vice-Chancellor Approval dated 21.04.2021

Concerning the subject cited above, the revised - academic calendar related to the EVEN semester/s of B.E./B.Tech./B.Plan./B.Arch. programmes is notified as attached.

The Principals of Affiliated, Constituent, and Autonomous Engineering Colleges are hereby informed to bring the contents of this circular to the notice of all the concerned.

Sd/-

REGISTRAR

Encl: As mentioned above.

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.

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REGISTRAR

Revised-Academic Calendar of EVEN semesters of UG Programmes for 2020-2021

Semesters / EVENTS	IV semester B.E./B.Tech.	IV semester B.Arch./ B.Plan.	VI semester B.E./B.Tech.	VI semester B.Plan./B.Arch	VIII semester B.E./B.Tech.	VIII semester B.Plan.	VIII semester B.Arch
Commencement of EVEN Semester	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021
Last Working day of EVEN Semester	07.08.2021	07.08.2021	07.08.2021	07.08.2021	#20.07.2021	#20.07.2021	07.08.2021
Practical Examinations	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	---	---	---	---
Theory Examinations	23.08.2021 To 09.09.2021	23.08.2021 To 09.09.2021	23.08.2021 To 09.09.2021	10.08.2021 To 31.08.2021	22.07.2021 To 30.07.2021	22.07.2021 To 30.07.2021	10.08.2021 To 17.08.2021
Internship	---	---	---	---	---	---	---
Internship Viva-Voce/ Project Viva-Voce	---	---	---	---	02.08.2021 To 06.08.2021	---	---
Professional training / Organization study	---	---	---	---	---	---	---
Commencement of ODD Semester	13.09.2021	13.09.2021	13.09.2021	13.09.2021	---	---	23.08.2021

- The classroom sessions for even the semester should commence from the dates mentioned above.
- The Institute needs to function for **six days** a week with additional hours (**Saturday is a full working day**). #if required the college can plan to have extra classes even on Sundays also.
- If any of the above dates are declared to be a holiday then the corresponding event will come into effect on the next working day.
- Notification regarding the Calendar of Events relating to the conduct of **University Examinations** will be issued by the Registrar (Evaluation) from time to time.
- The faculty/staff shall be available to undertake any work assigned by the university.
- Academic Calendar may be modified based on guidelines/directions issued in the future by MHRD/UGC/AICTE/State Government.
- Revised Academic Calendar is also applicable for **Autonomous Colleges.** In case if any changes are to be affected by Autonomous Colleges in the academic terms and examination schedule, they could do so with the approval of the University.

21.04.2021

REGISTRAR

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Registrar

Ref: VTU/BGM/BOS/A9/2020-21 /6652   Date: **1 2 MAR 2021**

Revised -NOTIFICATION

Subject: Academic Calendar for I semester (revised) B.E./B.Tech./B.Plan./B.Arch., for the year 2020-21 regarding...

Reference:

1. VTU/BGM/SO2/2020-21/5296, dated 15.01.2021
2. Hon'ble Vice-Chancellor's approval dated 12.03.2021

Revised Academic Calendar for I semester of B.E./B.Tech./B.Arch./B.Plan., for the Year 2020-21 is hereby notified as below-

Events	Dates
Commencement of ODD Semester	14.12.2020
Last Working day of ODD Semester	**10.04.2021**
Practical Examinations	**05.05.2021 to 15.05.2021**
Theory Examinations	**19.04.2021 to 03.05.2021**
Internship	-----
Internship Viva-Voce	-----
Professional training / Organization study	-----
Commencement of EVEN Semester	**19.05.2021**

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Sd/-

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REGISTRAR 12/03/21

S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi.

Inculcating Values, Promoting Prosperity

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.
Recognized Under Section 2(f) of UGC Act, 1956.
Accredited at ' A' Grade by NAAC, Programmes Accredited by NBA: CSE, ECE, EEE & ME.

| IQAC |
| File I-11 |
| 2020-21 (Even) |
| Rev: 00 |

CALENDAR OF EVENTS FOR THE ACADEMIC YEAR 2020-21 (Even)

Date	Events
19-04-2021	Commencement of IV/VI/VIII Semester Classes
22-05-2021	Health checkup camp
27-05-2021 to 29-05-2021	First Internal Assessment for IV/VI/VIII Semester
31-05-2021	Feedback-I on Teaching-Learning
04-06-2021	Display of 1st Internal Assessment Marks and Submission of Feedback-I to office.
05-06-2021	Annual Day
10-06-2021	HSIT Quest
24-06-2021 to 26-06-2021	Second Internal Assessment for IV/VI/VIII Semester
28-06-2021	Feedback-II on Teaching-Learning
02-07-2021	Display of 2nd Internal Assessment Marks and Submission of Feedback-II to office
12-07-2021	Project Exhibition
16-07-2021 & 17-07-2021	Third Internal Assessment for VIII Semester
19-07-2021	Display of Final Internal Assessment Marks of VIII Semester
20-07-2021	Last working day of VIII Semester
22-07-2021 to 30-07-2021	Theory Examination of VIII Semester
07-2021 to 31-07-2021	Third Internal Assessment for IV/VI Semester
02-08-2021 to 06-08-2021	Project/Internship Viva-Voce
04-08-2021	Display of Final Internal Assessment Marks of IV/VI Semester
04-08-2021 to 06-08-2021	Lab Internal Assessment for IV/VI Semester
07-08-2021	Last Working Day of IV/VI Semester
10-08-2021	Graduation Day
09-08-2021 to 19-08-2021	Practical Examination of IV/VI Semester
16-08-2021 & 17-08-2021	International Conference
23-08-2021 to 09-09-2021	Theory Examination of IV/VI Semester

April-2021

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18	19	20	21	22	23	24
25	26	27	28	29	30	

2-Good Friday, 13-Ugadi,
14-Dr. B. R. Ambedakar Jayanti

May-2021

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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1-Labour's Day, 14-Basav Jayanti, Akshay Trutiya, Khutub-E-Ramazan

June-2021

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July-2021

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21-Bakrid

August-2021

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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

20-Last day of Moharam

Dr. B. V. Madiggond
IQAC Coordinator

Dr. S. C. Kamate
Principal

	S J P N Trust's	**IQAC**
	Hirasugar Institute of Technology, Nidasoshi.	**File I-11**
	Inculcating Values, Promoting Prosperity	**2020-21 (Odd)**
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CALENDAR OF EVENTS FOR THE ACADEMIC YEAR 2020-21 (Odd)

Date	Events
01-09-2020	Commencement of III/V/VII Semester Classes
05-09-2020	Teacher's Day
15-09-2020	Engineer's Day
02-10-2020	Gandhi Jayanthi
05-10-2020 to 07-10-2020	First Internal Assessment for III/V Semester
08-10-2020	Feedback-I on Teaching-Learning
10-10-2020	Display of 1st Internal Assessment Marks of III/V Sem and Submission of Feedback-I to office.
10-10-2020	Indoor games/ Health Checkup Camp
17-10-2020	Blood Donation Camp
19-10-2020 to 21-10-2020	First Internal Assessment for VII Semester
24-10-2020	Display of 1st Internal Assessment Marks of VII Sem
27-10-2020	EDP Activities
01-11-2020	Kannada Rajyotsava
21-11-2020	HSIT Quest-2020
23-11-2020 to 25-11-2020	Second Internal Assessment for III/V/VII Semester
26-11-2020	Feedback-II on Teaching-Learning
28-11-2020	Display of 2nd Internal Assessment Marks and Submission of Feedback-II to office.
28-12-2020 to 30-12-2020	Third Internal Assessment for III/V/VII Semester
09-01-2021	Display of final Internal Assessment Marks
11-01-2021 to 13-01-2021	Lab Internal Assessment of III/V/VII Semester
16-01-2021	Last Working Day of III/V/VII Semester
21-01-2021 onwards	Practical Examination of III/V/VII Semester
08-02-2021 to 27-03-2021	Theory Examination of III/V/VII Semester
29-03-2020 to 10-04-2020	Internship for VII Semester

September-2020

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27	28	29	30			

17- Mahalaya Amavasye

October-2020

S	M	T	W	T	F	S
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

2-Gandhi Jayanthi
25-Ayudha Pooja
26-Vijayadashami
30-Eid Milad
31-Valmiki Jayanthi

November-2020

S	M	T	W	T	F	S
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

14- Narak Chaturdashi,
16-Balipadyami, Deepawali

December-2020

S	M	T	W	T	F	S
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13	14	15	16	17	18	19
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27	28	29	30	31		

3-Kanakadas Jayanthi, 25-Christmas

January-2021

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24	25	26	27	28	29	30
31						

26-Republic Day

01|12|2020
Dr. B. V. Madiggond
IQAC Co-ordinator

10|12|20.
Dr. S. C. Kamate
Principal

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IQAC
File I-11
2020-21 (Odd)
Rev: 00

FIRST YEAR CALENDAR OF EVENTS FOR THE ACADEMIC YEAR 2020-21 (Odd)

Date	Events	Calendar
14-12-2020	Commencement of I Semester Induction Program	**DECEMBER-2020**
21-12-2020	Commencement of I Semester Classes	
21-01-2021 to 23-01-2021	First Internal Assessment	**JANUARY-2021**
25-01-2021	Feedback-I on Teaching-Learning	
27-01-2021	Display of 1st Internal Assessment Marks and Submission of Feedback-I to office.	
18-02-2021 to 20-02-2021	Second Internal Assessment	**FEBRUARY-2021**
22-02-2021	Feedback-II on Teaching-Learning	
24-02-2021	Display of 2nd Internal Assessment Marks and Submission of Feedback-II to office.	
18-03-2021 to 20-03-2021	Third Internal Assessment	**MARCH-2021**
23-03-2021 to 24-03-2021	Lab Internal Assessment	
24-03-2021	Display of final Internal Assessment Marks	
25-03-2021	Last Working day	
29-03-2021 onwards	Practical Examination	
12-04-2021 to 30-04-2021	Theory Examination	**APRIL-2021**

DECEMBER-2020

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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

3-Kanakadas Jayanthi, 25-Christmas

JANUARY-2021

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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

14-Makar Sankranti, 26-Republic Day

FEBRUARY-2021

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21	22	23	24	25	26	27
28						

MARCH-2021

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

11-Maha Shivaratri, 12-Maha Dasoha, 29-Holi

APRIL-2021

S	M	T	W	T	F	S
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

02-Good Friday
13-Chandraman Ugadi
14-Dr. Ambedkar Jayanti

09/12/2020
Dr. B. V. Madiggond
IQAC Co-ordinator

10/12/20.
Dr. S. C. Kamate
Principal

S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi

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Accredited at 'A' Grade by NAAC

Programmes Accredited by NBA: CSE, ECE, EEE & ME

Examination
Academic
3rd IA Test
AY:2020-21 (ODD SEM)

3rd IA Test TIME-TABLE

Class: 3rd, 5th and 7th Semesters

Date→ Time→ Semester↓	28-12-2020		29-12-2020		30-12-2020	
	11AM - 12 NOON	3PM - 4PM	11AM -12 NOON	3PM - 4PM	11AM - 12 NOON	3PM - 4PM
BE-III	18**31	18**32	18**33	18**34	18**35/18ME35B	18**36/18ME36B
BE-V	18**51/17**51/15**51	18**52/17**52/15**52	18**53/17**53/15**53	18**54/17**54/15**54	18**55/17**55X/15**55X	18**56X/17**56X/15**56X
BE-VII	17**71/15**71	17**72/15**72	17**73/15**73	17**74X/15**74X	17**75X/15**75X	

18CPH39 (Constitution of India, Professional Ethics and Cyber Law): 30-12-2020:4:30pm to 5:30pm for III sem ME and EEE

18KVK39/18KAK39(Vyavarika Kannada/Aadalitha Kannada: 30-12-2020:4:30pm to 5:30pm for III sem CSE and ECE

18CIV59 :Environmental Studies : 30-12-2020 :4:30pm to 5:30pm for all Branches

Instructions:

1	Subject teacher will release IA question paper at 10:50 am (Morning Session) and at 2:50pm (Afternoon Session) in the students' respective WhatsApp group.
2	Student shall write the test on available white pages only
3	Student shall write the following information on the top of the first page: IA Test –I, Name:, USN:, Roll No.:, Subject:, Subject Code:, Date:, Time:, Total No. of Pages written (after completion of the test)
4	Student shall write page number on each page and signature at the end of the each page
5	Student shall submit completed answer script in single PDF to the subject teacher's personal WhattsApp No./E-mail before 12:10pm (Morning Session) and 4:10pm (Afternoon Session)

Note: All are informed to strictly adhere to the above instructions and kindly cooperate to complete the IA in view of COVID-19 pandemic situation.

24/12/2020

Dr. S. N. Topannavar
Examination Coordinator

24/12/20

Dr. S. C. Kamate
Principal

S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi

Inculcating Values, Promoting Prosperity

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

Accredited at 'A' Grade by NAAC

Programmes Accredited by NBA: CSE, ECE, EEE & ME.

ECE Dept.
Exam.
Internal Assessment
Odd Sem 2020-21

FIRST INTERNAL ASSESSMENT

Sem: VII

Date: 20.10.2020

Sub: Real Time Systems

Time: 03PM to 4PM

Sub. Code: 17EC743

Max. Marks: 30

Note: Answer two full questions, draw sketches wherever necessary.

Q. No		Description of Question	Marks	CO	RBT LEVEL
1	a	Explain the following: 1. Clock based tasks. 2. Event based tasks. 3. Interactive system.	7	404.1	L2
	b	Explain the different types of programs in system design.	8	404.1	L2
		OR			
2	a	What is real time system? Explain general computer control system with neat block diagram.	7	404.1	L2
	b	Classify RTS based on time constraints.	8	404.1	L2
3	a	Explain DDC and its advantages with neat diagram.	7	404.2	L3
	b	Explain Dual computer scheme.	8	404.2	L3
		OR			
4	a	Explain sequence control for a single chemical reactor vessel with neat sketch.	7	404.2	L3
	b	With neat sketch, explain hierarchial systems.	8	404.2	L3

Course Coordinator

Module Coordinator

HOD

		ECE Dept.
		Exam.
		Internal Assessment
		Odd Sem (2020-21)

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SECOND INTERNAL ASSESSMENT

Sem: VII
Date: 24.11.2020

Sub: Real Time Systems
Time: 03PM to 4PM

Sub. Code: 17EC743
Max. Marks: 30

Note: Answer two full questions, draw sketches wherever necessary.

Q. No		Description of Question	Marks	CO	RBT LEVEL
1	a	What is necessity of using specialized processors in RTS? Explain the different forms of parallel computer architectures.	7	CO404.2	L2
	b	Explain single chip computer with neat diagram.	8	CO404.2	L2
OR					
2	a	Explain digital input interface.	7	CO404.2	L2
	b	Explain the basic interrupt input mechanism with diagram and flow chart.	8	CO404.2	L2
3	a	Explain the following: 1. Security 2. Flexibility 3. Portability	7	CO404.3	L2
	b	What is exception? Explain exception handling.	8	CO404.3	L2
OR					
4	a	Define the following with respect to real time programing: 1. Scope and Visibility 2. Global and Local variables	7	CO404.3	L2
	b	Explain Modularity and Datatypes in real time programming.	8	CO404.3	L2

Course Coordinator

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HOD

THIRD INTERNAL ASSESSMENT

Sem: VII
Date: 30.12.2020

Sub: Real Time Systems
Time: 03PM to 4PM

Sub. Code: 17EC743
Max. Marks: 30

Note: Answer two full questions, draw sketches wherever necessary.

Q. No		Description of Question	Marks	CO	RBT LEVEL
1	a	Explain with neat diagram structures of RTOS.	7	CO404.5	L2
	b	Explain Cyclic and Preemptive scheduling strategies.	8	CO404.5	L2
OR					
2	a	Draw and Explain task state diagram.	7	CO404.5	L3
	b	Explain the general structures of Input Output Sub System(IOSS).	8	CO404.5	L2
3	a	With neat flow-chart describe single program approach with reference to RTS design.	7	CO404.4	L3
	b	Explain Fore ground and Back ground system, with flow chart.	8	CO404.4	L2
OR					
4	a	Explain the outline of abstract modeling approach of Ward and Mellor.	7	CO404.4	L2
	b	Write a short note on Yourdon methodology.	8	CO404.4	L3

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