

**ATME College of Engineering**

**C1.1.2 - The institution adheres to the academic calendar including for the conduct of CIE**

**Supporting Documents**

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1	<b>2020-21</b>	Academic Calendar- VTU
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A T M E  
College of Engineering



## Department of Electronics & Communication Engineering

**ATME COLLEGE OF ENGINEERING**

13<sup>th</sup> Kilometer, Mysore-Kanakapura-Bangalore Road, Mysore – 570 028 P : 0821-2593335 F: 0821-2593328

Email: [info@atme.in](mailto:info@atme.in), Web : [www.atme.in](http://www.atme.in)





# 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/Academic/A9/2020-21/ **5086**

Dated: **- 5 JAN 2021**

## REVISED - NOTIFICATION

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students for the academic year 2020-21.

**Reference:**

1. VTU/BGM/SO2/2020-21/4162, dated 04.12.2020
2. Approval of Hon'ble Vice-Chancellor dated 05.01.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 is hereby notified as enclosed. The Principals of All Colleges of Engineering are hereby informed to bring the contents of this Notification to the notice of all the concerned.

Sd/-  
**REGISTRAR**

To,

1. The Principals of all Engineering Colleges under the ambit of VTU.

Copy to:

1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
3. Regional Directors of all Regional Offices of VTU.
4. The Special Officers of Academic Section of VTU, Belagavi.
5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

**2.5.1.21**  
**REGISTRAR**

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

	<b>REVISED</b> dates for Regular & Lateral Entry III Semester B.E./B.Tech. students
Commencement of ODD Semester	01.09.2020
Last Working day of ODD Semester	27.02.2021
Theory Examinations	06.03.2021 To 24.03.2021
Practical Examinations	25.03.2021 To 31.03.2021
Internship	---
Internship Viva-Voce	---
Professional training / Organization study	---
Commencement of EVEN Semester	01.04.2021

- 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**.

05.1.21  
**REGISTRAR**

VBV (A)



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

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/Academic/A9/2020-21/ 5146

Dated: 6 JAN 2021

## CORRIGENDUM

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students for the academic year 2020-21.

**Reference:**

1. VTU/BGM/Academic/A9/2020-21/5086, dated 05.01.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 was notified vide the reference mentioned (1). In case 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 Principals of all Autonomous Colleges of Engineering are hereby informed to bring the contents of this circular to the notice of all the concerned.

Sd/-  
REGISTRAR

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Copy to:

1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
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4. The Special Officers of Academic Section of VTU, Belagavi.
5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

06.01.21  
REGISTRAR

VS

27



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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

## Visvesvaraya Technological University

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"Jnana Sangama" Belagavi-590018, Karnataka, India

Phone: (0831) 2498100, Fax: (0831) 2405467, Website: vtu.ac.in

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

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/Academic/SO2/2020-21/6416

Dated: -11 MAR 2021

### REVISED - NOTIFICATION

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students of B.E./ B.Tech., for the academic year 2020-21.

#### Reference:

1. VTU/BGM/SO2/2020-21/4162, dated 04.12.2020
2. VTU/BGM/Academic/SO2/2020-21/5086, dated 05.01.2021
3. Approval of Hon'ble Vice-Chancellor dated 01.03.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 is hereby notified as enclosed.

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5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.


  
REGISTRAR  
7/11



**Revised Academic Calendar of VTU, Belagavi  
for III Semester B.E./B.Tech. of 2020-21**

	<b>REVISED</b> dates for Regular & Lateral Entry III Semester B.E./B.Tech. students
Commencement of ODD Semester	<b>01.09.2020</b>
Last Working day of ODD Semester	<b>10.03.2021</b>
Theory Examinations	<b>15.03.2021 To 31.03.2021</b>
Practical Examinations	<b>05.04.2021 To 09.04.2021</b>
Internship	---
Internship Viva-Voce	---
Professional training / Organization study	---
Commencement of EVEN Semester	<b>12.04.2021</b>

- 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
- 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**. 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.

  
**REGISTRAR**  
7/13/21



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ-೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

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Phone: (0831) 2498100

Fax: (0831) 2405467

Registrar

Ref: VTU/BGM/BOS/A9/2020-21 /6652

Date: 12 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

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

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

Rangana B.1

REGISTRAR 12/03/21

7



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"ವಿಷಯ ಅಧಿನಿಯಮ ೧೯೯೪"ರ ಅಡಿಯಲ್ಲಿ, ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ  
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**Dr. A. S. Deshpande** B.E., M.Tech., Ph.D.

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/BOS/A9/2020-21 / 345

Date:

21 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.

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21.4.2021  
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
	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021
Commencement of EVEN Semester	07.08.2021	07.08.2021	07.08.2021	07.08.2021	#20.07.2021	#20.07.2021	07.08.2021
Last Working day of EVEN Semester	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	---	---	---	---
Practical 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
Theory Examinations	---	---	---	---	---	---	---
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.
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21.04.2021  
REGISTRAR





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Ref: VTU/BGM/BOS/A9/2020-21 / 345

Date:

21 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.

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21.4.2021.  
REGISTRAR



## Revised-Academic Calendar of EVEN semesters 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
	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021
Commencement of EVEN Semester	07.08.2021	07.08.2021	07.08.2021	07.08.2021	#20.07.2021	#20.07.2021	07.08.2021
Last Working day of EVEN Semester	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	---	---	---	---
Practical 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
Theory Examinations	---	---	---	---	---	---	---
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

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21.04.2021

REGISTRAR

[Signature]

## ATME COLLEGE OF ENGINEERING, MYSURU

### Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
1	SEPTEMBER			1	2	3	4	5		3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup> Semester : commencement of Online Classes
2		6	7	8	9	10	11	12		
3		13	14	15	16	17	18	19	Mahalaya Amavasya	
4		20	21	22	23	24	25	26		
5		27	28	29	30					
5	OCTOBER					1	2	3	Gandhi Jayanthi	
6		4	5	6	7	8	9	10		First I A for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
7		11	12	13	14	15	16	17		
8		18	19	20	21	22	23	24		
9		25	26	27	28	29	30	31	Ayudha Pooja, Vijaya Dashami, Eid-Milad, Valmiki Jayanthi	
10	NOVEMBER	1	2	3	4	5	6	7	Kannada Rajyotsava	
11		8	9	10	11	12	13	14	Naraka Chaturdashi	Second IA for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
12		15	16	17	18	19	20	21	Balipadyami	Commencement of On-Campus Classes for Semester 7.
13		22	23	24	25	26	27	28		
14		29	30							

Non Working Saturdays

# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	DECEMBER			1	2	3	4	5	Kanakadasa Jayanthi	
15		6	7	8	9	10	11	12		
16		13	14	15	16	17	18	19		
17		20	21	22	23	24	25	26	Christmas	
18		27	28	29	30	31				Third IA for Semesters 3, 5 and 7
18	JANUARY						1	2		
19		3	4	5	6	7	8	9		LAB Interenals for Semesters 3,5 and 7
20		10	11	12	13	14	15	16	Makra Sankranthi	Improvement IA for Semesters 3,5 and 7, LAST working day for ODD Sem 2020-21
21		17	18	19	20	21	22	23		Comencement of Odd Semester Practical Exams
22		24	25	26	27	28	29	30	Republic Day	
23		31								
23	FEBRUARY		1	2	3	4	5	6		End of Odd Semester Practical Exams
24		7	8	9	10	11	12	13		Commencement of Odd Semester Theory Exams
25		14	15	16	17	18	19	20		
26		21	22	23	24	25	26	27		
27		28								

Non Working Saturdays

No. Of Working Days	17	20	20	17	17	9	Total No. Of Working Days	100
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# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	MARCH		1	2	3	4	5	6		
15		7	8	9	10	11	12	13	Mahashivaratri	
16		14	15	16	17	18	19	20		
17		21	22	23	24	25	26	27		25 <sup>th</sup> End of odd semester Theory exams, 26 <sup>th</sup> Mar 2021 Commencement of Even Semester
18		28	29	30	31					
18	APRIL					1	2	3	Good Friday	
19		4	5	6	7	8	9	10		
20		11	12	13	14	15	16	17	Chadramana Yugadi, Ambedkar Jayanthi	
21		18	19	20	21	22	23	24		
22		25	26	27	28	29	30		Mahavir Jayanthi	
23	MAY							1	May Day (Labour Day)	
23		2	3	4	5	6	7	8		
24		9	10	11	12	13	14	15	Idul-Fitr, Basava Jayathi	
25		16	17	18	19	20	21	22		
26		23	24	25	26	27	28	29		
27		30	31							

Non Working Saturdays

Sd-  
Dr. L Basavaraj  
Principal

# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (EVEN SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
1	APRIL					1	2	3		
2		4	5	6	7	8	9	10		
3		11	12	13	14	15	16	17		
4		18	19	20	21	22	23	24		Commencement of 4 <sup>th</sup> , 6 <sup>th</sup> and 8 <sup>th</sup> Semester Classes
5		25	26	27	28	29	30			
5	MAY							1	May Day	
6		2	3	4	5	6	7	8		
7		9	10	11	12	13	14	15	Basava Jayanthi, Ramzan	
8		16	17	18	19	20	21	22		
9		23	24	25	26	27	28	29		FIRST IA 4TH AND 6TH SEM
		30	31							
10	JUNE			1	2	3	4	5		
11		6	7	8	9	10	11	12		
12		13	14	15	16	17	18	19		
13		20	21	22	23	24	25	26		
14		27	28	29	30					

**Non Working Saturdays**



# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (EVEN SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	JULY					1	2	3		SECOND IA 4TH AND 6TH SEM
15		4	5	6	7	8	9	10		
16		11	12	13	14	15	16	17		
17		18	19	20	21	22	23	24	Bakrid	8 <sup>th</sup> Sem Last Working Day, 8 <sup>th</sup> Sem Theory Exam Begins
18		25	26	27	28	29	30	31		8 <sup>th</sup> Sem Theory Exam Ends, THIRD IA 4 <sup>th</sup> AND 6 <sup>th</sup> SEM
18	AUGUST	1	2	3	4	5	6	7		4 <sup>th</sup> and 6 <sup>th</sup> Sem Last Working Day, 8 <sup>th</sup> Sem Internship Viva Voce. LAB IA 4 <sup>th</sup> and 6 <sup>th</sup> Sem.
19		8	9	10	11	12	13	14		Practical Exams Starts for 4 <sup>th</sup> and 6 <sup>th</sup> Sem
20		15	16	17	18	19	20	21	Muharram	Practical Exams Ends for 4 <sup>th</sup> and 6 <sup>th</sup> Sem
21		22	23	24	25	26	27	28		Theory Exams Starts for 4 <sup>th</sup> and 8 <sup>th</sup> Sem
22		29	30	31						
23	SEPTEMBER				1	2	3	4		
24		5	6	7	8	9	10	11	Ganesha Chathurthi	Theory Exams Starts for 4 <sup>th</sup> and 8 <sup>th</sup> Sem
25		12	13	14	15	16	17	18		
26		19	20	21	22	23	24	25	Non Working Saturdays	
27		26	27	28	29	30	31	32		
WORKING DAYS (8 <sup>th</sup> Sem)			14	14	13	13	13	6	73	
WORKING DAYS(4 <sup>th</sup> & 6 <sup>th</sup> )			16	16	15	16	16	7	86	Inclusive of IA tests and other activities

**DEAN ACADEMICS**  
**DR. M S GOVINDE GOWDA**

**PRINCIPAL**  
**DR. L BASAVARAJ**



# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (EVEN SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	JULY					1	2	3		SECOND IA 4TH AND 6TH SEM
15		4	5	6	7	8	9	10		
16		11	12	13	14	15	16	17		
17		18	19	20	21	22	23	24	Bakrid	8 <sup>th</sup> Sem Last Working Day, 8 <sup>th</sup> Sem Theory Exam Begins
18		25	26	27	28	29	30	31		8 <sup>th</sup> Sem Theory Exam Ends, THIRD IA 4 <sup>th</sup> AND 6 <sup>th</sup> SEM
18	AUGUST	1	2	3	4	5	6	7		4 <sup>th</sup> and 6 <sup>th</sup> Sem Last Working Day, 8 <sup>th</sup> Sem Internship Viva Voce. LAB IA 4 <sup>th</sup> and 6 <sup>th</sup> Sem.
19		8	9	10	11	12	13	14		Practical Exams Starts for 4 <sup>th</sup> and 6 <sup>th</sup> Sem
20		15	16	17	18	19	20	21	Muharram	Practical Exams Ends for 4 <sup>th</sup> and 6 <sup>th</sup> Sem
21		22	23	24	25	26	27	28		Theory Exams Starts for 4 <sup>th</sup> and 8 <sup>th</sup> Sem
22		29	30	31						
23	SEPTEMBER				1	2	3	4		
24		5	6	7	8	9	10	11	Ganesha Chathurthi	Theory Exams Starts for 4 <sup>th</sup> and 8 <sup>th</sup> Sem
25		12	13	14	15	16	17	18		
26		19	20	21	22	23	24	25	Non Working Saturdays	
27		26	27	28	29	30	31	32		
WORKING DAYS (8 <sup>th</sup> Sem)			14	14	13	13	13	6	73	
WORKING DAYS(4 <sup>th</sup> & 6 <sup>th</sup> )			16	16	15	16	16	7	86	Inclusive of IA tests and other activities

**DEAN ACADEMICS**  
**DR. M S GOVINDE GOWDA**

**PRINCIPAL**  
**DR. L BASAVARAJ**



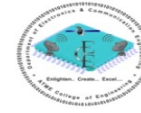


**A T M E**  
College of Engineering

## ATME COLLEGE OF ENGINEERING, MYSURU

### Electronics and Communication Engineering

#### Academic Calendar 2020-21 Odd Semester



WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	No. of days/week	Department Activities
1	SEPTEMBER	30	31	1 IP	2	3	4	5	4	3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup> Sem: commencement of Online Classes IP-Induction Program
2		6	7	8	9	10 DM	11	12	6	DM- Department Meeting
3		13	14	15	16 P	17	18 WM	19	4	Mahalaya Amavasya WM- Website material updation Project Batch creation
4		20	21	22	23	24 DM	25 A & S	26 P	6	DM- Department Meeting A & S- Attendance and Syllabus coverage P- Project guide Allotment
5		27	28 SI	29	30 CR				3	CR- Counseling Report submission SI- Students interaction with HOD
5	OCTOBER					1	2	3	1	2nd-Gandhi Jayanthi
6		4	5 IA-QS	6 IA-QS	7	8	9	10	6	IA-QS- IA QP Question Paper Scrutinization First I A for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
7		11	12	13	14	15 DM	16	17	5	DM- Department Meeting
8		18	19	20	21	22 PTM	23 PTM	24 PTM	6	PTM- Parents Teacher Meeting
9		25	26	27 A & S	28 SI	29 CR	30	31	3	Ayudha Pooja, Vijaya Dashami, Eid-Milad , Valmiki Jayanthi A & S- Attendance and Syllabus coverage SI- Students interaction with HOD CR- Counseling Report submission
10	NOVEMBER	1	2	3	4	5 DM	6 IA-QS	7	5	Kannada Rajyotsava DM- Department Meeting IA-QS- IA QP Question Paper Scrutinization
11		8	9	10	11	12	13	14	5	Second IA for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester, 14th-Naraka Chaturdashi
12		15	16	17	18	19	20	21	4	Commencement of offline classes to 7th semester Balipadyami
13		22	23	24	25 A & S	26 DM	27 WD	28 SI	6	A & S- Attendance and Syllabus coverage WD- Workdone Dairy verification SI- Students interaction with HOD DM- Department Meeting
14		29	30 CR						1	CR- Counseling Report submission

15	DECEMBER			1	2	3	4	5	3	Kanakadasa Jayanthi
16		6	7	8 PCM	9	10 DM, PTM	11 PTM	12 PTM	6	PTM- Parents Teacher Meeting PCM-PAC Committee Meeting DM- Department Meeting
17		13	14 DCM	15	16 PR	17 PR	18 PR	19	4	DCM-DAB Committee Meeting PR- Project Review-1
18		20	21	22	23 IA-QS	24 DM, IA-QS	25	26 WD	5	IA-QS- IA QP Question Paper Scrutinization WD- Workdone Dairy verification
19		27	28	29	30	31 SI			4	Third I A for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semesters SI- Students interaction with HOD
20	JANUARY						1	2	1	
21		3	4	5	6	7	8	9	6	Practical IA
22		10	11 IT	12 IT	13 IT	14	15 IT	16 LD	4	Makara Sankranthi LD-Last working Day IT- Improvement Test
23		17	18	19	20	21	22	23	6	Semster Practical Exmainations, Webinar on Big DATA analysis- Hadoop
24		24	25	26	27	28	29	30	5	Semster Practical Exmainations, Republic Day
25		31								
26	FEBRUARY		1	2	3	4	5	6	4	
27		7	8	9	10	11	12	13	6	Commencement of Theory Exan for Sem 3, 5 and 7
28		14	15	16	17 SA	18 SA	19 SA	20	5	SA- Subject Allotment Process for even semester
29		21	22	23	24	25	26	27	6	FDP on Research Writing
30		28								
26	MARCH		1	2	3	4	5	6	5	Webinar on Competitive Exam Preparation
27		7	8	9	10	11	12	13	5	Mahashivarathri Festival
28		14	15	16	17 WM	18 WM	19 WM	20	5	WM- Website materails submission for 2 modules
29		21	22	23	24	25	26 CM	27	6	End of Theory exams for Semesters 3, 5 and 7 Commensement CM-Commencement of EVEN semester
30		28	29	30	31					

18	APRIL					1	2	3	3	Good Friday
19		4	5	6	7	8	9	10	6	Industrial Visit- TVS Mysuru
20		11	12	13	14	15	16	17	3	Chadramana Yugadi, Ambedkar Jayanthi
21		18	19	20	21	22	23	24	6	
22		25	26	27	28	29	30		5	Mahavir Jayanthi, Webinar on Entrepreneurship and Communication Skills
23	MAY							1		May Day (Labour Day)
23		2	3	4	5	6	7	8	5	
24		9	10	11	12	13	14	15	3	Idul-Fitr, Basava Jayathi
25		16	17	18	19	20	21	22	6	
26		23	24	25	26	27	28	29	6	Project Exhibition
27		30	31						1	

Non Working Saturdays

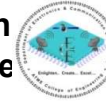
Sd/-  
Dr. Mahesh P K  
HOD

Sd-  
Dr. L Basavaraj  
Principal



**A T M E**  
College of Engineering

**Department of Electron  
Communication Enginee**



**Academic Calendar - Even Semester**

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	Holiday	Departement Events
1	APRIL					1	2	3		Seminar Evaluation of 8th sem
2		4	5	6	7	8	9	10		Project Phase-II Review-I
3		11	12	13	14	15	16	17		
4		18	19	20	21	22	23	24		Commencement of 4, 6 and 8 Semester Classes/
5		25	26	27	28	29	30			Talk on “ Career Opportunities in the IC Design Industry”
5	MAY							1	May day	
6		2	3	4	5	6	7	8		
7		9	10	11	12	13	14	15	Basava	Project Phase-II Review-II
8		16	17	18	19	20	21	22		
9		23	24	25	26	27	28	29		Urja 2k21 under IETE
10	JUNE	30	31							
10				1	2	3	4	5		Internship Evaluation
11		6	7	8	9	10	11	12		First IA of 4th, 6th & 8th sem
12		13	14	15	16	17	18	19		
13		20	21	22	23	24	25	26		“Industry Academic Interaction: Targeting Placements,
14	JULY	27	28	29	30					
14						1	2	3		
15		4	5	6	7	8	9	10		Second IA for 8th Sem
16		11	12	13	14	15	16	17		Project Phase-II Review-II
17		18	19	20	21	22	23	24	Bakrid	Third IA for 8th Sem & Project Competition
18	AUGUST	25	26	27	28	29	30	31		Second IA 4TH AND 6TH SEM
19		1	2	3	4	5	6	7		Lab Test for 4th & 6th sem . Project & internship Viva
20		8	9	10	11	12	13	14		Third IA 4th & 6th Sem
21		15	16	17	18	19	20	21	Muharram	Practical Exams Starts for 4th and 6th Sem
22		22	23	24	25	26	27	28		VTU Theory Exams
23	SEPTEMBER	29	30	31						VTU Theory Exams
23					1	2	3	4		VTU Theory Exams
24		5	6	7	8	9	10	11	Ganesha	VTU Theory Exams
25		12	13	14	15	16	17	18		VTU Theory Exams
26		19	20	21	22	23	24	25	Non Working	VTU Theory Exams
27		26	27	28	29	30	31			VTU Theory Exams

**Dr.Mahesh P K**  
Head & Dept. of EEE

**Adherence to Academic Calendar**

**Academic Year: 2020-21 ODD Sem**

Sl. No	Activity	Planned date	Implemented date	Comments
1	Commencement of online classes / Induction program	1st Sep 2020	1st Sep 2020	As Planned for III and V and VII sem
2	Final Year Project guide allotted for Synopsis submission	26th Sep 2020	26th Sep 2020	As Planned
3	1st Internal Assessment for III, V and VII sem		8th Oct 2020	As Planned
			9th Oct 2020	
		8th Oct 2020	10th Oct 2020	
4	Project Phase-1 Review	16 <sup>th</sup> to 18 <sup>th</sup> Dec 2020	28th to 30th Dec 2020	Postponed as the preparation time was extended for students
5	2nd Internal Assessment for III, V and VII sem	11th Nov 2020	12th Nov 2020	Postponed by one day due to three FDP on NAAC was organised by college from 9th to 11th Nov 2020
		12th Nov 2020	13th Nov 2020	
		13th Nov 2020	15th Nov 2020	
6	Commencement of offline classes	17th Nov 2020	17th Nov 2020	As planned
7	3rd Internal Assessment for III, V and VII sem	28th Dec 2020	28th Dec 2020	As planned
		29th Dec 2020	29th Dec 2020	
		30th Dec 2020	30th Dec 2020	

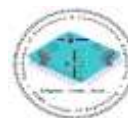
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**HOD**

### **Adherence to Academic Calendar**

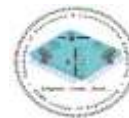
#### **Academic Year: 2020-21 EVEN Sem**

Sl. No	Activity	Planned date	Implemented date	Reason
1	Seminar Evaluation	1st April to 3rd April	15 <sup>th</sup> April to 17 <sup>th</sup> April	Postponed due to covid 19 and evaluated with recorded videos.
2	Commencement of online classes / Induction program	19th April 2021	19th April 2021	As Planned for IV and VI and VIII sem
3	Technical Talk – VI and VIII semester	26 <sup>th</sup> April 2021	26 <sup>th</sup> April 2021	Talk on “Career Opportunities in the IC Design Industry” for Final and Pre final year Students Sem Students.
4	Project Phase-II Review - I	18th May 2021	18th May 2021	As Planned for VIII sem
5	Urja 2k21	26 <sup>th</sup> to 28 <sup>th</sup> May 2021	-	Not Conducted due to covid 19
6	E-Quiz – All semester Students	28th May 2021	28th May 2021	E-Quiz on Current affairs for all the year students
7	Internship Evaluation	3rd June to 5th June	3rd June to 5th June, 10th & 11th June	Extended two more days due to Online evaluation
8	First IA of 4th, 6th & 8th sem	7th to 9th June	7th to 9th June	As planned and conducted in Online mode
9	workshop - V III semester	24 <sup>th</sup> to 26 <sup>th</sup> June 2021	24 <sup>th</sup> to 26 <sup>th</sup> June 2021	3 days' workshop on LATEX for final year students
10	Technical Talk – VI and VIII semester	26 <sup>th</sup> June 2021	26 <sup>th</sup> June 2021	Talk on “Industry Academic Interaction: Targeting Placements, Soft-Skills & Future Plans”
11	IA - VIII semester	5th & 6th July 2021	5th & 6th July 2021	As planned and conducted in Online mode
12	Internship Evaluation	14 <sup>th</sup> to 16 <sup>th</sup> July 2021	14 <sup>th</sup> to 16 <sup>th</sup> July 2021	As Planned for VIII sem
13	IA - VIII semester	17th & 19th July 2021	17th & 19th July 2021	As planned and conducted in Online mode
14	Technical Talk – VIII semester students	28 <sup>th</sup> July 2021	28 <sup>th</sup> July 2021	As planned and conducted in Online mode talk on “How to crack TCS Drive”
15	Second IA of 4th, 6th & 8th sem	29th to 31st July 2021	29th to 31st July 2021	As planned and conducted in Online mode
16	Lab test for 4th & 6th sem	4th to 7th August 2021	4th to 7th August 2021	As planned and conducted in Online mode



17	Third IA of 4th, 6th & 8th sem	9th to 11th August 2021	9th to 11th August 2021	As planned and conducted in Online mode
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**HOD**



Date: 29/05/2021

### **IA CIRCULAR**

This is to inform all that the First Online Internal Assessment for Even semester 2020-21 is scheduled from 07<sup>th</sup> June 2021 till 09<sup>th</sup> June 2021. The faculty members are here by informed to set internal assessment question papers and mail the same to [eceiaqpatmece@gmail.com](mailto:eceiaqpatmece@gmail.com) on or before 04<sup>th</sup> June 2021. The guideline to set question paper is as follows

1. The faculty should prepare 2 different sets of question paper for respective subjects without any repetitions and should be same for both the sections.
2. The question paper pattern and time table are attached for your reference.
3. The Head of the Department will select any one among 2 sets of question paper and the same will be issued during the internal assessment.

### **Examination Committee**

Mr. Pradeepkumar Y

Mr. Manjunath K

Mrs. Harshitha N

**Sd/-**

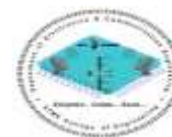
**HOD**





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College of Engineering



## Department of Electronics and Communication Engineering

### ONLINE IA-1 TIME TABLE 2020-21(EVEN SEMESTER)

Date	Sem				
	4		6		8
	(18 Scheme)		(18 Scheme)		(17 Scheme)
	Morning Session (10:00 A.M - 11:30 A. M)	Afternoon Session (2:30 P.M - 4:00 P.M)	Morning Session (10:00 A.M - 11:30 A. M)	Afternoon Session (2:30 P.M - 4:00 P.M)	Morning Session (10:00 A.M - 11:30 A. M)
07-06-2021	18MAT41	18EC42	18EC61	18EC62	17EC81
08-06-2021	18EC43	18EC44	18EC63	18EC645	17EC82
09-06-2021	18EC45	18EC46	*****	18EC652	17EC835

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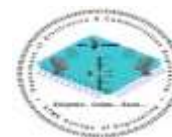
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Dean Academics

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Principal



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## Department of Electronics and Communication Engineering

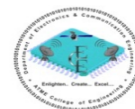
### ONLINE IA-1 TIME TABLE 2020-21(EVEN SEMESTER)

Date	Sem				
	5		5		7
	(2015 Scheme)		(2017 Scheme)		(2015 Scheme)
	Morning Session (10:00 A.M - 11:30 A. M)	Afternoon Session (2:30 P.M - 4:00 P.M)	Morning Session (10:00 A.M - 11:30 A. M)	Afternoon Session (2:30 P.M - 4:00 P.M)	Afternoon Session (2:30 P.M - 4:00 P.M)
07-06-2021	15EC61	15EC62	17EC61	17EC62	15EC81
08-06-2021	*****	15EC663	*****	17EC663	15EC82
09-06-2021	*****	*****	*****	*****	15EC835

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Dean Academics

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Principal



## Department of Electronics and Communication Engineering

### Online IA-1 Invigilation Allotment

07.06.2021 to 09.06.2021

Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Dr. Prakash Kuravatti, Associate Professor	POOJA RAMESH	4AD18EC042	4/A
2		ABHILASH M B	4AD19EC001	4/A
3		AISHWARYA R	4AD19EC003	4/A
4		ANANYA C	4AD19EC005	4/A
5		ANUSHA Y R	4AD19EC007	4/A
6		ARJUN M	4AD19EC009	4/A
7		AWAIZ MANSOOR	4AD19EC011	4/A
8		BHAVANASHREE N	4AD19EC013	4/A
9		CHAITRA B	4AD19EC015	4/A
10		D RAJKUMAR	4AD19EC017	4/A
11		DHANUSH M C	4AD19EC019	4/A
12		DUSHYANTH MP	4AD19EC021	4/A
13		GOWTHAM A R	4AD19EC023	4/A
14		HARSHITHA R M	4AD19EC025	4/A
15		HEMANTH J	4AD19EC027	4/A
16		JASHWINI K	4AD19EC029	4/A
17		KEERTHI KHATAVKAR R	4AD19EC031	4/A
18		KOUSHIK D KUMAR	4AD19EC033	4/A
19		MAHADEVA PRASAD G S	4AD19EC035	4/A
20		MANOJ K T	4AD19EC037	4/A
21		MANOJ KUMAR P	4AD19EC039	4/A

Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Dr. Prathibha M K, Associate Professor	MOHAMMED NAWAZ	4AD19EC041	4/A
2		MOHAMMED USMAN	4AD19EC043	4/A
3		NIJAGUNA SWAMY B S	4AD19EC045	4/A
4		NITISH B D GUPTHA	4AD19EC047	4/A
5		PAVANKUMAR R	4AD19EC049	4/A
6		POOJA D B	4AD19EC051	4/A
7		PRABHUSWAMY B N	4AD19EC053	4/A
8		PRAJWAL C	4AD19EC055	4/A
9		PRATHEEK P S	4AD19EC057	4/A
10		PRIYANKA BAI J G	4AD19EC059	4/A
11		R V CHANDAN	4AD19EC061	4/A
12		RAGASHREE P	4AD19EC063	4/A
13		RAKSHA N R	4AD19EC065	4/A
14		REETHU K M	4AD19EC067	4/A
15		ROHITH S	4AD19EC069	4/A
16		SAMRIN	4AD19EC071	4/A
17		SANJANA R	4AD19EC073	4/A
18		SPARSHA K M	4AD19EC075	4/A
19		STALLAN A	4AD19EC077	4/A
20		SUSHMITHA B	4AD19EC079	4/A
21		SYED ADNAN AHAMED	4AD19EC081	4/A

Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Mrs. Pavithara A C, Assistant Professor	THANYA M	4AD19EC083	4/A
2		VAISHNAVI N	4AD19EC085	4/A
3		VEDASWI P V	4AD19EC087	4/A
4		YASHASWINI R S	4AD19EC089	4/A
5		YASHWANTH Y P	4AD19EC091	4/A
6		AKSHITHA S	4AD20EC401	4/A
7		CHANDAN B N	4AD20EC403	4/A
8		CHANDAN M M	4AD20EC405	4/A
9		DARSHAN S Y	4AD20EC407	4/A
10		KAVYA K R	4AD20EC409	4/A
11		MANOJ KUMAR M	4AD20EC411	4/A
12		VYSHAK GOWDA M R	4AD20EC413	4/A
13		RAVISHANKAR B S	4AD18EC050	4/B
14		AISHWARYA C J	4AD19EC002	4/B
15		AKASHLUTHER B	4AD19EC004	4/B
16		ANISH B	4AD19EC006	4/B
17		APOORVA VISHWANATH	4AD19EC008	4/B
18		ASFIYA TABASSUM	4AD19EC010	4/B
19		BHARATH M	4AD19EC012	4/B
20		BINDU EDEN	4AD19EC014	4/B
21		CHANDANA L	4AD19EC016	4/B

Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Mr. Abhilash G, Assistant Professor	DEEKSHA M	4AD19EC018	4/B
2		DHANYASHREE S R	4AD19EC020	4/B
3		FAWAZ AHMED KHAN	4AD19EC022	4/B
4		HARSHA M	4AD19EC024	4/B
5		HEERA N	4AD19EC026	4/B
6		HIBA MAHIN	4AD19EC028	4/B
7		JAYANTH S	4AD19EC030	4/B
8		KIRAN S	4AD19EC032	4/B
9		LIKHITHA M	4AD19EC034	4/B
10		MANJUNATHA S	4AD19EC036	4/B
11		MANOJKUMAR N S	4AD19EC038	4/B
12		MOHAMMED ADNAN HAI	4AD19EC040	4/B
13		MOHAMMED SULAIMAN	4AD19EC042	4/B
14		NAGRAJ S	4AD19EC044	4/B
15		NISHCHITHVARDHAN S	4AD19EC046	4/B
16		NOMAN SABIT	4AD19EC048	4/B
17		POOJA B J	4AD19EC050	4/B
18		POORNA CHANDRA R	4AD19EC052	4/B
19		PRAJWAL B R	4AD19EC054	4/B
20		PRASHANTH L	4AD19EC056	4/B
21		PRERITHA B P	4AD19EC058	4/B
22		PUNEETH B S	4AD19EC060	4/B

Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Mr. Guruprasad K N, Assistant Professor	RACHANA H M	4AD19EC062	4/B
2		RAJAT NARAYAN HEGDE	4AD19EC064	4/B
3		RAVINDRA S HUNDEKAR	4AD19EC066	4/B
4		ROHITH KUMAR K	4AD19EC068	4/B
5		SAHANA C	4AD19EC070	4/B
6		SANIKA C R	4AD19EC072	4/B
7		SHWETHA L	4AD19EC074	4/B
8		SPOORTHY M C	4AD19EC076	4/B
9		SUPRITH D S	4AD19EC078	4/B
10		SUSHMITHA M S	4AD19EC080	4/B
11		TANYA S	4AD19EC082	4/B
12		THRIPTI B S	4AD19EC084	4/B
13		VANITHA B	4AD19EC086	4/B
14		Y N GOWTHAMI	4AD19EC088	4/B
15		YASHWANTH K	4AD19EC090	4/B
16		AKASH R	4AD20EC400	4/B
17		AMRUTH KUMAR M R	4AD20EC402	4/B
18		CHANDAN KUMAR K	4AD20EC404	4/B
19		CHARANKUMAR K C	4AD20EC406	4/B
20		HEMANTH H S	4AD20EC408	4/B
21		MANASA B N	4AD20EC410	4/B
22		TEJASH KUMAR N	4AD20EC412	4/B

Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Mr. Pradeep Kumar Y, Assistant Professor	B BERNICE MATTENAI	4AD17EC007	6/A
2		AISHWARYA B	4AD18EC001	6/A
3		ANEES FATHIMA A B	4AD18EC003	6/A
4		ANUSHA A R	4AD18EC005	6/A
5		APOORVA H S	4AD18EC007	6/A
6		CAROLINE SYMPHONY S	4AD18EC009	6/A
7		CHANDANA M D	4AD18EC011	6/A
8		CHETHAN S	4AD18EC015	6/A
9		DASHARATHA A M	4AD18EC017	6/A
10		HAJIRA SIMRAN	4AD18EC019	6/A
11		HARSHITHA H J	4AD18EC021	6/A
12		HITHASHREE S G	4AD18EC023	6/A
13		KARTHIK R	4AD18EC025	6/A
14		LAKSHITH GOWDA N K	4AD18EC027	6/A
15		LIKHITH VIJAY KUMAR	4AD18EC029	6/A
16		MANSOOR FATHAK	4AD18EC031	6/A
17		MEGHANA S	4AD18EC033	6/A
18		NANDITHA A	4AD18EC035	6/A
19		NAVANEETH M	4AD18EC037	6/A
20		NEHA D R	4AD18EC039	6/A
21		P BALAKRISHNA	4AD18EC041	6/A
22		POOJA V	4AD18EC043	6/A
23		PRASHANTH Y S	4AD18EC047	6/A
24		RAMYA K	4AD18EC049	6/A
25		RIYANKA K	4AD18EC051	6/A
26		SANGEETHA K S	4AD18EC053	6/A

Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Mr. Manjunath K, Assistant Professor	SARA SIMRAN	4AD18EC055	6/A
2		SHEETAL K ATHREYA	4AD18EC057	6/A
3		Somashekar M N	4AD18EC059	6/A
4		SUMAN S	4AD18EC061	6/A
5		SUSHMITHA P	4AD18EC063	6/A
6		TEJASWINI E	4AD18EC065	6/A
7		THANUSHREE D	4AD18EC067	6/A
8		THEJASWINI P	4AD18EC069	6/A
9		VAISHNAVI G	4AD18EC071	6/A
10		VARUN R S	4AD18EC073	6/A
11		BHAVANKUMAR N	4AD19EC401	6/A
12		CHINMAYI R	4AD19EC403	6/A
13		DARSHAN K S	4AD19EC405	6/A
14		HEMANTHKUMAR G V	4AD19EC407	6/A
15		KIRAN A	4AD19EC409	6/A
16		KUPENDRA	4AD19EC411	6/A
17		MAMATHA M B	4AD19EC413	6/A
18		MANOJ L	4AD19EC415	6/A
19		MONISHA S	4AD19EC417	6/A
20		NITHINGOWDA A M	4AD19EC419	6/A
21		PAVAN S M	4AD19EC421	6/A
22		PRAJWALGOWDA G K	4AD19EC423	6/A
23		RAMYA N	4AD19EC425	6/A
24		SOUGANDHA G	4AD19EC428	6/A
25		SURAJ P	4AD19EC430	6/A
26		SYED MOHAMED ZUBAIR	4AD19EC431	6/A

Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Mr. Girish M, Assistant Professor	YASHWANTH B	4AD19EC434	6/A
2		DARSHAN KUMAR C B	4AD17EC022	6/B
3		ANANDA H K	4AD18EC002	6/B
4		ANNAPOORNA D	4AD18EC004	6/B
5		ANUSHA B	4AD18EC006	6/B
6		BHAVANI J	4AD18EC008	6/B
7		CHAITHRA H R	4AD18EC010	6/B
8		CHANDANA R	4AD18EC012	6/B
9		CHETHAN P	4AD18EC014	6/B
10		CHIRAG C N	4AD18EC016	6/B
11		DHANUSH H V	4AD18EC018	6/B
12		HARSHAVARDHAN B M	4AD18EC020	6/B
13		HARSHITHA M	4AD18EC022	6/B
14		JOSNIJOSEPH	4AD18EC024	6/B
15		KAVYA C	4AD18EC026	6/B
16		LEELASHREE J	4AD18EC028	6/B
17		MAHADEVDEEPAK P	4AD18EC030	6/B
18		MANU R K	4AD18EC032	6/B
19		NAGASHREE M	4AD18EC034	6/B
20		NARENDRA K R	4AD18EC036	6/B
21		NAVEEN RAJ	4AD18EC038	6/B
22		NIKHITHURS	4AD18EC040	6/B
23		POOJA VENKATESH	4AD18EC044	6/B
24		PRANEETH JAIN S S	4AD18EC046	6/B
25		ROHAN U	4AD18EC052	6/B
26		SANJANA R	4AD18EC054	6/B

Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Mrs. Harshitha N, Assistant Professor	SARIYA ANJUM	4AD18EC056	6/B
2		SINCHANA S	4AD18EC058	6/B
3		SOWJANYA	4AD18EC060	6/B
4		SUNIL K	4AD18EC062	6/B
5		SWATHI B	4AD18EC064	6/B
6		TEJUS KUMAR S D	4AD18EC066	6/B
7		THEJASWINI K	4AD18EC068	6/B
8		UDAY GOWDA H C	4AD18EC070	6/B
9		VAISHNAVI V	4AD18EC072	6/B
10		VIKAS M K	4AD18EC074	6/B
11		ACHUTHA	4AD19EC400	6/B
12		CHAITRA M L	4AD19EC402	6/B
13		DARSHAN H M	4AD19EC404	6/B
14		HARSHITH G	4AD19EC406	6/B
15		KAVERI K M	4AD19EC408	6/B
16		KRUTHI M J	4AD19EC410	6/B
17		MANASA K R	4AD19EC414	6/B
18		MOHAMMED YOUNUS	4AD19EC416	6/B
19		NITHIN L	4AD19EC418	6/B
20		PAVAN H S	4AD19EC420	6/B
21		PRAJWAL R	4AD19EC422	6/B
22		RAJUMURTHY R	4AD19EC424	6/B
23		SHRIKANTH V	4AD19EC427	6/B
24		SUDEEP P	4AD19EC429	6/B
25		SYED MUZAMMIL	4AD19EC432	6/B
26		VINEETH GOWDA B K	4AD19EC433	6/B

Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Mrs. Keerthi A Kumbar Assistant Professor	SUJITH S M	4AD13EC080	8/A
2		SAHANA G R	4AD14EC350	8/A
3		DEEPIKA S R	4AD16EC017	8/A
4		KARTHIK A H	4AD16EC027	8/A
5		POORVASHREE C V	4AD16EC047	8/A
6		JANARDHANKUMAR H S	4AD16EC413	8/A
7		AISHWARYA S Y	4AD17EC001	8/A
8		AJAY C	4AD17EC002	8/A
9		ANU R	4AD17EC004	8/A
10		APOORVA S	4AD17EC005	8/A
11		ARPITHA B	4AD17EC006	8/A
12		BASAVARAJ D K	4AD17EC008	8/A
13		BHANUPRIYA B	4AD17EC009	8/A
14		BHARATH H L	4AD17EC010	8/A
15		BHAVANA D C	4AD17EC011	8/A
16		BHOOMIKA G	4AD17EC012	8/A
17		BHUVANA M C	4AD17EC013	8/A
18		BHUVANESHWARI B V	4AD17EC014	8/A
19		CHAITHANYA D S	4AD17EC015	8/A
20		CHANDAN B	4AD17EC016	8/A
21		CHANDU D	4AD17EC017	8/A
22		CHANDU PRASAD T L	4AD17EC018	8/A
23		CHAYA R	4AD17EC019	8/A
24		CHINGAKHAM ROMITA C	4AD17EC020	8/A

Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Mrs. Shalini V S, Assistant Professor/ Ms. Navya N Assistant Professor	DANISH ALI KHAN	4AD17EC021	8/A
2		DHANANJAYA S	4AD17EC023	8/A
3		DHANUSHA T	4AD17EC024	8/A
4		DILIP N	4AD17EC025	8/A
5		GIRISH BABU C J	4AD17EC026	8/A
6		HARSHITH K	4AD17EC027	8/A
7		HARSHITH R	4AD17EC028	8/A
8		JAYASURYA J	4AD17EC029	8/A
9		K GOWTHAMI	4AD17EC030	8/A
10		KALPANA K	4AD17EC031	8/A
11		KRIPA GOYAL	4AD17EC032	8/A
12		KUSUMA M N	4AD17EC033	8/A
13		LAVANYA S	4AD17EC034	8/A
14		LIKHITH K S	4AD17EC035	8/A
15		MAHESHKUMAR U	4AD17EC036	8/A
16		CHETHAN RAO S	4AD17EC403	8/A
17		RASHMI B	4AD17EC425	8/A
18		ASMA RAHAMANI	4AD18EC400	8/A
19		MAMATHA B	4AD18EC401	8/A
20		MANJUKUMAR M	4AD18EC402	8/A
21		MANOJ R	4AD18EC403	8/A
22		MONIKA M	4AD18EC404	8/A
23		POOJA	4AD18EC405	8/A
24		RANJAN R	4AD18EC406	8/A
25		RASHMI N P	4AD18EC407	8/A

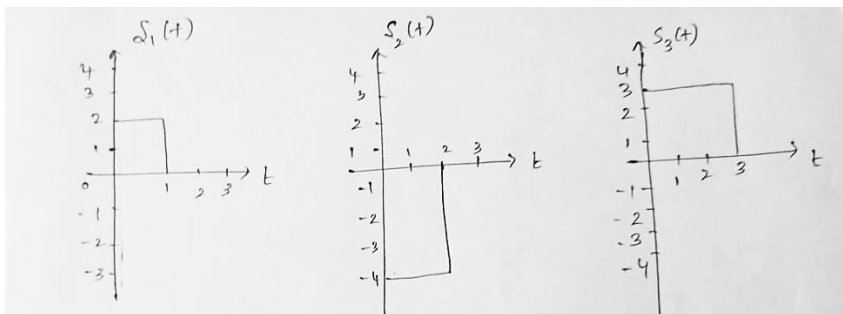
Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Ms. Anupama Shetter Assistant Professor	PRABHATH KUMAR TRIPATHI	4AD15EC053	8/B
2		RAJESH KRISHNA R	4AD16EC056	8/B
3		LIKITH MANEY	4AD16EC420	8/B
4		MEGHANA P	4AD17EC037	8/B
5		MOHAMMED ADNAN	4AD17EC038	8/B
6		MOHAMMED MOIN	4AD17EC039	8/B
7		MOHAMMED UMAR	4AD17EC040	8/B
8		NAYANA N	4AD17EC041	8/B
9		NEHA N	4AD17EC042	8/B
10		NISHANTHA D K	4AD17EC043	8/B
11		POOJA M	4AD17EC044	8/B
12		POOJITHA J	4AD17EC045	8/B
13		POOJITHA M A	4AD17EC046	8/B
14		POORNIMA K	4AD17EC047	8/B
15		POORNIMA S	4AD17EC048	8/B
16		PRAJWAL R	4AD17EC049	8/B
17		PRAVEENKUMAR	4AD17EC050	8/B
18		PRAVEEN KUMAR M M	4AD17EC051	8/B
19		PREETHAM G B	4AD17EC052	8/B
20		PRIYANKA S	4AD17EC053	8/B
21		RAKSHITHA N	4AD17EC054	8/B
22		RAKSHITHA S	4AD17EC055	8/B
23		RASHMI V	4AD17EC056	8/B
24		REKHA S	4AD17EC057	8/B



Sl. No.	Faculty Name with Designation	Student Name	Student USN	Semester/Section
1	Mrs. Nida Mahin Assistant Professor	ROHINI K K	4AD17EC058	8/B
2		ROHITH V	4AD17EC059	8/B
3		SOUNDARYA S G	4AD17EC061	8/B
4		SAHANA N	4AD17EC062	8/B
5		SANTHOSH TIWARI C	4AD17EC063	8/B
6		SHALINI D	4AD17EC064	8/B
7		SHILPA R	4AD17EC065	8/B
8		SHRIVATHSA M	4AD17EC066	8/B
9		SINDHU R	4AD17EC067	8/B
10		SONALI L U	4AD17EC068	8/B
11		SUCHITRA R S	4AD17EC069	8/B
12		SUDARSHAN S	4AD17EC070	8/B
13		SUMA A M	4AD17EC071	8/B
14		SURYA SHANKARMURTHI	4AD17EC072	8/B
15		TARUN	4AD17EC073	8/B
16		VENUGOPAL A S	4AD17EC074	8/B
17		YASHASWINI M P	4AD17EC075	8/B
18		SUJITH R	4AD17EC426	8/B
19		RUMANA A	4AD18EC408	8/B
20		SANJAY M	4AD18EC409	8/B
21		SHYAMALA P K	4AD18EC410	8/B
22		SUHAS P	4AD18EC411	8/B
23		SUPRITHA A P	4AD18EC413	8/B
24		SUPRITHA A S	4AD18EC414	8/B
25		SYED MOHAMMED ADNA	4AD18EC415	8/B

**FIRST INTERNAL ASSESMENT**

<b>COURSE</b>	<b>:</b>	<b>Digital Communication</b>	<b>TIME</b>	<b>:</b>	<b>10.00 AM to 11.30 AM</b>
<b>COURSE CODE</b>	<b>:</b>	<b>18EC61</b>	<b>DATE</b>	<b>:</b>	<b>7/6/2021</b>
<b>SEM/SEC</b>	<b>:</b>	<b>6<sup>th</sup> A &amp; B</b>	<b>MAX. MARKS</b>	<b>:</b>	<b>50</b>

<b>Q. No</b>	<b>PART-A-Answer any three full Questions</b>	<b>Marks</b>	<b>COs</b>	<b>BTL</b>
01	a) Matched filter is used for A. Coherent detection B. Non- Coherent detection C. Coherent detection & Non-Coherent detection D. None of these.	2 M	CO1	L1
	b) Using the Gram- Schmidt Orthogonalization procedure, find a set of orthonormal basic functions to represent the three signals $s_1(t)$ , $s_2(t)$ and $s_3(t)$ as shown in fig below. Also express each of the signals in terms of the set of basic functions. 	8 M		L2
02	a) The polarities in NRZ format use A. Complete pulse duration B. Half duration C. Both positive as well as negative value D. Each pulse is used for twice the duration	2 M	CO1	L1
	b) 1. Define Hilbert Transform. List the properties of Hilbert Transform. 2. Obtain canonical representation of band pass signals. 5M	3M 8 M		L2
03	a) In polar RZ format for coding, symbol '0' is represented by A. Zero voltage B. Negative voltage C. Pulse is transmitted for half the duration D. Both b) and c) are correct	2 M	CO1	L1
	b) Explain geometrical representation of signals. Show that the energy of the signal is equal to the squared length of the vector representing it.	8 M		L2
04	a) In Alternate Mark Inversion (AMI) A. 0 is encoded as positive pulse and 1 is encoded as negative pulse B. 0 is encoded as no pulse and 1 is encoded as negative pulse C. 0 is encoded as negative pulse and 1 is encoded as positive pulse D. 0 is encoded as no pulse and 1 is encoded as positive or negative pulse	2 M	CO1	L1

	b) 1. Compare the power spectra of various line codes in term of bandwidth, DC component, Noise Immunity and synchronization capability, with neat sketch. 5M 2. Write a note on HDBN signalling. 3M	8 M		L2
	<b>PART-B-Answer any two full Questions</b>	<b>Marks</b>	<b>COs</b>	<b>BTL</b>
05	a) The correlating detector is also known as A. Maximum likelihood detector B. Minimum likelihood detector C. Matched likelihood Detection D. Matched likelihood Demand	2 M	CO3	L1
	b) Derive the expression for mean and variance of correlator outputs. Also show that correlator outputs are statistically independent.	8 M		L2
06	a) White noise has _____ power spectral density. A. Constant B. Variable C. Undetermined D. None of the above	2 M	CO1	L1
	b) Derive the expression for the complex low pass representation of band pass systems.	8 M		L2
07	a) AWGN stands for A. Additive White Gaussian Noise B. Advanced White Gaussian Noise C. Additional White Guard Noise D. None of the above	2 M	CO3	L1
	b) Explain matched filter receiver. Obtain the expression for the impulse response of the matched filter.	8 M		L2

**CO1:** Associate and apply the concepts of Band pass sampling to well specified signals and channels.

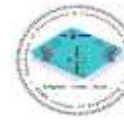
**CO2:** Analyse and compute performance parameters and transfer rates for low pas and band pass symbol under ideal and corrupted non band limited channels.

**CO3:** Test and validate symbol processing and performance parameters at the receiver under ideal and corrupted band limited channels.

**CO4:** Demonstrate by simulation and emulation that band pass signals subjected to corrupted and distorted symbols in a band limited channel, can be demodulated and estimated at receiver to meet specified performance criteria.

**CO5:** Describe the Principles of Spread Spectrum

Bloom's Taxonomy Level	
L1	Remembering
L2	Understanding
L3	Applying
L4	Analyzing
L5	Evaluating
L6	Creating



**Report on**  
**Five Days National level Workshop**  
**On**  
**“Academic & Research Writing”**

The Workshop was scheduled on 25<sup>th</sup> & 26<sup>th</sup> March & 29<sup>th</sup> to 31<sup>st</sup> March 2021. The objective of this 5 days' Workshop is to fill this gap by providing the fundamental knowledge required for effective and result oriented academic writing. The workshop is aimed at the faculty members, research scholars and students of all disciplines. Workshop was scheduled using M S Teams. There was no registration fee for the participants. Totally 187 participants had registered for the event from various institutes in and out of Karnataka such as Adsul Technical campus Ahmednagar, KLS VDJT Haliyal, VCET Puttur, NRIE Nitte, ACS college of Engineering, AIT Chikkamagaluru, SIT, PDACE Gulbarga, SDMIT Ujjire, NMINS University, CIT Ponnampet, RIT Hassan, & in & around colleges of Mysuru Region.

Registration link of the Workshop:

**Day 1: 25<sup>th</sup> March 2021**

**Session 1 & Session 2:** Morning & Afternoon Session

**Topic Covered:** Tools and Techniques used for thesis writing

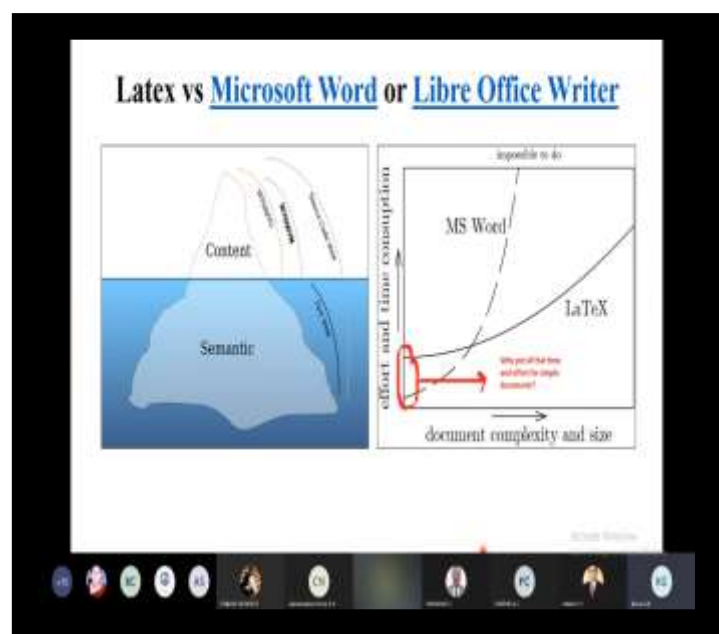
**Resource Person:** Dr. Kinsuk Giri, Assistant Professor,

Computer Science and Engineering, NITTTR, Kolkata

The session started at 10.30 AM with welcome speech by Dr. Mahesh P K, Professor & Head of ECE Department, followed by Inaugural speech by Dr. L. Basavaraj, Principal ATMECE.

Dr. Kinsuk Giri started his presentation by introducing the different tools which can be used for thesis writing. Later he covered the basic concepts of LaTeX. In the afternoon session Dr. Kinsuk

Giri covered the concept of writing a research article using Latex tool. All the required information like including mathematical equation, Images, Header, Allignment etc. were briefed in the session. Some of the screenshots of the session are



YouTube Link of the Morning session: <https://youtu.be/ygqUbNy1pCc>

YouTube Link of the Afternoon session: <https://youtu.be/q3-54zTWAPY>

### Day 2- 26<sup>th</sup> March 2021

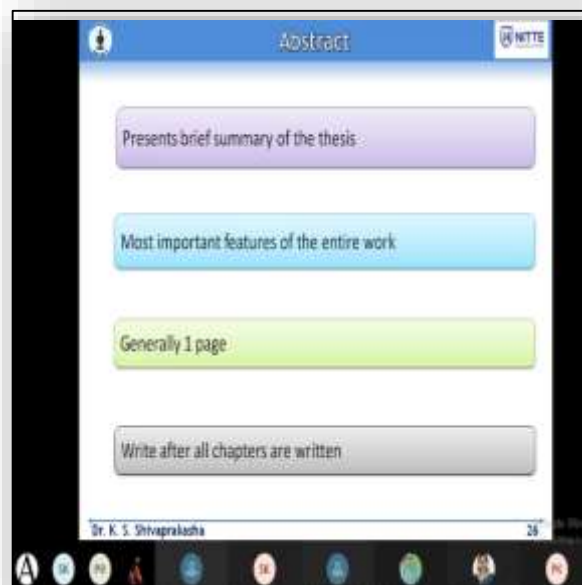
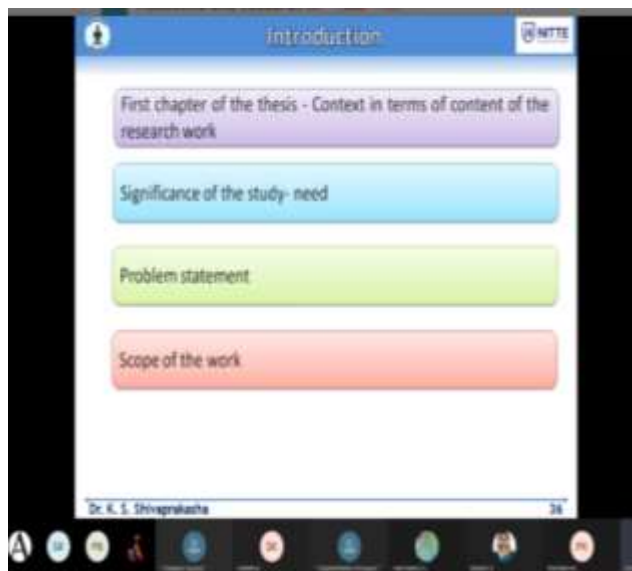
#### **Session 3: Morning Session**

**Topics covered:** Dissertation Writing

**Resource Person:** Dr. Shivaprakash K S, Professor , Department of ECE,

NMAM. Institute of Technology Nitte

The session was started at 10.30 AM, Dr. Shivaprakash K S during his presentation, highlighted the importance of Documentation, and explained the various sections of thesis. He also shared his knowledge on the mistake that may occur during the Thesis Writing process. Some of the screenshots of the session are



**YouTube Link of the session:** <https://youtu.be/N14OT4MyX8Y>

## **Day 2- 26<sup>th</sup> March 2021**

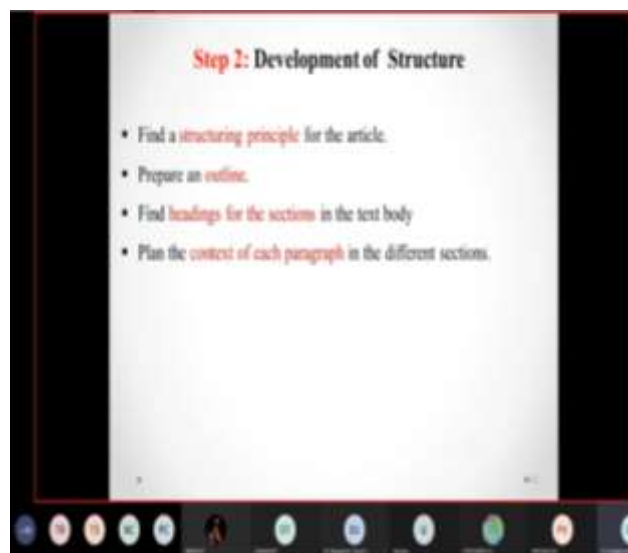
### **Session 4: Afternoon Session**

**Topics covered:** Research Review Paper writing

**Resource Person:** Dr. Ravikiran H.K, Assistant Professor, Dept of ECE, RIT, Hassan-573201

The session started at 2.30 PM, Dr. Ravikiran H K started his presentation by briefing the difference between Review & Research Article. He shared his knowledge about the precaution that has to be taken during the writing of Review Paper, purpose of Review Paper & briefed about

the different steps involved in writing the Review Paper. Some of the screenshots of the session are



**YouTube Link of the session:** <https://youtu.be/r00QLhUWl94>

### **Day 3- 29<sup>th</sup> March 2021**

**Session 5 & 6:** Morning Session & Afternoon Session

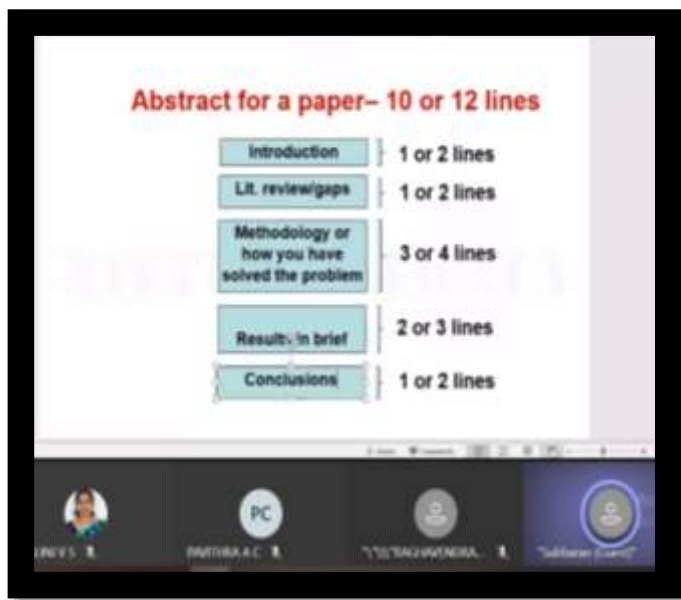
**Topics covered:** Research Writing

**Resource Person:** **Dr. Rayapathi Subbarao**, Associate Professor, Mechanical Engineering, NITTTR, Kolkata

The session started at 10.30 AM. Dr. Rayapathi Subbarao started his presentation by briefing the layout of Research Paper. Later he explained the initial sections of Research Report in detail which includes Abstract, Literature Survey.

In the afternoon session Dr. Rayapathi Subbarao covered the concept of Research Report writing which includes Methodology, Results & Discussion & Conclusion. Some of the screenshots of the session are





YouTube Link of the Morning session: <https://youtu.be/Pz42iOBhx3c>

YouTube Link of the Afternoon session: [https://youtu.be/aDcs\\_kugZsY](https://youtu.be/aDcs_kugZsY)

#### **Day 4- 30<sup>th</sup> March 2021**

##### **Session 7: Morning Session**

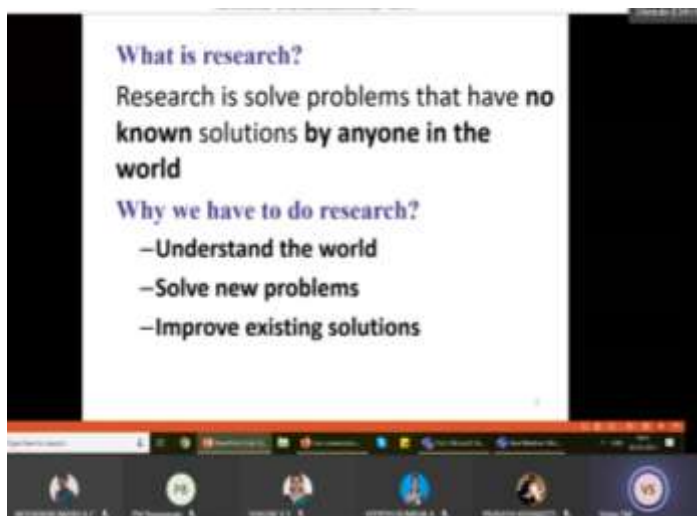
**Topics covered:** Research Fund Proposal

**Resource Person: Dr. Vidya S M**, Professor, Department of Biotechnology Engineering, NMAM Institute of Technology, Nitte 574 110, Udupi Dist. Karnataka

The session started at 10.30AM. Dr. Vidya S M started the session by explaining need & significance of research Fund proposal, she briefed about the selection of Research Topic, shared the different Research Funding agencies & different types of programs. Later she explained the



content for writing proposal & the steps that has to be followed for the submitting the same. Some of the screenshots of the session are



**YouTube Link of the session:** <https://youtu.be/E-YIH9u8xyw>

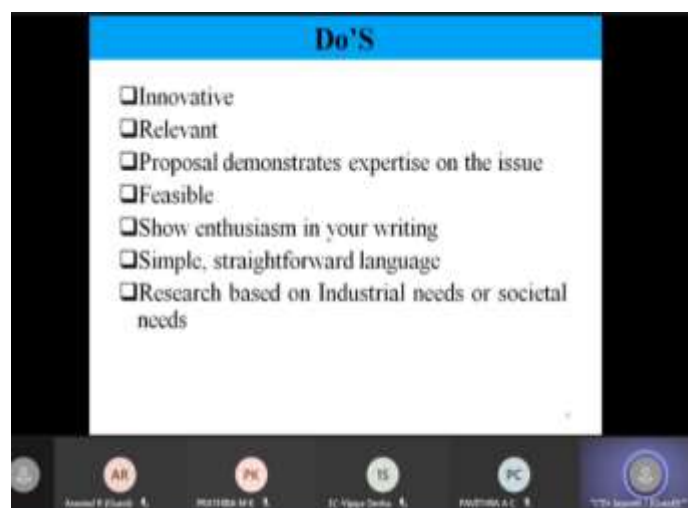
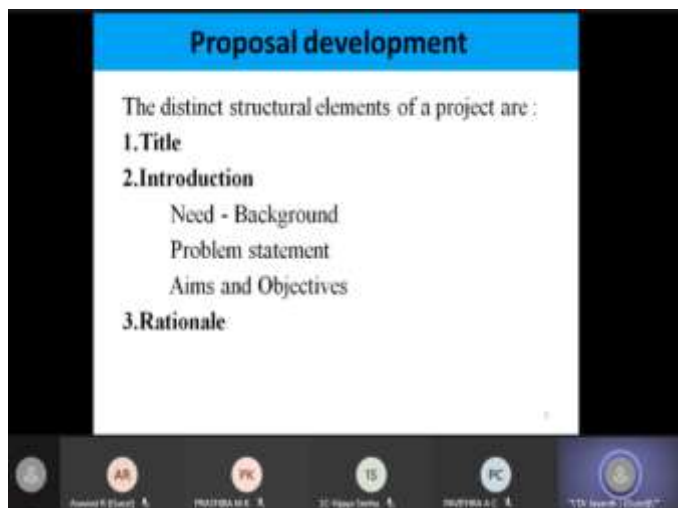
### **Day 4- 30<sup>th</sup> March 2021**

**Session 8:** Afternoon Session

**Topics covered:** Research Fund Proposal

**Resource Person:** **Dr. Jayanth J**, Associate Professor, GSSSIETW, Mysuru

The session started at 10.30AM. Dr. Jayanth J started his presentation by briefing the layout of Research fund Proposal. He explained DST format proposal of each section in detail, expectation of Funding agency, shared his knowledge on how to write Research Fund Proposal. He briefed various types of funding & evaluation parameters that will be considered by the Funding agency. He concluded his presentation with the evaluation of completed Funding project & illustrated Funding opportunities available. Some of the screenshots of the session are



YouTube Link of the session: [https://youtu.be/JSFubej\\_GVo](https://youtu.be/JSFubej_GVo)

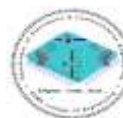
### Day 5- 31<sup>th</sup> March 2021

#### **Session 9:** Morning Session

**Topics covered:** Introduction to plagiarism & Tools for detection of plagiarism

**Resource Person:** Dr. Ajay Semalty, University SWAYAM Coordinator Assistant Professor, Pharmaceutics, H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand

The session started at 10.30 AM. Dr. Ajay Semalty shared his knowledge on Research misconduct, importance of Authorship, Ethics in Research & Publication. He briefed regarding plagiarism & what are the steps to reduce the plagiarism. He also demonstrated how to check the plagiarism of the article through the software Ouriginal. Some of the screenshots of the session are



**YouTube Link of the session:** <https://youtu.be/Ud8IYCyKzjs>

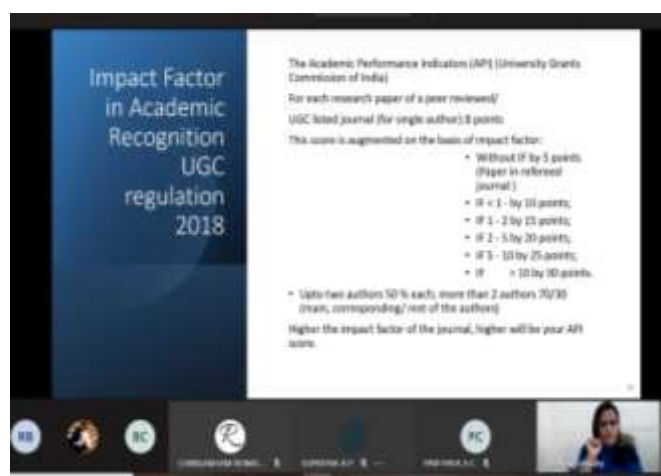
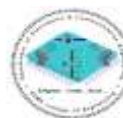
### **Day 5- 31<sup>th</sup> March 2021**

**Session 10:** Afternoon Session

**Topics covered:** Journal & Author Metric.

**Resource Person:** **Dr. Mona Semalty**, Co-Coordinator University SWAYAM Cell, Assistant Professor, H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand

The session started at 2.30 PM. Dr. Mona Semalty started her presentation by giving introduction to Journal Metrics. During her presentation she briefed regarding the impact factor, indexing & h-index. Some of the screenshots of the session are



**Outcome of the Workshop:** The participant gains the Knowledge about basic skills of literature review, Research paper, Review paper and Thesis writing.

### Coordinators

Dr. Prathibha M K

Mrs. Pavithra A C

Mrs. Shalini V S

*Handwritten signature*  
**HGD**

### **ATME College of Engineering**

#### **C1.1.2 - The institution adheres to the academic calendar including for the conduct of CIE**

#### **Supporting Documents**

#### **Index**

Sl. No.	Academic Year	Particulars
1	<b>2020-21</b>	Academic Calendar- VTU
2		Academic Calendar- College
3		Academic Calendar- Department
4		Adherence Report
5		Sample IA Test Circular, Attendance & QP
6		Event - Report



A T M E  
College of Engineering



## Department of Civil Engineering

**ATME COLLEGE OF ENGINEERING**

13<sup>th</sup> Kilometer, Mysore-Kanakapura-Bangalore Road, Mysore – 570 028 P : 0821-2593335 F: 0821-2593328  
Email: [info@atme.in](mailto:info@atme.in), Web : [www.atme.in](http://www.atme.in)



# 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/Academic/A9/2020-21/ **5086**

Dated: **- 5 JAN 2021**

## REVISED - NOTIFICATION

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students for the academic year 2020-21.

**Reference:**

1. VTU/BGM/SO2/2020-21/4162, dated 04.12.2020
2. Approval of Hon'ble Vice-Chancellor dated 05.01.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 is hereby notified as enclosed. The Principals of All Colleges of Engineering are hereby informed to bring the contents of this Notification to the notice of all the concerned.

Sd/-  
**REGISTRAR**

To,

1. The Principals of all Engineering Colleges under the ambit of VTU.

Copy to:

1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
3. Regional Directors of all Regional Offices of VTU.
4. The Special Officers of Academic Section of VTU, Belagavi.
5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

**2.5.1.21**  
**REGISTRAR**



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

	<b>REVISED</b> dates for Regular & Lateral Entry III Semester B.E./B.Tech. students
Commencement of ODD Semester	01.09.2020
Last Working day of ODD Semester	27.02.2021
Theory Examinations	06.03.2021 To 24.03.2021
Practical Examinations	25.03.2021 To 31.03.2021
Internship	---
Internship Viva-Voce	---
Professional training / Organization study	---
Commencement of EVEN Semester	01.04.2021

- 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**.

05.1.21  
**REGISTRAR**

VBM (A)





# 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/Academic/A9/2020-21/ 5146

Dated: 6 JAN 2021

## CORRIGENDUM

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students for the academic year 2020-21.

**Reference:**

1. VTU/BGM/Academic/A9/2020-21/5086, dated 05.01.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 was notified vide the reference mentioned (1). In case 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 Principals of all Autonomous Colleges of Engineering are hereby informed to bring the contents of this circular to the notice of all the concerned.

Sd/-  
REGISTRAR

To,

1. The Principals of all Autonomous Engineering Colleges under the ambit of VTU.

Copy to:

1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
3. Regional Directors of all Regional Offices of VTU.
4. The Special Officers of Academic Section of VTU, Belagavi.
5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

06.01.21  
REGISTRAR  
VSH



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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

## Visvesvaraya Technological University

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"Jnana Sangama" Belagavi-590018, Karnataka, India

Phone: (0831) 2498100, Fax: (0831) 2405467, Website: vtu.ac.in

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

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/Academic/SO2/2020-21/6416

Dated: - 1 MAR 2021

### REVISED - NOTIFICATION

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students of B.E./ B.Tech., for the academic year 2020-21.

#### Reference:

1. VTU/BGM/SO2/2020-21/4162, dated 04.12.2020
2. VTU/BGM/Academic/SO2/2020-21/5086, dated 05.01.2021
3. Approval of Hon'ble Vice-Chancellor dated 01.03.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 is hereby notified as enclosed.

The Principals of All Colleges of Engineering are hereby informed to bring the contents of this Notification to the notice of all the concerned.

Sd/-  
REGISTRAR

To,

1. The Principals of all Engineering Colleges under the ambit of VTU.

Copy to:

1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
3. Regional Directors of all Regional Offices of VTU.
4. The Special Officers of Academic Section of VTU, Belagavi.
5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

  
REGISTRAR  
7/11

**Revised Academic Calendar of VTU, Belagavi  
for III Semester B.E./B.Tech. of 2020-21**

	<b>REVISED</b> dates for Regular & Lateral Entry III Semester B.E./B.Tech. students
Commencement of ODD Semester	01.09.2020
Last Working day of ODD Semester	10.03.2021
Theory Examinations	15.03.2021 To 31.03.2021
Practical Examinations	05.04.2021 To 09.04.2021
Internship	---
Internship Viva-Voce	---
Professional training / Organization study	---
Commencement of EVEN Semester	12.04.2021

- 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
- 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**. 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.

01.3.2021  
**REGISTRAR**  
7/13/



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ" ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ  
"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ-ಜೀರ್ಣೋದ್ಧಾರ, ಕರ್ನಾಟಕ, ಭಾರತ

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Phone: (0831) 2498100

Fax: (0831) 2405467

Registrar

Ref: VTU/BGM/BOS/A9/2020-21 /6652

Date: 12 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

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

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

Rangana B.1

REGISTRAR 12/03/21

7





# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ-೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

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

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/BOS/A9/2020-21 / 345

Date:

21 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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5. PS to Registrar VTU Belagavi
6. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

21.4.2021  
REGISTRAR  
7.



# 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
	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021
Commencement of EVEN Semester	07.08.2021	07.08.2021	07.08.2021	07.08.2021	#20.07.2021	#20.07.2021	07.08.2021
Last Working day of EVEN Semester	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	---	---	---	---
Practical 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
Theory Examinations	---	---	---	---	---	---	---
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.

21.08.2021

REGISTRAR



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ-೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

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

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/BOS/A9/2020-21 / 345

Date:

21 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.

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

21.4.2021  
REGISTRAR  
7.





# 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
	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021
Commencement of EVEN Semester	07.08.2021	07.08.2021	07.08.2021	07.08.2021	#20.07.2021	#20.07.2021	07.08.2021
Last Working day of EVEN Semester	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	---	---	---	---
Practical 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
Theory Examinations	---	---	---	---	---	---	---
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.

21.08.2021

REGISTRAR



## ATME COLLEGE OF ENGINEERING, MYSURU

### Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
1	SEPTEMBER			1	2	3	4	5		3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup> Semster : commencement of Online Classes
2		6	7	8	9	10	11	12		
3		13	14	15	16	17	18	19	Mahalaya Amavasya	
4		20	21	22	23	24	25	26		
5		27	28	29	30					
5	OCTOBER					1	2	3	Gandhi Jayanthi	
6		4	5	6	7	8	9	10		First I A for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
7		11	12	13	14	15	16	17		
							23	24		
9		25	26	27	28	29	30	31	Ayudha Pooja, Vijaya Dashami, Eid-Milad , Valmiki Jayanthi	
10	NOVEMBER	1	2	3	4	5	6	7	Kannada Rajyotsava	
11		8	9	10	11	12	13	14	Naraka Chaturdashi	Second IA for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
12		15	16	17	18	19	20	21	Balipadyami	Commencement of On-Campus Classes for Semseter 7.
13		22	23	24	25	26	27	28		
14		29	30							

Non Working Saturdays

## ATME COLLEGE OF ENGINEERING, MYSURU

### Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	DECEMBER			1	2	3	4	5	Kanakadasa Jayanthi	
15		6	7	8	9	10	11	12		
16		13	14	15	16	17	18	19		
17		20	21	22	23	24	25	26	Christmas	
18		27	28	29	30	31				Third IA for Semesters 3, 5 and 7
18	JANUARY						1	2		
19		3	4	5	6	7	8	9		LAB Internals for Semesters 3,5 and 7
20		10	11	12	13	14	15	16	Makra Sankranthi	Improvement IA for Semesters 3,5 and 7, LAST working day for ODD Sem 2020-21
21		17	18	19	20	21	22	23		Comencement of Odd Semester Practical Exams
22		24	25	26	27	28	29	30	Republic Day	
23		31								
23	FEBRUARY		1	2	3	4	5	6		End of Odd Semester Practical Exams
24		7	8	9	10	11	12	13		Commencement of Odd Semester Theory Exams
25		14	15	16	17	18	19	20		
26		21	22	23	24	25	26	27		
27		28								

Non Working Saturdays

No. Of Working Days	17	20	20	17	17	9	Total No. Of Working Days	100
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## ATME COLLEGE OF ENGINEERING, MYSURU

### Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	MARCH		1	2	3	4	5	6		
15		7	8	9	10	11	12	13	Mahashivaratri	
16		14	15	16	17	18	19	20		
17		21	22	23	24	25	26	27		25 <sup>th</sup> End of odd semester Theory exams, 26 <sup>th</sup> Mar 2021 Commencement of Even Semester
18		28	29	30	31					
18	APRIL					1	2	3	Good Friday	
19		4	5	6	7	8	9	10		
20		11	12	13	14	15	16	17	Chadramana Yugadi, Ambedkar Jayanthi	
21		18	19	20	21	22	23	24		
22		25	26	27	28	29	30		Mahavir Jayanthi	
23	MAY							1	May Day (Labour Day)	
23		2	3	4	5	6	7	8		
24		9	10	11	12	13	14	15	Idul-Fitr, Basava Jayathi	
25		16	17	18	19	20	21	22		
26		23	24	25	26	27	28	29		
27		30	31							

Non Working Saturdays

Sd-  
Dr. L Basavaraj  
Principal

# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (EVEN SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
1	APRIL					1	2	3		
2		4	5	6	7	8	9	10		
3		11	12	13	14	15	16	17		
4		18	19	20	21	22	23	24		Commencement of 4 <sup>th</sup> , 6 <sup>th</sup> and 8 <sup>th</sup> Semester Classes
5		25	26	27	28	29	30			
5	MAY							1	May Day	
6		2	3	4	5	6	7	8		
7		9	10	11	12	13	14	15	Basava Jayanthi, Ramzan	
8		16	17	18	19	20	21	22		
9		23	24	25	26	27	28	29		FIRST IA 4TH AND 6TH SEM
		30	31							
10	JUNE			1	2	3	4	5		
11		6	7	8	9	10	11	12		
12		13	14	15	16	17	18	19		
13		20	21	22	23	24	25	26		
14		27	28	29	30					

**Non Working Saturdays**

# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (EVEN SEMESTER, 2020-21)


WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	JULY					1	2	3		SECOND IA 4TH AND 6TH SEM
15		4	5	6	7	8	9	10		
16		11	12	13	14	15	16	17		
17		18	19	20	21	22	23	24	Bakrid	8 <sup>th</sup> Sem Last Working Day, 8 <sup>th</sup> Sem Theory Exam Begins
18		25	26	27	28	29	30	31		8 <sup>th</sup> Sem Theory Exam Ends, THIRD IA 4 <sup>th</sup> AND 6 <sup>th</sup> SEM
18	AUGUST	1	2	3	4	5	6	7		4 <sup>th</sup> and 6 <sup>th</sup> Sem Last Working Day, 8 <sup>th</sup> Sem Internship Viva Voce. LAB IA 4 <sup>th</sup> and 6 <sup>th</sup> Sem.
19		8	9	10	11	12	13	14		Practical Exams Starts for 4 <sup>th</sup> and 6 <sup>th</sup> Sem
20		15	16	17	18	19	20	21	Muharram	Practical Exams Ends for 4 <sup>th</sup> and 6 <sup>th</sup> Sem
22		29	30	31						
23	SEPTEMBER				1	2	3	4		
24		5	6	7	8	9	10	11	Ganesha Chathurthi	Theory Exams Starts for 4 <sup>th</sup> and 8 <sup>th</sup> Sem
25		12	13	14	15	16	17	18		
26		19	20	21	22	23	24	25	Non Working Saturdays	
27		26	27	28	29	30	31	32		
WORKING DAYS (8 <sup>th</sup> Sem)			14	14	13	13	13	6	73	
WORKING DAYS(4 <sup>th</sup> & 6 <sup>th</sup> )			16	16	15	16	16	7	86	Inclusive of IA tests and other activities

DEAN ACADEMICS  
DR. M S GOVINDE GOWDA

PRINCIPAL  
DR. L BASAVARAJ

Week No.	Month	Day						No. of Working Days	Activities	Particulars
		MON	TUE	WED	THU	FRI	SAT			
1	Sept		1 CB# RH	2 RH	3	4	5	4	Yajur-Upakarma Brahmashri Narayana Guruji Jayanthi	<ul style="list-style-type: none"> <li>CB# - Commencement of BE Odd Semester (3<sup>rd</sup>, 5<sup>th</sup> &amp; 7<sup>th</sup>) - (Online Classes)</li> <li>CB* - Commencement of On-Campus Classes for 7<sup>th</sup> Semester.</li> </ul>
2		7	8 RH	9	10	11	12	6	Kanya Mariamma Jayanti	
3		14	15	16	17 H	18	19	4	Mahalaya Amavasya	
4		21	22	23	24	25	26	6		
5	Sept / Oct	28	29	30	1	2 H	3	4	Gandhi Jayanthi	<ul style="list-style-type: none"> <li>IA1, IA2 &amp; IA3 - 1<sup>st</sup>, 2<sup>nd</sup> &amp; 3<sup>rd</sup> Internal Assessment</li> <li>IT – Improvement Test</li> <li>LIA - Lab Internal Assessment</li> <li>LWD - Last Working Day for BE</li> </ul>
6	Oct	5	6	7	8 IA1	9 IA1	10 IA1	6		
7		12	13	14	15	16	17 RH	5	Thula Sankramana Kaala	
8		19	20	21	22	23	24	6		
9		26 H	27	28	29	30 H	31 H	3	Vijayadasami Eid – Milad Valmiki Jayanthi	<p><b>To Be Planned :</b></p> <ul style="list-style-type: none"> <li>CR- Counseling Report</li> <li>RA – Result Analysis</li> <li>CP – CO PO Assessment and attainment</li> <li>IV – Industrial Visit</li> <li>TT – Technical Talk</li> <li>IOP – Industry outreach Program</li> <li>IC-National Conference</li> <li>AS- Attendance Status</li> <li>ASP – IA &amp; Attendance Status to Parents</li> <li>PTM - Parent Teacher Meeting</li> </ul>
10	Nov	2	3	4	5	6	7	5		
11		9	10	11 IA2	12 IA2	13 IA2	14 H	5	Naraka Chaturdashi	
12		16 H	17 CB*	18	19	20	21	4	Balipadyami	
13		23	24	25	26	27	28	6		
14	Nov / Dec	30 RH	1 RH	2	3 H	4	5	4	Guru Nanak Jayanti Huttari Kanakadasa Jayanthi	<ul style="list-style-type: none"> <li>AS- Attendance Status</li> <li>ASP – IA &amp; Attendance Status to Parents</li> <li>PTM - Parent Teacher Meeting</li> </ul>
15	Dec	7	8	9	10	11	12	6		
16		14	15	16	17	18	19	4		
17		21	22	23	24 RH	25 H	26	5	Christmas Eve Christmas	
18	Dec / Jan	28 IA3	29 IA3	30 IA3	31	1	2	6		
19	Jan	4 LIA	5 LIA	6 LIA	7 LIA	8 LIA	9 LIA	6	Lab Internals From 04-01-21 to 09-01-21	<ul style="list-style-type: none"> <li>AS- Attendance Status</li> <li>ASP – IA &amp; Attendance Status to Parents</li> <li>PTM - Parent Teacher Meeting</li> </ul>
20		11 IT	12 IT	13 IT	14 H	15 IT	16 LWD	5	Makara Sankranti Last Working Day	
21		18	19	20	21	22	23	6	VTU Practical Exam from 21-01-21 to 02-02-21	
22		25	26 H	27	28	29	30	5	Republic Day	
23	Feb	1	2	3	4	5	6	6	VTU Theory Exam from 08-02-21 to 05-03-21	
24		8	9	10	11	12	13	6		

Particulars	Date as Planned on	Date Done on
Commencement Of Online Classes	Sept 1 <sup>st</sup> 2020	As Planned
Commencement Of Offline Classes	Oct 1 <sup>st</sup> 2020	Continuation of Online Classes
Commencement Of On – Campus Offline Classes for 7 <sup>th</sup> Semester	17 <sup>th</sup> Nov 2020	As Planned
Technical Talk	( Online )	22 <sup>nd</sup> Oct 2020 19 <sup>th</sup> Nov 2020
Webinar Series	( Online )	14 <sup>th</sup> – 18 <sup>th</sup> July 2020 21 <sup>st</sup> – 22 <sup>nd</sup> July 2020 3 <sup>rd</sup> - 6 <sup>th</sup> Aug 2020
Industrial Visit	( Online – Virtual Tour Plant )	17 <sup>th</sup> Oct 2020
Parents Teacher Meeting	*****	14 Oct 2020 Online for 7 <sup>th</sup> Sem Regarding Placements TCS
I <sup>st</sup> Internal Test (Online)	8 , 9 & 10 Oct 2020	10 Oct 20 - IA postponed to 12 Oct 20 due to College 10 <sup>th</sup> Anniversary
II <sup>nd</sup> Internal Test (Online)	11 , 12 & 13 Nov 2020	11 Oct 20 – IA postponed to 17 Oct 20 due to ATMECE-FDP on Importance of NAAC in HEI
III <sup>rd</sup> Internal Test (Online)	28, 29 & 30 Dec 2020	As Planned
Lab Internal Test (Offline)	04 – 09 Jan 2021 (5,7) 26/02/21 to 03/03/21 (3)	Conducted from 13 <sup>th</sup> – 16 <sup>th</sup> Jan 2021 for 5 <sup>th</sup> & 7 <sup>th</sup> Sem Conducted from 26 <sup>th</sup> Feb to 02 <sup>nd</sup> Mar 2021 for 3 <sup>rd</sup> Sem
Improvement IA (Online)	11 – 15 Jan 2021	Conducted from 11 <sup>th</sup> – 16 <sup>th</sup> Jan 2021 for 5 <sup>th</sup> & 7 <sup>th</sup> Sem
Last Working Day	Jan 16 <sup>th</sup> 2021 Mar 10 <sup>th</sup> 2021	As Planned for 5 <sup>th</sup> and 7 <sup>th</sup> Sem As Planned for 3 <sup>rd</sup> Sem

  
**DEPARTMENT OF CIVIL ENGINEERING**  
**ATME COLLEGE OF ENGINEERING**  
**MYSORE-570028**

Week	Month	Day						No. of Working Days	Activities	Particulars
No.		MON	TUE	WED	THU	FRI	SAT			
1	Apr	19 CB	20	21	22	23	24	6		<ul style="list-style-type: none"><li>• CB - Commencement of BE Even Semester</li><li>• IA1, IA2 &amp; IA3 - 1<sup>st</sup>, 2<sup>nd</sup> &amp; 3<sup>rd</sup> Internal Assessment</li><li>• IT – Improvement Test</li><li>• LIA - Lab Internal Assessment</li><li>• LWD - Last Working Day for BE</li></ul> <p><b><u>To Be Planned :</u></b></p> <ul style="list-style-type: none"><li>• CR- Counseling Report</li><li>• RA – Result Analysis</li><li>• CP – CO PO Assessment and attainment</li><li>• IV – Industrial Visit</li><li>• TT – Technical Talk</li><li>• IOP – Industry outreach Program</li><li>• IC-National Conference</li><li>• AS- Attendance Status</li><li>• ASP – IA &amp; Attendance Status to Parents</li><li>• PTM - Parent Teacher Meeting</li></ul>
2	Apr / May	26	27	28	29	30	1 H	5	May Day	
3	May	3	4	5	6	7	8	6		
4		10	11	12	13	14 H	15	5	Basava Jayanthi Akshaya Tritiya, Khutub-E-Ramzan	
5		17 RH	18	19	20	21	22	6	Shankaracharya Jayanthi	
6		24	25	26 RH	27	28	29	6	Buddha Poornima	
7	May / Jun	30	31	1	2	3	4	6		
8	Jun	7	8	9	10	11	12	6		
9		14	15	16	17	18	19	6		
10		21	22	23	24	25	26	6		
11	Jun / Jul	28	29	30	1	2	3	6		
12	Jul	5	6	7	8	9	10	6		
13		12	13	14	15	16	17	6		
14		19	20	21 H	22	23	24	5	Bakrid	
15		26	27	28	29	30	31	6		
16	Aug	2	3	4	5	6	7	6		
17		9	10	11	12	13	14 LWD	6	Last Working Day VTU Practical Exam from 09-08-21 to 19-08-21	
18		16	17	18	19	20 H	21 RH	5		
19		23	24	25	26	27	28	6	Moharram Last Day	
20	Aug / Sep	30	31	1	2	3	4	6	VTU Theory Exam from 23-08-21 to 09-09-21	
21	Sep	6	7	8	9	10	11	6		

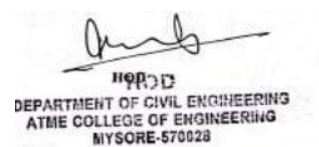


Particulars	Date as Planned on	Date Done on
Commencement Of Online Classes	19th Apr 2021	19th Apr 2021
Commencement Of Offline Classes	NA	NA
Technical Talk	***	05, 12, 14, 18, 19 June 2021
STTP	***	15 <sup>th</sup> – 30 <sup>th</sup> Mar 2021
Parents Teacher Meeting	***	***
I <sup>st</sup> Internal Test (Online)	***	07 <sup>th</sup> to 09 <sup>th</sup> June 2021 (4 <sup>th</sup> , 6 <sup>th</sup> , & 8 <sup>th</sup> Sem)
II <sup>nd</sup> Internal Test (Online)	***	05 <sup>th</sup> & 07 <sup>th</sup> July 2021 ( 8 <sup>th</sup> Sem) 29 <sup>th</sup> – 31 <sup>st</sup> July 2021 ( 4 <sup>th</sup> , 6 <sup>th</sup> Sem)
III <sup>rd</sup> Internal Test (Online)	***	17 <sup>th</sup> & 19 <sup>th</sup> July 2021 (8 <sup>th</sup> Sem) 09 <sup>th</sup> - 11 <sup>th</sup> Aug 2021 ( 4 <sup>th</sup> , 6 <sup>th</sup> Sem)
Lab Internal Test (Online)	***	
Improvement IA (Online)	***	NA
Last Working Day	20 <sup>th</sup> July 2021 14 <sup>th</sup> Aug 2021	As Planned for 8 <sup>th</sup> Sem As Planned for 4 <sup>th</sup> , 6 <sup>th</sup> Sem

COVID 19 – Lockdown : - 28<sup>th</sup> Apr 2021 to 25<sup>th</sup> June 2021

Covid 19 Vaccination Drive : - (1) 30<sup>th</sup> June 2021

(2) 07<sup>th</sup> July 2021



Date	Semester					
	3		5		7	
	Morning Session (10:00 A.M- 11:30 A. M)	Afternoon Session (2:30 P.M-4:00 P.M)	Morning Session (10:00 A.M- 11:30 A.M)	Afternoon Session (2:30 P. M-4:00 P.M)	Morning Session (10:00 A.M- 11:30 A.M)	Afternoon Session (2:30 P. M-4:00 P.M)
11-Nov-2020	18MAT31	18CV32	18CV51	18CV52	17CV71	17CV72
12-Nov-2020	18CV33	18CV34	18CV53	18CV54	17CV73	17CV742
13-Nov-2020	18CV35	18CV36	18CV55	18CV56	17CV753	

  
**HOD**

Department of Civil Engineering  
 ATME College of Engineering  
 Mysore-570 028

  
 Dean Academics

  
**Principal**  
**PRINCIPAL**

ATME College of Engineering  
 4th KM, Mysuru-Kanakapura-Bangalore Road  
 Melihalli, Mysuru-570028



**Department of Civil Engineering**  
**ONLINE IA-3 TIMETABLE (EVEN SEMESTER)**



Date	Semester			
	4		6	
	Morning session (10:00AM-11.30 AM)	Afternoon session (2:30PM-4.00 PM)	Morning session (10:00AM-11.30 AM)	Afternoon session (2:30PM-4.00 PM)
09.08.2021	18CV44	18CV43	18CV61	18CV62
10.08.2021	18CV46	18CV42	18CV63	18CV643/645
11.08.2021	18MAT41	18CV45	-	18ME654/18EE653

*[Signature]* B J  
03/08/2021  
**HOD**

Department of Civil Engineering  
ATME College of Engineering  
Mysore-570 028

*[Signature]* 03/8/21  
Dean Academics

*[Signature]* 03/8/21  
Principal

**PRINCIPAL**  
ATME College of Engineering  
KM, Mysuru-Kanakapura-Bangalore Road  
Mellahalli Mysuru-570028

## DEPARTMENT OF CIVIL ENGINEERING

Date :1-8-2020

### CIRCULAR

Vertical head at the department has been identified for reviewing of Internal test question papers. All the faculties are hereby informed to prepare two sets of Question papers adhering the Revised Blooms Taxonomy Levels. The question papers are to be approved by the vertical head before the commencement of test process.

Below are the list of faculties identified under different specialization.

Vertical Heads @ Department					
Structural Engineering	Geotechnical Engineering	Remote sensing and GIS	Concrete Technology	Highway Engineering	Environmental Engineering
Dr. Syed Shakeeb ur Rahman	Mrs. Jyothi D N	Dr. Akshaya B J	Mr. Mandeep G	Mr. Rudresh A N	Dr. Suneeth Kumar S M
Mr. Manu Vijay	Mr. Puneeth K	Ms. Namitha A P	Mrs. Shruthi H G	Mrs. Bharathi B	Mrs. Shruthi H G
Mr. Srivathsa H U	Mrs. Shruthi H G		Mr. Manu Vijay		Mr. Rudresh A N
Mr. Shashank P			Mr. Srivathsa H U		Mr. Mandeep G
Mr. Mandeep G			Mrs. Jyothi D N		
Mrs. Jyothi D N			Mr. Puneeth K		
Mr. Puneeth K			Mr. Shashank P		
Mrs. Shruthi H G					



**HOD**

**HOD**  
Department of Civil Engineering  
ATME College of Engineering  
Mysuru-570028

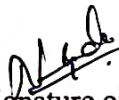
**Internal Assessment – 1**

<b>Subject Code</b>	<b>:</b>	<b>18CV36</b>	<b>Time</b>	<b>:</b>	<b>12:00 – 01:30 PM</b>
<b>Subject</b>	<b>:</b>	<b>Engineering Geology</b>	<b>Date</b>	<b>:</b>	<b>02.02.2021</b>
<b>Semester/Sec</b>	<b>:</b>	<b>III/ B</b>	<b>Max. Marks</b>	<b>:</b>	<b>50</b>
<b>Part – A</b>					
<b>Answer any three full Questions</b>				<b>Marks</b>	<b>CO BTL</b>
<b>1</b>	<b>(a)</b>	i. The crust is made up of ..... (a) SiAl (b) SiMg (c) silica (d) Aluminium ii. The passionate attraction of any object which can be seen with the naked eye is known as..... (a) Streak (b) colour (c) texture (d) All the above	<b>2M</b>	<b>1</b>	<b>L2</b>
	<b>(b)</b>	What is Geology? Explain the Importance/application of Geology in Civil Engineering.	<b>8M</b>		
<b>2</b>	<b>(a)</b>	i. Geology deals with ancient life of animals and plants. .... (a) Geomorphology (b) paleontology (c) pedology (d) petrology ii. The Polar diameter of the earth is about ..... (a) 12,100 kms (b) 12,000 kms (c) 12,713 kms (d) 12,755 kms	<b>2M</b>	<b>1</b>	<b>L3</b>
	<b>(b)</b>	Explain the internal structure of the Earth with a neat labeled diagram	<b>8M</b>		
<b>3</b>	<b>(a)</b>	i. The hardness of gypsum is..... (a) 2 (b) 9 (c) 1 (d) 6 ii. The composition of Calcite is ..... (a) MgCo <sub>3</sub> (b) CaCo <sub>3</sub> (c) Co <sub>3</sub> (d) Mg Ca (Co <sub>3</sub> ) <sub>2</sub>	<b>2M</b>	<b>1</b>	<b>L3</b>
	<b>(b)</b>	What is a mineral? Explain the following physical properties of minerals. a) Hardness b) Cleavage c) Luster d) Streak	<b>8M</b>		
<b>4</b>	<b>(a)</b>	i. The property of Hardness is measured by ..... (a) Richter's scale (b) Volume (c) Mohr's scale (d) All the above ii. The central part of the Earth or Core is in .....state (a) Plastic (b) Liquid (c) Solid (c) Molten	<b>2M</b>	<b>1</b>	<b>L2</b>
	<b>(b)</b>	Write the physical properties of Quartz and Mica group of minerals.	<b>8M</b>		

<b>Part – B</b>					
<b>Answer any two full Questions</b>					
<b>5</b>	<b>(a)</b>	i. Magma erupts out on the Earth's surface due to volcanic activities is called as a) magma b) lava c) liquid d) gaseous materials ii. More or less rounded or ellipsoidal hollows in the form of vertical shafts are a) Pothole b) Gorges c) Valley d) lake	<b>2M</b>	<b>2</b>	<b>L2</b>
	<b>(b)</b>	What are igneous rocks and explain the field classifications of igneous rock?	<b>8M</b>		
<b>6</b>	<b>(a)</b>	i. The broken fragments of pre-existing rocks ranging in size from minute clay particles to very large boulders are known as a) Clastic sediments b) non clastic sediments c) cataclastic sediments d) sediments ii. The rock bodies are those where magma is injected and cooled along the stratification (layers) of intruded rock. a) Concordant bodies b) discordant bodies c) bosses d) sill	<b>2M</b>	<b>2</b>	<b>L2</b>
	<b>(b)</b>	What are sedimentary rocks? Explain primary structure of sedimentary rocks	<b>8M</b>		
<b>7</b>	<b>(a)</b>	i. These soils are formed far away from the original parent rock. a) laterite soil b) desert soil c) Transported soil d) black soil ii. The combined effects of weathering and erosion which exposed fresh Surface of the land is called as a) Denudation b) Erosion c) Eruption d) Exposure	<b>2M</b>	<b>2</b>	<b>L2</b>
	<b>(b)</b>	Define soil formation and explain the soil profile.	<b>8M</b>		



CO-1	1. To understand the internal structure and composition of the earth.
CO-2	2. To comprehend the properties, occurrence and uses of minerals in various industries.
CO-3	3. To learn about geo-morphological agents such as river, wind, sea waves, and their Applications in implementing civil engineering projects.
CO-4	4. To gain knowledge about the structures of the rocks and their considerations in the selection of site for dams, tunnels, bridges and highways.
CO-5	5. To learn the application of Topographic maps, remote sensing and GIS in Civil engineering practices and natural resource management.

  
 Name & Signature of Course Coordinator

  
 HOD Signature

Bloom's Taxonomy Level	
L1	Remembering
L2	Understanding
L3	Applying
L4	Analyzing
L5	Synthesizing
L6	Evaluating

Subject Name: Engineering geology.  
Faculty Name: Alamitha. A.P

Subject Code: 18CN36  
IA Number: IA-1

CO1	To understand the internal structure and composition of the earth.
CO2	To comprehend the properties, occurrence and uses of minerals in various industries.
CO3	To learn about geo-morphological agents such as river, wind, sea waves and their applications.
CO4	To gain knowledge about the structures of the rocks and their considerations in the selection of site.
CO5	To learn the application of topographic maps, remote sensing and GIS in civil engineering practices.
CO6	

Revised Bloom's Taxonomy Levels

L1: Remembering L2: Understanding L3: Applying L4: Analyzing L5: Evaluating L6: Creating

No	Solution	Marks	COs	BTL
1a	SiAl colours.	2		
b.	Geology is the science which deals with the study of the Earth. * Geology provides a systematic knowledge of construction material, its occurrence, composition, durability and other properties. * The knowledge of geological work of natural agencies such as water, ice, wind and earthquake helps in planning and carrying out major civil engineering work. * The foundation problems of dams, bridges and buildings are directly concern with the geology of the area where they are to be built.	8		

*[Signature]*

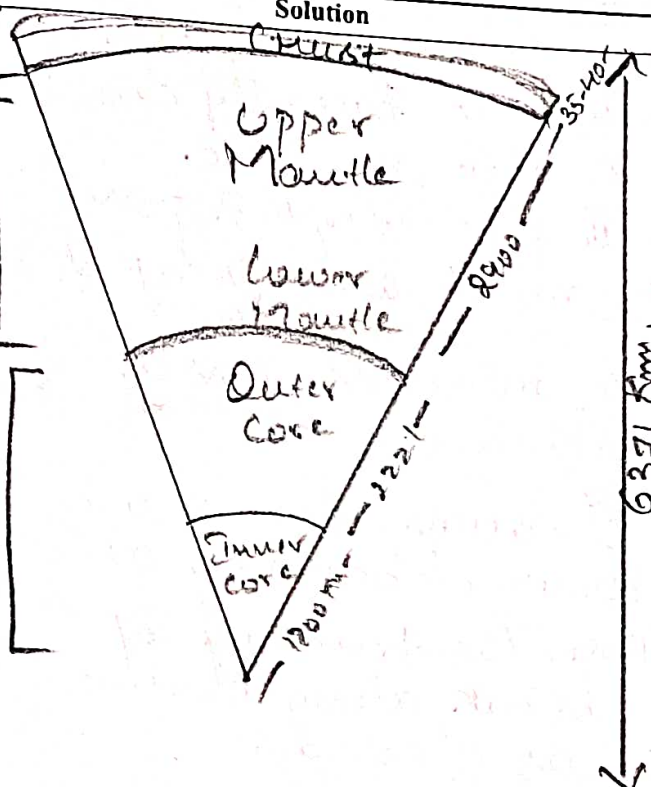


No	Solution	Marks	COs
	<p>* Geology helps greatly in interpreting the drilling data.</p> <p>* Ground water is the water which occurs in the subsurface rocks.</p> <p>* In tunneling, constructing roads, canals, docks and in determining stability of cuts and slopes, the knowledge about the nature and structure of rocks is very necessary.</p>		1 1/2
2a	<p><u>Paleontology</u> 12.713</p>	2	
b.	<p><u>Crust</u> - It is the uppermost shell of the earth and the Mohorovicic discontinuity marks its lower boundary. The crust has a variable thickness, being 35-70 km thick in the continents and 5-10 km thick in the ocean basins.</p> <p><u>Mantle</u> - It is the second concentric shell of the earth that lies beneath the crust. This zone extends up to a depth of 2900 km and it is separated into the upper and lower mantle. This zone is characterised with a high density that increases with depth.</p> <p><u>Core</u> - It separates from the mantle by Gutenberg discontinuity and extends upto the centre of the earth. The core is divided into 2 parts, i.e. Inner core, Outer core.</p>	8M	1 1/2

Signature of Faculty

Signature of the HOD



	Solution	Marks	COs	BTL
<p>5000°C 1000-4000°C Mantle 4-5000°C Cone 6000°C 3a 2 CaCO<sub>3</sub></p>		2M		
<p>b. Minerals are defined as naturally occurring inorganic substance with a definite chemical composition, internal structure and physical properties.</p> <p>* <u>Streak</u> - Colour of a mineral refers to the actual colour of a mass. Streak refers to the colour of its fine powder. Majority of the minerals possess the streak identical to their colour in some cases the colour is different from its streak.</p> <p>Ex:- Chalco-pyrites - possess dark brown yellow colour with typically cherry red colour</p>		8M	1	3

Signature of Faculty

Signature of the HOD

No	Solution	Marks	COs
	<p>* <u>Lusture</u> - It refers to the shine under reflected light, lusture is broadly classifed as *</p> <ul style="list-style-type: none"> <li>* Metallic</li> <li>* Non-metallic.</li> </ul> <p>All ore minerals with few exception posses shining, similar to metal which is defined as metallic.</p> <p>Lustre non-metallic minerals posses different types of shine. as.</p> <p>* <u>Cleavage</u> - The cleavage planes are developed due to weaker boundary at the time of formation. The tendency of certain minerals to break along certain direction is termed as cleavage.</p> <p>* <u>Fracture</u> - It refers to the nature of broken surface. this property can be clearly observed in minerals, when the cleavage are absent. In some cases the minerals posses smooth broken surface known as even fracture.</p> <p>Ex. Chalydony, opal.</p>		
4a.	<p>Mohr's scale</p> <p>Solid.</p>	24	1
b.	<p>Quartz group.</p> <p>Form - Granular</p> <p>Colour - Milky white, Rose, Gray.</p> <p>Stream - Colourless.</p>		3

Signature of Faculty

Signature of the HOD



Solution

Marks

COs

BTL

Luster - Vitreous  
 Cleavage - Absent  
 Fracture - Conchoidal to uneven  
 Hardness - 7  
 Specific Gravity - low to medium  
 Chemical Composition -  $\text{SiO}_2$   
 Occurrence - Widely distributed all over  
 India occurs in Beach and River sand.

Properties	Biotite Mica	Muscovite Mica
Form	Foliated	Foliated
Colour	Black	White
Streak	Colourless	Colourless
Diaphaneity	Translucent	Translucent
Lustre	Pearly	Pearly
Cleavage	Present	Present
Fracture	Even	Even
Hardness	Medium	Medium
Sp. gr.	Medium	Medium.
Chemical Comp.	Silicate of Mg, Fe, Al and K with $\text{OH}^-$ ions.	Silicate of Al & K
Occurrence	Occurs in igneous rocks and metamorphic rocks.	Occurs in igneous and metamorphic rocks.
Uses	Lightweight concrete	Used as an insulating material in electrical apparatus.

8M

Signature of Faculty

Signature of the HOD

No	Solution	Marks	Gr																
5a.	Ques Pottiole	2M																	
b.	<p>Igneous rocks are formed by cooling and consolidation of magma.</p> <p>Classification of igneous rocks.</p> <p>Field classification. (Based on mode of Occurrence). The four main bases of classifications are:</p> <ul style="list-style-type: none"> <li>* Chemical classification</li> <li>* Textural classification</li> <li>* Classification based on mineral content</li> <li>* Tabular classification.</li> </ul> <p>1. <u>Chemical classification</u> - it is based on chemical analysis of different rocks.</p> <table border="1"> <thead> <tr> <th>Silica minerals</th> <th>Femic minerals</th> </tr> </thead> <tbody> <tr> <td>Quartz</td> <td>Diopside</td> </tr> <tr> <td>Albite</td> <td>Hypersthene</td> </tr> <tr> <td>Anorthite</td> <td>Olivine</td> </tr> <tr> <td>Leucite</td> <td>Magnetite</td> </tr> <tr> <td>Nepheline</td> <td>Ilmenite</td> </tr> <tr> <td>Corundum</td> <td>Hematite</td> </tr> <tr> <td>Zircon</td> <td>Apatite.</td> </tr> </tbody> </table> <p>2. <u>Textural classification</u> - Textural classification express the conditions under which cooling took place. i.e. the geological</p>	Silica minerals	Femic minerals	Quartz	Diopside	Albite	Hypersthene	Anorthite	Olivine	Leucite	Magnetite	Nepheline	Ilmenite	Corundum	Hematite	Zircon	Apatite.	8M	C <sub>2</sub> L <sub>2</sub>
Silica minerals	Femic minerals																		
Quartz	Diopside																		
Albite	Hypersthene																		
Anorthite	Olivine																		
Leucite	Magnetite																		
Nepheline	Ilmenite																		
Corundum	Hematite																		
Zircon	Apatite.																		

Signature of Faculty

Signature of the HOD



Solution

Marks

COs

BTL

occurrence. \* The volcanic rocks are formed from the lava erupted at surface and solidified under low pressure, with loss of volatile constituents with rapid cooling from high temp. \* Hypabyssal rocks are of intermediate type, formed at shallow depths. The hypabyssal group include rocks of dyke, Sills etc.

a. Clastic Sediments  
Concordant bodies

2M

b. Sedimentary rocks are those which have been formed out of sediments. Sedimentary are the rock fragments which are the products of weathering of pre-existing rocks.

Sedimentary structures:-

- \* Stratification or Bedding
- \* Lamination
- \* Cross bedding
- \* Ripple marks.
- \* Graded bedding
- \* Mud cracks
- \* Rain print
- \* Tracks and Trails
- \* Concretions
- \* River Delta
- \* Other features: GOMs

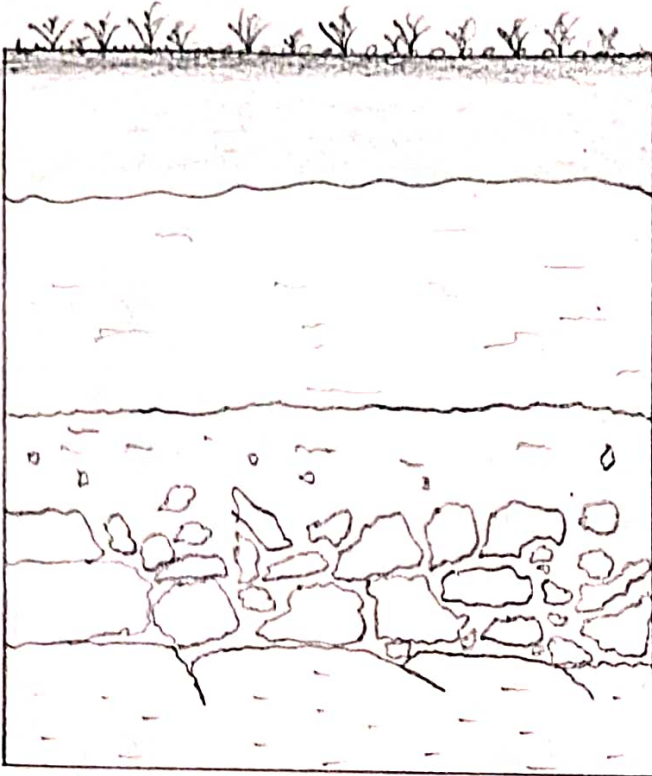
8M

CO<sub>2</sub>

L<sub>2</sub>

Signature of Faculty

Signature of the HOD

No	Solution	Marks	COs	BTL
70	Transported Soil Denudation.	2m		
80	 <p>O Horizon - Humus</p> <p>A Zone of leaching</p> <p>B Zone of accumulation of humus</p> <p>C Horizon</p> <p>E Weathered rock</p> <p>D parent material</p> <p>A vertical section from the surface down to the bedrock reveals various layers, the identification of which is termed as a soil profile. A typical soil profile is shown in the figure below. Pedologists have identified the layers of soil profile, and designated them as O, A, B, C, and D horizons.</p> <p>A horizon - The A horizon is the top layer.</p> <p>B horizon - B horizon is commonly referred to as subsoil.</p> <p>C horizon - It is the basal zone characterized by coarse grained texture.</p> <p>D horizon - It is a solid rock horizon in which no vegetal matter occurs.</p>	8m	Q2	h

Signature of Faculty

Signature of the HOD



## Department of Civil Engineering

Brings to You Technical Talk on

***“Concepts on Industrial Structures”***

**19<sup>th</sup> November 2020**

***Timings: - From 12:15 PM – 02:00 PM***

### ***Resource Person***

**Mr. Satish Jatwani**, *Director and Training Head, EZ Engineers, Pvt. Ltd*

### **Convener**

**Mr. Manu Vijay**

*HOD & Associate Professor*

*Dept. of Civil Engineering*

*ATMECE, Mysuru*



### **Faculty Co-ordinator**

**Mr. Shashank P**

*Assistant Professor*

*Dept. of Civil Engineering*

*ATMECE, Mysuru*

***Join Meeting***



## **REPORT ON ONE DAY TECHNICAL TALK ON “Concepts on Industrial Structures”**

Organized by  
Department of Civil Engineering, ATMECE, Mysuru

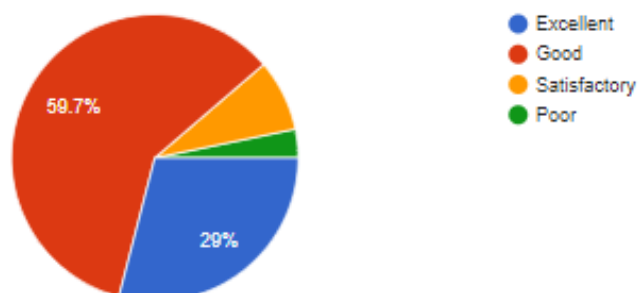
Department of Civil engineering organized one day technical talk on **“Concepts on Industrial Structures” on 19.11.2020** for the benefit and upgradation of student knowledge level in the field of structural engineering.

Mr Satish Jatwani, Director and Training Head , EZ Engineers,Pvt. Ltd , delivered the importance of Industrial Structures and complication faced in the Civil Engineering field. The purpose of the study is to justify or refute the hypothesis about influence of progressiveness of the industrial structure on sustainable economic development and quality of life of the population. The section aims at developing a conceptual framework to analyse the pervasive processes of structural transformation that have accompanied modern economic growth. The importance of Designing the structural components and maintainance of the structure by proper designing and having safety measures while construction.

## Feedback

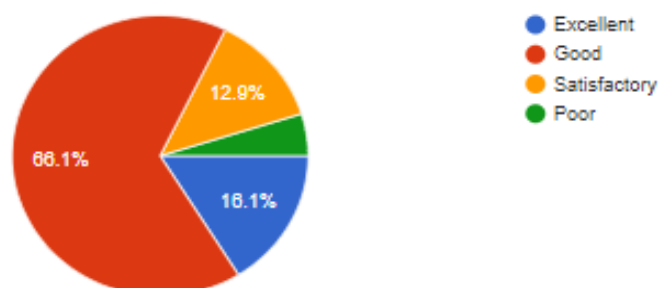
How organised was the session

62 responses



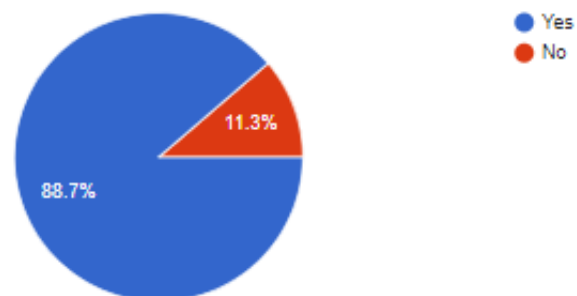
How did the session compared to your expectation

62 responses



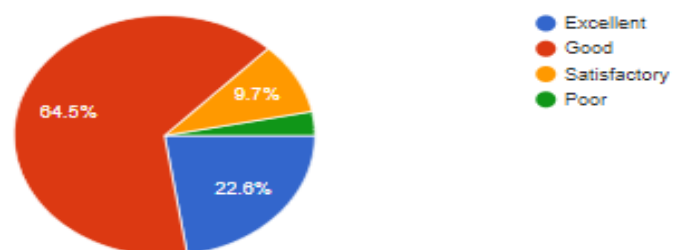
Did the session improve your subject skills

62 responses



Overall how do you rate today's session

62 responses



**ATME College of Engineering**

**C1.1.2 - The institution adheres to the academic calendar including for the conduct of CIE**

**Supporting Documents**

**Index**

Sl. No.	Academic Year	Particulars
1	<b>2020-21</b>	Academic Calendar- VTU
2		Academic Calendar- College
3		Academic Calendar- Department
4		Adherence Report
5		Sample IA Test Circular, Attendance & QP
6		Event - Report



# A T M E

College of Engineering



## Department of Electrical & Electronics Engineering

**ATME COLLEGE OF ENGINEERING**

13<sup>th</sup> Kilometer, Mysore-Kanakapura-Bangalore Road, Mysore – 570 028 P : 0821-2593335 F: 0821-2593328

Email: [info@atme.in](mailto:info@atme.in), Web : [www.atme.in](http://www.atme.in)



# 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/Academic/A9/2020-21/ **5086**

Dated: **- 5 JAN 2021**

## REVISED - NOTIFICATION

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students for the academic year 2020-21.

**Reference:**

1. VTU/BGM/SO2/2020-21/4162, dated 04.12.2020
2. Approval of Hon'ble Vice-Chancellor dated 05.01.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 is hereby notified as enclosed. The Principals of All Colleges of Engineering are hereby informed to bring the contents of this Notification to the notice of all the concerned.

Sd/-  
**REGISTRAR**

To,

1. The Principals of all Engineering Colleges under the ambit of VTU.

Copy to:

1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
3. Regional Directors of all Regional Offices of VTU.
4. The Special Officers of Academic Section of VTU, Belagavi.
5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

**2.5.1.21**  
**REGISTRAR**

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

	<b>REVISED</b> dates for Regular & Lateral Entry III Semester B.E./B.Tech. students
Commencement of ODD Semester	01.09.2020
Last Working day of ODD Semester	27.02.2021
Theory Examinations	06.03.2021 To 24.03.2021
Practical Examinations	25.03.2021 To 31.03.2021
Internship	---
Internship Viva-Voce	---
Professional training / Organization study	---
Commencement of EVEN Semester	01.04.2021

- 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**.

05.1.21  
**REGISTRAR**

VBM (A)





# 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/Academic/A9/2020-21/ 5146

Dated: 6 JAN 2021

## CORRIGENDUM

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students for the academic year 2020-21.

**Reference:**

1. VTU/BGM/Academic/A9/2020-21/5086, dated 05.01.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 was notified vide the reference mentioned (1). In case 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 Principals of all Autonomous Colleges of Engineering are hereby informed to bring the contents of this circular to the notice of all the concerned.

Sd/-  
REGISTRAR

To,

1. The Principals of all Autonomous Engineering Colleges under the ambit of VTU.

Copy to:

1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
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6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

06.01.21  
REGISTRAR

VS

27



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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

## Visvesvaraya Technological University

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

"Jnana Sangama" Belagavi-590018, Karnataka, India

Phone: (0831) 2498100, Fax: (0831) 2405467, Website: vtu.ac.in

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

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/Academic/SO2/2020-21/6416

Dated: -11 MAR 2021

### REVISED - NOTIFICATION

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students of B.E./ B.Tech., for the academic year 2020-21.

#### Reference:

1. VTU/BGM/SO2/2020-21/4162, dated 04.12.2020
2. VTU/BGM/Academic/SO2/2020-21/5086, dated 05.01.2021
3. Approval of Hon'ble Vice-Chancellor dated 01.03.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 is hereby notified as enclosed.

The Principals of All Colleges of Engineering are hereby informed to bring the contents of this Notification to the notice of all the concerned.

Sd/-  
REGISTRAR

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5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

  
REGISTRAR  
7/11

**Revised Academic Calendar of VTU, Belagavi  
for III Semester B.E./B.Tech. of 2020-21**

	<b>REVISED</b> dates for Regular & Lateral Entry III Semester B.E./B.Tech. students
Commencement of ODD Semester	<b>01.09.2020</b>
Last Working day of ODD Semester	<b>10.03.2021</b>
Theory Examinations	<b>15.03.2021 To 31.03.2021</b>
Practical Examinations	<b>05.04.2021 To 09.04.2021</b>
Internship	---
Internship Viva-Voce	---
Professional training / Organization study	---
Commencement of EVEN Semester	<b>12.04.2021</b>

- 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
- The faculty/staff shall be available to undertake any work assigned by the university.
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**REGISTRAR**  
7/13/21





# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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

## Visvesvaraya Technological University

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

"Jnana Sangama" Belagavi-590018, Karnataka, India

Phone: (0831) 2498100, Fax: (0831) 2405467, Website: vtua.ac.in

Phone: (0831) 2498100

Fax: (0831) 2405467

Registrar

Ref: VTU/BGM/BOS/A9/2020-21 /6652

Date: 12 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

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

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

Rangana B.1

REGISTRAR 12/03/21

7



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"ವಿಷಯ ಅಧಿನಿಯಮ ೧೯೯೪"ರ 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.

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/BOS/A9/2020-21 / 345

Date:

21 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.
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6. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

21.4.2021.  
REGISTRAR  
[Signature]



## 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
	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021
Commencement of EVEN Semester	07.08.2021	07.08.2021	07.08.2021	07.08.2021	#20.07.2021	#20.07.2021	07.08.2021
Last Working day of EVEN Semester	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	---	---	---	---
Practical 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
Theory Examinations	---	---	---	---	---	---	---
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

21



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ-೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

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Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/BOS/A9/2020-21 / 345

Date:

21 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.
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6. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

21.4.2021.  
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
	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021
Commencement of EVEN Semester	07.08.2021	07.08.2021	07.08.2021	07.08.2021	#20.07.2021	#20.07.2021	07.08.2021
Last Working day of EVEN Semester	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	---	---	---	---
Practical 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
Theory Examinations	---	---	---	---	---	---	---
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.
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21.04.2021

REGISTRAR

21

## ATME COLLEGE OF ENGINEERING, MYSURU

### Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
1	SEPTEMBER			1	2	3	4	5		3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup> Semester : commencement of Online Classes
2		6	7	8	9	10	11	12		
3		13	14	15	16	17	18	19	Mahalaya Amavasya	
4		20	21	22	23	24	25	26		
5		27	28	29	30					
5	OCTOBER					1	2	3	Gandhi Jayanthi	
6		4	5	6	7	8	9	10		First I A for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
7		11	12	13	14	15	16	17		
8		18	19	20	21	22	23	24		
9		25	26	27	28	29	30	31	Ayudha Pooja, Vijaya Dashami, Eid-Milad, Valmiki Jayanthi	
10	NOVEMBER	1	2	3	4	5	6	7	Kannada Rajyotsava	
11		8	9	10	11	12	13	14	Naraka Chaturdashi	Second I A for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
12		15	16	17	18	19	20	21	Balipadyami	Commencement of On-Campus Classes for Semester 7.
13		22	23	24	25	26	27	28		
14		29	30							

Non Working Saturdays

# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	DECEMBER			1	2	3	4	5	Kanakadasa Jayanthi	
15		6	7	8	9	10	11	12		
16		13	14	15	16	17	18	19		
17		20	21	22	23	24	25	26	Christmas	
18		27	28	29	30	31				Third IA for Semesters 3, 5 and 7
18	JANUARY						1	2		
19		3	4	5	6	7	8	9		LAB Interenals for Semesters 3,5 and 7
20		10	11	12	13	14	15	16	Makra Sankranthi	Improvement IA for Semesters 3,5 and 7, LAST working day for ODD Sem 2020-21
21		17	18	19	20	21	22	23		Comencement of Odd Semester Practical Exams
22		24	25	26	27	28	29	30	Republic Day	
23		31								
23	FEBRUARY		1	2	3	4	5	6		End of Odd Semester Practical Exams
24		7	8	9	10	11	12	13		Commencement of Odd Semester Theory Exams
25		14	15	16	17	18	19	20		
26		21	22	23	24	25	26	27		
27		28								

Non Working Saturdays

No. Of Working Days	17	20	20	17	17	9	Total No. Of Working Days	100
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# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	MARCH		1	2	3	4	5	6		
15		7	8	9	10	11	12	13	Mahashivaratri	
16		14	15	16	17	18	19	20		
17		21	22	23	24	25	26	27		25 <sup>th</sup> End of odd semester Theory exams, 26 <sup>th</sup> Mar 2021 Commencement of Even Semester
18		28	29	30	31					
18	APRIL					1	2	3	Good Friday	
19		4	5	6	7	8	9	10		
20		11	12	13	14	15	16	17	Chadramana Yugadi, Ambedkar Jayanthi	
21		18	19	20	21	22	23	24		
22		25	26	27	28	29	30		Mahavir Jayanthi	
23	MAY							1	May Day (Labour Day)	
23		2	3	4	5	6	7	8		
24		9	10	11	12	13	14	15	Idul-Fitr, Basava Jayathi	
25		16	17	18	19	20	21	22		
26		23	24	25	26	27	28	29		
27		30	31							

Non Working Saturdays

Sd-  
Dr. L Basavaraj  
Principal

# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (EVEN SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
1	APRIL					1	2	3		
2		4	5	6	7	8	9	10		
3		11	12	13	14	15	16	17		
4		18	19	20	21	22	23	24		Commencement of 4 <sup>th</sup> , 6 <sup>th</sup> and 8 <sup>th</sup> Semester Classes
5		25	26	27	28	29	30			
5	MAY							1	May Day	
6		2	3	4	5	6	7	8		
7		9	10	11	12	13	14	15	Basava Jayanthi, Ramzan	
8		16	17	18	19	20	21	22		
9		23	24	25	26	27	28	29		FIRST IA 4TH AND 6TH SEM
		30	31							
10	JUNE			1	2	3	4	5		
11		6	7	8	9	10	11	12		
12		13	14	15	16	17	18	19		
13		20	21	22	23	24	25	26		
14		27	28	29	30					

**Non Working Saturdays**



# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (EVEN SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	JULY					1	2	3		SECOND IA 4TH AND 6TH SEM
15		4	5	6	7	8	9	10		
16		11	12	13	14	15	16	17		
17		18	19	20	21	22	23	24	Bakrid	8 <sup>th</sup> Sem Last Working Day, 8 <sup>th</sup> Sem Theory Exam Begins
18		25	26	27	28	29	30	31		8 <sup>th</sup> Sem Theory Exam Ends, THIRD IA 4 <sup>th</sup> AND 6 <sup>th</sup> SEM
18	AUGUST	1	2	3	4	5	6	7		4 <sup>th</sup> and 6 <sup>th</sup> Sem Last Working Day, 8 <sup>th</sup> Sem Internship Viva Voce. LAB IA 4 <sup>th</sup> and 6 <sup>th</sup> Sem.
19		8	9	10	11	12	13	14		Practical Exams Starts for 4 <sup>th</sup> and 6 <sup>th</sup> Sem
20		15	16	17	18	19	20	21	Muharram	Practical Exams Ends for 4 <sup>th</sup> and 6 <sup>th</sup> Sem
21		22	23	24	25	26	27	28		Theory Exams Starts for 4 <sup>th</sup> and 8 <sup>th</sup> Sem
22		29	30	31						
23	SEPTEMBER				1	2	3	4		
24		5	6	7	8	9	10	11	Ganesha Chathurthi	Theory Exams Starts for 4 <sup>th</sup> and 8 <sup>th</sup> Sem
25		12	13	14	15	16	17	18		
26		19	20	21	22	23	24	25	Non Working Saturdays	
27		26	27	28	29	30	31	32		
WORKING DAYS (8 <sup>th</sup> Sem)			14	14	13	13	13	6	73	
WORKING DAYS(4 <sup>th</sup> & 6 <sup>th</sup> )			16	16	15	16	16	7	86	Inclusive of IA tests and other activities

**DEAN ACADEMICS**  
**DR. M S GOVINDE GOWDA**

**PRINCIPAL**  
**DR. L BASAVARAJ**

## Department of Electrical and Electronics Engineering

### Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	No. of days/week	COLLEGE EVENTS/ Departement Events
1	SEPTEMBER			1	2	3	4	5	4	3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup> Sem: commencement of Online Classes / Induction program
2		6	7	8	9	10	11	12	6	State Level Quiz Competition
3		13	14	15	16	17	18	19	4	Mahalaya Amavasya
4		20	21	22	23	24	25	26	6	Webinar for 3rd and 5th sem
5		27	28	29	30				3	Final Year Project Synopsis Submission
5	OCTOBER					1	2	3	1	Commencement of Offline Classes for 3,5 & 7 Sem, 2nd-Gandhi Jayanthi
6		4	5	6	7	8	9	10	6	First I A for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
7		11	12	13	14	15	16	17	5	Technical Talk/ workshop for 3rd Sem, Project Phase-1 Review
8		18	19	20	21	22	23	24	6	Workshop for 7th semester
9		25	26	27	28	29	30	31	3	Ayudha Pooja, Vijaya Dashami, Eid-Milad , Valmiki Jayanthi
10	NOVEMBER	1	2	3	4	5	6	7	5	Kannada Rajyotsava, Technical Talk/ workshop for 3rd Sem, National Cancer Awareness day
11		8	9	10	11	12	13	14	5	Second IA for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester, 14th-Naraka Chaturdashi
12		15	16	17	18	19	20	21	4	Balipadyami
13		22	23	24	25	26	27	28	6	Workshop for 5th sem/ Hackathon
14		29	30						1	

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	No. of days/week	COLLEGE EVENTS
14	DECEMBER			1	2	3	4	5	3	Kanakadasa Jayanthi, Webinar for V sem, Virtual Technical Fest:Avagamah
15		6	7	8	9	10	11	12	6	Virtual Technical Fest:Avagamah
16		13	14	15	16	17	18	19	4	
17		20	21	22	23	24	25	26	5	25th-Christmas
18		27	28	29	30	31			4	Third I A for 3rd, 5th and 7th Semesters, World science day for peace and development
18	JANUARY						1	2	2	
19		3	4	5	6	7	8	9	6	LAB Interenals for Semesters 3,5 and 7
20		10	11	12	13	14	15	16	6	Improvement IA for Semesters 3,5 and 7, LAST working day for ODD Sem 2020-21, Makra Sankranthi
21		17	18	19	20	21	22	23		
22		24	25	26	27	28	29	30		Republic Day
23	FEBRUARY	31								
23			1	2	3	4	5	6		End of Odd Semester Practical Exams
24		7	8	9	10	11	12	13		Commencement of Odd Semester Theory Exams
25		14	15	16	17	18	19	20		
26		21	22	23	24	25	26	27		
27		28								

Non Working Saturdays

 Holidays  
 IA Tests

**Dr. Parthasarathy L**  
 Head & Dept. of EEE



## Department of Electrical and Electronics Engineering

### Academic Calendar - Even Semester

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	Holiday	Departement Events
1	APRIL					1	2	3		Seminar Evaluation of 8th sem
2		4	5	6	7	8	9	10		Seminar Evaluation of 8th sem
3		11	12	13	14	15	16	17		
4		18	19	20	21	22	23	24		Commencement of 4 , 6 and 8 Semester Classes/ Induction Program
5		25	26	27	28	29	30			
5	MAY							1	May day	
6		2	3	4	5	6	7	8		
7		9	10	11	12	13	14	15	Basava Jayanthi, Ramzan	
8		16	17	18	19	20	21	22		Project Phase-II Review-I
9		23	24	25	26	27	28	29		Technical Talk for IV semester
10	JUNE	30	31							
10				1	2	3	4	5		Internship Evaluation
11		6	7	8	9	10	11	12		First IA of 4th, 6th & 8th sem
12		13	14	15	16	17	18	19		Technical Talk for VI semester
13		20	21	22	23	24	25	26		Technical Talk for VIII semester
14	JULY	27	28	29	30					
14						1	2	3		
15		4	5	6	7	8	9	10		Second IA for 8th Sem
16		11	12	13	14	15	16	17		Project Phase-II Review-II
17		18	19	20	21	22	23	24	Bakrid	Third IA for 8th Sem & Project Competition
18	AUGUST	25	26	27	28	29	30	31		Second IA 4TH AND 6TH SEM
19		1	2	3	4	5	6	7		Lab Test for 4th & 6th sem . Project & internship Viva voce
20		8	9	10	11	12	13	14		Third IA 4th & 6th Sem
21		15	16	17	18	19	20	21	Muharram	Practical Exams Starts for 4th and 6th Sem
22		22	23	24	25	26	27	28		VTU Theory Exams
23	SEPTEMBER	29	30	31						VTU Theory Exams
23					1	2	3	4		VTU Theory Exams
24		5	6	7	8	9	10	11	Ganesha Chathurthi	VTU Theory Exams
25		12	13	14	15	16	17	18		VTU Theory Exams
26		19	20	21	22	23	24	25	Non Working Saturdays	VTU Theory Exams
27		26	27	28	29	30	31			VTU Theory Exams

**Dr. Parthasarathy L**

Head & Dept. of EEE

## Department of Electrical and Electronics Engineering

### Adherence Report of CoE- Odd Semester

Sl. No	Activity	Planned date	Implemented date	Comments
1	Commencement of online classes / Induction program	1st Sep 2020	1st Sep 2020	As Planned for III and V and VII sem
2	State Level Quiz Competition	7th to 10th Sep 2020	2nd Sep to 5th Sep 2020	Preponed due to other activity
3	Webinar for III and V sem	21st to 26th Sep 2020	21st and 23rd October 2020	Postponed due to pre-occupied schedule of resource person
4	Final Year Project Synopsis submission	30th Sep 2020	30th Sep 2020	As Planned
5	1st Internal Assessment for III, V and VII sem	8th Oct 2020	8th Oct 2020	As Planned
		9th Oct 2020	9th Oct 2020	
		10th Oct 2020	10th Oct 2020	
6	Technical Talk / Workshop for III sem	Between 12th to 17th Oct 2020	TT-21st and 23rd October 2020	Technical Talk postponed due to pre-occupied schedule of resource person
7	Project Phase-1 Review	12th to 16th Oct 2020	29th Oct to 7th Nov 2020 with breaks	Postponed as the preparation time was extended for students
8	Workshop for VII sem	Between 19th to 24th Oct 2020	will be planned after IA3	Postponed to due Placement activities
9	Technical Talk / Workshop for III sem	2nd to 6th Nov 2020	21st to 23rd Dec 2020	Wokshop on tool usage postponed due to pre-occupied schedule of resource person
10	National Cancer Awareness day	7th Nov 2020	7th Nov 2020	As planned
11	2nd Internal Assessment for III, V and VII sem	11th Nov 2020	12th Nov 2020	Postponed by one day due to three FDP on NAAC was organised by college from 9th to 11th Nov 2020
		12th Nov 2020	13th Nov 2020	
		13th Nov 2020	15th Nov 2020	
12	Commencement of offline classes	17th Nov 2020	17th Nov 2020	As planned

### Department of Electrical and Electronics Engineering

13	Workshop on app development for V sem	24th to 26th Nov 2020	24th and 26th Dec 2020	Due to non-availability of resource person, the event is conducted after a month
14	Hackathon	28th Nov 2020	30th Nov and 1st Dec 2020	Event postponed to increase the number of participants from various colleges
15	Webinar for V sem	4th Dec	Will be planned after IA3	Postponed due to IA-3 Schedule and planned for online mode delivery
16	Virtual Technical Fest:Avagamah” Hackathon and Innovative Idea Submission Challenge	5th and 7th Dec 2020	5th and 7th Dec 2020	As planned
17	3rd Internal Assessment for III, V and VII sem	28th Dec 2020	28th Dec 2020	As planned
		29th Dec 2020	29th Dec 2020	
		30th Dec 2020	30th Dec 2020	
18	World science day for peace and development	31st Dec 2020	31st Dec 2020	As planned



HoD

### Department of Electrical and Electronics Engineering

#### Adherence Report of CoE- Even Semester

Sl. No	Activity	Planned date	Implemented date	Reason
1	Seminar Evaluation	1st April to 5th April	1st April to 5th April	As Planned for VIII sem
2	Commencement of online classes / Induction program	19th April 2021	19th April 2021	As Planned for IV and VI and VIII sem
3	Project Phase-II Review - I	17th to 22nd May 2021	17th to 22nd May 2021	As Planned for VIII sem
4	Technical Talk - IV semester	29th May 2021	30th May 2021	Due to resource person availability
5	Internship Evaluation	3rd June to 5th June	3rd June to 5th June, 10th & 11th June	Extended two more days due to Online evaluation
6	First IA of 4th, 6th & 8th sem	7th to 9th June	7th to 9th June	As planned and conducted in Online mode
7	Technical Talk - IV semester	19th June 2021	19th June 2021	As planned
8	Technical Talk - VIII semester	25th June 2021	26th June 2021	Due to resource person availability
9	IA - VIII semester	5th & 6th July 2021	5th & 6th July 2021	As planned and conducted in Online mode
10	Project Phase-II Review - II	13th to 15th July 2021	13th to 15th July 2021	As Planned for VIII sem
11	IA - VIII semester	17th & 19th July 2021	17th & 19th July 2021	As planned and conducted in Online mode
12	Department Project competition	20th July 2021	20th July 2021	As planned and conducted in Online mode
13	Second IA of 4th, 6th & 8th sem	29th to 31st July 2021	29th to 31st July 2021	As planned and conducted in Online mode
14	Lab test for 4th & 6th sem	4th to 7th August 2021	4th to 7th August 2021	As planned and conducted in Online mode
15	Third IA of 4th, 6th & 8th sem	9th to 11th August 2021	9th to 11th August 2021	As planned and conducted in Online mode



HoD

ATME COLLEGE OF ENGINEERING

13<sup>th</sup> Kilometer, Mysore-Kanakapura-Bangalore Road, Mysore – 570 028 P : 0821-2593335 F: 0821-2593328

Email: [info@atme.in](mailto:info@atme.in), Web : [www.atme.in](http://www.atme.in)



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## Department of Electrical and Electronics Engineering

### ONLINE IA-1 TIME TABLE 2020-21(ODD SEMESTER)

Date	Sem					
	3		5		7	
	Morning Session (10:00 A.M- 11:30 A. M)	Afternoon Session (2:30 P.M-4:00 P.M)	Morning Session (10:00 A.M- 11:30 A.M)	Afternoon Session (2:30 P. M-4:00 P.M)	Morning Session (10:00 A.M- 11:30 A.M)	Afternoon Session (2:30 P. M-4:00 P.M)
08-10-2020	MAT 18EE31	18EE32	18EE51	18EE52	17EE71	17EE72
09-10-2020	18EE33	18EE34	18EE53	18EE54	17EE73	17EE742
12-10-2020	18EE35	18EE36	18EE55	18EE56	17EE752	

HOD

Dr. PARTHASARATHY L.  
Professor and HOD  
Dept. of Electrical & Electronics Engineering  
ATME College of Engineering, Mysuru

Dean Academics

Principal

**PRINCIPAL**  
ATME College of Engineering  
3th KM, Mysuru-Kanakapura-Bangalore Road  
Mellahalli, Mysuru-570022



28<sup>th</sup> September 2020

## Circular

The Faculties are informed to produce 2 question papers in each of your course for IA-1. The question papers should be as per the guide lines of the department, along with CO mapping and BTL. The question papers should get reviewed by the reviewers allotted for your courses prior to the test in the review meeting conducted by HoD.

The scheme with solution is to be provided before conduction of IA-1 and complete the valuation before **16<sup>th</sup> October 2020** and produce CO-attainment of your courses for this test.

### VII Semester

Code	Title	Faculty	Test Date	Review Date
17EE71	PSA-I	VK	08.10.2020 (FN)	05.10.2020
17EE72	PSP	MP	08.10.2020 (AN)	05.10.2020
17EE73	HV	SSR	09.10.2020 (FN)	06.10.2020
17EE742	UEP	MS	09.10.2020 (AN)	06.10.2020
17EE752	T&C	RL	10.10.2020 (FN)	06.10.2020

### V Semester

Code	Title	Faculty	Test Date	Review Date
18EE51	M&E	VK	08.10.2020 (FN)	05.10.2020
18EE52	MC	SSR	08.10.2020 (AN)	05.10.2020
18EE53	PE	KRS	09.10.2020 (FN)	06.10.2020
18EE54	SS	SH	09.10.2020 (AN)	06.10.2020
18EE55	EMD	HOD	10.10.2020 (FN)	06.10.2020
18EE56	HV	MP	10.10.2020 (AN)	06.10.2020

### III Semester-A section

Code	Title	Faculty	Test Date	Review Date
18EE32	ECA	LK	08.10.2020 (AN)	05.10.2020
18EE33	TAG	MS	09.10.2020 (FN)	06.10.2020
18EE34	AEC	RKS	09.10.2020 (AN)	06.10.2020
18EE35	DSD	SH	10.10.2020 (FN)	06.10.2020
18EE36	EM	KRS	10.10.2020 (AN)	06.10.2020

RL MP KRS VK SSR LK SH MS RKS

*(Signatures of the respective faculties)*



### Department of Electrical and Electronics Engineering

#### Details of Vertical Heads

Sl no	Specialisation	Vertical Head	Team Members	List of Courses
1	Power systems Energy system and Management	Mr. Raghavendra L	(Mr. Raghavendra L) Dr. Parthasarathy L Mrs. Pooja M Maria Sushma S	PSA-2, EMD, TAG, HV
2	Power Electronics	Mr. Sathish K R	(Mr. Sathish K R) Mr. Rajesh KS	AEC, PE, T&C
3.	Computer Aided Applications in Industrial Drives	Mrs. Lakshmi K	(Mrs. Lakshmi K) Mr. Praveen Kumar M	BEE, ECA, UEP, PSP
4.	Biomedical Signal Processing and Instrumentation  VLSI Design and Embedded Systems	Mr. Shreeshayana R	(Mr. Shreeshayana R) Mr. Vinod Kumar P Ms. Swapna H	DSD, M&E, EEM, S&S & MC



Test Co-ordinator



Dr. PARTHASARATHY L.  
Professor and HOD  
Dept. of Electrical & Electronics Engineering  
ATME College of Engineering, Mysuru



## Department of Electrical and Electronics Engineering

### AY- 2020-21 Odd Semester IA Test-I Question Paper Review

Date: 30-09-2020

Semester: III<sup>rd</sup>A<sup>+</sup>

Course Title with Code: Electric Circuit Analysis (18EE32)

	Course Coordinator	Mrs. Lakshmi K	Reviewer's Title	Reviewer's Signature
	IA Test-1 Date and Time	08/10/20; 2-30-4.00 PM		
A	→ Marks allotment CO1:CO3:: 30:40, Questions are sampled from VTU. → Higher level BTL (L3) is addressed in Question Paper. → Suggest to draw the circuit in PSPICE → Suggest to follow standard template for logo placement.		PL	
			MP	5/10/2020
B	→ Marks allotment CO1:CO3:: 30:40, Questions are sampled from VTU. → Higher level BTL (L3) is addressed in Question paper. → Suggest to draw the circuit in PSPICE → Suggest to follow standard template for logo placement.		MP	5/10/2020


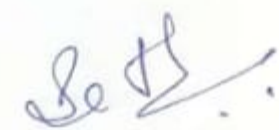

Course Title with Code: Transformers & Generators (18EE33)

	Course Coordinator	Maria Sushma S	Reviewer's Title	Reviewer's Signature
	IA Test-1 Date and Time	9/10/20 : 10:00 - 11:30 am		
A	① Highlight the action verb, so that the student will be able answer based on it. ② Do the minor correction suggested. ③ CO1 and CO2 is addressed.		PL	
			RL	
B	① Highlight the action verb. ② Do the minor correction suggested. ③ CO1 and CO2 is addressed.		RL	

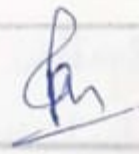
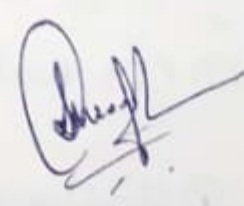
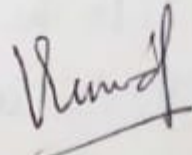


### Department of Electrical and Electronics Engineering

Course Title with Code: Analog Electronic Circuits (18EE34)

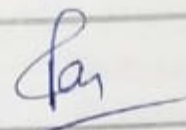


	Course Coordinator	Mr. Rajesh K S	Reviewer's Title	Reviewer's Signature
	IA Test-I Date and Time	9/10/20: 2:30 PM to 4:00 PM		
A	CO1 is mapped to PART-A & CO2 mapped to PART-B		PL	
	Action Verbs are used to both MCQ & Descriptive. CO1: CO2 :: 40:30 Marks allocated KRS Questions are sampled from VTU Q.P			
B	CO1 Mapped to PART-A & CO2 Mapped to PART-B. Action verbs are used. Questions are sampled from VTU Q.P		KRS	

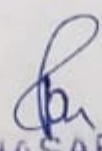
Course Title with Code: Digital System Design (18EE35)

	Course Coordinator	Ms. Swapna H	Reviewer's Title	Reviewer's Signature
	IA Test-I Date and Time	12-10-2020 10:30 to 11:30 AM		
A	* CO1 mapped to PART-A & CO2 mapped to PART-B * Action verbs are used for both MCQ and descriptive. * CO1: CO2 :: 40:30 Marks allotment. * Questions are sampled from VTU * BTL level for Q.1 b) and 3b) can be revised		PL	
	* Marks allotment CO1: CO2 :: 40:30		SSR	
B	* Questions are sampled from VTU Q.P * CO1 and CO2 mapped for Part-A & Part-B respectively * Questions 5b) can revisit action verbs.		VK	

### Department of Electrical and Electronics Engineering

Course Title with Code: Electrical & Electronic Measurements (18EE36)

Course Coordinator		Mr. Sathish KR	Reviewer's Title	Reviewer's Signature
IA Test I Date and Time		12/10/20: 2:30 - 4:00 PM		
A	① Part A Q.2c) Action verb can be changed to Solve.		PL	
	② Part B, Q.2c) use action verb solve & rephrase the question			
	③ CO1: CO2: 40:30 Part A: mapped to CO1, part B mapped to CO2		SSR	
	④ Questions are sampled from VTUAP			
	⑤ Small corrections in formatting can be incorporated [1,2,3,4,5,6,7 Sequencing]			
B	① Part B question continuity 5,6,7 can be made.		SSR	
	② Part A: Q.2c) L34 mapped. can be provided with same level of questions for choice.			
	③ CO1: CO2: 40:30			
	④ Questions are sampled from VTUAP			
	⑤ Part A: CO1 Part B: CO2			

  
**Dr. PARTHASARATHY L.**  
 Professor and HOD  
 Dept. of Electrical & Electronics Engineering  
 ATME College of Engineering, Mysuru





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## Department of Electrical and Electronics Engineering

### Online IA-1 Attendance

Online IA-1 Attendance								
Sl. No.	Faculty Name with Designation	Student Name	Student USN	Channel Name: VII_IA_G1_KRS				
				17EE71	17EE72	17EE73	17EE741	17EE752
				08-10-2020		09-10-2020		12-10-2020
				10:00 to 11:30 am	2:30 to 4:00 pm	10:00 to 11:30 am	2:30 to 4:00 pm	10:00 to 11:30 am
1	Mr. Sathish K R, Assistant Professor	BINDHU V	4AD15EE006	P	P	P	P	P
2		GULABI P	4AD15EE012	P	P	P	P	P
3		NAIK NEHA SURESH	4AD15EE021	P	P	P	P	P
4		RAKSHITH K N	4AD16EE034	P	P	P	P	P
5		ROHITH D	4AD16EE036	P	P	P	P	P
6		AKSHAY D	4AD17EE001	P	P	P	P	P
7		ARPITHA R	4AD17EE002	P	P	P	P	P
8		ASHA P	4AD17EE004	P	P	P	P	P
9		ASHWINI C R	4AD17EE005	P	P	P	P	P
10		ASHWINI D S	4AD17EE006	P	P	P	P	P
11		B ROSHAN	4AD17EE007	P	P	P	P	P
12		DEEPTHI M	4AD17EE008	P	P	P	P	P
13		DHANYATHA M	4AD17EE009	P	P	P	P	P
14		GAGANA S	4AD17EE011	P	P	P	P	P
15		HARSHA K M	4AD17EE012	P	P	P	P	P
16		HASEEBULLA BAIG	4AD17EE013	P	P	P	P	P
17		INDRANI L	4AD17EE014	P	P	P	P	P
18		JOSHUA H RAYAPURI	4AD17EE015	P	P	P	P	P
Total number of absentees				- NIL -	- NIL -	- NIL -	- NIL -	- NIL -
Signature of the faculty				Seth	Seth	Seth	Seth	Seth

*Test*

Test Co-ordinator

Dr. PARTHASARATHY L.  
Professor and HOD  
Dept. of Electrical & Electronics Engineering  
ATME College of Engineering, Mysuru

## Department of Electrical & Electronics Engineering

### FIRST INTERNAL ASSESSMENT

COURSE CODE	:	17EE73	TIME	10AM to 11.30AM
COURSE	:	HIGH VOLTAGE ENGINEERING	DATE	09.10.2020
SEM	:	VII	MAX.MARKS	50

Q. No.	PART-A (Each Question carries 10 Marks) Answer any <u>Three</u> Full Questions	Marks	CO's	BTL
1.	<p><b>a.</b></p> <p><b>1. Interpret</b> Streamers theory is applicable for pd value <b>(1Mark)</b></p> <p>a. &gt;1000mmHg-cm                      b. &lt;1000mmHg-cm</p> <p>c. &gt;1mmHg-cm &amp; &lt;2mmHg-cm      d. &gt;1mmHg-cm</p> <p><b>2. Interpret</b> the Time Lag for Breakdown is composed of: <b>(1Mark)</b></p> <p>a. Positive and Negative                      b. Statistical &amp; Formative</p> <p>c. Statistical &amp; Affirmative                      d. Statistical &amp; Paschen</p> <p><b>b.</b> What is Ionization process. <b>Explain</b> how ionization occurs due to collision and photo-ionization with suitable diagram.</p>	2M	CO1	L2
2.	<p><b>a.</b></p> <p><b>1. Interpret</b> Paschen found that Voltage is a function only of: <b>(1Mark)</b></p> <p>a. Product of the pressure &amp; temperature      b. Product of the pressure &amp; voltage</p> <p>c. Product of the pressure &amp; current      d. Product of the pressure &amp; gap length</p> <p><b>2. Interpret</b> Cavitations theory states that dielectric strength of liquid dielectric material depends on: <b>(1Mark)</b></p> <p>a. Temperature                      b. Electrodes</p> <p>c. Hydrostatic pressure                      d. Voltage</p> <p><b>b. Explain</b> the current growth expression for Townsends primary and secondary ionization process with suitable diagram.</p>	2M	CO1	L2
3.	<p><b>a.</b></p> <p><b>1. Solve</b>, What will be the breakdown strength of air for a small gap of 20cm under uniform field condition and standard atmospheric condition: <b>(1Mark)</b></p> <p>a. 25.57kV/cm                      b. 24kV/cm</p> <p>c. 20kV/cm                      d. 27kV/cm</p> <p><b>2. Interpret</b>, which is not a type of breakdown mechanism in Solid dielectric: <b>(1Mark)</b></p> <p>a. Intrinsic breakdown                      b. Cavitation breakdown</p> <p>c. Avalanche breakdown                      d. Treeing &amp; Tracking</p> <p><b>b. Explain</b> the following methods of breakdown in liquid dielectrics</p> <p>i. Suspended Particle theory</p> <p>ii. Bubbles theory</p>	2M	CO1	L2
4.	<p><b>a.</b></p> <p><b>1.</b> In an experiment with certain gas, it was found that the steady state current is <math>5.5 \times 10^{-8}</math> A at 8kV at a gap distance of 0.4cm between the electrode plates. Keeping the field constant and reducing the distance by 0.1cm results in a current of <math>5.5 \times 10^{-9}</math> A. <b>Solve</b> for Townsend's primary ionization co-efficient. <b>(1Mark)</b></p> <p>a. 5/cm-torr                      b. 7.676/ cm-torr</p> <p>c. 6.99/cm-torr                      d. 7/cm-torr</p> <p><b>2. Interpret</b>, In thermal breakdown, heat generated under      d.c. stress <b>(1Mark)</b></p> <p>a. <math>W_{dc} = E^2 \sigma</math>                      b. <math>W_{dc} = E \sigma</math></p> <p>b. <math>W_{dc} = E^2 \sigma f</math>                      d. <math>W_{dc} = E^2 \sigma f d</math></p> <p><b>b. Explain</b> Streamers theory with relevant diagram.</p>	2M	CO1	L2
		8M	CO1	L2



**Department of Electrical & Electronics Engineering**

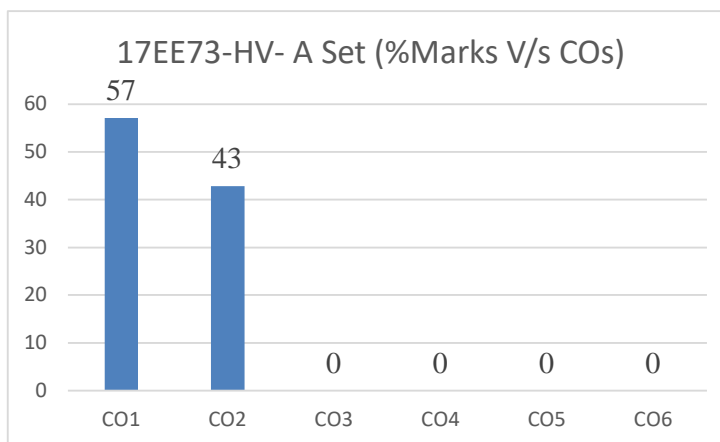
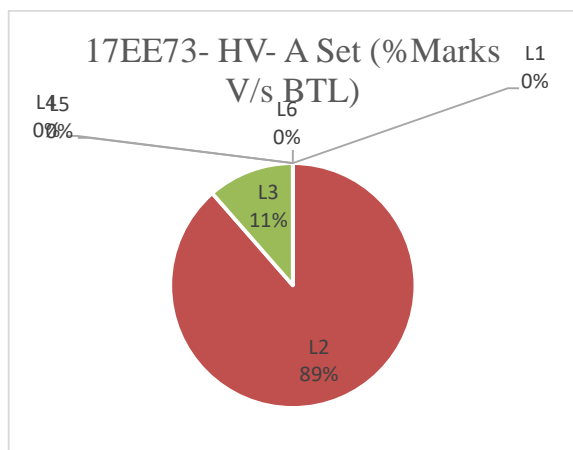
Q. No.	PART-B (Each Question carries 10 Marks) Answer any <u>Two</u> Full Questions	Marks	CO's	BTL
5.	<p><b>a.</b> <b>1. Interpret,</b> in Cock croft- Walton type high voltage DC set, Output voltage is: (1Mark)</p> <div style="display: flex; justify-content: space-between;"> <span><b>a.</b>2n <b>c.</b>Vmax</span> <span><b>b.</b> 2nVmax <b>d.</b> 2nVmaxI</span> </div> <p><b>2.</b> In cascaded transformers, <b>interpret</b> which statements are correct: (1Mark)</p> <div style="display: flex; justify-content: space-between;"> <span>i. Natural cooling is sufficient; iii. More space requirement ; <b>a.</b> i,ii <b>c.i,ii,iii,iv</b></span> <span>ii. star or delta connection are possible iv. Meter winding is used <b>b.</b> i,ii,iv <b>d.i,ii,iii</b></span> </div>	2M	CO2	L2
	<p><b>b.</b> A 8stage Walton Circuit has a capacitance of 0.05μF. The secondary voltage of supply transformer is 125kV at a frequency of 150Hz.If the load current is 5mA, <b>Solve</b> for:</p> <ul style="list-style-type: none"> <li><b>i)</b> % Voltage Regulation</li> <li><b>ii)</b> % Ripple</li> <li><b>iii)</b> Optimum number of stages for maximum output</li> <li><b>iv)</b> Maximum output voltage</li> </ul>	8M	CO2	L3
6.	<p><b>a.</b> <b>1. Interpret</b> in Tesla coil, output frequency range is: (1Mark)</p> <div style="display: flex; justify-content: space-between;"> <span><b>a.</b> 5kHz to 10MHz <b>c.</b> 100Hz to 1KHz</span> <span><b>b.</b> 50kHz to 1MHz <b>d.</b> 1MHz to 10MHz</span> </div> <p><b>2. Interpret,</b> in Series resonant transformer Q factor of the circuit gives themagnitude of the voltage multiplication across the test object under (1Mark)</p> <div style="display: flex; justify-content: space-between;"> <span><b>a.</b> Standard room pressure temperature <b>c.</b> Both a &amp; b</span> <span><b>b.</b> Standard room <b>d.</b> Resonance</span> </div>	2M	CO2	L2
	<p><b>b.</b> With relevant circuit diagram, explain how transformers are connected in cascade for HVAC power generation</p>	8M	CO2	L2
7.	<p><b>a.</b> <b>1. Interpret, Tesla Coil is:</b> (1Mark)</p> <div style="display: flex; justify-content: space-between;"> <span><b>a.</b> high frequency resonant transformer circuit <b>c.</b> Both a&amp;b</span> <span><b>b.</b> Doubly tuned resonant <b>d.</b> Only a</span> </div> <p><b>2. Interpret,</b> The primary voltage rating is 10 kV and the secondary may be rated to as high as 500 to 1000kV.Is the statement correct: (1Mark)</p> <div style="display: flex; justify-content: space-between;"> <span><b>a.</b> False <b>c.</b> Neither</span> <span><b>b.</b> True <b>d.</b> Partially True</span> </div>	2M	CO2	L2
	<p><b>b.</b> With relevant circuit diagram, <b>Explain</b></p> <ul style="list-style-type: none"> <li>i. Series Resonant Transformer ii. Parallel Resonant Transformer</li> </ul>	8M	CO2	L2

## Department of Electrical & Electronics Engineering

### COURSE OUTCOMES

<b>CO1</b>	Interpret the conduction and breakdown phenomenon in dielectrics.
<b>CO2</b>	Apply the principles of generation of high voltage, currents and Impulse voltages.
<b>CO3</b>	Apply measurement techniques for High Voltage, current and Impulse voltages.
<b>CO4</b>	Interpret overvoltage phenomenon and insulation coordination in electric power systems.
<b>CO5</b>	Solve the dielectric properties and interpret the testing methods of surge arrestors and switchgear.

Bloom's Taxonomy Level	
<b>L1</b>	<b>Remembering</b>
<b>L2</b>	<b>Understanding</b>
<b>L3</b>	<b>Applying</b>
<b>L4</b>	<b>Analyzing</b>
<b>L5</b>	<b>Evaluating</b>
<b>L6</b>	<b>Creating</b>





A T M E

College of Engineering



## Department of Electrical &amp; Electronics Engineering

## FIRST INTERNAL ASSESSMENT TEST

COURSE CODE	: 17EE73	TIME	10AM to 11.30AM
COURSE	: HIGH VOLTAGE ENGINEERING	DATE	09.10.2020
SEM	: VII	MAX.MARKS	50

Q. No.	PART-A (Each Question carries 10 Marks) Answer any <u>Three</u> Full Questions	Marks	CO's	BTL
1.	<p>a. Interpret Streamers theory is applicable for pd value (1Mark)</p> <p>a. &gt;1000mmHg-cm                      b. &lt;1000mmHg-cm</p> <p>c. &gt;1mmHg-cm &amp; &lt;2mmHg-cm      d. &gt;1mmHg-cm</p> <p>b. Interpret the Time Lag for Breakdown is composed of: (1Mark)</p> <p>a. Positive and Negative                      b. Statistical &amp; Formative</p> <p>c. Statistical &amp; Affirmative                      d. Statistical &amp; Paschen</p> <p>c. What is Ionization process. Explain how ionization occurs due to collision and photo-ionization with suitable diagram.</p>	2M	CO1	L2
2.	<p>a. Interpret Paschen found that Voltage is a function only of: (1Mark)</p> <p>a. Product of the pressure &amp; temperature      b. Product of the pressure &amp; voltage</p> <p>c. Product of the pressure &amp; current      d. Product of the pressure &amp; gap length</p> <p>b. Interpret Cavitations theory states that dielectric strength of liquid dielectric material depends on: (1Mark)</p> <p>a. Temperature                      b. Electrodes</p> <p>c. Hydrostatic pressure                      d. Voltage</p> <p>c. Explain the current growth expression for Townsends primary and secondary ionization process with suitable diagram.</p>	8M	CO1	L2
3.	<p>a. Solve, What will be the breakdown strength of air for a small gap of 20cm under uniform field condition and standard atmospheric condition: (1Mark)</p> <p>a. 25.57kV/cm                      b. 24kV/cm</p> <p>c. 20kV/cm                      d. 27kV/cm</p> <p>b. Interpret, which is not a type of breakdown mechanism in Solid dielectric: (1Mark)</p> <p>a. Intrinsic breakdown                      b. Cavitation breakdown</p> <p>c. Avalanche breakdown                      d. Treeing &amp; Tracking</p> <p>c. Explain the following methods of breakdown in liquid dielectrics</p> <p>i. Suspended Particle theory</p> <p>ii. Bubbles theory</p>	2M	CO1	L2
4.	<p>a. In an experiment with certain gas, it was found that the steady state current is <math>5.5 \times 10^{-8}</math> A at 8kV at a gap distance of 0.4cm between the electrode plates. Keeping the field constant and reducing the distance by 0.1cm results in a current of <math>5.5 \times 10^{-9}</math> A. Solve for Townsend's primary ionization co-efficient. (1Mark)</p> <p>a. 5/cm-torr                      b. 7.676/ cm-torr</p> <p>c. 6.99/cm-torr                      d. 7/cm-torr</p> <p>b. Interpret, In thermal breakdown, heat generated under d.c. stress (1Mark)</p> <p>a. <math>W_{dc} = E^2 \sigma</math>                      b. <math>W_{dc} = E \sigma</math></p> <p>c. <math>W_{dc} = E^2 \sigma f</math>                      d. <math>W_{dc} = E^2 \sigma f d</math></p> <p>c. Explain Streamers theory with relevant diagram.</p>	8M	CO1	L2

**Department of Electrical & Electronics Engineering**

<b>Q. No.</b>	<b>PART-B (Each Question carries 10 Marks) Answer any Two Full Questions</b>	<b>Marks</b>	<b>CO's</b>	<b>BTL</b>
<b>5.</b>	<p>a. <b>Interpret,</b> in Cockcroft- Walton type high voltage DC set, Output voltage is: (1Mark)</p> <div style="display: flex; justify-content: space-between;"> <span>a. 2n c. Vmax</span> <span>b. 2nVmax d. 2nVmaxI</span> </div> <p>b. In cascaded transformers, <b>interpret</b> which statements are correct: (1Mark)</p> <p>i. Natural cooling is sufficient; ii. star or delta connection are possible iii. More space requirement ; iv. Meter winding is used</p> <div style="display: flex; justify-content: space-between;"> <span>a. i,ii c.i,ii,iii,iv</span> <span>b. i,ii,iv d.i,ii,iii</span> </div> <p>c. A 8stage Walton Circuit has a capacitance of 0.05<math>\mu</math>F. The secondary voltage of supply transformer is 125kV at a frequency of 150Hz.If the load current is 5mA, Solve for:</p> <ul style="list-style-type: none"> <li>i) % Voltage Regulation</li> <li>ii) % Ripple</li> <li>iii) Optimum number of stages for maximum output</li> <li>iv) Maximum output voltage</li> </ul>	2M	CO2	L2
<b>6.</b>	<p>a. <b>Interpret</b> in Tesla coil, output frequency range is: (1Mark)</p> <div style="display: flex; justify-content: space-between;"> <span>a. 5kHz to 10MHz c. 100Hz to 1KHz</span> <span>b. 50kHz to 1MHz d. 1MHz to 10MHz</span> </div> <p>b. <b>Interpret,</b> in Series resonant transformer Q factor of the circuit gives themagnitude of the voltage multiplication across the test object under (1Mark)</p> <div style="display: flex; justify-content: space-between;"> <span>a. Standard room pressure temperature c. Both a &amp; b</span> <span>b. Standard room d. Resonance</span> </div> <p>c. With relevant circuit diagram, explain how transformers are connected in cascade for HVAC power generation</p>	2M	CO2	L2
<b>7.</b>	<p>a. <b>Interpret,</b> Tesla Coil is: (1Mark)</p> <div style="display: flex; justify-content: space-between;"> <span>a. high frequency resonant transformer circuit c. Both a&amp;b</span> <span>b. Doubly tuned resonant d. Only a</span> </div> <p>b. <b>Interpret,</b> The primary voltage rating is 10 kV and the secondary may be rated to as high as 500 to 1000kV.Is the statement correct: (1Mark)</p> <div style="display: flex; justify-content: space-between;"> <span>a. False c. Neither</span> <span>b. True d. Partially True</span> </div> <p>c. With relevant circuit diagram, Explain</p> <p>i. Series Resonant Transformer ii. Parallel Resonant Transformer</p>	2M	CO2	L2
		8M	CO2	L2





# A T M E

College of Engineering



Department of EEC  
Emulating Elite Energy

## Department of Electrical & Electronics Engineering

### COURSE OUTCOMES

CO1	Interpret the conduction and breakdown phenomenon in dielectrics.
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Bloom's Taxonomy Level	
L1	Remembering
L2	Understanding
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L6	Creating

Dr. PARTHASARATHY L.  
Professor and HOD  
Dept. of Electrical & Electronics Engineering  
ATME College of Engineering, Mysuru



## Department of Electrical & Electronics Engineering

Semester: VII  
 Course Title and Code: High voltage Engineering / 17EE73

Date: 09/10/2020  
 Max. Marks: 50

Question No.	Solution	CO's	BTL	Marks Allocated
①	<p>a) Option a: <math>&gt;1000\text{mmHg-cm}</math> }</p> <p>b) Option b: Statistical &amp; formative }</p> <p>c) Ionization is defined as a process of liberation of free electron from a gas molecule with continuous generation of positive ion</p> <p><u>Ionisation by collision</u></p> $e^- + A \xrightarrow{e > V_i} e^- + A^+ + e^-$ <p>A = atom, <math>A^+</math> = +ve ion <math>e^-</math> : electron.</p> <p>In collision process, a free electron collides with a neutral gas molecule &amp; gives rise to new electron &amp; the ion.</p> <p>If the energy gained during the travel between collision in a low pressure gas column in which electric field <math>E</math> is applied across two parallel plates, becomes high then it causes a liberation of electron from its atomic shell</p> <p><u>Photo ionization</u></p> <p>The Ionisation caused by cosmic radiation or photons is called photo ionization.</p> <p>It occurs when the amount of radiation energy</p>	<p>— Col L2</p> <p>— Col L2</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p>	<p>L2</p> <p>L2</p> <p></p> <p></p> <p></p> <p></p>	<p>1 mark</p> <p>1 mark</p> <p>2 mark</p> <p>1 mark</p> <p>3 mark</p> <p>2 mark</p>

Key Word: BTL: Bloom's Taxonomy Level

SHREESHAYANA

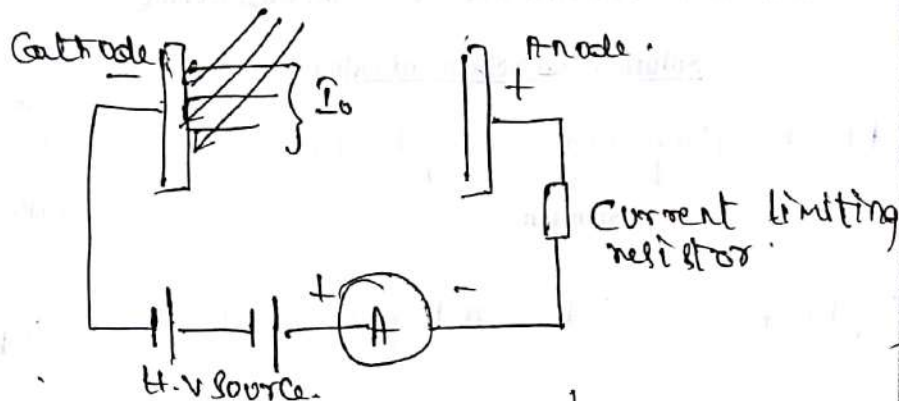
Course Coordinator Name and Signature

Dr. PARTHASARATHY L.  
 Professor and HOD

page 1/8  
 Dept. of Electrical & Electronics Engineering  
 ATME College of Engineering

Question No.		CO's	BTL	Marks Allocated
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absorbed by an atom or molecule exceeds its ionisation potential



2 marks

$$h\nu + A \rightleftharpoons A^+ + e^- \quad | \quad E > A_i; \text{condition for breakdown}$$

$h \rightarrow$  plank's constant;  $c =$  velocity of light

$$E = h\nu = hc/\lambda$$

2 marks

②

- a) Option d: Product of pressure & gap length
- b) Option c: Hydrostatic pressure

CO1

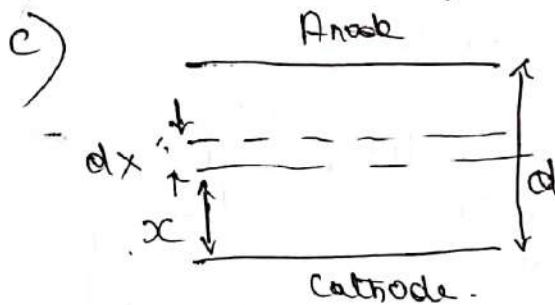
L2

1 mark

CO1

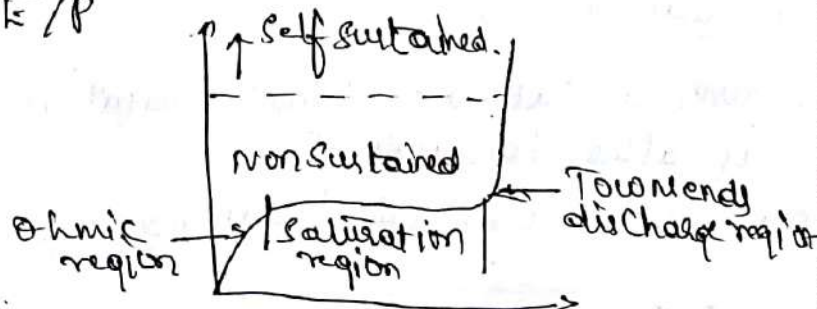
L2

1 mark



- 1) Let us assume no electrons are emitted from cathode. Let  $\alpha$  be average no of ionising collisions made by electron/cm.

$$\alpha = E/P$$



*[Signature]*



$$d n x = \alpha n x dx$$

$$\frac{d n x}{n} = \alpha dx$$

$$\ln n = \alpha x + A \quad \text{--- (1)}$$

$$A = \ln n_0 \text{ in (1)}$$

$$\therefore \ln n = \alpha x + \ln n_0$$

$$\ln n - \ln n_0 = \alpha x$$

$$\ln\left(\frac{n}{n_0}\right) = \alpha x \Rightarrow \frac{n}{n_0} = e^{\alpha x} \text{ at } x = d$$

$$\therefore n = n_0 e^{\alpha d}$$

$$\text{Avg current } I = I_0 e^{\alpha d}$$

Let Total no of electron n reaching anode,

$$n = (n_0 + n_+) e^{\alpha d}$$

$$n_+ = \sqrt{n - (n_0 + n_+)}$$

$$n_+ = \sqrt{n} - \sqrt{n_0} - \sqrt{n_+}$$

$$n_+ = \sqrt{(n - n_0)}$$

$$\text{Substitution, } n = \left[ n_0 + \frac{\sqrt{(n - n_0)}}{1 + \sqrt{1 - e^{-\alpha d}}} \right] e^{\alpha d}$$

$$n [1 + \sqrt{1 - e^{-\alpha d}}] = n_0 e^{\alpha d}$$

$$\therefore I = \frac{I_0 e^{\alpha d}}{[1 + \sqrt{1 - e^{-\alpha d}}]}$$

(3)

a) option a:  $25.57 \text{ kV/cm}$

col L2 1 mark

b) option B: cavitation breakdown

col L2 1 mark  
2 marks

c) i) Suspended particle theory

Commercial liquids will always contain solid impurities like fibres/dispersed solid particles & gaseous bubbles

col L2 1 mark

$$2) \epsilon_2 > \epsilon_1$$

permittivity of liquid dielectrics  $\epsilon_1$ ,  $\epsilon_2$ : permittivity of solid impurities.

$$F = \frac{1}{2r^3} \frac{(\epsilon_2 - \epsilon_1)}{2\epsilon_1 + \epsilon_2} \text{ grad } E^2.$$

3) If only gas bubbles are present  $\epsilon_2 < \epsilon_1$   
 $r \rightarrow$  spherical particles of radius  $r$   
 $E \rightarrow$  applied field.

3 mark.

## 2) Bubbles theory

Theory states that dielectric strength of liquid dielectric material depends on hydrostatic pressure.

Here voltage drop along the length of bubble equals to minimum value of voltage in the Paschen's curve.

$$E_0 = \frac{1}{(\epsilon_1 - \epsilon_2)} \left[ \frac{2\pi \sigma (2\epsilon_1 + \epsilon_2)}{r} \left( \frac{\pi}{4} \frac{\sqrt{V_b}}{2rE_0} \right) \right]^{1/2}$$

$\sigma$  = surface tension of liquid

$\epsilon_1$  = permittivity of liquid,  $\epsilon_2$  = permittivity of gas bubble;  $r$  = initial radius of gas bubble.

2 mark

8 mark

4

a) option b:  $7.676 / \text{cm-torr}$

b) option a:  $W_{ac} = E^2 \sigma$

Col L2 1 mark

Col L2 1 mark

2 mark



(A)

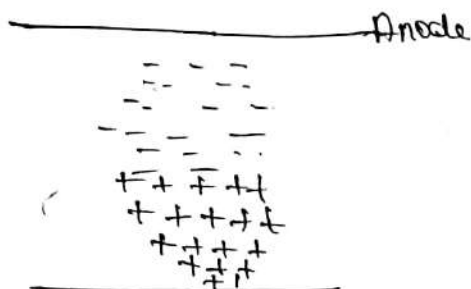
c) Streamers theory / Avalanche breakdown

1) Streamer mechanism of B.D is also known as Kelch mechanism of Breakdown.

2) It is valid only if  $E_0 = V/d$

3) It is a phenomenon that occurs in both insulating & semiconducting materials.

A streamer discharge also known as filamentary discharge, is a type of transient electrical discharge. It is formed when exposed to large potential difference.



- Step 1: Formation of avalanche.
- Step 2: Formation of avalanche creates space charge which leads additional electric field.
- Step 3: Electric field enhance growth of new avalanche. Ionized region grows quickly & expands & finally Breakdown occurs.

Part B

(5) a) option b:  $2nV_{max}$

b) option c: i, ii, iii, iv



5

c) a) ripple voltage  $\delta V = \frac{I}{fC} \frac{n(n+1)}{2}$

$\delta V = \frac{5 \times 10^{-3}}{150 \times 0.05 \times 10^{-6}} \times \frac{8 \times 9}{2} = \underline{\underline{24 \text{ kV}}}$

b) Regulation:  $\Delta V = \frac{I}{fC} \left[ \frac{2n^3 + n^2}{3} - \frac{n}{6} \right]$   
voltage drop  
 $= \underline{\underline{248 \text{ kV}}}$

c) Regulation =  $\frac{V}{2nV_{max}} = 12.4\%$

c) Optimum stages

$n_{opt} = \sqrt{\frac{V_{max} f C}{I}}$   
 $= 14 \text{ stages}$

CO2 L3

2 marks

2 marks

2 marks

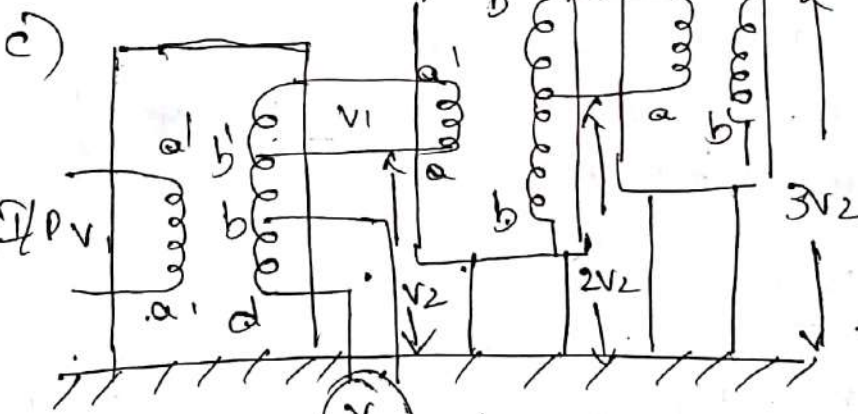
2 marks

8 marks

6

a) Option B: 50 kHz to 1 MHz

b) Option D: Resonance



$V_1 \rightarrow$  I/P voltage;  $V_2 =$  O/P voltage  
a-a' - LV primary winding; b-b' - H.V secondary winding; c-c' - excitation winding; d-d' - magnetizing winding

CO2 L2 1 mark

CO2 L2 1 mark

CO2 L2

4 marks

- 1) First transformer is at ground potential along with its tank
- 2) Second transformer is kept on insulator & maintained at a potential of  $V_2$ .
- 3) The H.V winding of the 1st unit is connected to the tank of 2nd unit.
- 4) The L.V winding of this unit is supplied from the excitation winding of the first transformer which is in series with H.V winding of 1st transformer at its H.V end.
- 5) Isolating transformers  $IS_1$ ,  $IS_2$  &  $IS_3$  are 1:1 ratio transformers

3 mark

Need: when test voltage requirements are less than 300KV, a single transformer can be used.  $> 300KV$  cascaded transformer is used

1 mark

4 marks

- 7) a) Option c: Bolt & b }  
b) Option b: True }

CO2 L2

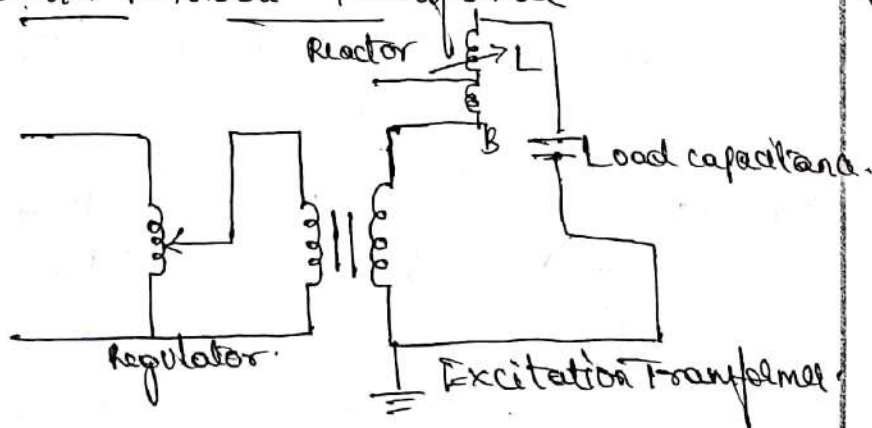
1 mark

CO2 L2

1 mark

2 marks

c) Series Resonant Transformer



CO2 L2

2 marks



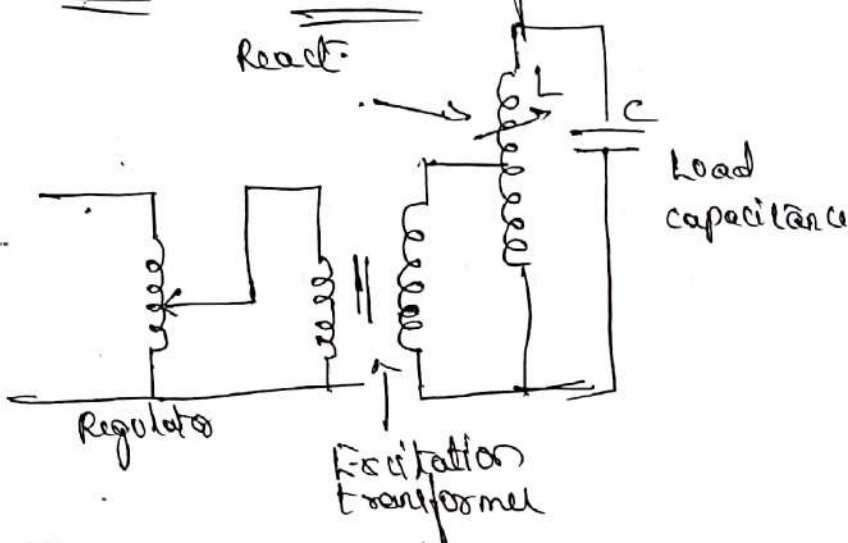
① A voltage regulator of either auto transformer type or the induction regulator type is connected to supply mains.

② Secondary winding of exciter transformer is connected across H.V reactor  $L$  & capacitive load  $C$ .

③ Inductance of reactor  $L$ , ratio 10:1

④ Q factor: order of 50

### Parallel Resonant Transformer



① In the parallel resonant mode the H.V reactor is connected as an auto transformer & the ckt is connected as a parallel resonant circuit.

② Independent of the degree of tuning & the Q factor.

③ Advantage: Parallel resonant ckt more stable o/p voltage with high rate of rise of test voltage.

**Department of Electrical & Electronics Engineering**

**To**

**Date: 23-06-2021**

The Principal  
ATMECE, Mysuru.

**Respected Sir,**

**Subject: Webinar on “C Programming & Puzzles”**

With reference to the above subject, the Department of Electrical & Electronics Engineering is organizing a Webinar titled “C Programming & Puzzles” on **26<sup>th</sup> June 2021** from **11AM to 1PM**. Resource person for the event is Mr. Kiran B, Assistant Professor, Department of Computer Science Engineering, ATMECE, Mysuru. An objective of the Webinar is to enhance the programming skills in students, Target participants are Final Year Students from EEE. Request your good office to kindly approve for organizing the event and do the needful.

Thanking You Sir.

**With Regards**



Dr. Parthasarathy L

ATME IEEE Student Branch Counsellor  
Professor & Head  
Department of EEE  
ATMECE, Mysuru



**A T M E**  
College of Engineering



Department of Electrical & Electronics Engineering  
Organizing Webinar On

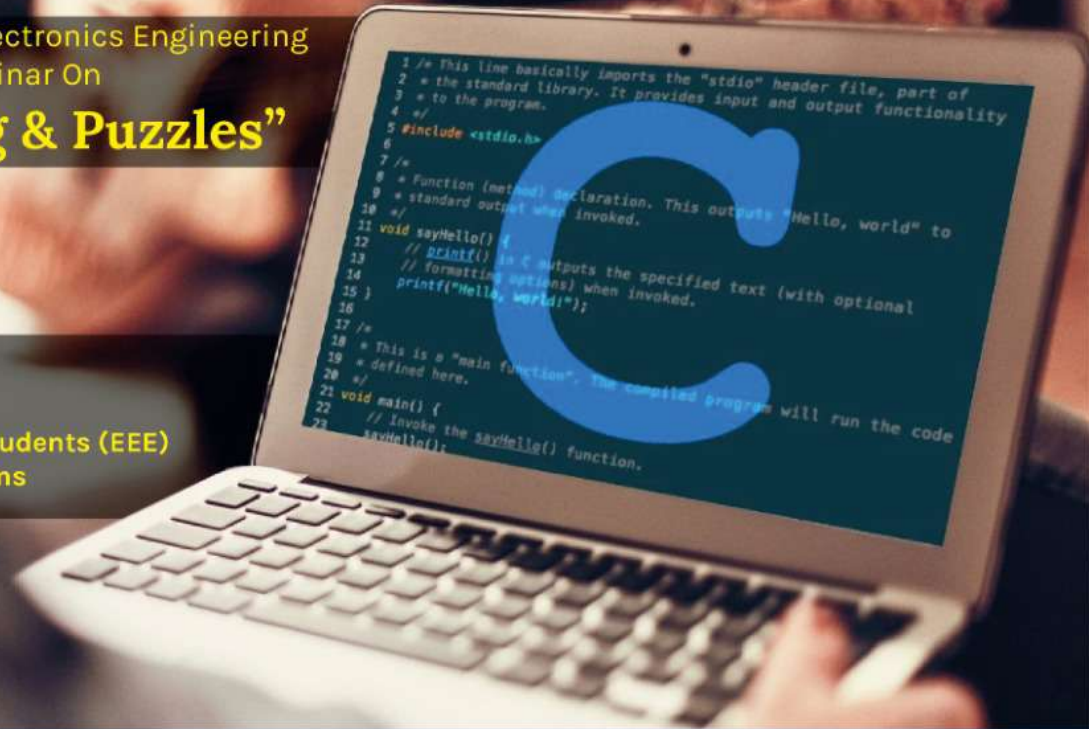
## “C Programming & Puzzles”

**Date: 26/6/2021**

**Time: 11am to 1pm**

**Target participants: Final Year Students (EEE)**

**Meeting Platform: Microsoft Teams**



### Resource Person

**Mr. Kiran B**

Assistant Professor

Department of Computer Science Engineering  
ATMECE, Mysuru.

### Objectives of the Webinar

- To enhance the programming skills in students.

### Chief Patrons

**Sri. L Arun Kumar**

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**Dr. Parthasarathy L**

Execom Member,  
IEEE Mysuru subsection.  
Professor & Head  
Department of EEE  
ATMECE, Mysuru

### Program Committee

**Mr. Praveen Kumar M**

Assistant Professor  
Department of EEE  
ATMECE, Mysuru

**Mr. Vinod Kumar P**

Assistant Professor  
Department of EEE  
ATMECE, Mysuru

Registration Link: <https://forms.gle/KTbtMhsYK8h1GShS8>





Reconnecting...



23 responses



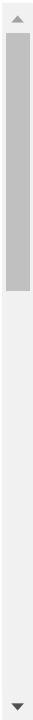
Accepting responses ☒

Summary   Question   Individual

Name

23 responses

- Arpitha R
- manojmahesh1998m@gmail.com
- Rakshith K N
- Gulabi P
- Mohamed Faris
- Prakash M R
- manoj k n
- Pavan.M
- Mahadevaswamy A S





Feedback on Webinar on “C Progra

Questions

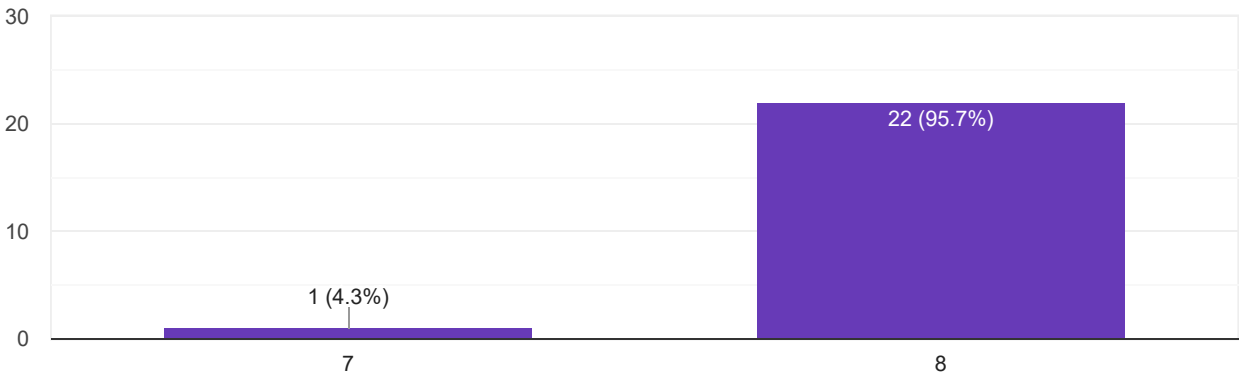
Responses23

Settings

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- 4ad17ee021
- 4AD18EE406
- 4ad17ee019
- 4AD18EE405
- 4ad17ee017

Semester

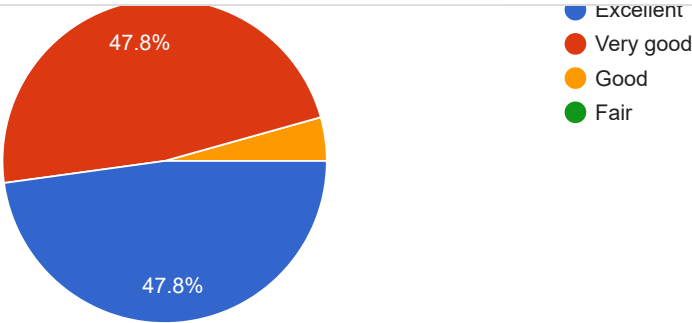
23 responses





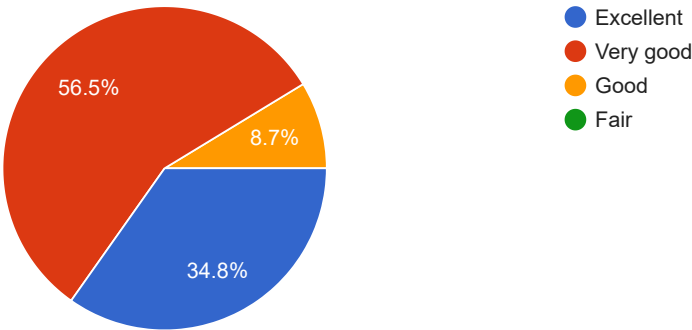
Feedback on Webinar on “C Progra

Questions   Responses   23   Settings



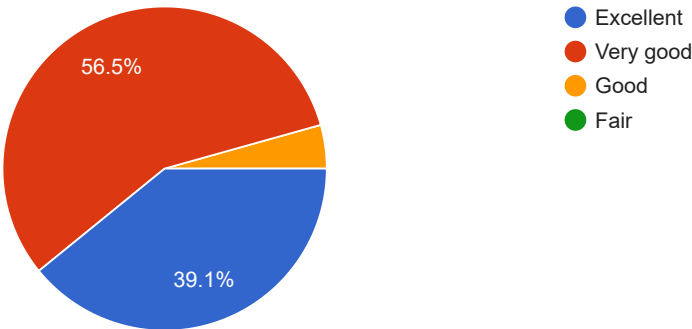
How would you rate the content of the webinar?

23 responses



How would you rate the overall webinar experience?

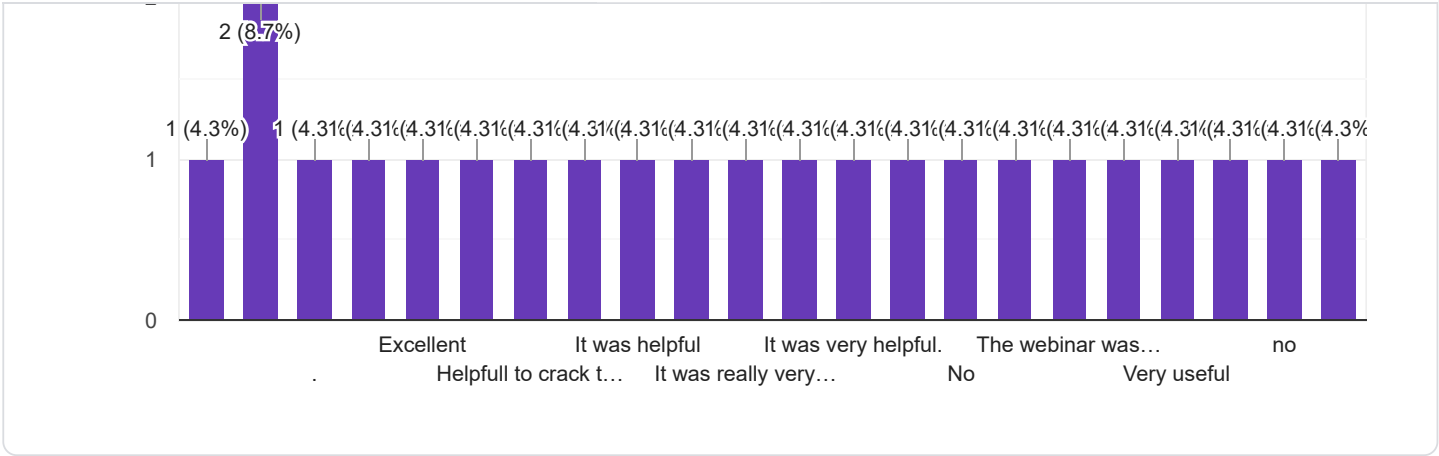
23 responses





Feedback on Webinar on “C Progr

Questions Responses 23 Settings



## Department of Electrical & Electronics Engineering

26<sup>th</sup> June 2021

### Webinar on “C Programming & Puzzles”

The Department of Electrical & Electronics Engineering had organised a Webinar on “**C Programming & Puzzles**” in ATMECE, for Final Year Students of Department of Electrical & Electronics Engineering on **26<sup>th</sup> June 2021**, objective of the webinar is to enhance the programming skills in students.

The webinar started with the brief introduction of the Resource Person Mr. Kiran B, Assistant Professor, Department of Computer Science Engineering, ATMECE, Mysuru and welcomed the participants.

Resource Person explained Fundamentals in C Programming Covering Operators, Expressions, Input-Output Functions, Control Statements, Arrays, Strings, Pointers, Functions, Storage Classes, Preprocessor Directives, Structures, Unions, Enumerations and Typedef, Command Line Arguments, & Files and gave valuable insights on bunch of c programming puzzles, that can improve logical knowledge to solve complex coding problems with different methods in students and concluded with Placement interview questions. It was a very informative session which helped everyone imbibe knowledge about the coding.

The session concluded with interactive session with question/answer session at conclusion.

Dr.Parthasarathy L, Head, Department of EEE, Webinar co-ordinator Mr.Praveen Kumar M, Mr. Vinod Kumar P, Mr Sathish K R and students were present on the occasion.

Enclosures: Evidence of Webinar



## Snapshot of webinar



**ATME**  
College of Engineering

Department of Electrical & Electronics Engineering  
Organizing Webinar On  
**"C Programming & Puzzles"**

Date: 26/6/2021  
Time: 11am to 1pm  
Target participants: Final Year Students (EEE)  
Meeting Platform: Microsoft Teams

**Resource Person**  
Mr. Kiran B  
Assistant Professor  
Department of Computer Science Engineering  
ATMECE, Mysuru.

**Objectives of the Webinar**  
• To enhance the programming skills in students.

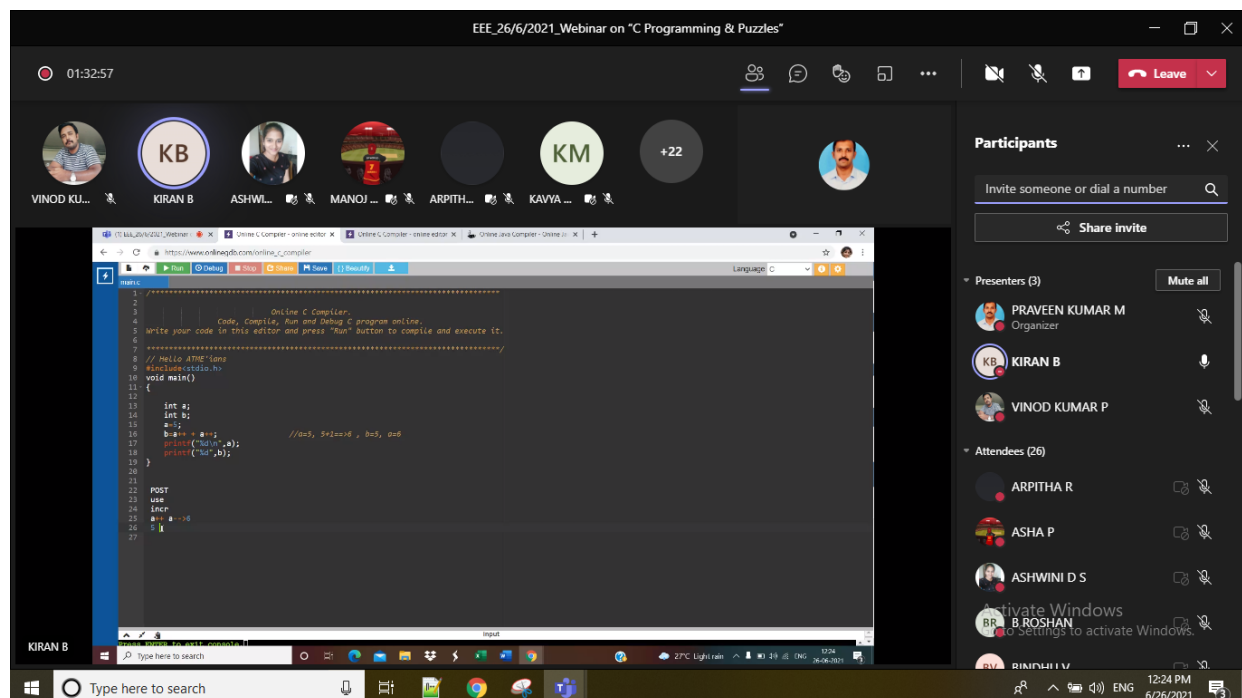
**Chief Patrons**  
Sri. L Arun Kumar  
Chairman, ATMECE, Mysuru  
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Dr. Parthasarathy L  
Execom Member,  
IEEE Mysuru subsection,  
Professor & Head  
Department of EEE  
ATMECE, Mysuru

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ATMECE, Mysuru  
Mr. Vinod Kumar P  
Assistant Professor  
Department of EEE  
ATMECE, Mysuru

Registration Link: <https://forms.gle/KTbtMhsYK8hIGShS8>



EEE\_26/6/2021\_Webinar on "C Programming & Puzzles"

01:32:57

Participants: VINOD K..., KIRAN B, ASHW..., MANOJ..., ARPITH..., KAVYA..., +22

Presenters (3): PRAVEEN KUMAR M (Organizer), KIRAN B, VINOD KUMAR P

Attendees (26): ARPITHA R, ASHA P, ASHWINI D S, B. ROSHAN, RIMPLI V

Code Editor Content:

```

1 // Online C Compiler.
2 Code, Compile, Run and Debug C program online.
3 Write your code in this editor and press "Run" button to compile and execute it.
4
5 // Hello ATME team
6 #include <stdio.h>
7
8 void main()
9 {
10     int a;
11     int b;
12     a=2;
13     b=3;
14     b=a++ + a++; //a=3, b=4, a=4, b=5
15     printf("a=%d, b=%d", a, b);
16     return(0);
17 }
18
19 POST
20 use
21 incr
22 a++ b++
23
24
25
26
27

```

Stream Link : <https://web.microsoftstream.com/video/c96cdc2f-e687-40a8-8f7a-717550ac7304>

# Meeting Summary

Total Number of

Participants

48

Meeting Title **C Programming & Puzzles**

Meeting Start Time 6/26/2021, 10:51:22 AM

Meeting End Time 6/26/2021, 1:14:24 PM

Full Name	Join Time	Leave Time	Duration	Email	Role
PRAVEEN KUMAR M	6/26/2021, 10:51:22 AM	6/26/2021, 1:14:24 PM	2h 23m	PRAVEENK	Organizer
SATHISH K R	6/26/2021, 10:53:38 AM	6/26/2021, 11:39:47 AM	46m 9s	SATHISHKR	Presenter
VINOD KUMAR P	6/26/2021, 10:54:01 AM	6/26/2021, 1:14:24 PM	2h 20m	VINODKUM	Presenter
KIRAN B	6/26/2021, 10:54:52 AM	6/26/2021, 1:14:24 PM	2h 19m	KIRANB_CS	Presenter
MANOJ K N	6/26/2021, 10:57:50 AM	6/26/2021, 10:58:00 AM	10s	MANOJKN	Attendee
MANOJ K N	6/26/2021, 11:02:55 AM	6/26/2021, 11:14:47 AM	11m 52s	MANOJKN	Attendee
MANOJ K N	6/26/2021, 11:17:02 AM	6/26/2021, 12:52:51 PM	1h 35m	MANOJKN	Attendee
MANOJ K N	6/26/2021, 12:58:35 PM	6/26/2021, 1:11:02 PM	12m 27s	MANOJKN	Attendee
RAKSHITH K N	6/26/2021, 10:58:27 AM	6/26/2021, 10:58:52 AM	25s	RAKSHITHK	Attendee
RAKSHITH K N	6/26/2021, 11:28:08 AM	6/26/2021, 11:28:59 AM	51s	RAKSHITHK	Attendee
RAKSHITH K N	6/26/2021, 11:54:46 AM	6/26/2021, 12:06:15 PM	11m 29s	RAKSHITHK	Attendee
RAKSHITH K N	6/26/2021, 12:52:41 PM	6/26/2021, 1:12:18 PM	19m 37s	RAKSHITHK	Attendee
ASHWINI D S	6/26/2021, 11:02:11 AM	6/26/2021, 1:13:57 PM	2h 11m	ASHWINID	Attendee
IMPANASG EE	6/26/2021, 11:02:33 AM	6/26/2021, 12:22:55 PM	1h 20m	IMPANASG	Attendee
IMPANASG EE	6/26/2021, 12:24:52 PM	6/26/2021, 1:08:02 PM	43m 10s	IMPANASG	Attendee
BINDHU V	6/26/2021, 11:02:35 AM	6/26/2021, 11:03:04 AM	29s	BINDHUV_	Attendee
BINDHU V	6/26/2021, 11:05:23 AM	6/26/2021, 1:13:28 PM	2h 8m	BINDHUV_	Attendee
GAGANA S	6/26/2021, 11:02:35 AM	6/26/2021, 11:44:03 AM	41m 28s	GAGANAS	Attendee
GAGANA S	6/26/2021, 11:50:05 AM	6/26/2021, 11:56:36 AM	6m 31s	GAGANAS	Attendee
INDRANI L	6/26/2021, 11:03:03 AM	6/26/2021, 1:14:24 PM	2h 11m	INDRANIL	Attendee
KAVYA H M	6/26/2021, 11:03:33 AM	6/26/2021, 1:11:52 PM	2h 8m	KAVYAHM	Attendee
DEEPTHI M	6/26/2021, 11:04:02 AM	6/26/2021, 1:12:47 PM	2h 8m	DEEPTHIM	Attendee
PALLAVI P N	6/26/2021, 11:04:43 AM	6/26/2021, 11:58:05 AM	53m 21s	PALLAVIPN	Attendee
SUPRITHA R	6/26/2021, 11:04:51 AM	6/26/2021, 1:13:05 PM	2h 8m	SUPRITHAR	Attendee
MOHAMED FARIS	6/26/2021, 11:04:54 AM	6/26/2021, 11:13:36 AM	8m 42s	MOHAMED	Attendee
MOHAMED FARIS	6/26/2021, 11:14:54 AM	6/26/2021, 1:11:06 PM	1h 56m	MOHAMED	Attendee
GULABI P	6/26/2021, 11:05:03 AM	6/26/2021, 1:10:57 PM	2h 5m	GULABIP_3	Attendee
MOHAMMED HUZAF	6/26/2021, 11:05:18 AM	6/26/2021, 1:14:24 PM	2h 9m	MOHAMMM	Attendee
MOHAMMED SHAH F	6/26/2021, 11:06:18 AM	6/26/2021, 11:26:19 AM	20m	MOHAMMM	Attendee
ARPITHAR EE	6/26/2021, 11:06:28 AM	6/26/2021, 1:11:23 PM	2h 4m	ARPITHAR	Attendee
TASMIYA DOUHA	6/26/2021, 11:06:54 AM	6/26/2021, 11:09:24 AM	2m 29s	TASMIYAD	Attendee
TASMIYA DOUHA	6/26/2021, 11:58:40 AM	6/26/2021, 12:15:05 PM	16m 24s	TASMIYAD	Attendee
SAHANAB EE	6/26/2021, 11:07:02 AM	6/26/2021, 1:14:00 PM	2h 6m	SAHANAB_	Attendee
SOWMYA M N	6/26/2021, 11:07:22 AM	6/26/2021, 1:12:31 PM	2h 5m	SOWMYAM	Attendee
VEDAVATHI R	6/26/2021, 11:09:40 AM	6/26/2021, 11:10:42 AM	1m 2s	VEDAVATH	Attendee
VEDAVATHI R	6/26/2021, 11:12:51 AM	6/26/2021, 11:38:51 AM	26m	VEDAVATH	Attendee
VEDAVATHI R	6/26/2021, 11:49:52 AM	6/26/2021, 12:00:29 PM	10m 37s	VEDAVATH	Attendee
VEDAVATHI R	6/26/2021, 12:18:17 PM	6/26/2021, 1:12:55 PM	54m 37s	VEDAVATH	Attendee

PRAKASH M R	6/26/2021, 11:10:27 AM	6/26/2021, 1:10:57 PM	2h	PRAKASHM	Attendee
SHWETHA N	6/26/2021, 11:11:57 AM	6/26/2021, 12:06:33 PM	54m 35s	SHWETHAN	Attendee
SHWETHA N	6/26/2021, 12:39:17 PM	6/26/2021, 1:08:51 PM	29m 33s	SHWETHAN	Attendee
SHARATH H S	6/26/2021, 11:12:54 AM	6/26/2021, 12:09:21 PM	56m 26s	SHARATHH	Attendee
SHARATH H S	6/26/2021, 12:10:51 PM	6/26/2021, 1:09:55 PM	59m 4s	SHARATHH	Attendee
PRIYANKA P D	6/26/2021, 11:13:53 AM	6/26/2021, 11:25:24 AM	11m 31s	PRIYANKAP	Attendee
HARSHA K M	6/26/2021, 11:15:55 AM	6/26/2021, 11:43:17 AM	27m 22s	HARSHAKM	Attendee
PAVAN M	6/26/2021, 11:16:17 AM	6/26/2021, 1:11:25 PM	1h 55m	PAVANM_3	Attendee
PARTHASARATHY L	6/26/2021, 11:17:42 AM	6/26/2021, 11:21:00 AM	3m 18s	PARTHASA	Presenter
B ROSHAN	6/26/2021, 11:18:58 AM	6/26/2021, 12:57:49 PM	1h 38m	BROSHAN	Attendee
MAMATHA	6/26/2021, 11:21:13 AM	6/26/2021, 1:08:23 PM	1h 47m	MAMATHA	Attendee
ASHA P	6/26/2021, 11:23:05 AM	6/26/2021, 11:58:38 AM	35m 32s	ASHAP_3E	Attendee
ASHA P	6/26/2021, 12:05:08 PM	6/26/2021, 12:57:32 PM	52m 24s	ASHAP_3E	Attendee
NAIK NEHA SURESH	6/26/2021, 11:24:25 AM	6/26/2021, 1:12:18 PM	1h 47m	NAIKNEHA	Attendee
Dr. SHAKUNTHALA C	6/26/2021, 11:25:52 AM	6/26/2021, 11:27:12 AM	1m 19s	Dr.SHAKUN	Attendee
Dr. SHAKUNTHALA C	6/26/2021, 12:05:26 PM	6/26/2021, 12:06:45 PM	1m 18s	Dr.SHAKUN	Attendee
Dr. SHAKUNTHALA C	6/26/2021, 12:13:27 PM	6/26/2021, 12:15:17 PM	1m 49s	Dr.SHAKUN	Attendee
LAKSHMI K	6/26/2021, 11:32:24 AM	6/26/2021, 12:04:04 PM	31m 39s	LAKSHMIK	Attendee
LAKSHMI K	6/26/2021, 12:18:42 PM	6/26/2021, 12:19:09 PM	27s	LAKSHMIK	Attendee
DHANYATHA M	6/26/2021, 11:32:32 AM	6/26/2021, 1:12:44 PM	1h 40m	DHANYATH	Attendee
MAHADEVA SWAMY A	6/26/2021, 11:32:34 AM	6/26/2021, 1:11:40 PM	1h 39m	MAHADEV	Attendee
SHREESHAYANA R	6/26/2021, 11:37:07 AM	6/26/2021, 11:58:26 AM	21m 18s	SHREESHA	Attendee
RAMYASHREES EE	6/26/2021, 11:45:35 AM	6/26/2021, 1:10:18 PM	1h 24m	RAMYASHR	Attendee
ROHITH D	6/26/2021, 11:56:00 AM	6/26/2021, 12:05:25 PM	9m 24s	ROHITHD_3	Attendee
SMITHAMP EE	6/26/2021, 12:05:30 PM	6/26/2021, 1:14:17 PM	1h 8m	SMITHAMP	Attendee
SIMRAH FATHIMA	6/26/2021, 12:06:44 PM	6/26/2021, 1:14:10 PM	1h 7m	SIMRAHFA	Attendee
PRADEEP K	6/26/2021, 12:15:19 PM	6/26/2021, 12:17:24 PM	2m 4s	PRADEEPPK	Attendee
RUQUIA NAAZ KHANU	6/26/2021, 12:37:07 PM	6/26/2021, 1:14:24 PM	37m 17s	RUQUIANA	Attendee
SYED RAWOOFUR RAH	6/26/2021, 12:43:46 PM	6/26/2021, 1:12:15 PM	28m 29s	SYEDRAWO	Attendee
MANOJ M	6/26/2021, 12:54:23 PM	6/26/2021, 1:11:30 PM	17m 7s	MANOJM_	Attendee

**ATME College of Engineering**

**C1.1.2 - The institution adheres to the academic calendar including for the conduct of CIE**

**Supporting Documents**

**Index**

Sl. No.	Academic Year	Particulars
1	<b>2020-21</b>	Academic Calendar- VTU
2		Academic Calendar- College
3		Academic Calendar- Department
4		Adherence Report
5		Sample IA Test Circular, Attendance & QP
6		Event - Report



A T M E  
College of Engineering



## Department of Mechanical Engineering

**ATME COLLEGE OF ENGINEERING**

13<sup>th</sup> Kilometer, Mysore-Kanakapura-Bangalore Road, Mysore – 570 028 P : 0821-2593335 F: 0821-2593328

Email: [info@atme.in](mailto:info@atme.in), Web : [www.atme.in](http://www.atme.in)





# 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/Academic/A9/2020-21/ **5086**

Dated: **- 5 JAN 2021**

## REVISED - NOTIFICATION

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students for the academic year 2020-21.

**Reference:**

1. VTU/BGM/SO2/2020-21/4162, dated 04.12.2020
2. Approval of Hon'ble Vice-Chancellor dated 05.01.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 is hereby notified as enclosed. The Principals of All Colleges of Engineering are hereby informed to bring the contents of this Notification to the notice of all the concerned.

Sd/-  
**REGISTRAR**

To,

1. The Principals of all Engineering Colleges under the ambit of VTU.

Copy to:

1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
3. Regional Directors of all Regional Offices of VTU.
4. The Special Officers of Academic Section of VTU, Belagavi.
5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

**2.5.1.21**  
**REGISTRAR**

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

	<b>REVISED</b> dates for Regular & Lateral Entry III Semester B.E./B.Tech. students
Commencement of ODD Semester	01.09.2020
Last Working day of ODD Semester	27.02.2021
Theory Examinations	06.03.2021 To 24.03.2021
Practical Examinations	25.03.2021 To 31.03.2021
Internship	---
Internship Viva-Voce	---
Professional training / Organization study	---
Commencement of EVEN Semester	01.04.2021

- 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**.

05.1.21  
**REGISTRAR**

VBV (A)



# 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/Academic/A9/2020-21/ 5146

Dated: 6 JAN 2021

## CORRIGENDUM

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students for the academic year 2020-21.

**Reference:**

1. VTU/BGM/Academic/A9/2020-21/5086, dated 05.01.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 was notified vide the reference mentioned (1). In case 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 Principals of all Autonomous Colleges of Engineering are hereby informed to bring the contents of this circular to the notice of all the concerned.

Sd/-  
REGISTRAR

To,

1. The Principals of all Autonomous Engineering Colleges under the ambit of VTU.

Copy to:

1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
3. Regional Directors of all Regional Offices of VTU.
4. The Special Officers of Academic Section of VTU, Belagavi.
5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

06.01.21  
REGISTRAR

VS

27



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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

## Visvesvaraya Technological University

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

"Jnana Sangama" Belagavi-590018, Karnataka, India

Phone: (0831) 2498100, Fax: (0831) 2405467, Website: vtu.ac.in

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

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/Academic/SO2/2020-21/6416

Dated: -11 MAR 2021

### REVISED - NOTIFICATION

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students of B.E./ B.Tech., for the academic year 2020-21.

#### Reference:

1. VTU/BGM/SO2/2020-21/4162, dated 04.12.2020
2. VTU/BGM/Academic/SO2/2020-21/5086, dated 05.01.2021
3. Approval of Hon'ble Vice-Chancellor dated 01.03.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 is hereby notified as enclosed.

The Principals of All Colleges of Engineering are hereby informed to bring the contents of this Notification to the notice of all the concerned.

Sd/-  
REGISTRAR

To,

1. The Principals of all Engineering Colleges under the ambit of VTU.

#### Copy to:

1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
3. Regional Directors of all Regional Offices of VTU.
4. The Special Officers of Academic Section of VTU, Belagavi.
5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.


  
REGISTRAR  
7/11



**Revised Academic Calendar of VTU, Belagavi  
for III Semester B.E./B.Tech. of 2020-21**

	<b>REVISED</b> dates for Regular & Lateral Entry III Semester B.E./B.Tech. students
Commencement of ODD Semester	<b>01.09.2020</b>
Last Working day of ODD Semester	<b>10.03.2021</b>
Theory Examinations	<b>15.03.2021 To 31.03.2021</b>
Practical Examinations	<b>05.04.2021 To 09.04.2021</b>
Internship	---
Internship Viva-Voce	---
Professional training / Organization study	---
Commencement of EVEN Semester	<b>12.04.2021</b>

- 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
- 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**. 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.

  
**REGISTRAR**  
7/13/21





# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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

## Visvesvaraya Technological University

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

"Jnana Sangama" Belagavi-590018, Karnataka, India

Phone: (0831) 2498100, Fax: (0831) 2405467, Website: vtua.ac.in

Phone: (0831) 2498100

Fax: (0831) 2405467

Registrar

Ref: VTU/BGM/BOS/A9/2020-21 /6652

Date: 12 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

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

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

Rangana B.1

REGISTRAR 12/03/21

7



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"ವಿಷಯ ಅಧಿನಿಯಮ ೧೯೯೪"ರ 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.

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/BOS/A9/2020-21 / 345

Date:

21 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.

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

21.4.2021.  
REGISTRAR



## Revised-Academic Calendar of EVEN semesters 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
	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021
Commencement of EVEN Semester	07.08.2021	07.08.2021	07.08.2021	07.08.2021	#20.07.2021	#20.07.2021	07.08.2021
Last Working day of EVEN Semester	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	---	---	---	---
Practical 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
Theory Examinations	---	---	---	---	---	---	---
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.

21.08.2021

REGISTRAR

[Signature]



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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

## Visvesvaraya Technological University

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

"Jnana Sangama" Belagavi-590018, Karnataka, India

Phone: (0831) 2498100, Fax: (0831) 2405467, Website: vtu.ac.in

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

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/BOS/A9/2020-21 / 345

Date:

21 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.

Copy to.

1. To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information
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5. PS to Registrar VTU Belagavi
6. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

21.4.2021.  
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
	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021
Commencement of EVEN Semester	07.08.2021	07.08.2021	07.08.2021	07.08.2021	#20.07.2021	#20.07.2021	07.08.2021
Last Working day of EVEN Semester	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	---	---	---	---
Practical 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
Theory Examinations	---	---	---	---	---	---	---
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.
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- 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.
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- 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

21



## ATME COLLEGE OF ENGINEERING, MYSURU

### Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
1	SEPTEMBER			1	2	3	4	5		3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup> Semester : commencement of Online Classes
2		6	7	8	9	10	11	12		
3		13	14	15	16	17	18	19	Mahalaya Amavasya	
4		20	21	22	23	24	25	26		
5		27	28	29	30					
5	OCTOBER					1	2	3	Gandhi Jayanthi	
6		4	5	6	7	8	9	10		First I A for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
7		11	12	13	14	15	16	17		
8		18	19	20	21	22	23	24		
9		25	26	27	28	29	30	31	Ayudha Pooja, Vijaya Dashami, Eid-Milad, Valmiki Jayanthi	
10	NOVEMBER	1	2	3	4	5	6	7	Kannada Rajyotsava	
11		8	9	10	11	12	13	14	Naraka Chaturdashi	Second IA for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
12		15	16	17	18	19	20	21	Balipadyami	Commencement of On-Campus Classes for Semester 7.
13		22	23	24	25	26	27	28		
14		29	30							

Non Working Saturdays

## ATME COLLEGE OF ENGINEERING, MYSURU

### Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	DECEMBER			1	2	3	4	5	Kanakadasa Jayanthi	
15		6	7	8	9	10	11	12		
16		13	14	15	16	17	18	19		
17		20	21	22	23	24	25	26	Christmas	
18		27	28	29	30	31				Third IA for Semesters 3, 5 and 7
18	JANUARY						1	2		
19		3	4	5	6	7	8	9		LAB Interenals for Semesters 3,5 and 7
20		10	11	12	13	14	15	16	Makra Sankranthi	Improvement IA for Semesters 3,5 and 7, LAST working day for ODD Sem 2020-21
21		17	18	19	20	21	22	23		Comencement of Odd Semester Practical Exams
22		24	25	26	27	28	29	30	Republic Day	
23		31								
23	FEBRUARY		1	2	3	4	5	6		End of Odd Semester Practical Exams
24		7	8	9	10	11	12	13		Commencement of Odd Semester Theory Exams
25		14	15	16	17	18	19	20		
26		21	22	23	24	25	26	27		
27		28								

Non Working Saturdays

No. Of Working Days	17	20	20	17	17	9	Total No. Of Working Days	100
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# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	MARCH		1	2	3	4	5	6		
15		7	8	9	10	11	12	13	Mahashivaratri	
16		14	15	16	17	18	19	20		
17		21	22	23	24	25	26	27		25 <sup>th</sup> End of odd semester Theory exams, 26 <sup>th</sup> Mar 2021 Commencement of Even Semester
18		28	29	30	31					
18	APRIL					1	2	3	Good Friday	
19		4	5	6	7	8	9	10		
20		11	12	13	14	15	16	17	Chadramana Yugadi, Ambedkar Jayanthi	
21		18	19	20	21	22	23	24		
22		25	26	27	28	29	30		Mahavir Jayanthi	
23	MAY							1	May Day (Labour Day)	
23		2	3	4	5	6	7	8		
24		9	10	11	12	13	14	15	Idul-Fitr, Basava Jayathi	
25		16	17	18	19	20	21	22		
26		23	24	25	26	27	28	29		
27		30	31							

Non Working Saturdays

Sd-  
Dr. L Basavaraj  
Principal

# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (EVEN SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
1	APRIL					1	2	3		
2		4	5	6	7	8	9	10		
3		11	12	13	14	15	16	17		
4		18	19	20	21	22	23	24		Commencement of 4 <sup>th</sup> , 6 <sup>th</sup> and 8 <sup>th</sup> Semester Classes
5		25	26	27	28	29	30			
5	MAY							1	May Day	
6		2	3	4	5	6	7	8		
7		9	10	11	12	13	14	15	Basava Jayanthi, Ramzan	
8		16	17	18	19	20	21	22		
9		23	24	25	26	27	28	29		FIRST IA 4TH AND 6TH SEM
		30	31							
10	JUNE			1	2	3	4	5		
11		6	7	8	9	10	11	12		
12		13	14	15	16	17	18	19		
13		20	21	22	23	24	25	26		
14		27	28	29	30					

**Non Working Saturdays**



# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (EVEN SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	JULY					1	2	3		SECOND IA 4TH AND 6TH SEM
15		4	5	6	7	8	9	10		
16		11	12	13	14	15	16	17		
17		18	19	20	21	22	23	24	Bakrid	8 <sup>th</sup> Sem Last Working Day, 8 <sup>th</sup> Sem Theory Exam Begins
18		25	26	27	28	29	30	31		8 <sup>th</sup> Sem Theory Exam Ends, THIRD IA 4 <sup>th</sup> AND 6 <sup>th</sup> SEM
18	AUGUST	1	2	3	4	5	6	7		4 <sup>th</sup> and 6 <sup>th</sup> Sem Last Working Day, 8 <sup>th</sup> Sem Internship Viva Voce. LAB IA 4 <sup>th</sup> and 6 <sup>th</sup> Sem.
19		8	9	10	11	12	13	14		Practical Exams Starts for 4 <sup>th</sup> and 6 <sup>th</sup> Sem
20		15	16	17	18	19	20	21	Muharram	Practical Exams Ends for 4 <sup>th</sup> and 6 <sup>th</sup> Sem
21		22	23	24	25	26	27	28		Theory Exams Starts for 4 <sup>th</sup> and 8 <sup>th</sup> Sem
22		29	30	31						
23	SEPTEMBER				1	2	3	4		
24		5	6	7	8	9	10	11	Ganesha Chathurthi	Theory Exams Starts for 4 <sup>th</sup> and 8 <sup>th</sup> Sem
25		12	13	14	15	16	17	18		
26		19	20	21	22	23	24	25	Non Working Saturdays	
27		26	27	28	29	30	31	32		
WORKING DAYS (8 <sup>th</sup> Sem)			14	14	13	13	13	6	73	
WORKING DAYS(4 <sup>th</sup> & 6 <sup>th</sup> )			16	16	15	16	16	7	86	Inclusive of IA tests and other activities

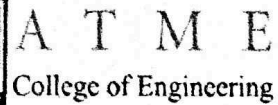
**DEAN ACADEMICS**  
**DR. M S GOVINDE GOWDA**

**PRINCIPAL**  
**DR. L BASAVARAJ**



### Academic calendar for the year 2020-21 (EVEN Semester)

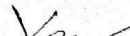
APRIL	W1				1	2	3	4	19 : Commencement of 4th, 6th and 8th Semester	
	W2	5	6	7	8	9	10	11		
	W3	12	13	14	15	16	17	18		
	W4	19	20	21	22	23	24	25		
	W5	26	27	28	29	30				
MAY	W6						1	2	24 to 26: First IA 4 <sup>th</sup> and 6 <sup>th</sup> sem	1: May Day/ Labour Day 14: Basava Jayanthi
	W7	3	4	5	6	7	8	9		
	W8	10	11	12	13	14	15	16		
	W9	17	18	19	20	21	22	23		
	W10	24	25	26	27	28	29	30		
	W11	31								
JUNE	W12		1	2	3	4	5	6		
	W13	7	8	9	10	11	12	13		
	W14	14	15	16	17	18	19	20		
	W15	21	22	23	24	25	26	27		
	W16	28	29	30						
JULY	W17				1	2	3	4	1 to 3: Second IA 4 <sup>th</sup> and 6 <sup>th</sup> sem 20: 8 <sup>th</sup> Sem Last Working Day 22: 8 <sup>th</sup> Sem Theory Exam Begins 30: 8 <sup>th</sup> Sem Theory Exam Ends 29 to 31: Third IA 4 <sup>th</sup> and 6 <sup>th</sup> Sem	21: Bakrid
	W18	5	6	7	8	9	10	11		
	W19	12	13	14	15	16	17	18		
	W20	19	20	21	22	23	24	25		
	W21	26	27	28	29	30	31			
AUGUST	W22							1	2 to 6: 8 <sup>th</sup> Sem Internship Viva Voce 7: 4 <sup>th</sup> and 6 <sup>th</sup> Sem Last Working Day 9 - 19: Practical Examination for 4 <sup>th</sup> and 6 <sup>th</sup> sem 23: Commencement of Theory Examination for 4 <sup>th</sup> and 6 <sup>th</sup> sem	20: Last Day of Moharam
	W23	2	3	4	5	6	7	8		
	W24	9	10	11	12	13	14	15		
	W25	16	17	18	19	20	21	22		
	W26	23	24	25	26	27	28	29		

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SEPTEMBER	W28			1	2	3	4	5	9: End of Theory examination for 4 <sup>th</sup> and 6 <sup>th</sup> sem 13: Commencement of ODD Semester	10: Ganesha Chathurthi
	W29	6	7	8	9	10	11	12		
	W30	13	14	15	16	17	18	19		
	W31	20	21	22	23	24	25	26		
	W32	27	28	29	30					

- \* Club Activities will be during all Wednesdays as per Schedule.**
- \* Aptitude trainings will be run as per schedule.**
- \* Technical trainings will be run as per schedule.**
- \* Mentoring as per scheduled timetable.**

List of Non working Saturdays	
	Date
	10/04/2021
	24/04/2021
	08/05/2021
	22/05/2021
	12/06/2021
	26/06/2021
	10/07/2021
	24/07/2021
	14/08/2021
	28/08/2021
	11/09/2021
	25/09/2021

  
HOD  
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ATME College of Engineering  
Mysuru - 570028

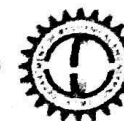
**Academic calendar for the year 2020-21 (ODD Semester)**

SEPTEMBER	W1		1	2	3	4	5	6	1: Commencement of Online Classes of ODD sem 2020-21 for higher semester.	17: Mahalaya Amavase
	W2	7	8	9	10	11	12	13		
	W3	14	15	16	17	18	19	20		
	W4	21	22	23	24	25	26	27		
	W5	28	29	30						
OCTOBER	W5				1	2	3	4	8, 9 & 10: First IA Test for higher Semester (III, V, VII sem) W8: Technical Talk	2: Gandhi Jayanthi 25: Ayudha Pooja 26: Vijaya Dashami 30: Eid-Milad 31: Valmiki Jayanthi
	W6	5	6	7	8	9	10	11		
	W7	12	13	14	15	16	17	18		
	W8	19	20	21	22	23	24	25		
	W9	26	27	28	29	30	31			
NOVEMBER	W9							1	11,12,13: Second IA Test for higher Semester (III,V,VII sem) W13: Technical talk 17: Commencement of On-Campus Classes for Semester 7	1: Kannada Rajyotsava 14: Naraka Chaturdashi 16: Bali Padyami
	W10	2	3	4	5	6	7	8		
	W11	9	10	11	12	13	14	15		
	W12	16	17	18	19	20	21	22		
	W13	23	24	25	26	27	28	29		
DECEMBER	W14	30							28,29,30: Third IA Test for higher Semester (III,V,VII sem)	3: Kanakadasa Jayanthi 25: Christmas
	W14		1	2	3	4	5	6		
	W15	7	8	9	10	11	12	13		
	W16	14	15	16	17	18	19	20		
	W17	21	22	23	24	25	26	27		
JANUARY	W18	28	29	30	31				1: Commencement of offline Classes for III Sem lateral entry students 7,8: Lab IA for higher Semester (V,VII sem) 11,12,13,15: Improvement IA for higher Semester (III,V,VII sem) 18: Commencement of Offline Classes for III(Regular), V Sem Students 21-30: Practical Examination Schedule for V & VII sem 27: First IA for III Sem Lateral entry students	14: Makara Shankranthi 26: Republic day
	W18					1	2	3		
	W19	4	5	6	7	8	9	10		
	W20	11	12	13	14	15	16	17		
	W21	18	19	20	21	22	23	24		
	W22	25	26	27	28	29	30	31		

### Department of Mechanical Engineering

<b>FEBRUARY</b>	W23	1	2	3	4	5	6	7	1,2,3: First IA for III Sem Lateral entry students 27: Last working day for 3rd Semester 19,20,22: Second IA for III Sem Lateral entry students 20: Commencement of Theory Examination for 5 <sup>th</sup> semester 26,27: Third IA for III Sem Lateral entry students 27: Commencement of Theory Examination for 7 <sup>th</sup> semester	
	W24	8	9	10	11	12	13	14		
	W25	15	16	17	18	19	20	21		
	W26	22	23	24	25	26	27	28		
<b>MARCH</b>	W27	1	2	3	4	5	6	7	1: Third IA for III Sem Lateral entry students 3: Lab IA for 3 <sup>rd</sup> semester. 10: Last working day for 3 <sup>rd</sup> semester 15: Commencement of Theory Examination for 3rd semester 31: End of Theory Examination for 3rd semester	1: Mahashivaratri
	W28	8	9	10		12	13	14		
	W29	15	16	17	18	19	20	21		
	W30	22	23	24	25	26	27	28		
	W31	29	30	31						
<b>APRIL</b>	W32				1		3	4	05-09: Practical Examination Schedule for 3rd semester 12: Commencement of Even semester	2: Good Friday 13: Chandramana yugadi 14: Ambedkar Jayanthi 25: Mahavir Jayanthi
	W33	5	6	7	8	9	10	11		
	W34	12	13	14	15	16	17	18		
	W35	19	20	21	22	23	24	25		
	W36	26	27	28	29	30				





**NOTE:**

- \* Club Activities will be during all Wednesdays as per Schedule.
- \* Aptitude trainings will be run as per schedule.
- \* Technical trainings will be run as per schedule.
- \* Mentoring as per scheduled timetable.

List of Non working Saturdays	
Date	
05-09-2020	
19-09-2020	
03-10-2020	
17-10-2020	
07-11-2020	
21-11-2020	
05-12-2020	
19-12-2020	
02-01-2021	
06-02-2021	
20-02-2021	
03-02-2021	
07-02-2021	

**H.O.D**

H.O.D

Department of Mechanical Engineering  
**ATME College of Engineering**  
Mysuru - 570028





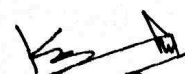
**ADHERENCE TO ACADEMIC CALENDER (2020-21 EVEN SEM)**

Sl. No.	Name of the Event	Date Planned	Date conducted	Remarks
1	Commencement of 4th, 6th and 8th Semester	19/04/2021	19/04/2021	As Planned
2	First IA 4 <sup>th</sup> and 6 <sup>th</sup> sem	24/05/2021 to 26/05/2021	07/06/2021 To 09/06/2021	Rescheduled due to COVID-19
3	Second IA 4 <sup>th</sup> and 6 <sup>th</sup> sem	01/07/2021 to 03/07/2021	29/07/2021 to 31/07/2021	Rescheduled due to COVID-19
4	Second IA 8 <sup>th</sup> sem	05/07/2021 06/07/2021	05/07/2021 06/07/2021	As Planned
5	Third IA 8 <sup>th</sup> sem	17/07/2021 19/07/2021	17/07/2021 19/07/2021	As Planned
6	8 <sup>th</sup> Sem Last Working Day	20/07/2021	20/07/2021	As Planned
7	8 <sup>th</sup> Sem Theory Exam Begins	22/07/2021	22/07/2021	As Planned
8	8 <sup>th</sup> Sem Theory Exam Ends	30/07/2021	30/07/2021	As Planned
9	Third IA 4 <sup>th</sup> and 6 <sup>th</sup> Sem	29/07/2021 to 31/07/2021	09/08/2021 To 11/08/2021	Rescheduled due to COVID-19
10	8 <sup>th</sup> Sem Internship Viva Voce	02/08/2021 to 06/08/2021	02/08/2021 to 06/08/2021	As Planned
11	4th and 6th Sem Last Working Day	07/08/2021	07/08/2021	As Planned
12	Practical Examination for 4 <sup>th</sup> and 6 <sup>th</sup> sem	09/08/2021 to 19/08/2021	09/08/2021 to 19/08/2021	As Planned
13	Commencement of Theory Examination for 4 <sup>th</sup> and 6 <sup>th</sup> sem	23/08/2021	23/08/2021	As Planned
14	End of Theory examination for 4 <sup>th</sup> and 6 <sup>th</sup> sem	09/09/2021	09/09/2021	As Planned
15	Commencement of ODD Semester	13/09/2021	13/09/2021	As Planned

  
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**ADHERENCE TO ACADEMIC CALENDER (2020-21 ODD SEM)**

Sl. No.	Name of the Event	Date Planned	Date conducted	Remarks
1	Commencement of Online Classes of ODD sem 2020-21 for higher semester.	01/09/2020	01.09.2020	As Planned
2	First IA Test for higher Semester (III, V, VII sem)	08/10/2020 to 10/10/2020	08/10/2020 To 10/10/2020	As Planned
3	W8. Technical Talk	W8	14/10/2020	
4	Second IA Test for higher Semester (III, V, VII sem)	11/11/2020 to 13/11/2020	12/11/2020 To 17/11/2020	
5	Commencement of On-Campus Classes for Semester 7	17/11/2020	17/11/2020	As Planned
6	Third IA Test for higher Semester (III, V, VII sem)	28/12/2020 to 30/12/2020	28/12/2020 To 30/12/2020	As Planned
7	Commencement of offline Classes for III Sem lateral entry students	01/01/2020	01/01/2020	As Planned
8	Lab IA for higher Semester (V, VII sem)	07/01/2020 08/01/2020	07/01/2020 08/01/2020	As Planned
9	Improvement IA for higher Semester (III, V, VII sem)	11/01/2021 to 15/01/2021	11/01/2021 To 15/01/2021	As Planned
10	Commencement of Offline Classes for III(Regular), V Sem Students	18/01/2021	18/01/2021	As Planned
11	Practical Examination Schedule for V & VII sem	21/01/2021 To 30/01/2021	21/01/2021 To 30/01/2021	As Planned
12	Fist IA for III Sem Lateral entry students	27/01/2021 to 03/02/2021	27/02/2021 To 3/02/2021	As Planned
13	Second IA for III Sem Lateral entry students	19/02/2021 to 22/02/2021	19/02/2021 To 21/02/2021	As Planned
14	Commencement of Theory Examination for 5 <sup>th</sup> semester	20/02/2021	20/02/2021	As Planned
15	Third IA for III Sem Lateral entry students	26/02/2021 to 1/03/2021	26/02/2021 To 28/02/2021	As Planned
16	Commencement of Theory Examination for 7 <sup>th</sup> semester	27/02/2021	27/02/2021	As Planned
17	Lab IA for 3 <sup>rd</sup> semester.	03/03/2021	03/03/2021	As Planned
18	Last working day for 3rd Semester	10/03/2021	10/03/2021	As Planned
19	Commencement of Theory Examination for 3rd semester	15/03/2021	15/03/2021	As Planned
20	End of Theory Examination for 3rd semester	31/03/2021	31/03/2021	As Planned
21	Practical Examination Schedule for 3rd semester	05/04/2021 To 09/04/2021	05/04/2021 To 09/04/2021	As Planned
22	Commencement of Even semester	12/04/2021	12/04/2021	As Planned



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 Mysuru - 570028



### 3<sup>rd</sup> Internal Time Table for Academic year 2020-21 (Even Semester)

Date & Time Semester	09/08/2021		10/08/2021		11/08/2021	
	10.00am to 11.30am	2.30pm to 4.00pm	10.00am to 11.30am	2.30pm to 4.00pm	10.00am to 11.30am	2.30pm to 4.00pm
4 <sup>th</sup>	18ME42 ATD	18ME43 FM	18ME44 KOM	18ME45B MCW (A-Section)	18MAT41 TCFC	18ME46B MMM
				18ME45A MCF (B-Section)		
6 <sup>th</sup>	18ME61 FEM	18ME641 NTM	18ME62 DME-II	--	18ME63 Heat Transfer	18ME65X Open Elective

Coordinator  
3/8/21

HOD  
H.O.D.  
03/8/2021  
Department of Mechanical Engineering  
ATME College of Engineering, Mysuru

Dean-Academic  
03/8/21

Principal  
PRINCIPAL  
ATME College of Engineering  
KM, Mysuru-Kanakapura-Bangalore Rd  
Melahalli, Mysuru - 570028



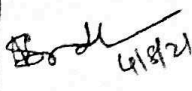

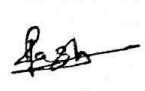


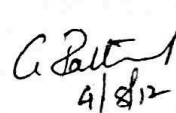
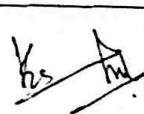
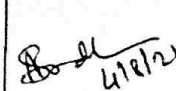
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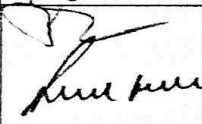
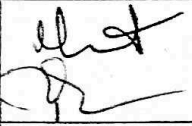
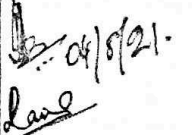


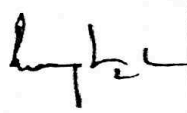
3<sup>rd</sup> IA PORTION- Even Sem-2020-21

Semester	Subject	Section	Faculty	3 <sup>rd</sup> IA Portion	Faculty Signature
4 <sup>th</sup> Sem	18MAT41	A	Sudhakar N	Module-4 Statistical Methods- Correlation and Regressions, Module-5 Joint Probability distribution and Sampling Theory	
		B	Bhanupriya J		
	18ME42	A	PAVAN KUMAR K P	MODULE 4: Psychometric and air-conditioning system	
		B	RAGHU	MODULE 5: Reciprocating compressors and steam nozzles	
	18ME43	A	RAGHU	MODULE 4: Dimensional analysis	
		B	PAVAN KUMAR K P	MODULE 5: compressible flow and CFD	
	18ME44	A	NIRANJAN KUMAR VS	Module-2 Relative Velocity Method and Problems	
		B	NIRANJAN KUMAR VS	Module-3 Velocity and Acceleration analysis by complex method and Freudenstein's Equations	
	18ME45A	B	Mr. Yashwanth N	Module 4 - Drawing and Extrusion Module 5 - Sheetmetal Operations, Bending and Types of Dies	
	18ME45B	A	Dr.Rathnakar.G	Module 5 - Soldering, Brazing & Metallurgy - Cal aspects in welding - Module 4 - welding process	
	18ME46B	A	Dr. Md Nadeem M	Module 4 - Intermediate modifying & terminating device M-5 Applied minm of strain & temp	
	18DIPMAT41	B	Sudhakar N	Module-2 Solution of polynomial and transcendental equations Newton-Raphson and Regula Falsi Method Module-4 Partial Differential Equations	

  
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**3<sup>rd</sup> IA PORTION- Even Sem-2020-21**

Semester	Subject	Section	Faculty	3 <sup>rd</sup> IA Portion	Faculty Signature
6 <sup>th</sup> Sem	18ME61	A	Mr. Rohith S	Module 4: Fluid flow	
		B	Dr. Suresh Kumar S	Module 5: Axisymmetric and Dynamic Consideration	
	18ME62	A	Mr. Karthikkumar M	Module 5: Bearings	
		B	Mr. Rohith S	Module 1: Belts	
	18ME63	A	Mr. Ravikumar S	Module-3- Radiation Heat transfer	
		B	Dr. M S Govinde Gowda	Module-5-Boiling and Condensation	
	18ME641	A	Dr. Chethan S	Module 4: Electric Discharge Machining	
		B	Dr. Srinivasa K	Module 5: Laser Beam Machining & Electron Beam Machining	
	18ME65X Elective	A	Ms. Namitha AP	Module 4: Data models	
		B		Module 5: Integrated applications of RS and GIS	
	18EE653	A	Mr. Raghavendra L	Module-4: Biomass, Biogas and Tidal Energy.	
		B		Module-5: Sea Wave Energy and OTEC	

  
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## 2<sup>nd</sup> Internal Time Table for Academic year 2020-21 (Even Semester)

Date & Time Semester	29/07/2021		30/07/2021		31/07/2021	
	10.00am to 11.30am	2.30pm to 4.00pm	10.00am to 11.30am	2.30pm to 4.00pm	10.00am to 11.30am	2.30pm to 4.00pm
4 <sup>th</sup>	18ME42 ATD	18ME43 FM	18ME45B MCW (A-Section)	18MAT41 TCFC	18ME44 KOM	18ME46B MMM
			18ME45A MCF (B-Section)			
6 <sup>th</sup>	18ME61 FEM	18ME641 NTM	18ME62 DME-II	--	18ME63 Heat Transfer	18ME65X Open Elective

*Mohammed*  
26/7/21  
Coordinator

*K. S. A.*  
26/7/2021  
HOD  
H.O.D.  
Department of Mechanical Engineering  
ATME College of Engineering, Mysuru

*[Signature]*  
26/7/21  
Dean-Academic

*[Signature]*  
26/7/21  
Principal  
ATME College of Engineering  
4th KM, Mysuru-Kanakapura-Bangalore Road  
Meliyhalli, Mysuru-570028



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## Second IA PORTION- Even Sem-2020-21

Semester	Subject	Section	Faculty	2nd IA Portion	Faculty Signature
6 <sup>th</sup> Sem	18ME61	A	Mr. Rohith S	Module 3 - Beams and Torsion of shaft	
		B	Dr. Suresh Kumar S	Module 4 - Heat Transfer (Composite wall and Fins)	
	18ME62	A	Mr. Karthikkumar M	Module 4 - Design of Brakes and Clutches	
		B	Mr. Rohith S	Module 5 - Lubrication and Bearing	
	18ME63	A	Mr. Ravikumar S	Module 2-Chapter3-Transient Heat Conduction	
		B	Dr. M S Govinde Gowda	Module 4- Forced and Free Convection	
	18ME641	A	Dr. Chethan S	Module 3 - Electrochemical Machining, Chemical Machining	
		B	Dr. Srinivasa K	Module 4 - Plasma Arc Machining	
	18ME65X Elective	A	Ms. Namitha AP	Module 2- Resolutions , image enhancement and types of errors in RS	
		B		Module 3- Components of GIS, Map projections , coordinate systems, UTM Zones	
	18EE653	A	Mr. Raghavendra L	Module-2:- Solar Cells	
		B		Module-3:- Hydrogen energy, wind energy, Geothermal energy and SWTAR	

  
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**Second IA PORTION- Even Sem-2020-21**

Semester	Subject	Section	Faculty	2nd IA Portion	Faculty Signature
4 <sup>th</sup> Sem	18MAT41	A	Sudhakar N	Module 3 - Probability Distributions	
		B	Bhanupriya J	Module 4 - Curve Fitting	
	18ME42	A	PAVAN KUMAR K P	Module 3 - Vapour power cycles Module 4 - Refrigeration cycles	
		B	RAGHU		
	18ME43	A	RAGHU	Module 3- Fluid Dynamics, Laminar flow and Turbulent flow Module 4- Flow over bodies	
		B	PAVAN KUMAR K P		
	18ME44	A	NIRANJAN KUMAR VS	Module 4 Cams Module 2 Velocity Analysis by Instantaneous Centre Method	
		B	NIRANJAN KUMAR VS		
	18ME45A	B	Mr. Yashwanth N	Module 3 - Tool life and Tool wear Module 4 - Forging and Rolling	
	18ME45B	A	Dr.Rathnakar.G	<del>Module 4 - Welding process</del> <del>Module 3 - Solidification</del>	
	18ME46B	A	Dr. Md Nadeem M	Module 3 - Measurement of screw thread and gear and Gear tooth Measurements Module 4 - Measurement systems and basic concepts of measurement methods	
	18DIPMAT41	B	Sudhakar N	Module - 2 - Numerical Methods Module - 3 - Higher order ODE's (except N-R & Runge Kutta method)	

(except N-R & Runge Kutta method)

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## Department of Mechanical Engineering

## FIRST INTERNAL ASSESMENT

COURSE	:	Fluid Power Systems	TIME	:	2:30-04.00 pm
COURSE CODE	:	17ME72	DATE	:	08/10/2020
SEM/SEC	:	7 <sup>th</sup> Semester A & B	MAX. MARKS	:	50

	PART-A-Answer any three full Questions	Mark	CO	RBT
01.	<b>a) i) Fluid Power deals with _____</b> a) Generation of power.      b) Control of Power. c) Transmission of power. <del>d) All of the above.</del>	2 M	CO1	L1
	<b>ii) What is the function of control valves in hydraulic system?</b> a) To control oil flow direction      b) To control operating pressure c) To control oil flow rate. <del>d) All of the above.</del>			
	<b>b) State Pascal's law? With a neat block diagram, explain the structure of hydraulic power system?</b>	8 M		L2
02.	<b>a) i) The ability of the hydraulic fluid to resist emulsification is known as</b> a) Lubricity.      b) Viscosity . <del>c) Demulsibility.</del> d) Oxidation stability.	2 M	CO1	L1
	<b>ii) What is the function of hydraulic fluid?</b> a) To transmit power      b) To lubricate moving parts c) To dissipate heat. <del>d) All of the above</del>			
	<b>b) Explain three basic types of filtering methods used in hydraulic system?</b>	8 M		L2
03.	<b>a) i) The function of a Seal is</b> • a) To prevent leakage      b) To maintain pressure c) To keep out contamination <del>d) All of the above</del>	2 M	CO1	L1
	<b>ii) Which device is used to remove foreign particles from the hydraulic fluid?</b> a) Filters      b) Strainers <del>c) Both a. &amp; b.</del> d) None of the above			
	<b>b) What are the desirable properties of hydraulic fluids? Explain briefly.</b>	8 M		L2
04.	<b>a) i) What is the result of contamination of hydraulic fluid</b> a) Acceleration of components      b) Sluggish operation c) Damage of seal <del>d) All of the above</del>	2 M	CO1	L1
	<b>ii) Which of the following pumps has high volumetric efficiency.</b> a) Gear Pump      b) Vane Pump <del>c) Piston pump.</del> d) None of the above			
	<b>b) How are hydraulic seals classified? Explain in detail?</b>	8 M		L2





	PART-B-Answer any two full Questions	Marks	Cos	BTL
05.	a) i) _____ type of pump is used for low pressure & high-volume flow applications <del>a) Dynamic pumps</del> b) Positive displacement pump c) Both a. & b. d) None of the above.	2 M	CO2	L1
	ii) _____ type of pump is universally used for Fluid power system a) Dynamic pump <del>b) Positive displacement pump.</del> c) Both a. & b. d) None of the above			
	b) A pump has displacement volume of 100 cm <sup>3</sup> . It delivers 0.0015m <sup>3</sup> /sec at 1000rpm and 70bar. If the prime mover input torque is 120 N-m, calculate a) the overall efficiency of the pump b) theoretical torque required to operate the pump.	8 M		L3
06.	a) i) _____ pumps are less expensive & limited to low pressures <del>a) Gear pumps</del> b) Vane pumps c) Piston pumps d) None of the above ii) _____ pump has cylinder block & drive shaft located on same center line <del>a) Swash plate type</del> b) Bent axis type c) Both a. & b. d) None of the above	2 M	CO2	L1
	b) With neat sketch explain the construction and working of a External gear pump.	8 M		L2
07.	a) i) The ratio of actual flow rate of the pump to the theoretical flow rate of the pump is known as <del>a) Volumetric efficiency</del> b) Mechanical efficiency c) Overall efficiency. d) None of the above ii) _____ Refers to efficiency of the pump due to energy losses other than leakages a) Volumetric efficiency <del>b) Mechanical efficiency</del> c) Overall efficiency. d) None of the above	2 M	CO2	L1
	b) With neat sketch explain the Weight loaded and spring loaded accumulator	8 M		L2

Yashwanth R & HARTHIK. M

Name & Signature of Course Coordinator

*[Signature]*

*[Signature]*

HoD Signature

H.O.D.

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### Internal Assessment Scheme & Solution

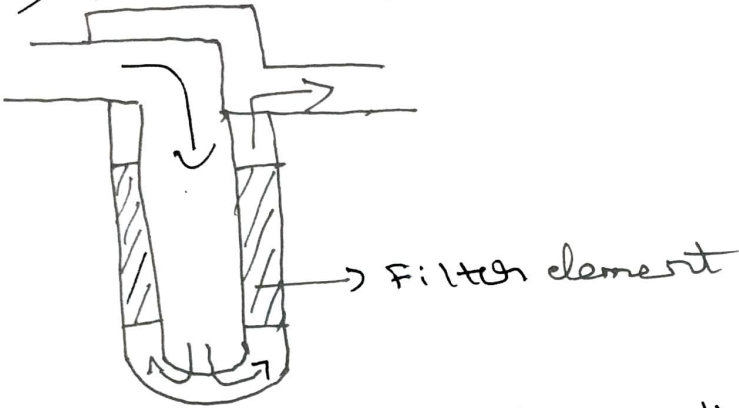
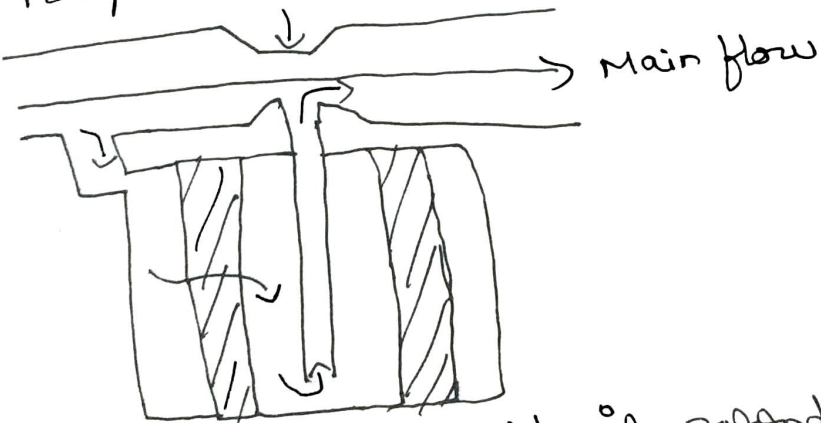
Faculty Name: Yashwanth R & KARTHIK.M Date of I.A: 08/10/2020

Subject with Code: Fluid Power System - 17ME72 Class: 7<sup>th</sup> A & B

Q. No	Scheme & Solution	Marks Allotted	CO/ RBT
1)	<p>a) i option d → All of the above ii option d → All of the above</p> <p>b)</p> <p>“Pascals law states that pressure applied to a confined fluid is transmitted undiminished in all directions throughout the fluid &amp; acts perpendicular to the surface in contact with the fluid.”</p>	<p>02</p> <p>02</p> <p>03</p>	CO1

Q. No	Scheme & Solution	Marks Allotted	CO/ RBT
	<ul style="list-style-type: none"> <li>→ A tank to hold the hydraulic oil</li> <li>→ A pump to force the oil through the system.</li> <li>→ An electric motor to drive the pump</li> <li>→ valves to control the oil direction, P.S. &amp; flow rate</li> <li>→ An actuator to convert the P.S. of the oil into mechanical force to do the useful work</li> <li>→ Piping to carry the oil from one location to the other.</li> </ul>	03	



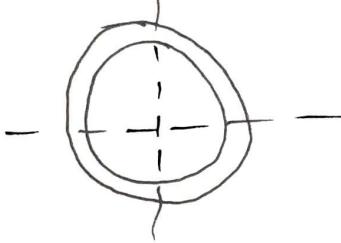
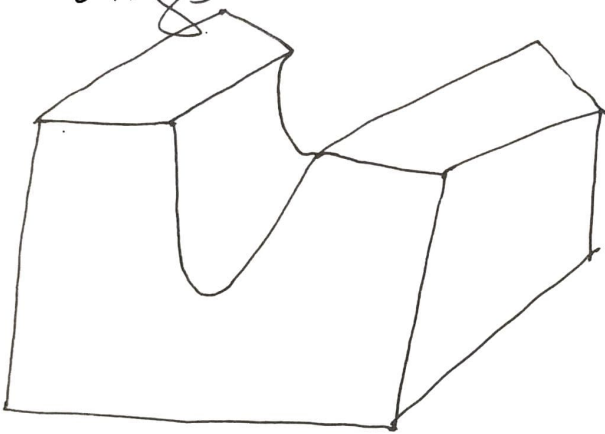
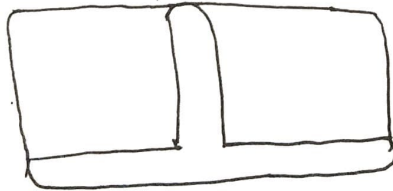
Q. No	Scheme & Solution	Marks Allotted	CO/RBT
	<p data-bbox="230 128 1142 262">ii) Depending on the amount of oil filtered by the filter</p> <p data-bbox="230 310 829 378">1) Full Flow filter :-</p>  <p data-bbox="230 745 1164 1050">Full flow of oil is entering the filter element at its inlet &amp; must be expelled through the outlet after crossing the filter element fully.</p> <p data-bbox="230 1050 885 1144">2) Proportional filter :-</p>  <p data-bbox="218 1512 1172 1774">In this type portion of oil is passed through the filter instead of entire volume &amp; main flow is directly passed without filtration</p>	03	

Q. No	Scheme & Solution	Marks Allotted	CO/RBT
	<p>iii) Depending on Filter location</p> <p>Suction line filter</p> <p>Pressure line filter</p> <p>Return line filter</p> <p>03</p> <p>Suction line filter :- This filter is located before the pump</p> <p>Pressure line filter :- Pressure line filters are located at the pump outlet.</p> <p>Return line filter :- This filter is located in return line</p>		



Q. No	Scheme & Solution	Marks Allotted	CO/ RBT
3)	<p>a)</p> <ul style="list-style-type: none"> <li>i. option d <math>\rightarrow</math> all the above</li> <li>ii. option c <math>\rightarrow</math> Both a &amp; b</li> </ul> <p>b)</p> <p>1) viscosity :- It is a measure of fluids internal resistance</p> <p>2) viscosity index :- This value shows how temp. affects the viscosity of oil</p> <p>3) oxidation stability :- It is the imp. property &amp; oxidation is caused by chemical reaction between oxygen of dissolved air &amp; the oil</p> <p>4) Demulsibility :- The ability of hydraulic fluid to separate rapidly from moisture &amp; resist emulsification</p> <p>5) lubricity :- The ability to lubricate the moving parts.</p> <p>6) Rust prevention :- The ability to resist rust into hydraulic system</p>	02	CO1

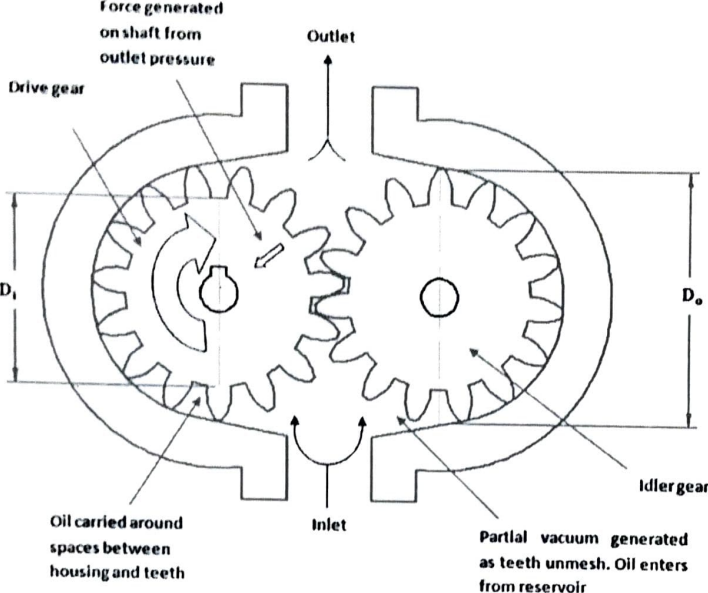
Q. No	Scheme & Solution	Marks Allotted	CO/RBT
	<p>7) Pour Point :- The temp. at which oil will clot is known as pour point</p> <p>8) Density :- It is the quantity of matter contained in unit volume of subst.</p> <p>4) a) i. option d → All the above ii. option c → Piston pump</p> <p>b)</p> <p>1) According to method of sealing</p> <ul style="list-style-type: none"> <li>• Positive Sealing :- Positive seal prevents even a minute amount of oil from getting past</li> <li>• Non positive Sealing :- allows a small amount of internal leakage</li> </ul> <p>2) According to relative motion existing between seals</p> <ul style="list-style-type: none"> <li>• Static Seals :- These are used between mating parts that do not move relative to one another</li> </ul>	02	CO1
		08	

Q. No	Scheme & Solution	Marks Allotted	CO/ RBT
	<p>•&gt; Dynamic Seals :- These are assembled between mating parts.</p> <p>3) According to geometrical c/s :-</p> <p>•&gt; O rings :-</p>  <p>•&gt; V-rings :-</p>  <p>•&gt; T-rings :-</p> 		



Q. No	Scheme & Solution	Marks Allotted	CO/RBT
	$T_T = T_A \times \eta_m = 120 \times 0.92$ $\underline{T_T = 111.408 \text{ Nm}}$	01	
6)	<p>a) i. option a → Gear pump  ii. option a → Swash plate type</p> <p>b)</p> <p>External gear pumps are the most popular hydraulic pumps in low pressure ranges due to their long life, high efficiency &amp; low cost. They are generally used in a simple machine. The external gear pump consist of a pump housing in which a pair of precisely machined meshing gears turn with minimal radial &amp; axial clearances. One of the gears called a driver is driven by prime mover. Following is the figure</p>	02	CO2
		04	



Q. No	Scheme & Solution	Marks Allotted	CO/RBT
	 <p>The diagram illustrates a gear pump mechanism. It consists of two meshing gears, a Drive gear and an Idler gear, housed within a circular housing. The Drive gear is on the left, and the Idler gear is on the right. The housing has an Inlet at the bottom and an Outlet at the top. The Drive gear is labeled with <math>D_i</math> and the Idler gear with <math>D_o</math>. The diagram shows the flow of oil from the Inlet, through the meshing gears, and out to the Outlet. Labels indicate the force generated on the shaft from outlet pressure, the oil carried around the spaces between the housing and teeth, and the partial vacuum generated as the teeth unmesh, which causes oil to enter from the reservoir.</p> <p>The driver drives another gear called a follower.</p> <p>As the teeth of the two gears separate, the fluid from the pump inlet gets trapped between the rotating gear cavities &amp; pump housing. The trapped fluid is then carried around the periphery of the pump casing &amp; delivered to outlet port.</p>	04	







DEPARTMENT OF MECHANICAL ENGINEERING

Dr. Srinivasa K  
Professor and Head

Date: 02.09.2020

Report  
on  
International Webinar on Effective Presentation Skills

International webinar conducted on September 1<sup>st</sup> 2020, through online on the topic "Effective Presentation Skills". This webinar was organized with the intension to expose the outgoing students (Batch-2019-2020) and final year students (2020-2021) in connection to improve their presentation skills.

The invited speaker **Mr. Muralidhar Govindaswamy**, addressed our students with the above said topic and expressed best wishes to outgoing students at the end of the session.

Mr. Devaraj M R welcomed the speaker and all the participants to the webinar. Mr. Yashwanth N rendered the vote of thanks to all participants and speaker. Dr. Mohanakumara introduced the speaker Mr. Muralidhar Govindaswamy before the audience. The event coordinated by Mr. Devaraj M R, Dr. Mohanakumara K C, Mr. Yashwanth N and Mr. Niranjan Kumar V S.



Speaker discussing queries

**Mr. Muralidhar Govindaswamy**

Designation: Consultant

Email: [Muralidhar.govindaswamy@kpn.com](mailto:Muralidhar.govindaswamy@kpn.com)

Company: KPN N.V.

Address: Royal KPN N.V.

Wilhelminakade 123 3072 AP Rotterdam,

The Netherlands

**International Webinar**

**Topic: Effective Presentation skills**

**Date: 1<sup>st</sup> September 2020**

**Time: 1.30PM**

Academy for Technical & Management Excellence

13th Kilometer, Mysore-Bannur Road, Mysore - 570 028

P: 0821-2593335 F: 0821-2593328

E-Mail: [medept@atme.in](mailto:medept@atme.in)

[www.atme.in](http://www.atme.in)

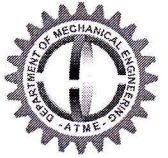
Department of Mechanical Engineering  
ATME College of Engineering, Mysuru-28

HOD  
Department of Mechanical Engineering  
ATME College of Engineering  
Mysuru - 570028



# ATME

College of Engineering



## Department of Mechanical Engineering

To,  
The Principal  
ATMECE, Mysuru

Date: 25.08.2020

Through, **Head of the Department**, Department of Mechanical Engg.


Department of Mechanical engineering is planning to conduct international webinar on the topic **"Effective Presentation Skills"** on **September 1<sup>st</sup> 2020** for outgoing students (Batch-2019-2020) and final year students (2020-2021) with the intension to share the information on the above said topic which will help them to improve their presentation skills in their future career.


Hence, requesting you to kindly give permission to conduct this webinar on the above said date.

Thanking you sir.

Forwarded to Principal for kind approval.

Yours faithfully

  
(DEVARAJ MR)

  
H.O.D.  
Department of Mechanical Engineering  
ATME College of Engineering, Mysuru

Department of Mechanical Engineering  
ATME College of Engineering, Mysuru

Approved



ATME COLLEGE OF ENGINEERING

13th Kilometer, Mysore-Kanakapura-Bangalore Road, Mysore - 570 028 P: 0821-2593335 F: 0821-2593328  
Email : info@atme.in Web : www.atme.in





# A T M E

College of Engineering



## Department of Mechanical Engineering



### International Webinar on- Effective Presentation Skills

Date: 1<sup>st</sup> September | Time: 2.00 pm

#### Resource Person:



**Mr. Muralidhar Govindaswamy**

Consultant

Royal KPN N.V., Wilhelminakade  
Rotterdam, The Netherlands

#### Co-ordinators:

**Prof. Devaraj M R,**

Asso. Prof.,

Dept. Mechanical Engineering

**Dr. Mohanakumara K C,**

Asst. Prof.,

Dept. Mechanical Engineering

**Prof. Niranjan Kumar V S,**

Asst. Prof.,

Dept. Mechanical Engineering

**Prof. Yashwanth N,**

Asst. Prof.,

Dept. Mechanical Engineering

#### For information please contact:

**Prof. Devaraj M R**

9972322811

**Prof. Yashwanth N**

9663994514

**E-Certificates will be issued to the participants those  
who submitted their feedback form**

**Registration Link: <https://forms.gle/PGSsaonX3dPooW6Z9>**



**Dr. Srinivasa K**  
**Professor and Head**

**Date:02.09.2020**

**Report**  
**on**  
**International Webinar on Effective Presentation Skills**

International webinar conducted on **September 1<sup>st</sup> 2020**, through online on the topic **“Effective Presentation Skills”**. This webinar was organized with the intension to expose the **outgoing students (Batch-2019-2020) and final year students (2020-2021)** in connection to improve their presentation skills.

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Speaker discussing queries

**Mr.Muralidhar Govindaswamy**

Designation: Consultant

Email: [Muralidhar.govindaswamy@kpn.com](mailto:Muralidhar.govindaswamy@kpn.com)

Company: KPN N.V.

Address: Royal KPN N.V.

Wilhelminakade 123 3072 AP Rotterdam,

The Netherlands

**International Webinar**

**Topic: Effective Presentation skills**

**Date: 1<sup>st</sup> September 2020**

**Time: 1.30PM**

Academy for Technical & Management Excellence

13th Kilometer, Mysore-Bannur Road, Mysore - 570 025

P: 0821-2593035 F: 0821-2593328

E-Mail: [mecdept@atme.in](mailto:mecdept@atme.in)

[www.atme.in](http://www.atme.in)



## Contact

murligng@gmail.com

www.linkedin.com/in/  
muralidhargovindaswamy  
(LinkedIn)

## Top Skills

Storage

Servers

Virtualization

## Certifications

TOGAF

## Awards

Mindtree Pillar

# Muralidhar Govindaswamy - MG

Migration Consultant

The Hague

## Summary

Over the past years, I have transformed myself as a seasoned migration consultant having worked with diverse Customers and their IT issues. Coordinating with vendors and working with excellent group of colleagues to migrate, transform, consolidate and solve various application and infrastructure challenges.

I am a Migration Consultant experienced in Application Centric Migrations across Data Centers, Private and Public Cloud.

Infrastructure consolidation,

application Rationalisation and Transformation.

Expertise in wide variety of migration strategies and methods.

Purpose driven professional with expertise in Virtualisation, Storage, Network security, DC Infrastructure.

Make Infrastructure architecture designs for Application landscape

Work closely with Teams to derive tailor made migration strategies and road-maps

Knowledge and overview of Databases [SQL, Oracle]

Knowledge of Active Directory Domain Controllers

Adept in documentation and presentations.

Design Migration environments with the best fitting migration tools

Design resilient Application DR environments

## Areas of Expertise:

Server Virtualisation: VMware

Storage SAN: IBM SVC, EMC

Network security: Firewalls, Loadbalancers,

Tools: PlateSpin Migrate, Carbonite Move, VMware Converter, Appzero, Puppet, BMC discovery

Solution Design Consultant - Data Center Migrations, transformation, design & Consolidation to Cloud platforms, DR tests

TOGAF certified

Prince2 Trained



VMware certified  
CCNA trained  
Knowledge of AWS

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## Experience

### KPN

#### Migration Consultant

February 2016 - Present (4 years 7 months)

The Hague Area, Netherlands

Technical Consultant - Application/server Migrations , Datacenter consolidation and optimization

Responsible in migrating Customer applications to KPN Cloud platforms, making High Level and Detailed Technical designs per applications, prepare Infrastructure design that comply with KPN Security policies [KSP] and to match application functionality

- I closely work together with our Customers in assisting them to migrate applications to KPN datacenters, Public and Private cloud
- Work and coordinate with multiple Teams to troubleshoot, fine tune and solve application and infrastructure related problems
- Perform risk analysis and mitigation plans to migrate applications successfully across datacenters
- Perform due diligence and intake to design secured application and infrastructure environments to successfully migrate, test and deliver applications
- Ensure and emphasise on network security
- Documentation and knowledge management throughout the program/project life cycle.
- Make High level and Low level technical designs, migration run books and coordinate to successfully migrate applications across datacenters.

### Mindtree Ltd.

9 years 5 months

#### Technical Consultant

January 2013 - January 2016 (3 years 1 month)

The Netherlands



As a Technical Consultant and lead for data center migrations, responsible to design and implement migration environments to migrate Customers' application and server environments in the Infrastructure stack

Responsible for Project intake, Impact assessments and risk management

Prepare Technical Designs for applications in migration scenarios

Project Initiation and kick-off, communications, Customer management, efficiency and savings

related to resources, deployment of resources, planning and execution, monitoring and control,

RCA analysis, savings projection and achieving them

Emphasize to design best and cost efficient solutions to ensure Project costs are within the

budget and by suggesting appropriate tools

Execute and coordinate migrations, ensure smooth takeover & handover to maintenance Teams

Managing onshore Projects involving Mindtree Teams

Roll up my sleeves as an Engineer to performing migrations as and when required

Improving the Way of Working, monitoring quality and quantity aspects, technical consultant for \

on shore project managers, advising PM's on approach, planning, managing escalation

Governance and reporting

#### Technical Lead

January 2011 - December 2012 (2 years)

Bangalore

As a Technical Lead, I was responsible for the following

Implement migration environments and migrate applications across data centers

Coordinate with Application owners, schedule migrations

Perform numerous migrations along with a Team of technical specialists and responsible for delivery

Coordinate Migrations with other Teams to ensure Pre and post migrations activities are executed

Report to Customer and Delivery Manager about migration status and weekly reports



Prepare and present monthly project review with Customer and Delivery Manager

#### Technical Specialist

July 2008 - December 2010 (2 years 6 months)

Worked as VMware technical and licensing specialist

#### Senior Engineer

September 2006 - June 2008 (1 year 10 months)

Bangalore

Worked as VMware technical and licensing specialist

#### S J C Institute of Technology

Lecturer

September 2004 - August 2006 (2 years)

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### Education

#### Visvesvaraya Technological University

Master's Degree, Operating system and Computer Applications · (2000 - 2003)



International Webinar on Effective Presentation Skills					
Date:01-09-2020					
Sl. No.	Name	Institute/Organization	Department	Mobile No.	Email
1	Shanet Ann Jose	Christ College Mysore	Department of Psychology	8943780626	shanetannjose@gmail.com
2	Mayur Krishna	ATME College of Engineering	Mechanical Engineering	9019270619	mayur.krishnamurthy97@gmail.com
3	Vishwas K	Vemana Institute Of Technology	Mechanical Engineering	9060310584	kvishwas1997@gmail.com
4	Virat S Mirle	ATMECE	EEE	8618961867	viratmirle007@gmail.com
5	Dr K Venkatasubramanian	Ramachandra College of Engineering	Computer science and engineering	8500615179	kvs42421@gmail.com
6	Muskan sultana	Atme	Ec	9901442276	Sultanamuskan4@gmail.com
7	MOHAMMED FARAAZ UR RAHMAN	ATME COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	7019892017	2019mfur@gmail.com
8	MOHAMMED SAQIBULLA	ATME College of engineering	Civil engineering	9110451359	mohammedsaqib186@gmail.com
9	Bhat Adarsh Nagesh	Maharaja Institute of Technology Mysore	Mechanical engineering	9448785757	Adarshbhat004@gmail.com
10	ABHISHEK B	MIT MYSORE	MECHANICAL	8431313302	abhishekshaiva789@gmail.com
11	Shaik Younus	Ghousia college of engineering	Mechanical engineering	8970804378	Indiailove163@gmail.com
12	Sanjay L	Vijaya vitala institute of technology	Mechanical	8553496658	sanjayrkz@gmail.com
13	ambarishlakshmi@gmail.com	Uvce Bangalore	Mechanical Engineering	9449601311	ambarishlakshmi@gmail.com
14	Bhagyalakshmi H B	UBDT College of Engineering	Mechanical Engineering	7676504113	lakshmihb96@gmail.com
15	Sanjay M	ATMECE	E & C	8618646188	sanjaym999666@gmail.com
16	Mr.C.NATESAMURTHI	Bharathidasan Engineering College, Natrampalli, Tirupattur Dt.	Mechanical Engineering	9790022606	cnmoorthi1975@yahoo.com

17	DR.G.M.SWAMY	JSS ACADEMY OF TECHNICAL EDUCATION BANGALORE	MECHANICAL ENGINEERING DEPARTMENT	9739125899	gmswamy@jssateb.ac.in
18	Manojs	ATME	Mechanical	8660716397	manojsheshanna@gmail.com
19	Ms. Sushma M	BGSIT	Mechanical	8197011049	sushmamanju45@gmail.com
20	HARIYAPLA MANJUNATHA	University BDT college of Engineering	Mechanical Engineering	9.18893E+11	hmanjunatha732@gmail.com
21	S HEMA PRIYADARSHINI	Dayananda Sagar College of Engineering	Medical Electronics Engineering	9945334356	Priyadhema@gmail.com
22	Mr. Shivaprakash. S	New Horizon College Of Engineering	Mechanical engineering	9.1948E+11	shivaprakashgttc@gmail.com
23	Dr. C. Solaimuthu	AMC Engineering College	Mechanical Engineering	7094931477	solai9999@gmail.com
24	JONNALA SUBBA REDDY	Lakireddy Bali Reddy College of Engineering, Mylavaram	Mechanical Engineering	9.19985E+11	jonnalasu@yahoo.co.in
25	Abesh Chakraborty	JEMC(AFFILIATED TO MAKAUT)	Basic Sciences (Biotechnology & Environmental Sciences Division)	9903424741	abeshc1@gmail.com
26	Smitha m p	ATME COLLEGE OF ENGINEERING MYSURU	EEE	8310241696	smitha.mp1998@gmail.com
27	Madhu Varun Reddy K A	SJCIT	TCE	8296177653	madhuvarun1998@gmail.com
28	Bharathi M	Sree vidyanikethan engineering college Tirupati	ECE	8985748274	bharathi891@gmail.com
29	S K HARISHA	RV College of Engineering	Mechanical	9886435884	mechharish76@gmail.com
30	SUBRAMANI N	A P S POLYTECHNIC	MECHANICAL	9844838145	subramaniaps230@gmail.com
31	PURUSHOTHAMA REDDY J	VEMANA INSTITUTE OF TECHNOLOGY	MECHANICAL ENGINEERING	9741147512	purureddy27@gmail.com
32	J. Seetha	Dhanalakshmi college of engineering	Cse	9944060287	seetha.venkat80@gmail.com
33	Dr Veeresh Chandra M S	SJC Institute of Technology	Mechanical Engineering	9.19916E+11	veeru3105@gmail.com



34	Ibha Rani	SSR College of Science and Management Studies	Management	8095046008	ibharani2006@gmail.com
35	CHARAN NA	ATME	Me	636126229	charannamys@gmail.com
36	Manoj.N	Atme college	Mechanical	8495957243	manoj03101@gmail.com
37	Naveen N	ATMECE	Mechanical engineering	8746078460	Naveenmysore11@gmail.com
38	HARIYAPLA MANJUNATHA	University BDT college of Engineering	Mechanical Engineering	9.18893E+11	hmanjunatha732@gmail.com
39	Vaidehi M	Dayanandasagar College of Engineering	Information Science and Engineering	9449024707	vaidehim-ise@dayanandasagar.edu
40	Sripad Kulkarni S	Dayananda Sagar University	Aerospace Engineering	7406907182	sripad2993@gmail.com
41	Jani dilip batukray	Government engineering college Dahod	Mechanical	9428044640	dbjani@rediffmail.com
42	Dr. S A Mohan Krishna	Vidyavardhaka College of Engineering	Department of Mechanical Engineering	9632376757	mohankrishnasa@vvce.ac.in
43	RANI. S	GOVERNMENT ENGINEERING COLLEGE, RAMANAGARA	MATHEMATICS	9481677275	ranismaths@gmail.com
44	Anjappa sb	SVTM madanapalle	Mechanical Engineering	9900461878	anji09.sb@gmail.com
45	Mahadevaprasad N	ATME college of Engineering, Mysore..	Mechanical engineering..	7353647934	appuraina121@gmail.com
46	CHANDAN A S	RV College of Engineering	Product Design and Manufacturing	8147191019	chandanas.pdm19@rvce.edu.in
47	Kiran Aithal S	Nitte Meenakshi institute of technology	Mechanical Engineering	9845133607	kiranaithal.s@nmit.ac.in
48	Dr. C SIDDARAJU	Ramaiah Institute of Technology	Mechanical engineering	9880612806	siddaraju80@gmail.com
49	MRS. METI.BHARATHI	Dr.Ambedkar Institute of Technology	PHYSICS	8971793465	metibharathi@gmail.com
50	Aptha chengappa MY	Coorg institute of technology	Mechanical engineering	8971338908	advaitchchengappacoorg@gmail.com

51	Dr. Lingesh B V	Bangalore Institute of Technology	Mechanical engineering	8867083215	blingsh@gmail.com
52	MRS. METI.BHARATHI	Dr.Ambedkar Institute of Technology	PHYSICS	8971793465	metibharathi@gmail.com
53	Dr K M PALANISWAMY	Dr.T.Thimmaiah Institute of Technology	ECE	7411180461	drpalaniswamy@drttit.edu.in
54	Sanjay R	ATME college of engineering	Mechanical	9110248713	Sanjayraj64169@gmail.com
55	SUPRITHA R	ATME COLLEGE OF ENGINEERING MYSURU	Electrical and electronics engineering	8867620381	suprithar99@gmail.com
56	Sanjay R	ATME college of engineering, Mysore	Mechanical	9110248713	Sanjayraj64169@gmail.com
57	MOHAMMED YOUSUF KHAN	ATME COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	8867157693	yousufkhan4797@gmail.com
58	Manjunatha. B. R	K. S. Institute of technology	Mechanical engineering	8296082573	manjunathbr@ksit.edu.in
59	M BHUVANESWARI	Indra Ganesan College of Engineering, Trichy	Electronics and Communication Engineering	9842370370	Bhuvanagopi97@gmail. Com
60	RAMAN K	CEG ANNA UNIVERSITY CHENNAI	Mechanical Engineering	9994309202	vlrraman@gmail.com
61	K.durga Satya narayana	SITE	Mechanical	9949492219	satyanarayanakunche380@gmail.com
62	Harish Kumar M	CHRIST (Deemed to be University)	Department of Mechanical and Automobile Engineering	9886733577	harishkumar@christuniversity.in
63	Indrani M N	Reva University	Civil	9620117748	indraninag1711@gmail.com
64	Gayithri C	Reva university Bangalore	Civil department	9731690877	R17cv064@ce.reva.edu.in
65	J Vijayalakshmi	Reva University	Civil	9113607586	Vijaya56078@gmail.com
66	MANJUNATHA P	REVA University	Civil engineering	7676168598	manjunath459459@gmail.com
67	Mr. pradip Darbarsing Jamada	R C Patel Institute of Technology Shirpur	Mechanical Engineering	9404200628	pradipjamadar@gmail.com



68	Mr.C.NATESAMURTHI	Bharathidasan Engineering College, Nattrampalli, Tirupattur Dt.	Mechanical Engineering	9790022606	cnmoorthi1975@yahoo.com
69	MANDRU VENKATA UDAYA BH	VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING DEPARTMENT	8331939015	mvubrao@gmail.com
70	Chandra Kumar R	RV COLLEGE OF ENGINEERING	Mechanical engineering	9731600916	chandrakumarr@rvce.edu.in
71	Karunanidhi	Reva University	Civil	7737440150	karunanidhidixit1@gmail.com
72	REKHA.S	Karnataka State Open University, MYSORE.	Sociology	9449778121	abhaysurya251@gmail.com
73	SUPRITHA A S	ATME COLLEGE OF ENGINEERING	E AND C	7338530899	Suprithaas05@gmail.com
74	Kanithi Vivek	Reva University	Civil engineering	7676279226	R17CV092@ce.reva.edu.in
75	Ajith Kumar R	ATME COLLEGE OF ENGINEERING	Mechanical engineering	8746986325	aaajithkumar22@gmail.com
76	Mr. SUDHANSU RANJAN DWI	COLLEGE OF ENGINEERING AND TECHNOLOGY BHUBANESWAR	INSTRUMENTATION AND ELECTRONICS ENGINEERING	9583628099	sudhansudwibedi@gmail.com
77	Vivekraj m b	Institute	Mechanical	6360060745	vraj4821@gmail.com
78	Harshitha N	ATMECE, Mysuru	ECE	9632706457	harsh.mani1128@gmail.com
79	Yogesh k	ATME college of engineering	Mechanical	8722612234	yogeshkgowdakgowda@gmail.com
80	Vivekraj m.b	Global academy of technology banglore	Mechanical engineering	6360060745	vraj4821@gmail.com
81	Dhanaraj c	Maharaja institute of technology Mysore	Mechanical	7892090447	lakshmias.com@gmail.com
82	PUNEETH S	MAHARAJA INSTITUTE OF TECHNOLOGY,MYSORE	MECHANICAL ENGINEERING	7019353438	Puneeth7019@gmail.com
83	SharathKumar Naika S	MIT Mysore	Mechanical engineering	8296563597	sharathrockstar1000@gmail.com
84	Harsha gowda M. K	MIT mysore	Mechanical engineering	7353248639	mkharshagowdamk@gmail.com



85	Chandan S	Maharaja institute of technology Mysore	Mechanical	9901802581	chandans1641999@gmail.com
86	VINAY BABULAL JAIN	KLE TECHNOLOGICAL UNIVERSITY HUBLI	Mechanical Engineering	9880717315	vinaythebest1234@gmail.com
87	Rahul c	Maharaja institute of technology Mysore	Mechanical	8618591949	rahulcbond@gmail.com
88	Raghavendra Swamy	Maharaja Institute of Technology Mysore	Mechanical	8867278792	raghavendraswamy8519@gmail.com
89	Bahubali J Geddugol	Bharati Vidyapeeth (Deemed to be University) College of Nursing Sangli Maharashtra	Mental Health Nursing	9845464552	bahu007@gmail.com
90	Seema B Geddugol	Bharati Vidyapeeth (Deemed to be University College of Nursing)	OBG Nursing	9845464552	seemageddugol@gmail.com
91	Bahubali J Geddugol	Bharati Vidyapeeth (Deemed to be University) College of Nursing, Sangli Maharashtra	Mental Health Nursing	9845464552	bahu007@gmail.com
92	YASHWANTH HV	Maharaja Institute Of Technology Mysore	Mechanical Engineering	7975673971	yashwanth3971@gmail.com
93	Channaveeraiah K M	Bangalore Technological Institute	Mechanical	9620551794	ckm072021@gmail.com
94	Dr M S Govinde Gowda	ATME College of Engineering, Mysore	Mechanical Engineering	9972940201	msggowda1964@gmail.com
95	MOHAMMED HISHAM	Maharaja Institute of Technology, Mysore	Mechanical Engineering	9353703616	hish53307@gmail.com
96	Saqlain T	Maharaja Institute of technology b	Mechanical engineering	8495857431	Saqlaint456@gmail.com
97	Anant R. Bhavimani	SJPN Trust's Polytechnic, Nidasoshi	Mechanical Engineering	8123645724	anant.r.b@gmail.com
98	Afaq Azmi Khayum	MIT Thandavapura	Mechanical Engineering	9.19165E+11	k.afaqazmi@gmail.com

131	A.Bhargavi	Jntua	Mechanical	7989811274	qwickibharu3015@gmail.com
132	Abhignan	Jntua	Mechnaical	9010801269	abhignankumarg@gmail.com
133	Sunith R	ATME college of engineering	Mechanical Engineering	9632848540	sunithr1999@gmail.com
134	Ramesh kalappagol	KLE Polytechnic Mahalingpur	Mechanical engineering	8050509571	rameshkalappagol123@gmail.com
135	Shreyas sunagar	Kle Polytechnic Mahalingapur	Mechanical engineering	9620051950	shree9620051950@gmail.com
136	Bhagoshi n g	ATME College of engineering	Mechanical	8892023951	bhagoshi@yahoo.in
137	Paneesh J S	ATME COLLEGE OF ENGINEERING	Mechanical engineering	9066200575	panishjs99@gmail.com
138	ROHAN PATEL HS	Atme collge of engineering	Mechanical	7760015635	rohan24998@gmail.com
139	Syed Mohammed afnan	Maharaja institute of technology thandavapura	Information science	6363476089	Mohammedafnanyusan@gmail.com
140	star1kjm@gmail.com	Bangalore University	Electronic Media	9986668313	star1kjm@gmail.com
141	Manjunatha H L	UBDT college of engineering	Mechanical engineering	9738863164	manjunathahl9294@gmail.com
142	RAHUL S A	Atme college of engineering Mysore	Mechanical engineering	9113207580	rahulgowda29899@gmail.com
143	Dhanush Patel H B	Atme collage of engineering	Mechanical	9663507030	dhanushpatel1996@gmail.com
144	Dr K Mahesh Dutt	Dayanandasagar Academy of Technology and Management	Mechanical engineering	9448373865	mdutt1965@gmail.com
145	TVNAGARAJA	The Oxford College Of Engineering	Mechanical engineering	4.49845E+11	tvnagaraja@gmail.com
146	Shalini.p	Maharaja institute of technology, mysore.	Electronics and communication.	9741228703	Shalinip9975@gmail.com
147	Shashikumar R	ATME COLLEGE OF ENGINEERING	Mechanical engineering	9900741689	Shashikumar.r.545@gmail.com
148	vikhe8pratima@gmail.com	SND,COE,RC	ETC ENGINEERING	7448033692	vikhe8pratima@gmail.com
149	Vinay Kumar k	MSRIT	ME	9380846381	vinayappi513@gmail.com
150	tejask852@gmail.com	Ramaiah Institute of Technology	Mechanical Engineering	9481424339	tejask852@gmail.com





99	Veernapu Sudheer Kumar	V R Siddhartha Engineering College	Mechanical Engineer	9885904290	sudheerlec@gmail.com
100	Shivukiran.G.R	Maharaja Institute of Technology	Mechanical Engineering	9108247521	shivukiran087@gmail.com
101	Tameemul Haq	SJCE	MECHANICAL	8095308312	ultammyhaq@gmail.com
102	Pratham v	VVIET	ECE	6360328478	prathamvviet@gmail.com
103	Chethan M D	VVIET	C S	8073049029	chethanmd2342001@gmail.com
104	Mallikarjun Mugli	BKIT, Bhalki	CSE	9448568396	muglimallikarjuna@gmail.com
105	Aniruddh A	Maharaja Institute of Technology	Mechanical Engineering	9738605906	aniruddh.anilkumar30@gmail.com
106	Prajwal.G.R	ATME College of Engineering	Mechanical Engineering	8861213667	prajwalgr285@gmail.com
107	Chandan B R	Maharaja Institute of Technology, Mysore	Mechanical	9632848626	chandanbr.2015@gmail.com
108	Atika rihab	Mount Carmel college	Event management	9113944168	atikarihab09@gmail.com
109	Sushma.S	Maharaja Institute of Technology, Mysore.	Electronics and communication	9108823087	sushmasubramanya2001@gmail.com
110	PRAVEEN KUMAR M	ATME COLLEGE OF ENGINEERING	ELECTRICAL & ELECTRONICS	9731251884	pkumarmys@gmail.com
111	Shiva Shankar R	Dayananda Sagar College of Engineering	Mechanical Engineering	8277524584	shivashankarkrs@gmail.com
112	Dr.P.KAVITHA	SIR SYED INSTITUTE FOR TECHNICAL STUDIES, TALIPARAMBA	MICROBIOLOGY	8547707937	kavithapsatheesh@gmail.com
113	Dr.B.SATHEESH MONIKANDAN	INDIAN NAVAL ACADEMY, EZHIMALA	ELECTRONICS AND COMMUNICATION ENGINEERING	9488330066	sathy24@gmail.com
114	Mr. Shiva Prakash. S	New Horizon College Of Engineering	Mechanical engineering	9.1948E+11	shivaprakashgttc@gmail.com
115	Abubkar A Attar	KLEâ€™S POLYTECHNIC MAHALINGPUR-587312	Mechanical engineering	6364723238	abubakarattar17001@gmail.com
116	Maliksab saiyad	Kle polytechnic Mahalingpur	Mechanical engineer	8884213420	Maliksaiyad420@gmail.com

117	Swati Rathore	Dr. H. S. Gour University Sagar M. P.	Department of pharmaceutical sciences	9407542017	swatirathore71@gmail.com
118	Vivek H M	MIT MYSORE	Mechanical engineering	6361691334	vjoy3289@gmail.com
119	Preeti Kittur	University of agriculture science dharwad	Under graduation	6361571178	preetiakittur@gmail.com
120	Sowmya MN	ATME college of engineering	Electrical and electronics engineering	6360711418	sowmyasow536@gmail.com
121	Mohammed Assim	ATME College of Engineering	Electrical and electronics engineering	9972793627	mohammedassim10@gmail.com
122	Chikkadevegowda S S	VVIET Mysuru	Mechanical	9449838082	sscgowda@gmail.com
123	HANUMAPPA J T	MN technical institute pu & degree collage kammagondana halli Bangalore	kannada	9743858177	hanumaklr88@gmail.com
124	Dr Hasin Alam	University of technology and Applied sciences Ibra	Electronics and communications Engineering	96892725591	alamhasin@ict.edu.om
125	YASHWANTH KUMAR R	MIT MYSORE	MECHANICAL	9141597596	yashwanthkumarr183@gmail.com
126	SAHANA H.R	Maharaja institute of technology Mysore	Electronics and communication	7411943339	sahanar471@gmail.com
127	Dr. Sachin Kaothekar	Mahakal Institute of Technology and Management	Physics Department	9827579693	sachinmgi007@gmail.com
128	Prakash Lalwani	New Horizon College, Marathahalli, Bangalore, Karnataka	BCA	9902957055	prakashl.79@gmail.com
129	SANJAY KUMAR A K	SJC INSTITUTE OF TECHNOLOGY chickbalpura	Mechanical	9483054413	sanjaykumarak04@gmail.com
130	Dr. SANTHOSH N	MVJ COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	9900243895	dr.santhosh@mvjce.edu.in



170	C.M.Aswathappa.	Vemana Institute of Technology	Mechanical Engineering	9448884456	aswathappa.cm@gmail.com
-----	-----------------	--------------------------------	------------------------	------------	-------------------------

  
 Department of Mechanical Engineering  
 ATME College of Engineering, Mysuru.

  
 H.O.D.  
 Department of Mechanical Engineering  
 ATME College of Engineering, Mysuru

# Feedback on International Webinar on- Effective Presentation skills

120 responses

[Publish analytics](#)

## Name

120 responses

Bhat Adarsh Nagesh

Mayur Krishna

Atika Rihab

Manoj.N

YASHWANTH KUMAR R

Dr. S K HARISHA

Naveen N

Rahul c

Bhagyalakshmi H B



## Institute/Organization

120 responses

ATME COLLEGE OF ENGINEERING

Maharaja institute of technology Mysore

AMC Engineering College

MIT MYSORE

Atme

Reva University

Maharaja Institute of Technology Mysore

RAMAIAH INSTITUTE OF TECHNOLOGY

ATME College of Engineering



Mobile No.

120 responses

9448785757

9113944168

8495957243

9886435884

8746078460

8618591949

7676504113

9632376757

8943780626





## Department

120 responses

Mechanical Engineering

Mechanical

Mechanical engineering

Mechanical engineering

MECHANICAL ENGINEERING

Mechanical Engineering

Electronics and communication

MECHANICAL

Civil



## Email

120 responses

adarshbhat004@gmail.com

mayur.krishnamurthy97@gmail.com

atikarihab09@gmail.com

manoj03101@gmail.com

Naveenmysore11@gmail.com

rahulcbond@gmail.com

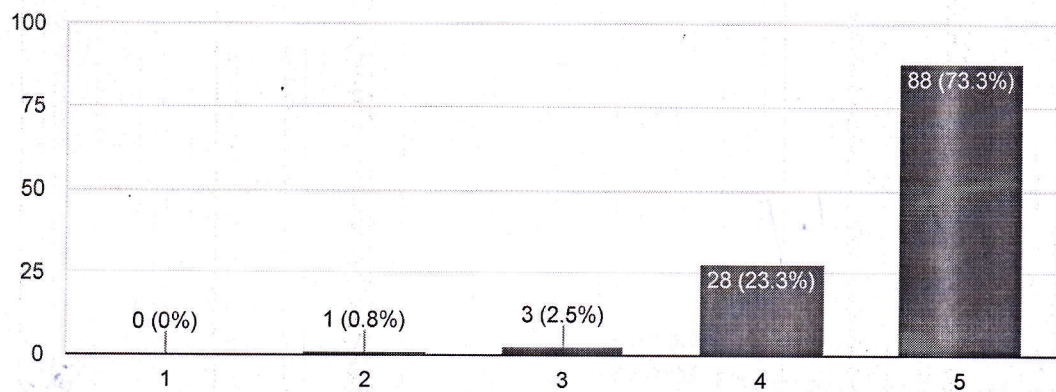
lakshmihb96@gmail.com

mohankrishnasa@vvce.ac.in

shanetannjose@gmail.com

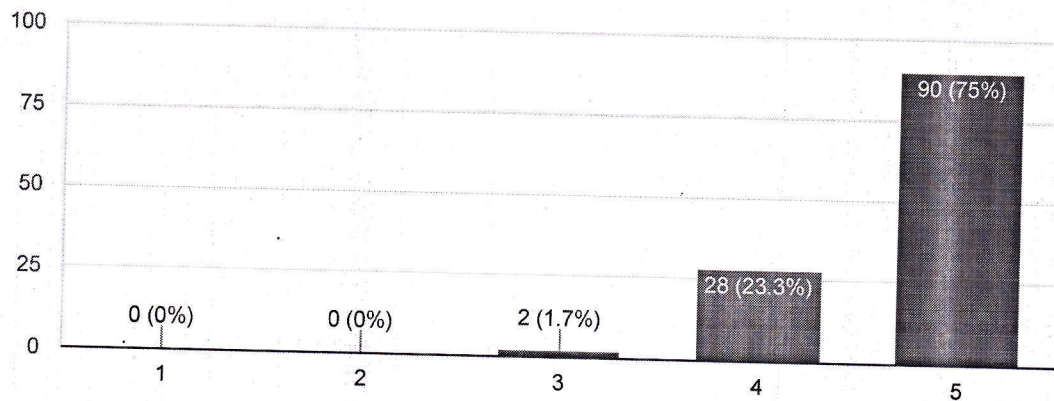
## The Content of the webinar met the expectations of the participants

120 responses



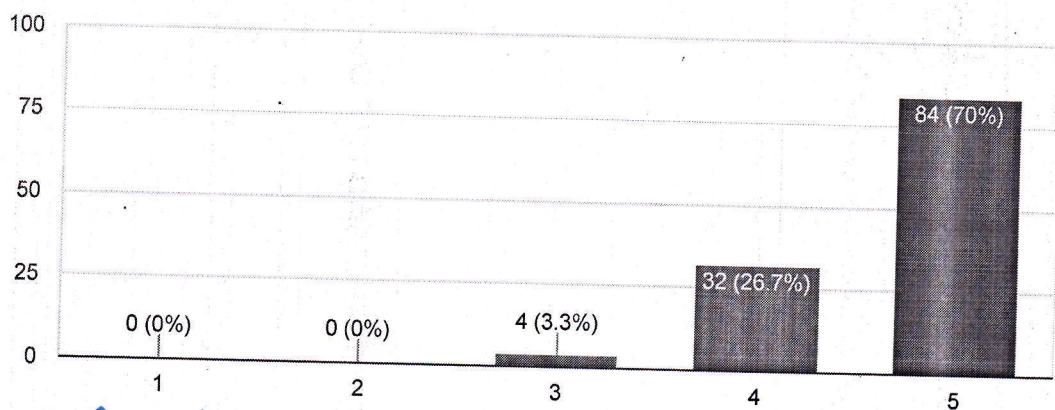
The Speaker provided adequate information and helped the participants to understand about the topic delivered

120 responses



The Program is well Structured and objective of the webinar met effectively

120 responses



Department of Mechanical Engineering  
ATME College of Engineering, Mysuru

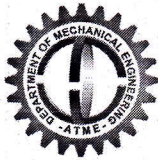
H.O.D.  
Department of Mechanical Engineering  
ATME College of Engineering, Mysuru





# A T M E

College of Engineering



## Department of Mechanical Engineering

### INFERENCE

#### International Webinar on “Effective Presentation Skills”

This webinar was conducted on 1<sup>st</sup> September 2020 with the intension to help the outgoing students to enhance their presentation skills. The feedback forms also spread across the students/ participants by setting relevant parameters to observe its fulfillment.

The parameters were evaluated from grade 1 to 5 with one being the poor and five being the excellent. One hundred responses received and these responses indicates the fulfillment of the objective of conducting this program. The feedback reflects that the majority of the participants expressed the appreciation. further, this supports to meet few graduates' attributes are PO10 and PO12.

Department of Mechanical Engineering,  
ATME College of Engineering, Mysuru.

**H.O.D.**  
Department of Mechanical Engineering  
ATME College of Engineering, Mysuru

ATME COLLEGE OF ENGINEERING

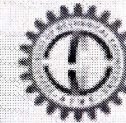
13th Kilometer, Mysore-Kanakapura-Bangalore Road, Mysore - 570 028. P: 0821-2593335 F: 0821-2593328

Email : info@atme.in Web : www.atme.in





**A T M E**  
College of Engineering



9001:2015

ATME College of Engineering  
13th Kilometre, Mysore - Kanakapura - Bangalore Road, Mysore - 570 028

Department of Mechanical Engineering

## Certificate

This is to certify that

{{Full Name}} from {{Other Identifier}}

has successfully completed the International WEBINAR on "Effective Presentation Skills" organized by

Department of Mechanical Engineering, ATME College of Engineering,

Mysuru, on 1<sup>st</sup> Sept 2020.

Dr. Srinivasa K  
Professor & Head  
ATMECE, Mysuru

Dr. L. Basavaraj  
Principal  
ATMECE, Mysuru



**ATME College of Engineering**

**C1.1.2 - The institution adheres to the academic calendar including for the conduct of CIE**

**Supporting Documents**

**Index**

Sl. No.	Academic Year	Particulars
1	<b>2020-21</b>	Academic Calendar- VTU
2		Academic Calendar- College
3		Academic Calendar- Department
4		Adherence Report
5		Sample IA Test Circular, Attendance & QP
6		Event - Report



A T M E  
College of Engineering



## Department of Computer Science and Engineering

**ATME COLLEGE OF ENGINEERING**

13<sup>th</sup> Kilometer, Mysore-Kanakapura-Bangalore Road, Mysore – 570 028 P : 0821-2593335 F: 0821-2593328

Email: [info@atme.in](mailto:info@atme.in), Web : [www.atme.in](http://www.atme.in)



# 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/Academic/A9/2020-21/ **5086**

Dated: **- 5 JAN 2021**

## REVISED - NOTIFICATION

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students for the academic year 2020-21.

**Reference:**

1. VTU/BGM/SO2/2020-21/4162, dated 04.12.2020
2. Approval of Hon'ble Vice-Chancellor dated 05.01.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 is hereby notified as enclosed. The Principals of All Colleges of Engineering are hereby informed to bring the contents of this Notification to the notice of all the concerned.

Sd/-  
**REGISTRAR**

To,

1. The Principals of all Engineering Colleges under the ambit of VTU.

Copy to:

1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
3. Regional Directors of all Regional Offices of VTU.
4. The Special Officers of Academic Section of VTU, Belagavi.
5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

**2.5.1.21**  
**REGISTRAR**



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

	<b>REVISED</b> dates for Regular & Lateral Entry III Semester B.E./B.Tech. students
Commencement of ODD Semester	01.09.2020
Last Working day of ODD Semester	27.02.2021
Theory Examinations	06.03.2021 To 24.03.2021
Practical Examinations	25.03.2021 To 31.03.2021
Internship	---
Internship Viva-Voce	---
Professional training / Organization study	---
Commencement of EVEN Semester	01.04.2021

- 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**.

05.1.21  
**REGISTRAR**

VBM (A)



# 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/Academic/A9/2020-21/ 5146

Dated: 6 JAN 2021

## CORRIGENDUM

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students for the academic year 2020-21.

**Reference:**

1. VTU/BGM/Academic/A9/2020-21/5086, dated 05.01.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 was notified vide the reference mentioned (1). In case 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 Principals of all Autonomous Colleges of Engineering are hereby informed to bring the contents of this circular to the notice of all the concerned.

Sd/-  
REGISTRAR

To,

1. The Principals of all Autonomous Engineering Colleges under the ambit of VTU.

Copy to:

1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
3. Regional Directors of all Regional Offices of VTU.
4. The Special Officers of Academic Section of VTU, Belagavi.
5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

06.01.21  
REGISTRAR

VSJ

27



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"ವಿಜ್ಞಾನ ಅಭಿವೃದ್ಧಿಯ ಮೂಲಕ ರಾಜ್ಯದ ಆರ್ಥಿಕ ಸುಖಕ್ಕೆ ಸರ್ವೋಚ್ಚ ಸಹಾಯ ಮಾಡುವುದು" ಎಂಬ ಮಿಷನ್  
"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ-೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

## Visvesvaraya Technological University

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

"Jnana Sangama" Belagavi-590018, Karnataka, India

Phone: (0831) 2498100, Fax: (0831) 2405467, Website: vtu.ac.in

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

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/Academic/SO2/2020-21/6416

Dated: -11 MAR 2021

### REVISED - NOTIFICATION

**Subject:** Revised - Academic Calendar for the Regular and Lateral Entry III semester students of B.E./ B.Tech., for the academic year 2020-21.

#### Reference:

1. VTU/BGM/SO2/2020-21/4162, dated 04.12.2020
2. VTU/BGM/Academic/SO2/2020-21/5086, dated 05.01.2021
3. Approval of Hon'ble Vice-Chancellor dated 01.03.2021

The Revised Academic Calendar of the University for the III semester regular and lateral entry students for the academic year 2020-21 is hereby notified as enclosed.

The Principals of All Colleges of Engineering are hereby informed to bring the contents of this Notification to the notice of all the concerned.

Sd/-  
REGISTRAR

To,

1. The Principals of all Engineering Colleges under the ambit of VTU.

#### Copy to:


1. The Hon'ble Vice-Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
3. Regional Directors of all Regional Offices of VTU.
4. The Special Officers of Academic Section of VTU, Belagavi.
5. The Caseworkers of the Academic Section of VTU, Belagavi.
6. PG Coordinators of all PG Centers of VTU.
7. The Special Officer, CNC, VTU, Belagavi, to update the information on the VTU website.

REGISTRAR

**Revised Academic Calendar of VTU, Belagavi  
for III Semester B.E./B.Tech. of 2020-21**

	<b>REVISED</b> dates for Regular & Lateral Entry III Semester B.E./B.Tech. students
Commencement of ODD Semester	<b>01.09.2020</b>
Last Working day of ODD Semester	<b>10.03.2021</b>
Theory Examinations	<b>15.03.2021 To 31.03.2021</b>
Practical Examinations	<b>05.04.2021 To 09.04.2021</b>
Internship	---
Internship Viva-Voce	---
Professional training / Organization study	---
Commencement of EVEN Semester	<b>12.04.2021</b>

- 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
- 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**. 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.

  
**REGISTRAR**  
7/13/21





# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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

## Visvesvaraya Technological University

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

"Jnana Sangama" Belagavi-590018, Karnataka, India

Phone: (0831) 2498100, Fax: (0831) 2405467, Website: vtua.ac.in

Phone: (0831) 2498100

Fax: (0831) 2405467

Registrar

Ref: VTU/BGM/BOS/A9/2020-21 /6652

Date: 12 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

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

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

Rangana B.1

REGISTRAR 12/03/21

7



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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

## Visvesvaraya Technological University

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

"Jnana Sangama" Belagavi-590018, Karnataka, India

Phone: (0831) 2498100, Fax: (0831) 2405467, Website: vtu.ac.in

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

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/BOS/A9/2020-21 / 345

Date:

21 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.

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

21.4.2021.  
REGISTRAR  
[Signature]



## Revised-Academic Calendar of EVEN semesters 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
	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021
Commencement of EVEN Semester	07.08.2021	07.08.2021	07.08.2021	07.08.2021	#20.07.2021	#20.07.2021	07.08.2021
Last Working day of EVEN Semester	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	---	---	---	---
Practical 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
Theory Examinations	---	---	---	---	---	---	---
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

[Signature]



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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

## Visvesvaraya Technological University

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

"Jnana Sangama" Belagavi-590018, Karnataka, India

Phone: (0831) 2498100, Fax: (0831) 2405467, Website: vtu.ac.in

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

Registrar

Phone: (0831) 2498100

Fax: (0831) 2405467

Ref: VTU/BGM/BOS/A9/2020-21 / 345

Date:

21 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.

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

21.4.2021.  
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
	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021
Commencement of EVEN Semester	07.08.2021	07.08.2021	07.08.2021	07.08.2021	#20.07.2021	#20.07.2021	07.08.2021
Last Working day of EVEN Semester	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	09.08.2021 To 19.08.2021	---	---	---	---
Practical 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
Theory Examinations	---	---	---	---	---	---	---
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

## ATME COLLEGE OF ENGINEERING, MYSURU

### Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
1	SEPTEMBER			1	2	3	4	5		3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup> Semester : commencement of Online Classes
2		6	7	8	9	10	11	12		
3		13	14	15	16	17	18	19	Mahalaya Amavasya	
4		20	21	22	23	24	25	26		
5		27	28	29	30					
5	OCTOBER					1	2	3	Gandhi Jayanthi	
6		4	5	6	7	8	9	10		First I A for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
7		11	12	13	14	15	16	17		
8		18	19	20	21	22	23	24		
9		25	26	27	28	29	30	31	Ayudha Pooja, Vijaya Dashami, Eid-Milad, Valmiki Jayanthi	
10	NOVEMBER	1	2	3	4	5	6	7	Kannada Rajyotsava	
11		8	9	10	11	12	13	14	Naraka Chaturdashi	Second I A for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
12		15	16	17	18	19	20	21	Balipadyami	Commencement of On-Campus Classes for Semester 7.
13		22	23	24	25	26	27	28		
14		29	30							

Non Working Saturdays

# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	DECEMBER			1	2	3	4	5	Kanakadasa Jayanthi	
15		6	7	8	9	10	11	12		
16		13	14	15	16	17	18	19		
17		20	21	22	23	24	25	26	Christmas	
18		27	28	29	30	31				Third IA for Semesters 3, 5 and 7
18	JANUARY						1	2		
19		3	4	5	6	7	8	9		LAB Interenals for Semesters 3,5 and 7
20		10	11	12	13	14	15	16	Makra Sankranthi	Improvement IA for Semesters 3,5 and 7, LAST working day for ODD Sem 2020-21
21		17	18	19	20	21	22	23		Comencement of Odd Semester Practical Exams
22		24	25	26	27	28	29	30	Republic Day	
23		31								
23	FEBRUARY		1	2	3	4	5	6		End of Odd Semester Practical Exams
24		7	8	9	10	11	12	13		Commencement of Odd Semester Theory Exams
25		14	15	16	17	18	19	20		
26		21	22	23	24	25	26	27		
27		28								

Non Working Saturdays

No. Of Working Days	17	20	20	17	17	9	Total No. Of Working Days	100
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# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	MARCH		1	2	3	4	5	6		
15		7	8	9	10	11	12	13	Mahashivaratri	
16		14	15	16	17	18	19	20		
17		21	22	23	24	25	26	27		25 <sup>th</sup> End of odd semester Theory exams, 26 <sup>th</sup> Mar 2021 Commencement of Even Semester
18		28	29	30	31					
18	APRIL					1	2	3	Good Friday	
19		4	5	6	7	8	9	10		
20		11	12	13	14	15	16	17	Chadramana Yugadi, Ambedkar Jayanthi	
21		18	19	20	21	22	23	24		
22		25	26	27	28	29	30		Mahavir Jayanthi	
23	MAY							1	May Day (Labour Day)	
23		2	3	4	5	6	7	8		
24		9	10	11	12	13	14	15	Idul-Fitr, Basava Jayathi	
25		16	17	18	19	20	21	22		
26		23	24	25	26	27	28	29		
27		30	31							

Non Working Saturdays

Sd-  
Dr. L Basavaraj  
Principal



# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (EVEN SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
1	APRIL					1	2	3		
2		4	5	6	7	8	9	10		
3		11	12	13	14	15	16	17		
4		18	19	20	21	22	23	24		Commencement of 4 <sup>th</sup> , 6 <sup>th</sup> and 8 <sup>th</sup> Semester Classes
5		25	26	27	28	29	30			
5	MAY							1	May Day	
6		2	3	4	5	6	7	8		
7		9	10	11	12	13	14	15	Basava Jayanthi, Ramzan	
8		16	17	18	19	20	21	22		
9		23	24	25	26	27	28	29		FIRST IA 4TH AND 6TH SEM
		30	31							
10	JUNE			1	2	3	4	5		
11		6	7	8	9	10	11	12		
12		13	14	15	16	17	18	19		
13		20	21	22	23	24	25	26		
14		27	28	29	30					

**Non Working Saturdays**



# ATME COLLEGE OF ENGINEERING, MYSURU

## Revised Academic Calendar (EVEN SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	JULY					1	2	3		SECOND IA 4TH AND 6TH SEM
15		4	5	6	7	8	9	10		
16		11	12	13	14	15	16	17		
17		18	19	20	21	22	23	24	Bakrid	8 <sup>th</sup> Sem Last Working Day, 8 <sup>th</sup> Sem Theory Exam Begins
18		25	26	27	28	29	30	31		8 <sup>th</sup> Sem Theory Exam Ends, THIRD IA 4 <sup>th</sup> AND 6 <sup>th</sup> SEM
18	AUGUST	1	2	3	4	5	6	7		4 <sup>th</sup> and 6 <sup>th</sup> Sem Last Working Day, 8 <sup>th</sup> Sem Internship Viva Voce. LAB IA 4 <sup>th</sup> and 6 <sup>th</sup> Sem.
19		8	9	10	11	12	13	14		Practical Exams Starts for 4 <sup>th</sup> and 6 <sup>th</sup> Sem
20		15	16	17	18	19	20	21	Muharram	Practical Exams Ends for 4 <sup>th</sup> and 6 <sup>th</sup> Sem
21		22	23	24	25	26	27	28		Theory Exams Starts for 4 <sup>th</sup> and 8 <sup>th</sup> Sem
22		29	30	31						
23	SEPTEMBER				1	2	3	4		
24		5	6	7	8	9	10	11	Ganesha Chathurthi	Theory Exams Starts for 4 <sup>th</sup> and 8 <sup>th</sup> Sem
25		12	13	14	15	16	17	18		
26		19	20	21	22	23	24	25	Non Working Saturdays	
27		26	27	28	29	30	31	32		
WORKING DAYS (8 <sup>th</sup> Sem)			14	14	13	13	13	6	73	
WORKING DAYS(4 <sup>th</sup> & 6 <sup>th</sup> )			16	16	15	16	16	7	86	Inclusive of IA tests and other activities

**DEAN ACADEMICS**  
**DR. M S GOVINDE GOWDA**

**PRINCIPAL**  
**DR. L BASAVARAJ**

**Academic Calendar (ODD SEMESTER, 2020-21)**

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)		COLLEGE EVENTS
1	SEPTEMBER			1	2	3	4	5		3rd, 5th & 7th Sem: commencement of Online Classes , Induction Program for 3rd, 5th and 7th Semester	Aptitude Test
2		6	7	8	9	10	11	12			Aptitude Test
3		13	14	15	16	17	18	19	Mahalaya Amavasya		Aptitude Test
4		20	21	22	23	24	25	26		CSI State Level Event( Quiz Competition)	Placement Activity (Mock Interview for 7th Semester)
5		27	28	29	30					Technical Talk	Synopsis Review for 7th Semester
5	OCTOBER					1	2	3	Gandhi Jayanthi		Commencement of Offline Classes for 3,5 & 7 Sem
6		4	5	6	7	8	9	10			First I A for 3rd , 5th and 7th Semester
7		11	12	13	14	15	16	17			
8		18	19	20	21	22	23	24		CSI Event (Webinar)	Workshop on Android
9		25	26	27	28	29	30	31	Ayudha Pooja, Vijaya Dashami, Eid-Milad , Valmiki Jayanthi		
10	NOVEMBER	1	2	3	4	5	6	7	Kannada Rajyotsava		
11		8	9	10	11	12	13	14	Naraka Chaturdashi		Second IA for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
12		15	16	17	18	19	20	21	Balipadyami	Workshop on Amazon Web Services	Technical Talk
13		22	23	24	25	26	27	28			Project Phase-I, Review-1
14		29	30								CSI National Event( Code Relay)



WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT			COLLEGE EVENTS
14	DECEMBER			1	2	3	4	5	Kanakadasa Jayanthi		
15		6	7	8	9	10	11	12		Lab I A	
16		13	14	15	16	17	18	19		Lab IA	Last working day for Semesters 3, 5 and 7
17		20	21	22	23	24	25	26	Christmas	Semster Practical Exmainations	
18		27	28	29	30	31				Third IA for Semesters 3, 5 and 7	
18							1	2			
19	JANUARY	3	4	5	6	7	8	9		LAB Interenals for Semesters 3,5 and 7	
20		10	11	12	13	14	15	16	Makra Sankranthi	Improvement IA for Semesters 3,5 and 7	Last working day for ODD Sem 2020-21
21		17	18	19	20	21	22	23		Comencement of Odd Semester Practical Exams	
22		24	25	26	27	28	29	30	Republic Day		
23		31									
23			1	2	3	4	5	6		End of Odd Semester Practical Exams	
24	FEBRUARY	7	8	9	10	11	12	13		Commencement of Odd Semester Theory Exams	
25		14	15	16	17	18	19	20			
26		21	22	23	24	25	26	27			
27		28									



## Academic Calendar (EVEN SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	No. of days/week	COLLEGE EVENTS
1	APRIL					1	2	3		4 <sup>th</sup> , 6 <sup>th</sup> & 8 <sup>th</sup> Sem: commencement of Online Classes
2		4	5	6	7	8	9	10		Faculty Development Programme
3		11	12	13	14	15	16	17		
4		18	19	20	21	22	23	24		
5		25	26	27	28	29	30			
5	MAY							1		Labour Day Holiday
6		2	3	4	5	6	7	8		Project Phase-II-Review-I for 8th Sem Students
7		9	10	11	12	13	14	15		Basaveshwara Jayanthi Holiday
8		16	17	18	19	20	21	22		Workshop for 6th sem students
9		23	24	25	26	27	28	29		
		30	31							
10	JUNE			1	2	3	4	5		
11		6	7	8	9	10	11	12		First IA of 4th, 6th & 8th sem
12		13	14	15	16	17	18	19		Internship Presentation for 8th Semester students
13		20	21	22	23	24	25	26		Webinar for all students
14		27	28	29	30					





WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	No. of days/week	COLLEGE EVENTS
14	JULY					1	2	3		CSI Activity
15		4	5	6	7	8	9	10		Second IA for 8th Sem
16		11	12	13	14	15	16	17		Third IA for 8th Sem
										Project Phase-II-Review-II for 8th Sem Students
17		18	19	20	21	22	23	24		Last working Day for 8th Semester
18		25	26	27	28	29	30	31		Second IA 4TH AND 6TH SEM
18	AUGUST	1	2	3	4	5	6	7		Lab Test for 4th & 6th sem . Project & internship Viva voce. <b>Last Working day for 4th and 6th Semester.</b>
										Project Exhibition for Final Year Students
19		8	9	10	11	12	13	14		Third IA 4th & 6th Sem
20		15	16	17	18	19	20	21		Mohram Last Day Holiday
21		22	23	24	25	26	27	28		
22		29	30	31						
23	SEPTEMBER				1	2	3	4		
24		5	6	7	8	9	10	11		
25		12	13	14	15	16	17	18		
26		19	20	21	22	23	24	25		
27		26	27	28	29	30				

Non Working Saturdays

 Holidays  
 IA Tests

*Approved*  
**nOD**  
Dept. of Computer Science & Engg  
ATME College of Engineering  
Bysuru-570020

**Adherence to Academic Calender 2020 – 2021 ( ODD SEM)**

Month	Sl. No	Planned Date	Event/Activities	Executed Date	Remarks
September	1	01-09-2020	3rd , 5th & 7th Semester : commencement of Online Classes	01-09-2020	EXECUTED
October	2	05-10-2020	Project Phase-I Project Batch Formation	05-10-2020	EXECUTED
	3	8-10-2020, 9-10-2020, 12-10-2020	First Internals for 3rd, 5th and 7th Semester	8-10-2020, 9-10-2020, 12-10-2020	EXECUTED
November	4	11-11-2020, 12-11-2020, 13-11-2020	Second Internals for 3rd, 5th and 7th Semester	11-11-2020, 12-11-2020, 13-11-2020	EXECUTED
	5	19-11-2020	Technical Talk on "Pervasive Computing"	19-11-2020	EXECUTED
	6	26-11-2020, 27-11-2020	Workshop on " Front end and Database Design"	23-11-2020 , 24-11-2020	preponed and was executed
	7	28-11-2020	Webinar on " Natural Language Processing"	28-11-2020	EXECUTED
December	8	28-12-2020, 29-12-2020, 30-12-2020	Third Internals for 3rd, 5th and 7th Semester	28-12-2020, 29-12-2020, 30-12-2020	EXECUTED
January	9	5-01-2021 to 8-01-2021	Project Phase-I Project Synopsis Review Presentation	5-01-2021 to 8-01-2021	EXECUTED
	10	11-01-2021 to 13-01-2021	Improvement IA for 3rd, 5th and 7th Semester	11-01-2021 to 13-01-2021	EXECUTED
	11	15-01-2021, 16-01-2021	Laboratory Internals for 5th and 7th Semester	15-01-2021, 16-01-2021	EXECUTED
	12	27-01-2021 to 30-01-2021	First Internals for Lateral Entry	27-01-2021 to 30-01-2021	EXECUTED
	13	17-02-2021 to 19-02-2021	Second Internals for Lateral Entry Students	17-02-2021 to 19-02-2021	EXECUTED

February	14	25-02-2021 to 27-02- 2021	Laboratory Internals for 3rd Semester	25-02-2021 to 27-02-2021	EXECUTED
	15	25-02-2021 to 27-02- 2021	Third Internals for Lateral Entry Students	25-02-2021 to 27-02-2021	EXECUTED

  
 Professor & Head  
 Dept. of Computer Science & Engg.  
 ATME COLLEGE OF ENGINEERING  
 MYSURU-570 028



**Adherence to Academic Calender 2020 – 2021 ( EVEN SEM)**

Month	Sl. No	Planned Date	Event/Activities	Executed Date	Remarks
APRIL	1	5-4-2021 to 9-4-2021	Faculty Development Programme	5-4-2021 to 9-4-2021	EXECUTED
MAY	2	6-5-2021 to 8-5-2021	Project Phase-II-Review-I for 8th Sem Students	20-5-2021 to 22-5-2021	Postponed and executed after 1 week
	3	20-5-2021 to 22-5-2021	Workshop for 6th sem students	24-06-2021 to 26-06-2021	Postponed and executed in the month of July
JUNE	4	07-06-2021, 08-06-2021, 09-06-2021	First Internals for 4th , 6th and 8th Semester	07-06-2021, 08-06-2021, 09-06-2021	EXECUTED
	5	16-06-2021 to 19-06-2021	Internship Presentation for 8th Semester students	16-06-2021 to 19-06-2021	EXECUTED
	6	22-06-2021 and 23-06-2021	Webinar on "Data Science & its Applications" and "Career Pathway and Study Abroad Opportunities"	22-06-2021 and 23-06-2021	EXECUTED
JULY	7	2-07-2021 & 3-07-2021	CSI Activity	2-07-2021 & 3-07-2021	EXECUTED
	8	05-07-2021, 06-07-2021	Second Internals for 8th Semester	05-07-2021, 06-07-2021	EXECUTED
	9	12-07-2021 to 14-07-2021	Project Phase-II-Review-II for 8th Sem Students	12-07-2021 to 14-07-2021	EXECUTED
	10	17-07-2021, 19-07-2021	Third Internals for 8th Semester	17-07-2021, 19-07-2021	EXECUTED
	11	22-07-2021	Webinar for 4th and 6th sem students	22-07-2021	EXECUTED
	12	29-07-2021, 30-07-2021, 31-07-2021	Second Internals for 4th and 6th Semester	29-07-2021, 30-07-2021, 31-07-2021	EXECUTED
AUGUST	13	09-08-2021, 10-08-2021, 11-08-2021	Third Internals for 4th and 6th Semester	09-08-2021, 10-08-2021, 11-08-2021	EXECUTED
	14	02-08-2021	Project Exhibition for Final Year Students	02-08-2021	EXECUTED
	15	04-08-2021 to 7-08-2021	Lab Test for 4th & 6th sem . Project & internship Viva voce.	04-08-2021 to 7-08-2021	EXECUTED



## Department of Computer Science and Engineering

### Online IA-3 Invigilation Allotment

Faculty Name: Raghuram A S

Sl. No.	Student Name	Student USN	28/12/2020		29/12/2020		30/12/2020	
			Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
1	ADVIYA SABA	4AD18CS001	✓	✓	✓	✓	✓	✓
2	AISHWARYA R K	4AD18CS002	✓	✓	✓	✓	✓	✓
3	AKSA TABASSUM	4AD19CS401	✓	✓	✓	✓	✓	✓
4	AMEENA TAHREEM	4AD18CS003	✓	✓	✓	✓	✓	✓
5	ANANDA KRISHNAN P S	4AD18CS004	✓	✓	✓	✓	✓	✓
6	ANUP G KULKARNI	4AD18CS005	✓	✓	✓	✓	✓	✓
7	ANUSHKA D K	4AD18CS006	✓	✓	✓	✓	✓	✓
8	ARJUMAN BANU	4AD18CS007	✓	✓	✓	✓	✓	✓
9	ASHER CALVYN A	4AD18CS008	✓	✓	✓	✓	✓	✓
10	AYESHA SIDDIQUA	4AD18CS009	✓	✓	✓	✓	✓	✓
11	BHARATH R	4AD18CS010	✓	✓	✓	✓	✓	✓
12	BHASKAR H N	4AD19CS402	✓	✓	✓	✓	✓	✓
13	BHOOMIKA B R	4AD18CS011	✓	✓	✓	✓	✓	✓
14	BHOOMIKA S R	4AD18CS012	✓	✓	✓	✓	✓	✓
15	BHUMIKA K	4AD19CS403	✓	✓	✓	✓	✓	✓
16	BIBI JAVERIYA	4AD18CS013	✓	✓	✓	✓	✓	✓
17	CHAITHRA M	4AD19CS404	✓	✓	✓	✓	✓	✓
18	CHANDAN M	4AD18CS014	✓	✓	✓	✓	✓	✓
19	CHANDANA M V	4AD18CS015	✓	✓	✓	✓	✓	✓
20	CHRISTO ABRAHAM	4AD18CS016	✓	✓	✓	✓	✓	✓
21	DARSHAN M C	4AD18CS019	✓	✓	✓	✓	✓	✓
22	DARSHAN S	4AD18CS018	✓	✓	✓	✓	✓	✓

✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

*Raghuram A S*

CO-ORDINATOR

*Raghuram A S*

HOD

Dept. of Computer Science & Engg  
ATME College of Engineering  
Mysuru-570020





## Department of Computer Science and Engineering

### Online IA-3 Invigilation Allotment

Faculty Name: Impana Appaji

Sl. No.	Student Name	Student USN	28/12/2020		29/12/2020		30/12/2020	
			Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
1	KEVIN MOSES	4AD19CS028	✓	✓	✓	✓	✓	✓
2	KISHORE K	4AD19CS029	✓	✓	✓	✓	✓	✓
3	KRUTHVIK K S	4AD19CS030	✓	✓	✓	✓	✓	✓
4	LAVITA JOYCE	4AD19CS032	✓	✓	✓	✓	✓	✓
5	DIKITHA D M	4AD19CS033	✓	✓	✓	✓	✓	✓
6	M S SPOORTHI	4AD19CS034	✓	✓	✓	✓	✓	✓
7	MADHUSUDAN K S	4AD19CS035	✓	✓	✓	✓	✓	✓
8	MAHADDEVA PRASAD M M	4AD19CS036	✓	✓	✓	✓	✓	✓
9	MAHADEVASWAMY N	4AD19CS037	✓	✓	✓	✓	✓	✓
10	MANJUNATHA D	4AD19CS038	✓	✓	✓	✓	✓	✓
11	MANOJ GOWDA K B	4AD19CS039	✓	✓	✓	✓	✓	✓
12	MANVITHA B	4AD19CS040	✓	✓	✓	✓	✓	✓
13	MITHILESH A	4AD19CS041	✓	✓	✓	✓	✓	✓
14	MOHAMED RAIHAN	4AD19CS043	✓	✓	✓	✓	✓	✓
15	HAGALWADI	4AD19CS042	✓	✓	✓	✓	✓	✓
16	MOHAMMED KIZAR	4AD19CS045	✓	✓	✓	✓	✓	✓
17	MOHAMMED AATHIR SUHAIB	4AD18CS039	✓	✓	✓	✓	✓	✓
18	MOHAMMED RAIYAN	4AD19CS044	✓	✓	✓	✓	✓	✓
19	MOHAN KUMAR M	4AD19CS046	✓	✓	✓	✓	✓	✓
20	MOULYA E	4AD19CS047	✓	✓	✓	✓	✓	✓
21	NAGENDRA B	4AD19CS048	✓	✓	✓	✓	✓	✓
22	NAVYA URS S	4AD19CS049	✓	✓	✓	✓	✓	✓
23	NIHALA C T	4AD19CS050	✓	✓	✓	✓	✓	✓
24	NISHCHITHA S	4AD19CS053	✓	✓	✓	✓	✓	✓
25	POOJA L	4AD19CS055	✓	✓	✓	✓	✓	✓
26	RAKSHITHA R	4AD19CS065	✓	✓	✓	✓	✓	✓
27	RANJITH M G	4AD19CS066	✓	✓	✓	✓	✓	✓
28	RISHITH SOMAIAH S T	4AD19CS068	✓	✓	✓	✓	✓	✓

St. St. St. St. St. St.

*Impana Appaji*

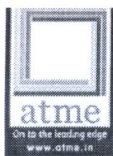
CO-ORDINATOR

*Impana Appaji*

HOD

HOD

Dept. of Computer Science & Engineering  
ATME College of Engineering  
Bysuru-570011



# ATME

## College of Engineering

### Department of Computer Science and Engineering



iv) Both Trace and Break points			
b) Explain the following methods of handling interrupts from multiple devices. (i) Interrupt nesting/priority structure (ii) Daisy chain method	8 M		2

*Provide*

Name & Signature of Course Coordinator

DR. PUTTE Gowda. D

*Provide*

HoD Signature

CO1	Explain the basic organization of a computer system.
CO2	Demonstrate functioning of different sub systems, such as processor, Input/output, and memory.
CO3	Illustrate hardwired control and micro programmed control, pipelining, embedded and other computing systems.
CO4	Design and analyse simple arithmetic and logical units.

Bloom's Taxonomy Level	
L1	Remembering
L2	Understanding
L3	Applying
L4	Analysing
L5	Evaluating
L6	Creating



### Department of Computer Science & Engineering

#### SCHEME AND SOLUTION ACADEMIC YEAR 2020-2021 (ODD SEM) INTERNAL ASSESSMENT -I

Subject: Computer Organization

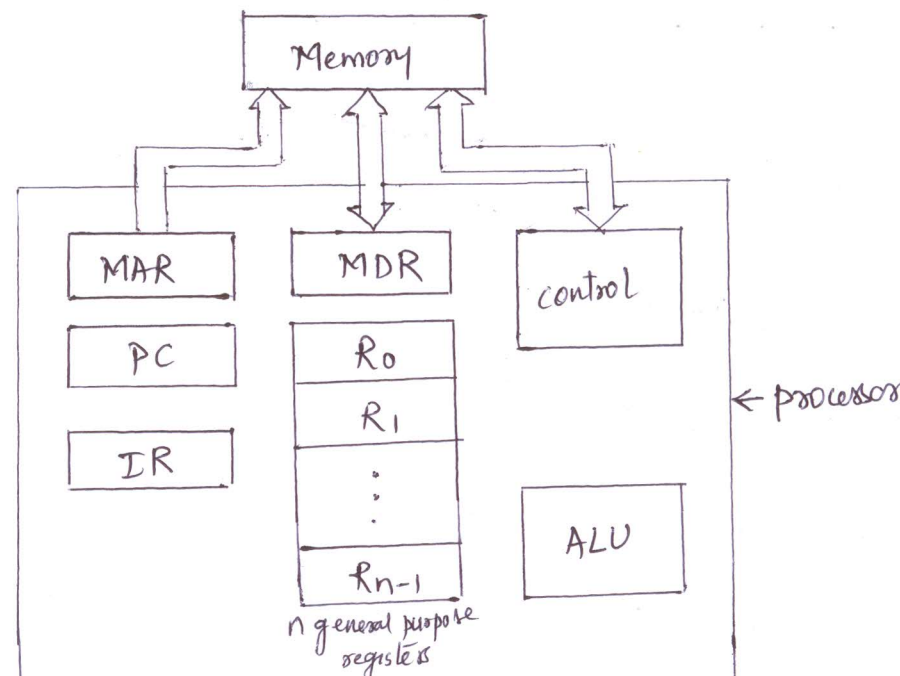
Subject Code: 18CS34

Sem: 3

CO1	Explain the basic organization of a computer system.
CO2	Demonstrate functioning of different sub systems, such as processor, Input/output, and memory.
CO3	Illustrate hardwired control and micro programmed control, pipelining, embedded and other computing systems.
CO4	Design and analyse simple arithmetic and logical units.

#### Bloom's Taxonomy Levels

L1: Remembering L2: Understanding L3: Applying L4: Analyzing L5: Evaluating L6: Creating

Question No	Solution	Marks	CO's	BLT
1a	I (iii) PC II (iv) Buffer registers	1 1		1
b	 <p>← processor</p> <p>n general purpose registers</p> <p>Explanation of special purpose registers PC, IR, MAR and MDR General purpose registers, control and ALU</p>	2M  2M	1	2

Questi on No	Solution	Marks	CO's	BL's																																																																																
c)	<p><u>Big endian Assignment</u> - Lower Byte addresses are used for more significant bytes of the word.</p> <p><u>Little endian Assignment</u> - Lower byte addresses are used for less significant bytes of the word.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>word addr</p> <table border="1"> <thead> <tr> <th></th><th colspan="4">Byte address</th></tr> </thead> <tbody> <tr> <td>0</td><td>0</td><td>1</td><td>2</td><td>3</td></tr> <tr> <td>4</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td></td></tr> <tr> <td><math>2^K-4</math></td><td><math>2^K-4</math></td><td><math>2^K-3</math></td><td><math>2^K-2</math></td><td><math>2^K-1</math></td></tr> </tbody> </table> <p>Big endian assignment</p> </div> <div style="text-align: center;"> <p>Byte address</p> <table border="1"> <thead> <tr> <th></th><th colspan="4">Byte address</th></tr> </thead> <tbody> <tr> <td>0</td><td>3</td><td>2</td><td>1</td><td>0</td></tr> <tr> <td>4</td><td>7</td><td>6</td><td>5</td><td>4</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td></td></tr> <tr> <td><math>2^K-4</math></td><td><math>2^K-1</math></td><td><math>2^K-2</math></td><td><math>2^K-3</math></td><td><math>2^K-4</math></td></tr> </tbody> </table> <p>Little endian assignment</p> </div> </div>		Byte address				0	0	1	2	3	4	4	5	6	7																					$2^K-4$	$2^K-4$	$2^K-3$	$2^K-2$	$2^K-1$		Byte address				0	3	2	1	0	4	7	6	5	4																					$2^K-4$	$2^K-1$	$2^K-2$	$2^K-3$	$2^K-4$	2M		
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2	<p>a) I) (ii) Relative</p> <p>II (ii) ADDI 5, R1</p> <p>b) SHIFT instructions</p> <p>Logical shifts - General binary coded information</p> <p>Arithmetic shifts - signed numbers</p> <p>In each we have left shift and right shift.</p>	1 1	1	1																																																																																
		2																																																																																		

Questi on No	Solution	Marks	CO's	BLT
	<p><u>Logical left shift</u> / Arithmetic left shift</p> <p>LshiftL count, dst - shift data in dst left count number of times</p> <div data-bbox="381 470 974 560"> </div> <p>Eg: LshiftL #2, R0</p> <p>before: <span style="border: 1px solid black; padding: 2px;">0</span> <span style="border: 1px solid black; padding: 2px;">01110 . . . 011</span></p> <p>after: <span style="border: 1px solid black; padding: 2px;">1</span> <span style="border: 1px solid black; padding: 2px;">110 . . . 01100</span></p> <p><u>Logical right shift</u></p> <p>LshiftR count, dst - shift data in dst right count number of times.</p> <p>eg: LshiftR #2, R0</p> <div data-bbox="381 1254 1079 1344"> </div> <p>before: <span style="border: 1px solid black; padding: 2px;">01110 . . . 011</span> <span style="border: 1px solid black; padding: 2px;">0</span></p> <p>after: <span style="border: 1px solid black; padding: 2px;">0001110 . . . 0</span> <span style="border: 1px solid black; padding: 2px;">1</span></p> <p><u>Arithmetic right shift</u> eg: AshiftR #2, R0</p> <div data-bbox="357 1668 1023 1758"> </div> <p>before: <span style="border: 1px solid black; padding: 2px;">10011 . . . 010</span> <span style="border: 1px solid black; padding: 2px;">0</span></p> <p>after: <span style="border: 1px solid black; padding: 2px;">1110011 . . . 0</span> <span style="border: 1px solid black; padding: 2px;">1</span></p>	2	1	2

Questi on No	Solution	Marks	CO <sup>2</sup>	BL <sup>7</sup>
3	<p>a I)(iii) when the routine gets called</p> <p>II)iv)stack pointers</p> <p>b) Subroutine is a task that is repeated many times.</p> <p>Parameter passing may be accomplished in several ways. parameters may be placed in registers or in memory locations or the parameters may also be placed on stack.</p> <p>calling program</p> <pre> Move N, R1 Move #NUM1, R2 call LISTADD Move R0, SUM : : </pre> <p>subroutine</p> <pre> LISTADD clear R0 LOOP Add (R2)+, R0 Decrement R1 Branch &gt;0 LOOP Return </pre> <p>Explanation</p>	1  1  3	1   1	1   2
4	<p>a) I) (iv) Assembler directives</p> <p>II) (iv) Reserve</p>	1 1	1	1

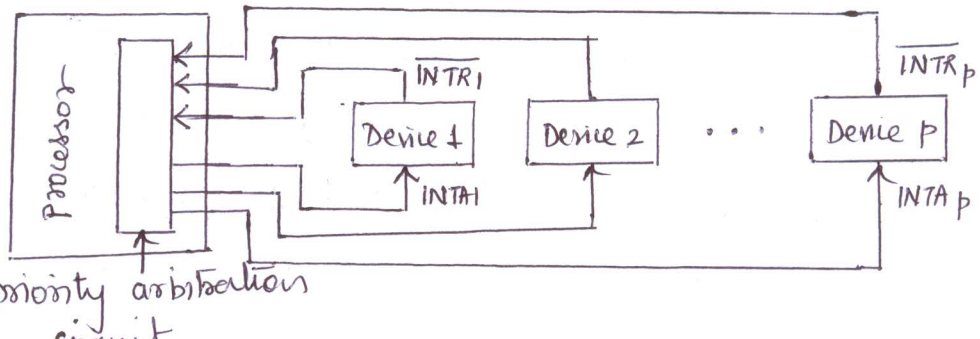
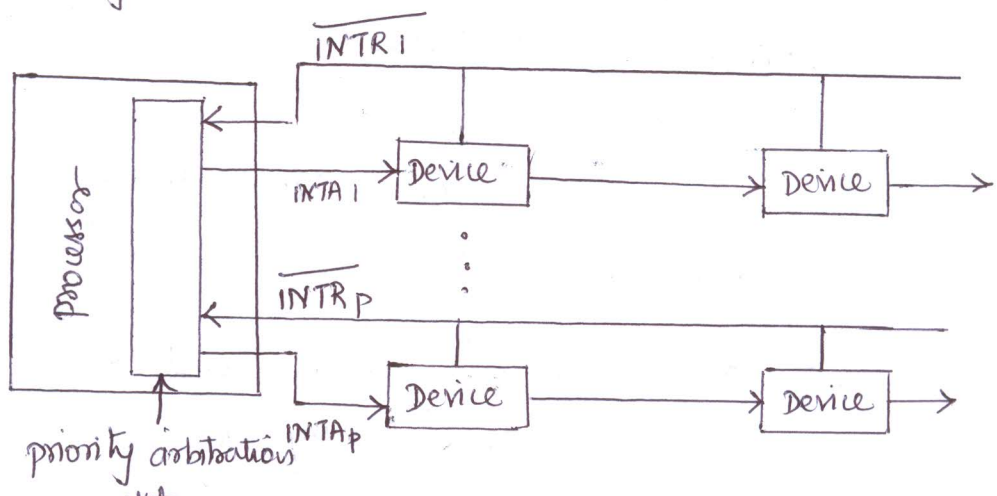


Question No	Solution	Marks	CO's	BLT
b)	<p>Addressing Modes - The different ways in which the location of an operand is specified in an instruction are referred to as addressing mode.</p> <p>Immediate mode            Eg: Move 200 immediate, R0      operand = value      1</p> <p>Absolute mode            Eg: Move LOC, R2      EA = LOC      1.5</p> <p>Register Mode            Eg: Add R1, R2      EA = R1      1.5</p> <p>Register Indirect Mode            Eg: Add (R2), R0      EA = [R1]      1.5</p> <p>Memory indirect Mode            Eg: Move (B), A      EA = [LOC]      1.5</p>			
	<u>PART B</u>			
5.	<p>a) I) i) The I/O devices and memory share the same address space.</p> <p>II) i) polling</p> <p>b) Interrupt is an hardware signal sent to the processor</p>	<p>1</p> <p>1</p> <p>1</p>	2	1



Ques. on No	Solution	Marks	CO's	BLT
66	<p>Exception is used to refer to any event that causes an interruption - Hence I/O interrupts are one example of an exception</p> <p>3 Types of exception</p> <p>* <u>Recovery from Error</u></p> <p>Error checking code in the main memory which allows detection of errors in the stored data. It suspends the program being executed and starts an exception-service routine.</p> <p>* <u>Debugging</u></p> <p>Debugger is a system software program which helps the programmer find errors in a program. Two important facilities</p> <p>Trace and breakpoints</p> <p><u>Trace</u> - an exception occurs after every instruction execution.</p> <p><u>Breakpoints</u> - an exception occurs only at specific points selected by the user in the program.</p> <p>* <u>Privilege Exception</u> - An attempt to execute a privileged instruction in user mode raises a privilege exception.</p>	<p>1M</p> <p>2M</p> <p>3M</p> <p>2M</p>	<p>2</p>	<p>2</p>



Question No	Solution	Marks	CC	BC
7.	<p>a) I) 'ii) The instruction is halted and the exception is handled.</p> <p>II) (iv) Both trace and Break points</p> <p>b) (i) Interrupt Nesting</p>  <p>priority arbitration circuit</p> <p>Separate interrupt request and interrupt-ack line for each device is provided. Each interrupt req line is assigned a different priority level.</p>  <p>priority arbitration ckt</p> <p>Daisy chain arrangement of priority groups.</p> <p>Explanation</p>	4	2	2

*Nayath*  
Signature of Faculty

- 8 -

*Crowda*  
HOD 12/10/2020

HOD  
Dept. of Computer Science & Engg  
ATME College of Engineering  
Tysuru-570026



### Department of Computer Science & Engineering

#### A REPORT ON PROJECT EXPO 2021

Date: 02-08-2021

No of teams presented : 24

Mode : Online

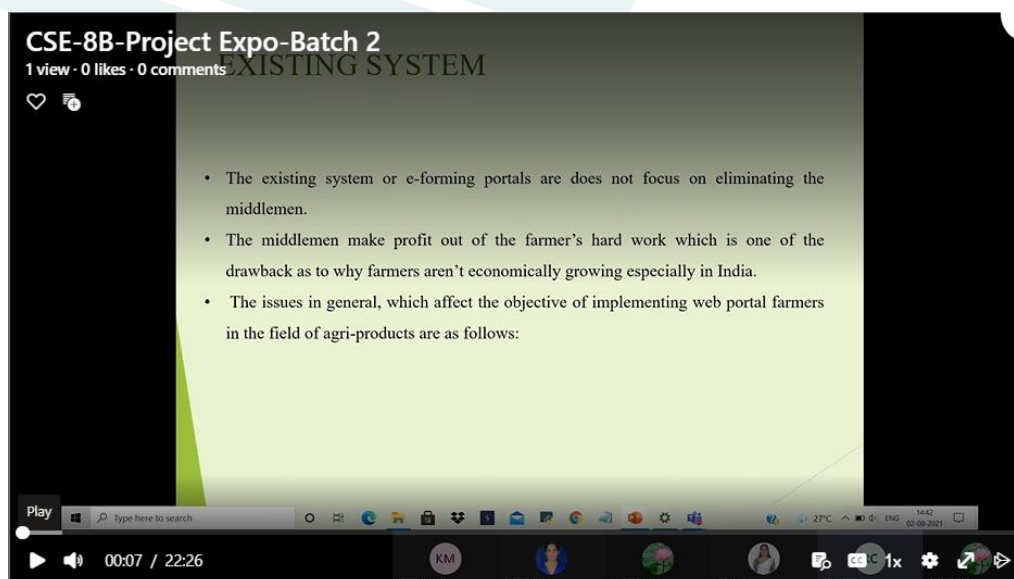
Platform: MS Teams

Objectives of the event: Show casing the student's project to the industries was the main objective and thereby enhancing the project quality as per the need of industry, with this in mind Department of Computer Science & Engineering had initiated the concept of Project Project Expo (Online Mode) for 8th semester Students.

The purpose of this event is to showcase the projects of final year BE students. To achieve the activities carried out are showcasing more than 24 Projects are prepared by students under the guidance of faculty members of the department.

Industry experts are invited from industries to judge the projects and based on their evaluation select the best project from department. The outcome of the PROJECT EXPO was that students were able to show their project at higher level and the process boosted their confidence.

The project expo witnessed the presence of Dr.Deepak, along with the faculty and staff members of Department of CSE, ATMECE.









# A T M E

College of Engineering




## Department of Computer Science & Engineering

**A T M E**  
College of Engineering

  
ISO 9001:2015

**DEPARTMENT OF COMPUTER SCIENCE  
& ENGINEERING is Organizing**



**PROJECT EXPO**

**Date** **02-08-2021** **Time** **10am to 4pm**

E-Certificate issued to all participants and  
two best projects will be awarded.

**Academy for Technical & Management Excellence**

13<sup>th</sup> Kilometer, Mysore-Bannur Road, Mysore- 570 028

**P** : 0821-2593335 **F** : 0821-2593328

**E-Mail** : csdept@atme.in

**Web** : www.atme.in

## Department of Computer Science & Engineering

### Project Expo

### Feedback

Sl No	USN	Student	Conduction of Event	Rating for the Event (1to 5)	Any suggestions
1	4AD17CS055	Nandakishor B M	Good	5	No
2	4AD17CS095	Tejas M K	Excellent	5	
3	4AD17CS059	Nishchal R	Good	5	
4	4AD17CS069	Rachana G S	Excellent	4	Good
5	4AD17CS020	Chandana M	Excellent	5	
6	4AD17CS029	Harshitha M	Good	5	
7	4AD17CS030	Harshitha M P	Good	4	Good
8	4AD17CS072	Rakshitha C M	Good	5	
9	4AD17CS073	Rakshitha Y S	Good	5	Good
10	4AD17CS071	Rakshith Kumar H N	Good	4	Good
11	4AD17CS074	Renuka S	Excellent	5	
12	4AD17CS002	Abhishek R	Good	4	
13	4AD16CS102	Rachan M A	Good	4	
14	4AD17CS041	Chinnidhi	Good	4	
15	4AD17CS014	Bharath J	Excellent	5	Good
16	4AD18CS400	Amrutha A S	Good	5	
17	4AD17CD022	Divya H.	Good	5	
18	4AD17CS034	Jesmitha M P	Good	5	
19	4AD17CS046	Malavika T M	Good	5	
20	4AD17CS088	Sushma .V	Good	5	
21	4AD17CS064	Poojashree .N	Good	4	
22	4AD17CS066	Pratheeksha .G	Good	4	
23	4AD17CS067	Preksha .S	Good	5	Good
24	4AD16CS003	Affan Zaidi	Excellent	5	
25	4AD15CS063	Rakshith Ms	Excellent	5	
26	4AD15CS051	Nisarga Teresa	Good	5	
27	4AD15CS072	Salman Mustafa	Good	5	Good
28		Nishanth	Good	5	
29		Chandrakanth	Good	5	
30	4AD16CS085	Sushmaraj R	Excellent	5	
31	4AD17CS055	Nandini M M	Good	5	Good
32	4AD17CS092	Sinchan Muthamma	Good	4	
33	4AD17CS099	Vismaya	Excellent	4	
34	4AD17CS097	Varshitha R	Good	5	

## Department of Computer Science & Engineering

35	4AD17CS024	Faiza Firdaus	Good	5	
36	4AD17CS037	Kulsum Khanum K	Good	4	
37	4AD17CS039	Lavanya S	Excellent	5	Good
38	4AD17CS093	Tania Farheen	Good	5	
39	4AD17CS004	Ahalya P	Good	4	
40	4AD17CS006	Amulya P	Good	5	
41	4AD18CS402	Meghana H S	Good	5	
42	4AD18CS401	Deepika K	Good	4	
43	4AD17CS090	Syed Abdur Rahaman	Good	5	
44	4AD17CS094	Tayyaba	Good	5	
45	4AD17CS075	Ruck Sare Sabha	Good	5	
46	4AD17CS091	Syed Asif	Good	4	
47	4AD17CS007	Anees Fathima	Excellent	5	
48	4AD17CS015	Bhavana M	Excellent	4	
49	4AD18CS403	Pallavi K M	Good	5	
50	4AD17CS026	Geetha S	Excellent	5	
51	4AD17CS005	Akhilesh.J.A	Good	4	
52	4AD17CS012	Arjun.V	Good	5	
53	4AD17CS015	Bhavana.R	Good	5	
54	4AD17CS038	Kusum.I.K	Good	5	
55	4AD17CS040	Likith V	Good	5	
56	4AD17CS032	Janavi K V	Good	4	
57	4AD17CS047	Manish Kumar S	Good	5	
58	4AD17CS080	Samura Mariyam K	Good	4	
59	4AD17CS044	Madhushree. S	Good	5	
60	4AD17CS048	Meghana . R	Good	5	
61	4AD17CS050	Mohamed Shoaib	Good	4	
62	4AD17CS025	Farhaz Khan	Good	5	
63	4AD17CS068	R. Anu Kanthan	Good	5	
64	4AD16CS094	Usha M.T	Good	5	
65	4AD17CS083	Shreyas M.L	Good	5	
66	4AD17CS096	Tejaswini A.G	Good	5	
67	4AD17CD008	Anil Kumar G	Good	5	
68	4AD17CS011	Apoorva R	Good	5	
69	4AD17CS018	Canny Cushalappa N J	Good	5	
70	4AD17CS021	Darshini R	Good	5	
71	4AD17CS086	Sowmya M V	Good	5	
72	4AD17CS098	Vinaykumar Y D	Good	5	
73	4AD17CS060	Nithan L	Good	5	
74	4AD17CS079	Sahana M S	Good	5	
75	4AD17CS078	Sahana M P	Good	5	
76	4AD17CS081	Sanjana BI	Good	5	



## Department of Computer Science & Engineering

77	4AD17CS076	Sachin N	Good	5	
78	4AD17CS089	Sushmitha Cm	Good	5	
79	4AD15CS095	Yashaswini .C	Good	5	
80	4AD16CS019	Deepthi .M	Good	5	
81	4AD17CS405	Arun Nayar N	Good	5	
82	4AD17CS401	Akeebulla N	Good	5	
83	4AD17CS031	Hemanth.B	Good	5	
84	4AD17CS028	Harish L.K	Good	5	
85	4AD17CS043	Machaiah M.E	Good	5	
86	4AD17CS042	M.S.Hruthvic	Good	5	
87	4AD17CS054	Nandini J	Good	5	



A T M E  
College of Engineering



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING is Organizing

# PROJECT EXPO

Date

**02-08-2021**

Time

**10am to 4pm**

E-Certificate issued to all participants and  
two best projects will be awarded.

## Department of Computer Science & Engineering

Date: 30-07-2021

From

Anil Kumar B H  
Event Coordinator

To,

The Principal  
ATMECE, Mysuru

Through

HoD,  
Department of CSE  
ATMECE, Mysuru

Respected Sir,

**Subject: Regarding conduction of "Project Expo" event on 02-08-2021.**

With reference to the above subject, department of Computer Science and Engineering conducting one day internal project exhibition on 02-08-2021 from 10:00 AM to 4:00 PM for final year students. I request you to grant me the permission and do the needful for conduction of event.

Thanking You

forwarded for your kind  
approval

By  
30/7/2021

*Anil*

Yours Sincerely

Mr. Anilkumar B H  
Assistant Professor

Approved

*[Signature]*  
30/7/21



# A T M E

College of Engineering

ATME College of Engineering

13th Kilometre, Mysore - Kanakapura - Bangalore Road. Mysore - 570 028

Department of Computer Science and Engineering



## Certificate

Certificate ID: KFSRRAE-CE000025

This is to certify that **Bhavana R** of **ATMECE, Mysuru** successfully participated in “**Project Expo**” conducted on **02<sup>nd</sup> August 2021** organized by Department of Computer Science & Engg, ATMECE, Mysuru.

Anilkumar B H  
Asst. Prof.  
Coordinator

Dr. Puttegowda D  
Prof & HoD  
Dept. of CSE

Dr L Basavaraj  
Principal  
ATMECE





## Department of Computer Science & Engineering

### Report on Hackfest- 2021

Two days National level hackathon(online)

[2<sup>nd</sup> & 3<sup>rd</sup> July 2021]

The Department of Computer Science & Engineering had organized 2 days' National level hackathon(online) on 2<sup>nd</sup> and 3<sup>rd</sup> July 2021.

#### The objectives of the hackathon were:

- To provide space for students to showcase their technical skills.
- To provide a platform for creating solutions for social causes
- To inculcate teamwork spirit among students.

40 teams across the country enrolled in the national level hackathon and here is the list of colleges that participated in hackfest-2021.

1. P D A College of Engineering, Gulbarga, Karnataka
2. ATME, College of Engineering, Mysore, Karnataka
3. B.M.S. College of engineering, Bengaluru, Karnataka
4. Maharaja Institute of Technology Thandavpura, Mysore, Karnataka
5. Panimalar institute of technology, Padarithangal, Tamil Nadu
6. The National Institute of Engineering, Mysore, karnataka
7. Kongu engineering college, Erode, Tamil Nadu
8. KLS Gogte Institute of Technology, Belgaum, Karnataka
9. Brainware university, Kolkata, West Bengal

#### ATME COLLEGE OF ENGINEERING

13<sup>th</sup> Kilometer, Mysore-Kanakapura-Bangalore Road, Mysore- 570 028    P : 0821-2593335    F : 0821-2593328  
E-Mail : csdept@atme.in    Web : www.atme.in



## Department of Computer Science & Engineering

10. Knowledge Institute of Technology, Sellampalayam, Tamil Nadu
11. Yeshwantrao Chavan College of Engineering, Nagpur, Maharashtra

### Day 1: 02/07/2021

The inauguration was held at 10 AM. Dr. Puttegowda D Professor. and Head, Department of Computer Science and Engineering, welcomed the guests and participants. The invocation was rendered by Kavya L G, 4<sup>th</sup> Semester student, followed by the lighting of lamp as a symbol of brightness and prosperity.

The Chief Guest for the event was Dr. Saranya, customer success manager GUVI Chennai and the Guest of honour: Mrs. Sahana Ramesh, business management professional Sony India. Dr. Saranya addressed audience about the importance of hackathon and emphasized on the importance of getting placed in product-based company.

Mrs. Sahana Ramesh in her speech highlighted on the smart work than the hard work. She emphasized on the importance on teams focus areas such as customer electricity, core technology support and digital process enablement. The hackathon report was read by Mr. Anil Kumar C J, Associate professor, Department of CSE. Dr. L Basavaraj, Principal, ATMECE, in his presidential speech motivated students and stated that events like hackathons will help in updating their skills and knowledge. He also congratulated all the participants in the event. Vote of thanks was proposed by Mrs. Akshatha A, Assistant professor, Dept. of CSE.

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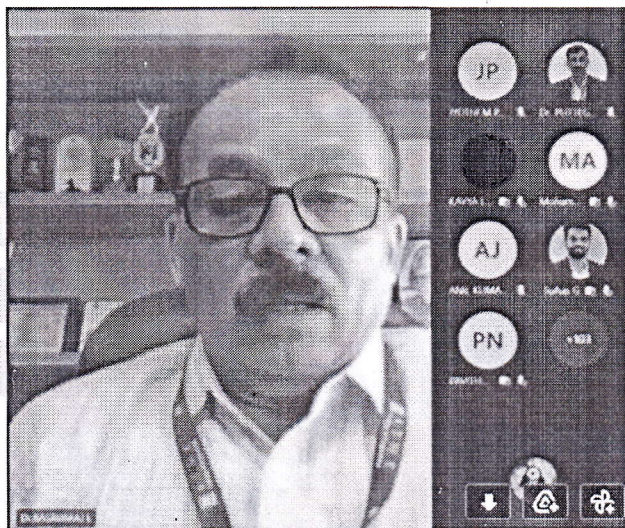
## Department of Computer Science & Engineering



Chief guest, Dr. Saranya addressing the Audience



Mrs. Sahana Ramesh addressing the Audience



Presidential speech by Dr. L Basavaraj, Principal, ATMECE, Mysuru

After the Inauguration the event started and students started coding.

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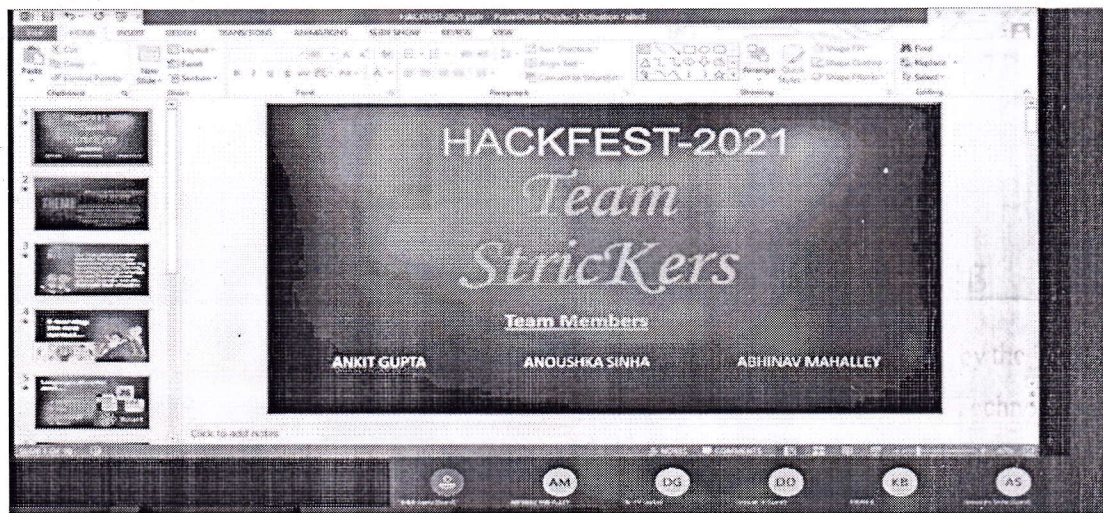
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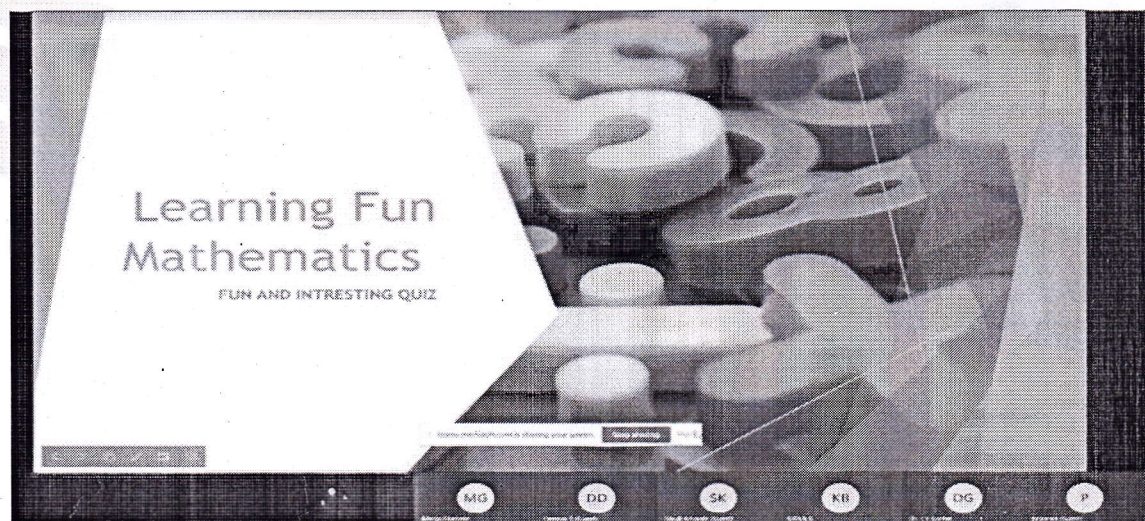
## Department of Computer Science & Engineering

In continuing the event, at 3 PM, the first round of evaluation was carried out by the judges. The external judges were Mr. Santosh Kumar J and Mr. Santosh B from VHU Technologies, Bengaluru and Mr. Deepak and Mr. Hemanth Kumar from Rubix technologies, Bengaluru.

Snapshots of the teams presenting their ideas.



The team Strickers presenting their ideas.



The team learning fun mathematics presenting their ideas

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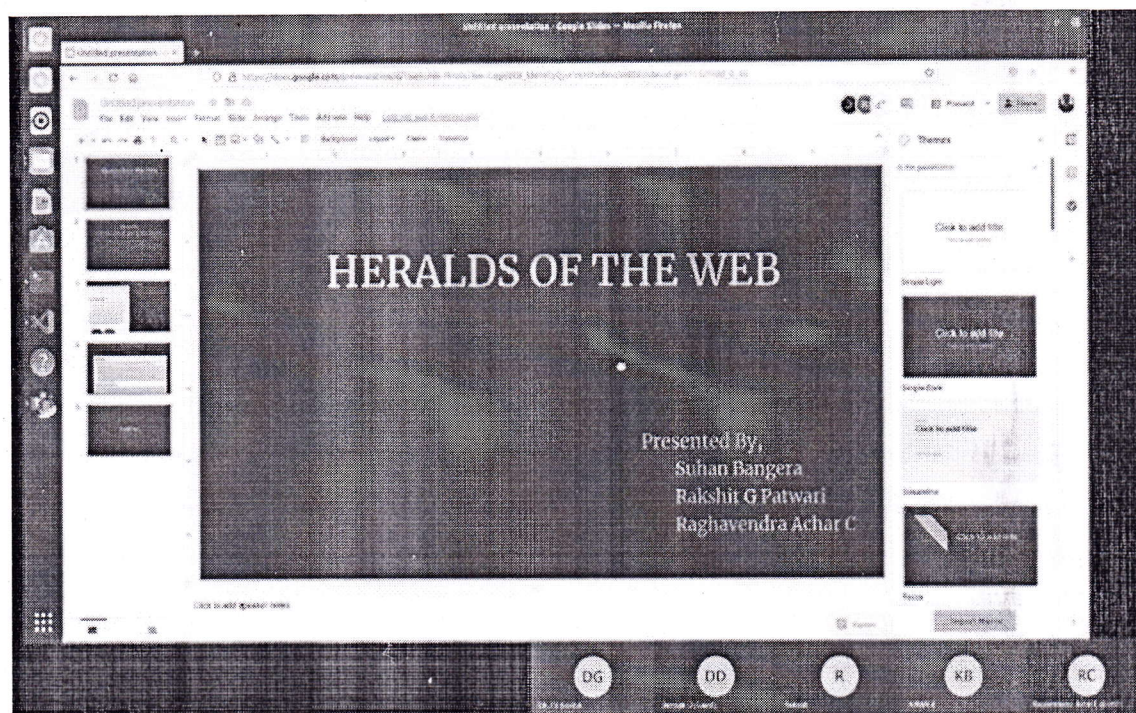
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## Department of Computer Science & Engineering



**The team Heralds of the web presenting their ideas**

The students presented their ideas using PPTs and there by developing a mobile application.

**Day 2: 03/07/2021**

The event started Second round of evaluation at 10:00 AM, Top 8 teams were shortlisted based on their skills and work. The coding continued till evening 3:30 PM. The Final around of evaluation was done from 3:30 PM and top 2 teams were selected.

The Valedictory function was held at 6:30 PM. The chief guest Smt. K A Anitha Venkatesh, state student coordinator CSI, Karnataka and guest of honour Prof. Mohamed Minaz, chairman, CSI, Mysore chapter congratulated all the winners of the event and the participants. Mr. Anil Kumar C J, Associate Professor and event coordinator announced the winners. The winners of the event received the cash prize of rupees 8,000 for first prize and rupees 4,000 for second prize.

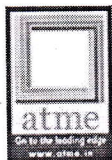
**The winners were as follows:**

**1st prize: Team- Coding Geeks**

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**A T M E**  
College of Engineering



## Department of Computer Science & Engineering

Participants- Thari Zephaniah, Nithin Kumar, Soumya Surendra

College- Indian institute of information technology and management, Gwalior

2nd prize: **Team- Buzzinga**

Participants- Goutham M, Dhanjaya S

College- KSIT, Bengaluru

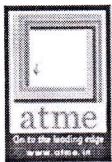
Dr. Puttegowda D Professor. and Head, Dept. of Computer Science and Engineering in his presidential speech, congratulated the winners and thanked all the participants and organizers. The event concluded in vote of thanks by Mr. Kiran B, Assistant professor, Department of CSE.

**ATME COLLEGE OF ENGINEERING**

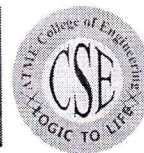
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## Department of Computer Science & Engineering

### Sample certificate

	<b>A T M E</b> College of Engineering		
<p>ATME College of Engineering 13th Kilometre, Mysore - Kanakapura - Bangalore Road, Mysore - 570 028 Department of Computer Science and Engineering</p>			
<h3>Certificate</h3>			
<p>This is to certify that Mr./Ms <u>Olichia Prijit B</u> of <u>Knowledge Institute of Technology</u> has successfully participated in HACKFEST-2021, Two days' national level hackathon organized by department of Computer Science and Engineering under CSI student branch, held at ATME College of Engineering, Mysuru on 2nd and 3rd July 2021.</p>			
			
Anil Kumar C J Convener SBC CSI-SB ATMECE, Mysuru	Dr. Puttegowda D Prof & HoD Dept. of CSE	Dr. L. Basavaraj Principal ATMECE	

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# ATME

College of Engineering

Department of Computer Science & Engineering



Date: 05-06-2021

To,

The Principal,  
ATMECE, Mysuru,

From,

Anil Kumar C J,  
Associate professor and CSI-SBC,  
Department of CSE,  
ATMECE, Mysuru.

Through,

The HoD,  
Department of CSE,  
ATMECE, Mysuru.

Respected Sir,

**Sub:** Requisition for permission to organize National level Hackathon under CSI student branch.

With reference to the above subject, CSI-Student branch, ATMECE is planning to organize 2 day National level Hackathon (online mode) on 2<sup>nd</sup> and 3<sup>rd</sup> July 2021.

The purpose of the Hackathon is to bring a group of programmers to work together on a collaborative project. A competition like this aims at developing something amazing within a limited time frame. The most valuable part of the hackathon is the learning experience. The goal of the hackathon is to create functioning software by the end of the event.

I kindly request you to grant permission and oblige.

Note: The estimated budget for the above mentioned event is enclosed for your kind perusal.

Thanking you,

Yours Faithfully,

Anil Kumar C J

Forwarded for your kind  
approval

Provide  
5/6/21

Approved

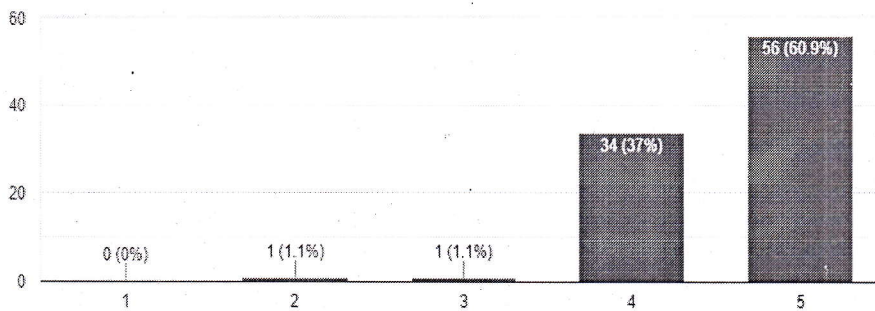
5/6/21



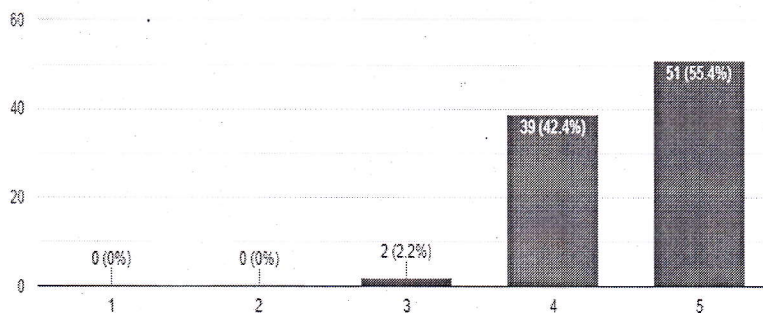
## Department of Computer Science & Engineering

### Feedback Report

Question: Was the hackfest helpful for you



Question: Is the Objective of the hackfest is clearly set



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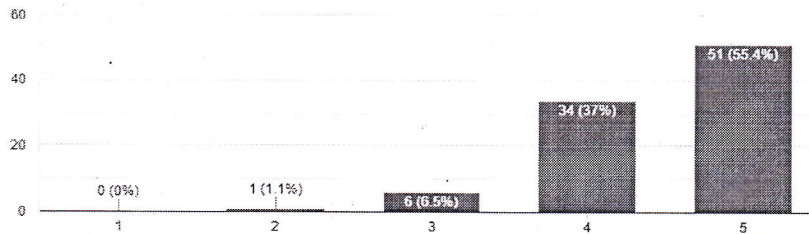
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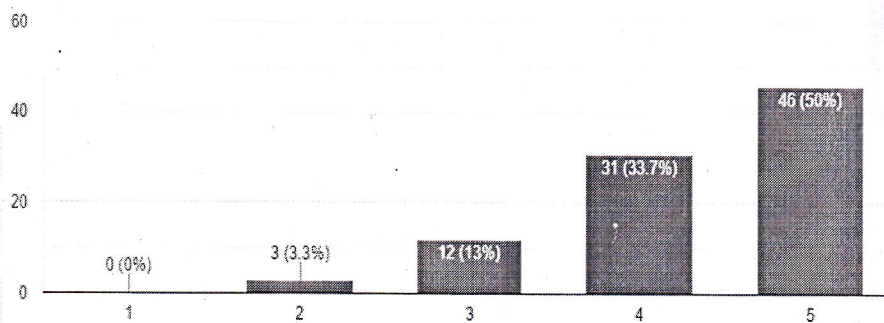
Web : www.atme.in

## Department of Computer Science & Engineering

Question: How was the judgment of all juries throughout the hackfest



Question: Was the Hackfest well organized and executed



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# A T M E

College of Engineering



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING UNDER CSI STUDENT BRANCH PRESENTS



# HACKFEST-2021



TWO DAYS NATIONAL LEVEL HACKATHON

(ONLINE) ON **2<sup>ND</sup>** & **3<sup>RD</sup>** JULY 2021

SCAN FOR  
REGISTRATION



**LAST DATE FOR REGISTRATION - 28-6-21**

CASH PRIZE:

FIRST: 8000/-

SECOND: 4000/-

REGISTRATION FEE: RS. 200/- PER TEAM

\* TEAMS SHOULD CONSISTS OF **2** TO **3** MEMBERS

OBJECTIVES:

- > To provide space for students to showcase their technical skills.
- > To provide a platform for creating solutions for social causes.
- > To inculcate teamwork spirit among students.

### CHIEF PATRONS

**SRI. L. ARUN KUMAR**  
CHAIRMAN, ATMECE, MYSURU

**SRI. K. SHIVASHANKAR**  
SECRETARY, ATMECE, MYSURU

**SRI. R. VEERESH**  
TREASURER, ATMECE, MYSURU

### CSI EXECUTIVES

**Dr. P. Kumar**  
National Student  
Coordinator.

**Pro. M.S.P Babu**  
Region Vice President,  
Region V. CSI.

**K.A. Anitha Venkatesh**  
State Student  
Coordinator  
Karnataka State.

**Dr Abdul Salman Moiz**  
Regional Student  
Coordinator,  
Region V.

### PATRON

**Dr. L. BASAVARAJ**  
Principal ATMECE,  
Mysuru

**Organising Chair**  
**Dr. Puttegowda. D**  
HOD, Department of CSE,  
ATMECE, Mysuru.

### Account Details

Bank Name:

Kaveri Grameena Bank

Account Number:

12103100003672

IFSC Code:

PKGB0012103

For any queries:

Anil Kumar G - 7204624834

Christo Abraham - 8550055312

### Conveners

**Mr. Anil Kumar C J**  
Associate Professor,  
Dept. of CSE,  
ATMECE, Mysuru.

**Ms. Lavanya N**  
Assistant Professor,  
Dept. of CSE,  
ATMECE, Mysuru.

**Registration link:** <https://forms.gle/w47SCDR9nmcq1TBj9>

**E-Certificates will be provided to all registered participants.**

**Note: Further details about topics will be mailed to the registered participants.**



**ATME College of Engineering**

**C1.1.2 - The institution adheres to the academic calendar including for the conduct of CIE**

**Supporting Documents**

**Index**

Sl. No.	Academic Year	Particulars
1	<b>2020-21</b>	Academic Calendar- VTU
2		Academic Calendar- College
5		Sample IA Test Circular, Attendance & QP





**Visvesvaraya Technological University**  
"Jnana Sangama" Belagavi-590018, Karnataka State, India

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

Registrar

Ref: VTU/BGM/Aca/A-9/2020-21/ **3893**

Phone: (0831) 2498100

Fax: (0831) 2405467

Dated: **25 NOV 2020**

**NOTIFICATION**

**Subject:** Revised Academic Calendar for Odd semester 2020-21 (Tentative) regarding...  
**Reference:** Hon'ble Vice-Chancellor Approval dated 17.11.2020

Revised Academic Calendar for III, V, and VII semesters of B.E./B.Tech./B.Plan and IX semester of B.Arch., III and V semester of MCA and III semesters 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: 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

**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 & 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			01.09.2020	01.09.2020	01.09.2020	01.09.2020	01.09.2020
Last Working day of ODD Semester			16.01.2021	16.01.2021	16.01.2021	16.01.2021	16.01.2021
Practical Examinations			21.01.2021 To 02.02.2021	21.01.2021 To 27.01.2021	21.01.2021 To 27.01.2021	21.01.2021 To 27.01.2021	--
Theory Examinations			08.02.2021 To 26.03.2021	28.01.2021 To 10.02.2021	21.01.2021 To 17.02.2021	28.01.2021 To 10.02.2021	21.01.2021 To 06.02.2021
Internship Viva- Voce			--	--	--	11.02.2021 To 18.02.2021	--
Professional training / Organization study Commencement			--	--	--	--	--
<b>EVEN Semester</b>			26.03.2021	11.02.2021	18.02.2021	19.02.2021	08.02.2021

**NOTE**

- VII Semester B. E. / B. Tech students shall have to undergo Internship as per circular of University VTU/Asa/2019-20/983, dated 12.05.2020.
- The classroom sessions for all the higher semesters would be in ONLINE/ONLINE/ONLINE as per the order issued by UGC/Govt. of Karnataka and 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 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.

*[Signature]*  
26.11.2020  
REGISTRAR



**A T M E**  
College of Engineering

**ATME COLLEGE OF ENGINEERING, MYSURU**  
Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
1	SEPTEMBER			1	2	3	4	5		3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup> Semester : commencement of Online Classes
2		6	7	8	9	10	11	12		
3		13	14	15	16	17	18	19	Mahalaya Amavasya	
4		20	21	22	23	24	25	26		
5		27	28	29	30					
6	OCTOBER					1	2	3	Gandhi Jayanthi	
7		4	5	6	7	8	9	10		First IA for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
8		11	12	13	14	15	16	17		
9		18	19	20	21	22	23	24		
10	NOVEMBER	25	26	27	28	29	30	31	Ayudha Pooja, Vijaya Dashami, Eid-Milad, Valmiki Jayanthi	
11		1	2	3	4	5	6	7	Kannada Rajyotsava	
12		8	9	10	11	12	13	14	Naraka Chaturdashi	Second IA for 3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester
13		15	16	17	18	19	20	21	Balipadyami	Commencement of On-Campus Classes for Semester 7.
14		22	23	24	25	26	27	28		
		29	30							

Non Working Saturdays



**ATME COLLEGE OF ENGINEERING, MYSURU**  
Revised Academic Calendar (ODD SEMESTER, 2020-21)

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	DECEMBER			1	2	3	4	5	Kanakadasa Jayanthi	
15		6	7	8	9	10	11	12		
16		13	14	15	16	17	18	19		
17		20	21	22	23	24	25	26	Christmas	
18		27	28	29	30	31				Third IA for Semesters 3, 5 and 7
18	JANUARY						1	2		
19		3	4	5	6	7	8	9		LAB Interenals for Semesters 3,5 and 7
20		10	11	12	13	14	15	16	Makra Sankranthi	Improvement IA for Semesters 3,5 and 7, LAST working day for ODD Sem 2020-21
21		17	18	19	20	21	22	23		Comencement of Odd Semester Practical Exams
22		24	25	26	27	28	29	30	Republic Day	
23		31								
23	FEBRUARY		1	2	3	4	5	6		End of Odd Semester Practical Exams
24		7	8	9	10	11	12	13		Commencement of Odd Semester Theory Exams
25		14	15	16	17	18	19	20		
26		21	22	23	24	25	26	27		
27		28								
Non Working Saturdays										
No. Of Working Days		17	20	20	17	17	9	Total No. Of Working Days		100





**ATME COLLEGE OF ENGINEERING, MYSURU**  
**Revised Academic Calendar (ODD SEMESTER, 2020-21)**

WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	HOLIDAY (H)	COLLEGE EVENTS
14	MARCH		1	2	3	4	5	6		
15		7	8	9	10	11	12	13	Mahashivaratri	
16		14	15	16	17	18	19	20		
17		21	22	23	24	25	26	27		25 <sup>th</sup> End of odd semester Theory exams, 26 <sup>th</sup> Mar 2021 Commencement of Even Semester
18		28	29	30	31					
18	APRIL					1	2	3	Good Friday	
19		4	5	6	7	8	9	10		
20		11	12	13	14	15	16	17	Chadramana Yugadi, Ambedkar Jayanthi	
21		18	19	20	21	22	23	24		
22		25	26	27	28	29	30		Mahavir Jayanthi	
23	MAY							1	May Day (Labour Day)	
23		2	3	4	5	6	7	8		
24		9	10	11	12	13	14	15	Idul-Fitr, Basava Jayathi	
25		16	17	18	19	20	21	22		
26		23	24	25	26	27	28	29		
27		30	31							

Non Working Saturdays

Sd-  
Dr. L Basavaraj  
Principal



WEEK	MONTH	SUN	MON	TUE	WED	THU	FRI	SAT	No. of Days	HOLIDAY (H)	COLLEGE EVENTS
	MAY							1		May Day	
		2	3	4	5	6	7	8			
		9	10	11	12	13	14	15		Basava Jayanthi	
1		16	17	18	19	20	21	22	4		Commencement of Second Sem
2		23	24	25	26	27	28	29	6		
3	JUNE	30	31								
3				1	2	3	4	5	6		
4		6	7	8	9	10	11	12	6		
5		13	14	15	16	17	18	19	6		End of First Session of Mentoring
6		20	21	22	23	24	25	26	6		
7	JULY	27	28	29	30						
7						1	2	3	6		First IA
8		4	5	6	7	8	9	10	6		First IA
9		11	12	13	14	15	16	17	6		Attendance and IA to Parents
10		18	19	20	21	22	23	24	5	Bakrid	End of Second Session of Mentoring
11		25	26	27	28	29	30	31	6		



[illegible]

Sd/-  
Dr. Govinde Gowda M S  
Dean Academics

**Sd/-**  
**Dr. L Basavaraj**  
**Principal**





**A T M E**  
College of Engineering

# DEPARTMENT OF BASIC SCIENCES AND HUMANITIES



**Approved by AICTE (New Delhi) and Affiliated to VTU (Belagavi). 13th km Stone, Bannur Road, Mysuru - 570028**

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ATME  
College of Engineering

## Department of Basic Sciences and Humanities



Date: 25/01/2021

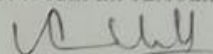
### Circular

The first Internal assessment is scheduled as per Academic calendar 2021. The timetable for the respective IA is as follows,

<u>First Internal Assessment Time Table</u>			
Date	Time	Physics Cycle	Chemistry Cycle
30-01-2021 Saturday	9:30 am to 11:00 am	18PHY12	18CHE12
	3:00 pm to 4:30 pm	18MAT11	
01-02-2021 Monday	9:30 am to 11:00 am	18ELE13	18ELN14
	3:00 pm to 4:30 pm	18CIV14	18CPS13
02/02/2021 Tuesday	9:30 am to 11:00 am	**	18ME15
	2.00 pm – 3.00 pm	18EGH18	

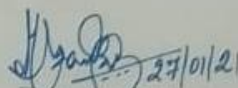
The same has been notified at Chemistry and Physics department Notice board. In this regard, it is informed to the students to bring Bluebooks directly to their allotted rooms on the day of first IA.

\*\* P-Cycle students will have to attend EGD L classes on 02/02/2021 from 9.00am till 12.15am.

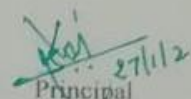
  
IA coordinator  
(Dr. Avinash. K)

Forwarded to Dean Academics for further necessary action

- Approved -

  
27/01/21  
Dean Academics  
(Dr. Govinde Gowda M S)

Forwarded to Principal for approval

  
27/1/21  
Principal  
(Dr. Basavaraj L)  
**PRINCIPAL**  
ATME College of Engineering  
13 KM, Mysuru-Kanakapura-Bangalore Road  
Mellahalli, Mysuru-570028

Copy to all departments for their reference

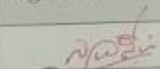

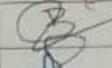
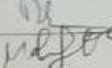
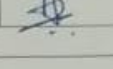
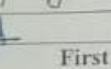




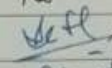

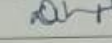

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College of Engineering

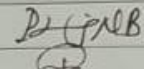
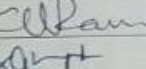




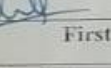
Department of Basic Sciences


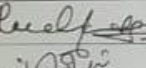

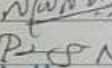

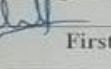


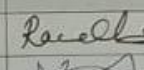
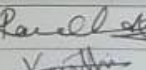

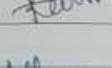

## Invigilation Dairy

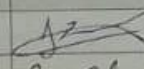
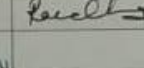
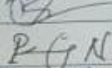
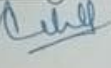
Date: 30/10/2021			First IA		
RN	Name	Signature	RN	Name	Signature
201	Chandra Shekar P		205	Lakshmi K	
202	BHARATHI B		206	Thej Kumar S	
203	Akshatha A		207	Dr. Mohanakumara	

Date: 30/10/2021			First IA		
RN	Name	Signature	RN	Name	Signature
201	Lavanya N		205	Bhanu Priya J	
202	Sathish K. C		206	R. Bhavathi	
203	Aranya K		207	Jyothi DN	

Date: 01/02/2021			First IA		
RN	Name	Signature	RN	Name	Signature
201	Priyanka NB		205	Ramanyia CM	
202	R. Bhavathi		206		
203	Thej Kumar S		207	Ramachandra	

Date: 01/02/2021			First IA		
RN	Name	Signature	RN	Name	Signature
201	Bhavana H		205	Ramachandra m n	
202	R. Bhavathi		206	Chandra Shekar P	
203	Bhanu Priya J		207	Priyanka NB	

Date: 02/02/2021			First IA		
RN	Name	Signature	RN	Name	Signature
201	Ramachandra m n		205	Ramachandra m n	
202	Kiran Kumar P		206	Keerthi A K	
203	Madhusudhan K V				

Date: 02/02/2021			First IA		
RN	Name	Signature	RN	Name	Signature
201	Kiran Kumar P		205	Keerthi A K	
202	Ramachandra m n		206	Bharathi B	
203	Madhusudhan K V		207	Priyanka NB	

		Form B				CV-201
Sl. No	Name	18PHY12	18MAT11	18ELE13	18CIV14	18EGH18
PE-1	A R Ujwal Gowda	<i>Ujwal AR</i>	<i>Ujwal AR</i>	<i>Ujwal AR</i>	<i>Ujwal AR</i>	<i>Ujwal AR</i>
PE-2	Abubaker Siddiq	<i>Abubaker</i>	<i>Abubaker</i>	<i>Abubaker</i>	<i>Abubaker</i>	<i>Abubaker</i>
PE-3	Aishwarya N	<i>Aishwarya N</i>	<i>Aishwarya N</i>	<i>Aishwarya N</i>	<i>Aishwarya N</i>	<i>Aishwarya N</i>
PE-4	Akash J	<i>Akash J</i>	<i>Akash J</i>	<i>Akash J</i>	<i>Akash J</i>	<i>Akash J</i>
PE-5	Amaan Baig	<i>Amaan Baig</i>	<i>Amaan Baig</i>	<i>Amaan Baig</i>	<i>Amaan Baig</i>	<i>Amaan Baig</i>
PE-6	Amrutha Arun	<i>Amrutha</i>	<i>Amrutha</i>	<i>Amrutha</i>	<i>Amrutha</i>	<i>Amrutha</i>
PE-7	Arvind M S	<i>Arvind MS</i>	<i>Arvind MS</i>	<i>Arvind MS</i>	<i>Arvind MS</i>	<i>Arvind MS</i>
PE-8	Ashis Prasad R	<i>Ashis</i>	<i>Ashis</i>	<i>Ashis</i>	<i>Ashis</i>	<i>Ashis</i>
PE-9	Ayesha Siddiqua	<i>Ayesha</i>	<i>Ayesha</i>	<i>Ayesha</i>	<i>Ayesha</i>	<i>Ayesha</i>
PE-10	Bavitha N K	<i>Bavitha</i>	<i>Bavitha</i>	<i>Bavitha</i>	<i>Bavitha</i>	<i>Bavitha</i>
PE-11	Chethankumar C M	<i>Chethan c</i>	<i>Chethan c</i>	<i>Chethan c</i>	<i>Chethan c</i>	<i>Chethan c</i>
Number of Absentees		00	00	- NIL -	- NIL -	- Nil -
Signature of Invigilator		<i>[Signature]</i>	<i>Lavanya N</i>	<i>P. G. N. B. 01/02</i>	<i>[Signature]</i>	<i>[Signature]</i>
Signature of Squad		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>



Department of Basic Sciences						
Sl. No	Name	18PHY12	18MAT11	18ELE13	18CIV14	18EGH18
PE-12	Ganesh K M	<i>Ganesh</i>	<i>Ganesh</i>	<i>Ganesh</i>	<i>Ganesh</i>	<i>Ganesh</i>
PE-13	Gargee J	<i>Gargee J</i>	<i>Gargee J</i>	<i>Gargee J</i>	<i>Gargee J</i>	<i>Gargee J</i>
PE-14	Haniya Afreen	<i>Haniya Afreen</i>	<i>Haniya Afreen</i>	<i>Haniya Afreen</i>	<i>Haniya Afreen</i>	<i>Haniya Afreen</i>
PE-15	Hariprasad C S	<i>Harip</i>	<i>Harip</i>	<i>Harip</i>	<i>Harip</i>	<i>Harip</i>
PE-16	Jeevan P	<i>Jeevan P</i>	<i>Jeevan P</i>	<i>Jeevan P</i>	<i>Jeevan P</i>	<i>Jeevan P</i>
PE-17	Jeevan P	<i>Jeevan P</i>	<i>Jeevan P</i>	<i>Jeevan P</i>	<i>Jeevan P</i>	<i>Jeevan P</i>
PE-18	Karthik M	<i>Karthik M</i>	<i>Karthik M</i>	<i>Karthik M</i>	<i>Karthik M</i>	<i>Karthik M</i>
PE-19	Kashifa Zehra V	<i>Kashifa</i>	<i>Kashifa</i>	<i>Kashifa</i>	<i>Kashifa</i>	<i>Kashifa</i>
PE-20	Kavana K R	<i>Kavana K.R.</i>	<i>Kavana K.R.</i>	<i>Kavana K.R.</i>	<i>Kavana K.R.</i>	<i>Kavana K.R.</i>
PE-21	Likith Abhishek K	<i>Likith Abhishek K</i>	<i>Likith Abhishek K</i>	<i>Likith Abhishek K</i>	<i>Likith Abhishek K</i>	<i>Likith Abhishek K</i>
PE-22	Mahadev Prasad P S	<i>Mahadev</i>	<i>Mahadev</i>	<i>Mahadev</i>	<i>Mahadev</i>	<i>Mahadev</i>
Number of Absentees		00	00	- NIL -	- NIL -	- NIL -
Signature of Invigilator		<i>Narain</i>	<i>Lavanya N.</i>	<i>P. N. B.</i> 01/02	<i>P. N. B.</i> 01/02/2021	<i>P. N. B.</i> 01/02/21
Signature of Squad				<i>Boo</i> <i>Hand</i>	<i>Boo</i>	

	PART-A Answer any THREE full Questions	Marks	COs	BTL
01.	<p>a) i) A differential equation <math>x^n \frac{d^n y}{dx^n} + a_1 x^{n-1} \frac{d^{n-1} y}{dx^{n-1}} + \dots + a_n y = 0</math> can be transformed into a linear differential equation with constant coefficient by means of the substitution a) <math>z = \log x</math>    b) <math>x = \log z</math> c) <math>x = e^{-x}</math>    d) <math>x = \frac{1}{z}</math></p> <p>ii) The general solution of <math>y''' - y'' + y' - y = 0</math> is a) <math>y = c_1 e^t \sin 2t + c_2 e^t \cos 2t</math>                  b) <math>y = e^t(c_1 + c_2 \sin 2t + c_3 \cos 2t)</math> c) <math>y = c_1 e^t + c_2 \sin t + c_3 \cos t</math>                d) <math>y = c_1 e^{-t} + c_2 \sin t + c_3 \cos t</math></p>	2 M	2	L2
	b) Solve $\frac{d^3 y}{dt^3} + 2 \frac{d^2 y}{dt^2} + \frac{dy}{dt} = e^{-t} + \sin 2t + t^2$	8 M		
02.	<p>a) i) The wronskin of <math>e^x</math> and <math>xe^x</math> by the method of variation of parameters is a) <math>e^{2x}</math>    b) <math>xe^{2x}</math> c) <math>e^{-2x}</math>    d) <math>x^2 e^{2x}</math></p> <p>ii) The particular integral of the differential equation <math>(D^2 - 4)y = \sin 4x</math> a) <math>y = \frac{x \sin 4x}{20}</math>    b) <math>y = \frac{-\sin 4x}{20}</math> c) <math>y = \frac{-x \sin 4x}{8}</math>     d) <math>y = \frac{-x \cos 4x}{20}</math></p>	2 M	2	L3
	b) $x^3 \frac{d^3 y}{dx^3} + 2x^2 \frac{d^2 y}{dx^2} + 2y = 10 \left(x + \frac{1}{x}\right)$	8 M		
03.	<p>a) i)The complementary function of the differential equation <math>(2x+3)^2 \frac{d^2 y}{dx^2} + (2x+3) \frac{dy}{dx} - 2y = x</math> is a) <math>c_1(2x+3) + c_2(2x+3)^{-1/2}</math>                      b) <math>c_1(2x+3) + c_2(2x+3)^{1/2}</math> c) <math>c_1(2x+3) + c_2(2x+3)^{-3/2}</math>                    d) <math>c_1(2x+3) + c_2(2x+3)^{3/2}</math></p> <p>ii)A differential equation of the type <math>x^n \frac{d^n y}{dx^n} + a_1 x^{n-1} \frac{d^{n-1} y}{dx^{n-1}} + \dots + a_n y = X</math> where <math>a_1, a_2, \dots, a_n</math> are constants and X is either a constant or a function of x, is also called</p>	2 M	2	L2

### Department of Mathematics

	a) Lagrange's equation c) Bernoulli's equation	b) Cauchy's equation d) Legendre's equation			
	b) Solve $y'' + y = \frac{1}{1+\sin x}$ by the method of variation of parameters		8 M		
04.	a) i) The roots of the homogeneous differential equation $\frac{d^2y}{dx^2} - 10\frac{dy}{dx} + 25y = 0$ is a) unique c) complex ii) If the roots of the A.E is $2 \pm 3i$ , $2 \pm 3i$ then the complementary function is a) $e^{2x}(c_1 \cos 3x + c_2 \sin 3x)$ b) $e^{3x}(c_1 \sin 2x + c_2 \cos 2x)$ c) $e^{2x}[(c_1 + c_2 x) \cos 3x + (c_3 + c_4 x) \sin 3x]$ d) $e^{3x}[(c_1 + c_2 x) \cos 2x + (c_3 + c_4 x) \sin 2x]$		2 M	2	L2
	b) Solve $(3x+2)^2 \frac{d^2y}{dx^2} + 3(3x+2) \frac{dy}{dx} - 36y = x^2 + x + 1$		8 M		

	PART-B Answer any TWO full Questions	Marks	COs	BTl
05.	a) i) The divergence of the vector field $\vec{f} = 3x^2\hat{i} + 5xy^2\hat{j} + xyz^3\hat{k}$ at the point (1,2,3) a) 89 c) 124 ii) Mathematically the functions in Green's Theorem will be a) continuous derivatives c) continuous partial derivatives b) discrete derivatives d) discrete partial derivatives	2 M	1	L2
	b) Find the value of the constant 'a' such that the vector function $\vec{A} = y(ax^2 + z)\hat{i} + x(y^2 - z^2)\hat{j} + 2xy(z - xy)\hat{k}$ is solenoidal. For this value of 'a', show that $\text{curl } \vec{A}$ is also solenoidal.	8 M		
06.	a) i) The Gauss divergence theorem converts a) line to surface integral c) surface to line integral ii) The curl of $\vec{f}(x, y, z) = x^2\hat{i} + xyz\hat{j} - z\hat{k}$ at the point (2,1,-2) a) $2\hat{i} + 2\hat{j}$ c) $4\hat{i} - 4\hat{j} + 2\hat{k}$ b) line to volume integral d) surface to volume integral b) $-2\hat{i} - 2\hat{j}$ d) $-2\hat{i} - 2\hat{k}$	2 M	1	L2





### Department of Mathematics

	b) Using stoke's theorem, evaluate $\int_C xydx + xy^2dy$ where c is the square in the x-y plane with vertices (1,0), (-1,0), (0,1) and (0,-1)	8 M		
07.	a) i) A vector field which has a vanishing divergence is called as a)solenoidal field c)irrotational field ii) A vector field with a vanishing curl is called as a)irrotational c)rotational b) rotational field d)none of these b)solenoidal d)none of these	2 M	1	L2
	b) If $\vec{F} = (axy + z^3)\hat{i} + (3x^2 - z)\hat{j} + (bxz^2 - y)\hat{k}$ is irrotational, find a and b. Also find scalar function $\phi$ such that $\vec{F} = \nabla\phi$	8 M		

CO1	Illustrate the application of multivariate calculus to understand the solenoidal and irrotational vectors and also exhibit the inter dependence of line, surface and volume integrals.
CO2	Demonstrate various physical models through higher order differential equations and solve such linear ordinary differential equations.
CO3	Construct a variety of partial differential equations and solution by exact methods/method of separation of variables.
CO4	Explain the applications of infinite series and obtain series solution of ordinary differential equations.
CO5	Apply the knowledge of numerical methods in the modeling of various physical and engineering phenomena.

Bloom's Taxonomy Level	
L1	Remembering
L2	Understanding
L3	Applying
L4	Analyzing
L5	Synthesizing
L6	Creating

*P. S. N. B.*

Name & Signature of Course Coordinator

*B. S. N.*

HoD Signature





**A T M E**  
College of Engineering

# DEPARTMENT OF BASIC SCIENCES AND HUMANITIES



**Approved by AICTE (New Delhi) and Affiliated to VTU (Belagavi). 13th km Stone, Bannur Road, Mysuru - 570028**

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### SCHEME & SOLUTION

SUB: Advanced Calculus and Numerical Methods(18MAT21)

Date: 06/07/2021

Qn	SCHEME	Marks	CO's	BTL
	Part-A:			
1. a)	<p>i) a) <math>y = \log x</math></p> <p>ii) c) <math>y = C_1 e^t + C_2 \sin t + C_3 \cos t</math></p> <p>b) A.E. is <math>m^3 + 2m^2 + m = 0</math></p> <p><math>\Rightarrow m = 0, -1, -1.</math></p> <p><math>\therefore C.F. = C_1 + (C_2 + C_3 t)e^{-t}</math></p> <p>P.I. = <math>\frac{e^{-t}}{D^3 + 2D^2 + D} + \frac{\sin 2t}{D^3 + 2D^2 + D} + \frac{t^2}{D^3 + 2D^2 + D}</math></p> <p><math>D \rightarrow -1 \quad D^2 \rightarrow -2^2</math></p> <p>P.I. = <math>-\frac{t^2 e^{-t}}{2} + \frac{6 \cos 2t - 8 \sin 2t}{100} + \frac{t^3 - 4t^2 + 8t}{2}</math></p> <p><math>\therefore</math> The general sol<sup>n</sup> is</p> <p><math>y = C.F. + P.I.</math></p> <p><math>= C_1 + (C_2 + C_3 t)e^{-t} - \frac{t^2 e^{-t}}{2} + \frac{3 \cos 2t - 4 \sin 2t}{50} + \frac{t^3 - 4t^2 + 8t}{2}</math></p>	1 1 1 6 1	2	L2
2. a)	<p>i) a) <math>e^{2x}</math></p> <p>ii) b) <math>y = -\frac{\sin 4x}{20}</math></p>	1 1	2	L3

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By NB  
Sx

Book

Qn	SCHEME	Marks	CO's	BTL
b)	<p>put <math>x = e^z</math> or <math>z = \log x</math>.</p> $(D^3 - D^2 + 2) y = 10(e^z + e^{-z}).$ <p>A.E. is</p> $m^3 - m^2 + 2 = 0$ $\therefore m = -1, 1 \pm i$ $\therefore C.F = C_1 e^{-z} + e^z [C_2 \cos z + C_3 \sin z]$ $\therefore P.I = 10 \left[ \frac{e^z}{D^3 - D^2 + 2} + \frac{e^{-z}}{D^3 - D^2 + 2} \right]$ $= 10 \left[ \frac{e^z}{2} + \frac{3e^{-z}}{5} \right]$ $= 5e^z + 23e^{-z}$ <p><math>\therefore</math> The general sol<sup>n</sup> is</p> $y = C.F + P.I$ $= C_1 e^{-z} + e^z [C_2 \cos z + C_3 \sin z] + 5e^z + 23e^{-z}$ $\therefore y = \frac{C_1}{x} + x \{ C_2 \cos(\log x) + C_3 \sin(\log x) \} + 5x + \frac{23 \log x}{x}.$	1	2	L3
3. a)				
i) a)	$C_1(2x+3) + C_2(2x+3)^{-1/2}$	1	2	L2
ii) b)	<p>Cauchy's equation.</p>	1		

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Qn	SCHEME	Marks	CO's	BTL
4	<p>a)</p> <p>i) b) repeated.</p> <p>ii) <math>e^{3x} [(C_1 + C_2 x) \cos 3x + (C_3 + C_4 x) \sin 3x]</math></p> <p>b) put <math>t = \log(3x+2)</math> or <math>e^t = 3x+2</math>  <math>(3x+2) y' = 3 \cdot D y</math>, <math>(3x+2)^2 y'' = 3^2 \cdot D(D+1) y</math> where <math>D = \frac{d}{dt}</math>.  Further, <math>x = \frac{e^t - 2}{3}</math>.  Hence the given eq<sup>n</sup> becomes,  <math>9(D^2 - 4)y = \frac{e^{2t} - 4e^t + 4}{9} + \frac{e^t - 2}{3} + 1</math>  <math>= \frac{e^{2t} - 4e^t + 4 + 3e^t - 6 + 9}{9}</math>  <math>9(D^2 - 4)y = \frac{e^{2t} - e^t + 7}{9}</math>  <math>\therefore (D^2 - 4)y = \frac{e^{2t} - e^t + 7}{81}</math>  AE is <math>m^2 - 4 = 0</math>  <math>\Rightarrow m = \pm 2</math>  <math>\therefore CF = C_1 e^{2t} + C_2 e^{-2t}</math>  P.I = <math>\frac{1}{81} \left[ \frac{e^{2t}}{D^2 - 4} + \frac{e^t}{D^2 - 4} + \frac{7}{D^2 - 4} \right]</math>  <math>= \frac{1}{81} \left[ \frac{2t e^{2t}}{4} + \frac{e^t}{3} - \frac{7}{4} \right]</math></p>	<p>1</p> <p>1</p> <p>1</p> <p>3</p> <p>2</p>	2	L2

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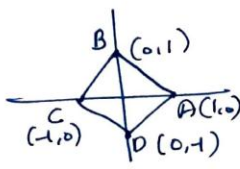
Qn	SCHEME	Marks	CO's	BTL
	<p>1. The general solution is</p> $y = C.F + P.I$ $\therefore y = C_1 e^{2t} + C_2 e^{-2t} + \frac{1}{81} \left[ \frac{2t^2 e^{2t}}{4} + \frac{e^{2t}}{8} - \frac{7}{4} \right]$ $\therefore y = C_1 (3x+2)^2 + \frac{C_2}{(3x+2)^2} + \frac{1}{81} \left[ \log(3x+2)(3x+2)^2 + \frac{3x+2}{3} - \frac{7}{4} \right]$	1		
	<p>Part - B</p>			
5. a)		1	1	L2
i) b) 80		1		
ii) c) Continuous partial derivatives				
b) Given that, $\text{div } \vec{A} = 0$ ( $\because \vec{A}$ is solenoidal)				
	$\nabla \cdot \vec{A} = \text{div } \vec{A} = \left( \frac{\partial}{\partial x} \hat{i} + \frac{\partial}{\partial y} \hat{j} + \frac{\partial}{\partial z} \hat{k} \right) [4(ax^2+z)\hat{i} + x(y^2-z^2)\hat{j} + 2xy(z-xy)\hat{k}] = 0$			
	$\Rightarrow a = -2$			
	$\therefore \vec{A} = 4(-2x^2+z)\hat{i} + x(y^2-z^2)\hat{j} + 2xy(z-xy)\hat{k}$	2		
	<p>T.S.T. <math>\text{div}(\text{curl } \vec{A}) = 0</math></p>			
	$\text{curl } \vec{A} = \nabla \times \vec{A} = \begin{vmatrix} \hat{i} & \hat{j} & \hat{k} \\ \frac{\partial}{\partial x} & \frac{\partial}{\partial y} & \frac{\partial}{\partial z} \\ 4(-2x^2+z) & x(y^2-z^2) & 2xy(z-xy) \end{vmatrix}$	2		

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Qn	SCHEME	Marks	CO's	BTL
	$\text{curl } \vec{A} = \hat{i} (2xz - 4x^2y - 2xz) - \hat{j} [(2yz - 4xy^2) - 4] + \hat{k} [(y^2 - z^2) - (-2x^2 + z)]$ $= \hat{i} [4xz - 4x^2y] - \hat{j} [2yz - 4xy^2 - 4] + \hat{k} [2x^2 + y^2 - z^2 - z]$ $\text{div}(\text{curl } \vec{A}) = \left( \frac{\partial}{\partial x} \hat{i} + \frac{\partial}{\partial y} \hat{j} + \frac{\partial}{\partial z} \hat{k} \right) \cdot (4xz - 4x^2y - 2yz + 4xy^2 + 4 - 2x^2 - y^2 + z^2 + z)$ $= 0$ <p><math>\therefore \text{div}(\text{curl } \vec{A}) = 0</math> Hence <math>\text{curl } \vec{A}</math> is solenoidal.</p>	2		
6 a)	i) d) surface to volume integral.	1	1	L2
	ii) d) $-2\hat{i} - 2\hat{k}$	1		
b)	<p>By Stokes' Theorem,</p> $\oint_C \vec{F} \cdot d\vec{r} = \iint_S \text{curl } \vec{F} \cdot \hat{n} dS$ $\vec{F} = xy\hat{i} + x^2y\hat{j}$ $d\vec{r} = dx\hat{i} + dy\hat{j} + dz\hat{k}$ <p>Hence <math>\oint_C \vec{F} \cdot d\vec{r} = \int_C xy dx + x^2y dy</math></p> 	2		

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Qn	SCHEME	Marks	CO's	BTL
	$\text{curl } \vec{F} = \nabla \times \vec{F} = \begin{vmatrix} \hat{i} & \hat{j} & \hat{k} \\ \frac{\partial}{\partial x} & \frac{\partial}{\partial y} & \frac{\partial}{\partial z} \\ xy & xy^2 & 0 \end{vmatrix}$ $= \hat{i}(0-0) - \hat{j}(0-0) + \hat{k}(y^2-x)$ $= (y^2-x)\hat{k}$ $\hat{n} \cdot d\vec{r} = dydz\hat{i} + dzdx\hat{j} + dxdy\hat{k}$ $\int_S \text{curl } \vec{F} \cdot \hat{n} d\vec{r} = \int_S (y^2-x) dxdy \quad \begin{matrix} -1 \leq x \leq 1 \\ -1 \leq y \leq 1 \end{matrix}$ $\therefore \int_S \text{curl } \vec{F} \cdot \hat{n} d\vec{r} = \int_{x=-1}^1 \int_{y=-1}^1 (y^2-x) dxdy$ $= \int_{x=-1}^1 \left( \frac{2}{3} - 2x \right) dx$ $= \frac{4}{3}$	3		
7 a)				
i) a) scalar field		1	1	L2
ii) a) irrotational		1		
b) T.S.T. curl $\vec{F}$ is irrotational.				
$\therefore \text{curl } \vec{F} = 0$				
$\Rightarrow \text{curl } \vec{F} = \nabla \times \vec{F} = \begin{vmatrix} \hat{i} & \hat{j} & \hat{k} \\ \frac{\partial}{\partial x} & \frac{\partial}{\partial y} & \frac{\partial}{\partial z} \\ ax^4+y^3 & 3x^2-y & bxz^2-y \end{vmatrix} = 0$		2		

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	$\Rightarrow \hat{i} [-1 - (1)] - \hat{j} [bz^2 - 3z^2] + \hat{k} [6x - ax] = 0$ $\text{ie ; } bz^2 - 3z^2 = 0 \quad \& \quad 6x - ax = 0$ $\Rightarrow b = 3 \quad \Rightarrow a = 6$ $\therefore \vec{P} = (6xy + z^3)\hat{i} + (3x^2 - z)\hat{j} + (3xz^2 - 4)\hat{k}$ <p>To find <math>\phi</math></p> <p>Given that <math>\vec{P} = \nabla\phi</math></p> $\frac{\partial\phi}{\partial x}\hat{i} + \frac{\partial\phi}{\partial y}\hat{j} + \frac{\partial\phi}{\partial z}\hat{k} = (6xy + z^3)\hat{i} + (3x^2 - z)\hat{j} + (3xz^2 - 4)\hat{k}$ $\frac{\partial\phi}{\partial x} = 6xy + z^3 \quad \frac{\partial\phi}{\partial y} = 3x^2 - z$ $\Rightarrow \phi = 3x^2y + xz^3 + f(y, z) \quad \phi = 3x^2y - 4z + f(x, z)$ $\frac{\partial\phi}{\partial z} = 3xz^2 - 4$ $\phi = xz^3 - 4z + f(x, y)$ $\Rightarrow \phi = 3x^2y + xz^3 - 4z$	2		
		3		
		1		

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Dr. H.



**A T M E**  
College of Engineering

# DEPARTMENT OF BASIC SCIENCES AND HUMANITIES



**Approved by AICTE (New Delhi) and Affiliated to VTU (Belagavi). 13th km Stone, Bannur Road, Mysuru - 570028**

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