	<p style="text-align: center;">S J P N Trust's Hirasugar Institute of Technology, Nidasoshi <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME</p>	Institute
		NAAC
		1.1.1
		2021-22

List of Supporting Documents for 1.1.1 NAAC Criteria

Sl.No	Name of Supporting Document
1	University Academic Calendar
2	Institute COE
3	Master Time Table/Consolidated Time Table
4	Department Workload
5	Course Plan of Theory subject
6	Course Plan of Lab subject
7	Lesson Plan
8	Internal Assessment Time Table
9	Technical Talk/Guest Lecture Activity report
10	Feedback on Teaching Learning Process
11	Institute Weekly Meeting Resolution
12	Department Meeting Resolution
13	TP Cell Training Programs

Academic Calendar for ODD Semester of UG programmes for year 2021-22

	V semester B.E./B.Tech.	V semester B.Arch./ B.Plan.	VII semester B.E./B.Tech.	VII semester B.Plan./B.Arch	IX semester B.Arch	III semester B.E./ B.Tech.	III Semester B.Arch.	III semester B. Plan	I semester B.E./B.Tech.	I semester B.Arch/B.Plan
Commencement of ODD Semester	01.10.2021	01.10.2021	01.10.2021	01.10.2021	01.10.2021	18.10.2021	18.10.2021	18.10.2021	Will be announced later	
Last Working day of ODD Semester	31.01.2022	31.01.2022	31.01.2022	31.01.2022	31.01.2022	19.02.2022	19.02.2022	19.02.2022		
Practical Examination	01.02.2022 To 10.02.2022	01.02.2022 To 10.02.2022	01.02.2022 To 10.02.2022	01.02.2022 To 10.02.2022	---	21.02.2022 To 04.03.2022	21.02.2022 To 04.03.2022	21.02.2022 To 04.03.2022		
Theory Examinations	11.02.2022 To 25.03.2022	11.02.2022 To 25.03.2022	11.02.2022 To 25.03.2022	11.02.2022 To 25.03.2022	---	07.03.2022 To 25.03.2022	07.03.2022 To 25.03.2022	07.03.2022 To 25.03.2022		
Internship	---	---	---	---	---	---	---	---		
Internship Viva Voce/ Project viva	---	---	---	---	---	---	---	---		
Summer Project / Professional training / Organization Study	---	---	---	---	---	---	---	---		
Submission of the report to University	---	---	---	---	---	---	---	---		
Commencement of EVEN Semester	04.04.2022	04.04.2022	04.04.2022	04.04.2022`	07.02.2022	11.04.2022	11.04.2022	11.04.2022		

Please Note:

- The academic sessions for ODD semesters 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.
- Faculty should conduction additional tutorial classes ONLINE to solve the doubts of the students.
- The faculty/staff shall be available to undertake any work assigned by the university.
- Notification regarding the Calendar of Events relating to the conduct of University **Examinations** will be issued by the Registrar (Evaluation) from time to time.
- Academic Calendar **may be modified** based on guidelines/directions issued in the future by MHRD/UGC/AICTE/State Government.
- Academic Calendar is also applicable for **Autonomous Colleges**. 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 offline classes may be conducted either by **staggering** the timings in 02 sessions in a day with 50% capacity for each session or full day session with 50% capacity on alternative days, following all SOPs.
- The college has to conduct offline classes to cover **80%** of the syllabus of the courses; however, **20%** of the syllabus can be covered in virtual (Online) mode. **Attendance** of the students' for offline and online classes is mandatory and record should be maintained and submitted to university whenever informed.
- Students joining to VII semester B.E./B.Tech., should complete the **Internship** before the commencement of the classes.


REGISTRAR
 27/2/22

Academic Calendar for IV sem MBA / IV sem B.E./B.Tech.(Revised) VI sem B.E./B.Tech /B.Plan., (Revised) B.E./B.Tech./B.Arch./B.Plan., and II sem B.Sc. Programs for AY-2021-22

	VI semester B.E./B.Tech. (Revised)	VI semester B.Plan. (Revised)	IV Semester MBA	IV semester B.E./B.Tech	II semester B.Sc.	I sem B.E./B.Tech./ B.Plan/B.Arch (Revised)
Commencement of Semester	04.04.2022	04.04.2022	09.05.2022	16.05.2022	23.05.2022	13.12.2021
Last Working day of Semester	16.07.2022	16.07.2022	20.08.2022	27.08.2022	05.09.2022	10.05.2022
Practical/Viva- Examination	18.07.2022 To 29.07.2022	18.07.2022 To 29.07.2022	----	01.09.2022 To 08.09.2022	06.09.2022 To 09.09.2022	28.05.2022 To 04.06.2022
Theory Examinations	01.08.2022 To 20.08.2022	01.08.2022 To 20.08.2022	22.08.2022 To 14.09.2022	12.09.2022 To 30.09.2022	12.09.2022 To 28.09.2022	12.05.2022 To 27.05.2022
Internship	21.08.2022 To 10.09.2022	21.08.2022 To 10.09.2022	---	---	---	
Internship Viva-Voce/ Project viva	---	---	---	---	---	
Summer Project / Professional training / Organization Study	---	---	----	----	----	
Submission of the report to University	----	---	11.07.2022 To 22.07.2022	---	---	
Commencement of NEXT Semester	19.09.2022	19.09.2022	----	10.10.2022	10.10.2022	06.06.2022

Please Note:

- The academic sessions for EVEN semesters should commence from the **dates** mentioned above.
- All the students of VI semesters B.E./B.Tech. programs have to join the VII semester after completion of their **INTERNSHIP** during the above-mentioned duration.
- **The Institute/Department shall plan to have extra classes to complete the requisite hours of teaching and learning as per the scheme.**
- Faculty should conduct additional tutorial classes in blended mode to solve the doubts of the students.



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File I-11

2021-22 (Odd)

Rev: 00

CALENDAR OF EVENTS FOR THE ACADEMIC YEAR 2021-22 (ODD)

Date	Events	
01-10-2021	Commencement of V/VII Semester Classes	October-2021
02-10-2021	Gandhi Jayanthi & Swachh Bharat Abhiyan	S M T W T F S
18-10-2021	Commencement of III Semester Classes	3 4 5 6 7 8 9
01-11-2021	Kannad Rajyotsava	10 11 12 13 14 15 16
20-11-2021	Awareness Program on NEP	17 18 19 20 21 22 23
25-11-2021 to 27-11-2021	First Internal Assessment for III/V/VII Semester	24 25 26 27 28 29 30
29-11-2021	Feedback-I on Teaching-Learning	31
01-12-2021	Display of 1 st Internal Assessment Marks and submission of Feedback-I to office	2-Gandhi Jayanthi, 6-Mahalaya Amavasya
02-12-2021 to 04-12-2021	EDP Activities/ Green Club Activities	14-Mahanavami, Ayudhapooja
11-12-2021	Awareness Program on NEP	15-Vijayadashami
27-12-2021 to 29-12-2021	Second Internal Assessment for III/V/VII Semester	20-Valmiki Jayanthi, Eid-Milad
30-12-2021	Feedback-II on Teaching-Learning	November-2021
03-01-2022	Display of 2 nd Internal Assessment Marks and submission of Feedback-II to office	S M T W T F S
10-01-2022	Sports Day	7 8 9 10 11 12 13
11-01-2022	HSIT-Quest 2022	14 15 16 17 18 19 20
12-01-2022	HSIT-Fest 2022	21 22 23 24 25 26 27
13-01-2022	Blood Donation Camp	28 29 30
24-01-2022 to 25-01-2022	Lab Internal Assessment for V/VII Semester	1-Kannada Rajyotsava, 3-Naraka Chaturdashi
27-01-2022 to 29-01-2022	Third Internal Assessment for V/VII Semester	5-Balipadyami Deepavalli
31-01-2022	Display of Final Marks of V/VII Semester	22-kanakadasa Jayanti
31-01-2022	Last working day of V/VII Semester	December-2021
10-02-2022 to 12-02-2022	Third Internal Assessment for III Semester	S M T W T F S
14-02-2022 to 15-02-2022	Lab Internal Assessment for III Semester	5 6 7 8 9 10 11
17-02-2022	Display of Final Marks of III Semester	12 13 14 15 16 17 18
19-02-2022	Last working day of III Semester	19 20 21 22 23 24 25
01-02-2022 to 10-02-2022	Practical Examinations for V/VII Semester	26 27 28 29 30 31
11-02-2022 to 25-03-2022	Theory Examinations for V/ VII Semester	25-Christmas
21-02-2022 to 04-03-2022	Practical Examinations for III Semester	January-2022
07-03-2022 to 25-03-2022	Theory Examinations for III Semester	S M T W T F S
		2 3 4 5 6 7 8
		9 10 11 12 13 14 15
		16 17 18 19 20 21 22
		23 24 25 26 27 28 29
		30 31
		14-Makar Sankranti, 26-Republic Day
		February-2022
		S M T W T F S
		6 7 8 9 10 11 12
		13 14 15 16 17 18 19
		20 21 22 23 24 25 26
		27 28

Dr. B. V. Madiggond
IQAC Coordinator

Dr. S. C. Kamate
Principal



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File I-11

2021-22 (Even)

Rev: 00

CALENDAR OF EVENTS FOR THE ACADEMIC YEAR 2021-22 OF VI & VIII SEMESTER (EVEN)

Date	Events	
04-04-2022	Commencement of VI/VIII Semester Classes	April- 2022
07-04-2022	World Health Day	S M T W T F S
22-04-2022	World Earth Day	
26-04-2022	World Intellectual Property Day	
09-05-2022 to 11-05-2022	First Internal Assessment for VI Semester	3 4 5 6 7 8 9
09-05-2022 to 10-05-2022	First Internal Assessment for VIII Semester	10 11 12 13 14 15 16
12-05-2022	Feedback-I on Teaching-Learning	17 18 19 20 21 22 23
16-05-2022	Display of 1 st I.A. Marks and submission of Feedback-I to office	24 25 26 27 28 29 30
30-05-2022 to 31-05-2022	Second Internal Assessment for VIII Semester	02-Ugadi Festival,
31-05-2022	Anti-Tobacco Day	14- Dr. B. R. Ambedkar Jayanthi
02-06-2022	Feedback-II on Teaching-Learning of VIII Semester	15-Good Friday
05-06-2022	World Environment Day	May-2022
06-06-2022	Display of 2 nd I.A. Marks and submission of Feedback-II to office of VIII Semester	S M T W T F S
09-06-2022 to 11-06-2022	Second Internal Assessment for VI Semester	1 2 3 4 5 6 7
13-06-2022	Feedback-II on Teaching-Learning of VI Semester	8 9 10 11 12 13 14
14-06-2022	World Blood Donor Day	15 16 17 18 19 20 21
15-06-2022	Display of 2 nd I.A. Marks and submission of Feedback-II to office of VI Semester	22 23 24 25 26 27 28
21-06-2022	International Yoga Day	29 30 31
27-06-2022 to 28-06-2022	Third Internal Assessment for VIII Semester	03-Basav Jayanthi, Akshay Tritiya, Khutub-E-Ramazan
30-06-2022	Display of Final IA Marks of VIII Semester	June-2022
30-06-2022	Last working day of VIII Semester	S M T W T F S
11-07-2022 to 13-07-2022	Third Internal Assessment for VI Semester	
14-07-2022 to 15-07-2022	Lab Internal Assessment for VI Semester	5 6 7 8 9 10 11
16-07-2022	Display of Final IA Marks of VI Semester	12 13 14 15 16 17 18
16-07-2022	Last working day of VI Semester	19 20 21 22 23 24 25
21-07-2022	Project Exhibition	26 27 28 29 30
27-07-2022	Graduation Day	July-2022
18-07-2022 to 29-07-2022	Practical Examination of VI Semester	S M T W T F S
01-08-2022 to 20-08-2022	Theory Examination of VI Semester	
04-07-2022 to 20-07-2022	Theory Examination of VIII Semester	3 4 5 6 7 8 9
22-07-2022 to 30-07-2022	Internship Viva Voce/Project Viva for VIII Semester	10 11 12 13 14 15 16
		17 18 19 20 21 22 23
		24 25 26 27 28 29 30
		31

Dr. B. V. Madiggond
Dean (Acad)

Dr. S. C. Kamate
Principal



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First Year Engg.
Academic
Time-Table
2021-22
(Odd-Sem)

CONSOLIDATED TIME TABLE 2021 - 2022

w.e.f. 03/01/2022

Day / Time	Div	9.00am 9.55am	9.55am 10.50am		11.10am 12.05pm	12.05 pm 1.00 pm		2.00 pm 2.55 pm	2.55 pm 3.50 pm	3.50 pm 4.45 pm		
Monday	A	CIV	PHY	Short break (10:50am to 11:10am)	ELE*	EVLN*	Lunch break (1:00 pm to 2:00 pm)	← PHYL A1, EVLN A2 →				
	B	CDE	ELE		CIV*	PHY		← ACTIVITY →				
	C	PSP	EME		CHE*	IDT		← CHEL C1 & CPL C2 →				
	D	PSP	ELN		CDE	IDT		← ACTIVITY →				
Tuesday	A	ELE	CIV		PHY*	CDE*		← PHYL A2, EEL A1 →				
	B	EVLN	ELE*		CIV*	CDE*		← ACTIVITY →				
	C	CHE	EME		ELN	CDE		← CHEL C2 & CPL C3 →				
	D	CHE	PSP		EME	CDE*		← ACTIVITY →				
Wednesday	A	PHY	CIV*		SFH	CDE*		← EEL A2, EVLN A1 →				
	B	ELE	CDE		EVLN*	PHY*		← ACTIVITY →				
	C	ENG	ENG*		ELN	PSP*		← CHEL C3 & CPL C1 →				
	D	ENG	ENG*		EME*	ELN		CDE*	CHE*			
Thursday	A	ELE	PHY*		CIV*	ELE*		← ACTIVITY →				
	B	SFH	CIV		ELE*	CDE*		← PHYL B1 , EVLN B2 →				
	C	CHE	CDE		PSP	ELN*		← ACTIVITY →				
	D	CDE	PSP*		CHE	EME*		← CHEL D1 & CPL D2 →				
Friday	A	EVLN	CDE		ENG	ENG*		← ACTIVITY →				
	B	CIV	PHY		ENG	ENG*		← PHYL B2 & EEL B1 →				
	C	EME*	CHE*		CDE*	PSP*		← ACTIVITY →				
	D	EME	ELN*		CHE*	PSP*		← CHEL D2 & CPL D3 →				
Saturday	A	CDE	← ACTIVITY →									
	B	PHY	← EEL B2 & EVLN B1 →									
	C	CDE*	CHE*		EME*	ELN*						
	D	ELN	← CHEL D3 & CPL D1 →									

Faculty Details

A			B			C			D		
Staff Name	Sub.	Code	Staff Name	Sub.	Code	Staff Name	Sub.	Code	Staff Name	Sub.	Code
SAP	CDE	21MAT11	SST	CDE	21MAT11	SIS	CDE	21MAT11	SLP	CDE	21MAT11
VMB	PHY	21PHY12	VMB	PHY	21PHY12	MSH	CHE	21CHE12	SJW	CHE	21CHE12
SDH	ELE	21ELE13	AUN	ELE	21ELE13	KBM	PSP	21PSP13	SGG	PSP	21PSP13
PRP	CIV	21CIV14	MMN	CIV	21CIV14	RRM	ELN	21ELN14	SSM	ELN	21ELN14
MIT	EVLN	21EVLN15	DNI	EVLN	21EVLN15	SNT	EME	21EME15	KMA	EME	21EME15
VMB	PHYL	21PHYL16	VMB	PHYL	21PHYL16	MSH	CHEL	21CHEL16	SJW	CHEL	21CHEL16
HRZ	ELEL	21ELEL17	SGH	ELEL	21ELEL17	KBM	CPL	21CPL17	SGG	CPL	21CPL17
SAN	EGH	21EGH18	SAN	EGH	21EGH18	SAN	EGH	21EGH18	SAN	EGH	21EGH18
MSH	SFH	21SFH19	SJW	SFH	21SFH19	SNT	IDT	21IDT19	SNT	IDT	21IDT19

31/1/22
CO-ORDINATOR

2/1/22
CO-ORDINATOR
HOD
First Year Engineering
Hirasugar Institute of Technology.

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First Year Engg. Dept.

Academic

Time Table (RV-03)

2021-22 (Even Sem)

CONSOLIDATED TIME TABLE 2021 - 2022

w.e.f. 13/06/2022

Day / Time	Div	9.00am 9.55am	9.55am 10.50am	Short break (10:50am to 11:10am)	11.10am 12.05pm	12.05 pm 1.00 pm	Lunch break (1:00 pm to 2:00 pm)	2.00 pm 2.55 pm	2.55 pm 3.50 pm	3.50 pm 4.45 pm	
Monday	A	PSP	EME		CHE*	ELN*		← ACTIVITY →			
Monday	B	PSP	ELN		MAT	EME*		← ACTIVITY →			
	C	ENG	EVLN		CIV	PHY*		← ACTIVITY →			
	D	ENG	CIV		MAT*	ELE*		← PHYL D1, ELEM D2, EVLN D3 →			
	Tuesday	A	ELN		PSP*	CHE		MAT*	← CHEL A1 & CPL A2 →		
B		EME	CHE		MAT*	PSP*		ELN [#]	IDT [#]	MAT [#]	
C		ENG*	PHY		MAT*	ELE [#]		EVLN*	MAT [#]	CIV [#]	
D		ENG*	EVLN		CIV	PHY		← PHYL D2, ELEM D3, EVLN D1 →			
Wednesday	A	MAT	EME*		ELN*	CHE*		← CHEL A2 & CPL A1 →			
	B	CHE	ELN*		EME*	CHE*		PSP [#]	EME [#]	##	
	C	SFH	CIV*		ELE	PHY*		MAT	EVLN [#]	ELE [#]	
	D	EVLN*	PHY*		MAT*	CIV*		← PHYL D3, ELEM D1, EVLN D2 →			
Thursday	A	CHE	ELN		EME*	MAT*		PSP [#]	MAT [#]	IDT [#]	
	B	ELN	PSP		CHE*	MAT*		← CHEL B1 & CPL B2 →			
	C	PHY	MAT*		CIV	SFH [#]		← PHYL C1, ELEM C2, EVLN C3 →			
	D	CIV	MAT		PHY*	ELE		← ACTIVITY →			
Friday	A	ENG	PSP		MAT	IDT		ELN [#]	EME [#]	##	
	B	ENG	ELN*		PSP*	IDT		← CHEL B2 & CPL B1 →			
	C	CIV*	MAT		ELE	PHY		← PHYL C2, ELEM C3, EVLN C1 →			
	D	ELE	PHY		MAT	SFH*		CIV [#]	EVLN [#]	ELE [#]	
Saturday	A	ENG*	PSP*		CHE [#]	EME					
	B	ENG*	CHE [#]		EME	MAT					
	C	ELE*	← PHYL C3, ELEM C1, EVLN C2 →								
	D	PHY	MAT [#]	ELE*	SFH [#]						

Faculty Details

A			B			C			D		
Staff Name	Sub.	Code	Staff Name	Sub.	Code	Staff Name	Sub.	Code	Staff Name	Sub.	Code
SLP	MAT	21MAT21	SIS	MAT	21MAT21	SST	MAT	21MAT21	SAP	MAT	21MAT21
SJW	CHE	21CHE22	MSH	CHE	21CHE22	VMB	PHY	21PHY22	VMB	PHY	21PHY22
SVM	PSP	21PSP23	KBM	PSP	21PSP23	KBN	ELE	21ELE23	SDH	ELE	21ELE23
SSM	ELN	21ELN24	RRM	ELN	21ELN24	MMN	CIV	21CIV24	PRP	CIV	21CIV24
SNT	EME	21EME25	KMA	EME	21EME25	DNI	EVLN	21EVLN25	GMZ	EVLN	21EVLN25
SJW	CHEL	21CHEL26	MSH	CHEL	21CHEL26	VMB	PHYL	21PHYL26	VMB	PHYL	21PHYL26
SVM	CPL	21CPL27	KBM	CPL	21CPL27	SGH	ELEL	21ELEL27	HRZ	ELEL	21ELEL27
BSH	EGH	21EGH28	BSH	EGH	21EGH28	BSH	EGH	21EGH28	BSH	EGH	21EGH28
BVM	IDT	21IDT29	DBM	IDT	21IDT29	SJW	SFH	21SFH29	MSH	SFH	21SFH29

CO-ORDINATOR

First Year Engineering
Hirasugar Institute of Technology,
NIDASOSHI-591 236.

PRINCIPAL
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ECE Dept.

Academic

Workload

2021-22 (Odd)

Workload 2021-22 (Odd)


S. No	Faculty Name	Sem. / Div.	Subject/ Subject Code	Theory	Practical	Total Hrs /week	Total Units/ Week	Staff Sign.
				Hrs/ Week	Hrs/ Week			
1	Dr.R. R. Maggavi	VII	Computer Networks (18EC71)	03		15	22	<i>Roff</i>
		VII	Computer Networks Lab (18ECL76)		08			
		I	Basic Electronics (18ELN14)	04				
2	Prof. S. B. Akkole	VII	Satellite Communication (18EC732)	03		08	16	<i>A</i>
		V	Principles of Communication Systems (18EC53)	05				
3	Prof. S. S. Kamate	VII	VLSI Design (18EC72)	03		16	22	<i>see</i>
		VII	Project Phase-I (18ECP78)		02			
		V	Electromagnetic Waves (18EC55)	03				
		VII	VLSI Lab (18ECL77)		08			
4	Prof. S. S. Malaj	VII	Multimedia Communication (18EC743)	02		9	18	<i>Prof</i>
		V	Technological Innovation M & E (18ES51)	03				
		I	Basic Electronics (18ELN14)	04				
5	Prof. D. M. Kumbhar	III	Electronic Devices (18EC33)	03		18	24	<i>DS</i>
		III	ED& I Lab (18ECL37) -03 Batches		12			
6	Prof. S. S. Patil	VII	ARM Embedded Systems (18EC753)	03		14	20	<i>SP</i>
		V	Verilog HDL (18EC56)	03				
		V	HDL Lab(18ECL58) -02 Batches		08			
7	Prof. D. B. Madihalli	V	Information Theory & Coding (18EC54)	03		18	24	<i>DM</i>
		III	Digital System Design (18EC34)	03				
		III	Digital System Design Lab (18ECL38) -03 Batches		12			
8	Prof. P. V. Patil	VII	Machine learning with Python (18EC745)	03		8	16	<i>PP</i>
		III	Network Theory (18EC32)	05				
9	Prof. S. S. Ittannavar	VII	Multimedia Communication (18EC743)	02		14	24	<i>SI</i>
		V	Digital Signal Processing (18EC52)	05				
		V	Digital Signal Processing Lab(18ECL57) -1 Batch		04			
		III	Power Electronics & Instrumentation (18EC36)	03				
10	Prof. B P Khot	VII	Digital Image Processing (18EC733)	03		10	16	<i>BK</i>
		V	Digital Signal Processing Lab(18ECL57) -1 Batch		04			
		III	Computer Organization & Architecture (18EC35)	03				

H.O.DElectronics & Comm. Engg. Dept.
HSIT NIDASOSHI**Principal**
PRINCIPAL











Hirasugar Institute of Technology

Nidasoshi-591 236, Taq: Hukkeri, Dist: Belagavi, Karnataka, India. NIDASOSHI-591 236

Phone: +91-8333-278887, Fax: 278886, Web: www.hsit.ac.in, E-mail: principal@hsit.ac.in

	<p style="text-align: center;">S J P N Trust's</p> <p style="text-align: center;">Hirasugar Institute of Technology, Nidasoshi</p> <p style="text-align: center;"><i>Inculcating Values, Promoting Prosperity</i></p> <p style="text-align: center;">Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.</p> <p style="text-align: center;">Accredited at 'A' Grade by NAAC</p> <p style="text-align: center;">Programmes Accredited by NBA: CSE, ECE, EEE & ME</p>	ECE Dept.
		Academic
		Work Load
		2021-22 (EVEN)

WORK LOAD 2021-22 (EVEN)

Sl. No	Faculty Name	Sem/ Div.	Subject/ Subject Code	Theory	Practical	Total Hrs/ week	Total Units/ Week	Staff Sign.
				Hrs/ Week	Hrs/ Week			
01	Dr. S. B. Akkole	VIII	Wireless and Cellular Communication (18EC81)	3		7	14	
		VIII	Wireless Cellular and LTE 4G Broadband (17EC81)	4				
02	Dr. R. R. Maggavi	II	Basic Electronics (21ELN14/24)	4		7	14	
		IV	Microcontroller (18EC46)	3				
03	Prof. S. S. Kamate	IV	Signals & Systems (18EC45)	3		16	24	
		VI	Microwave & Antennas (18EC63)	5				
		VIII	Project Work Phase -2 (18ECP83 /17ECP85)		2+6			
04	Prof. S. S. Malaj	II	Basic Electronics (21ELN14/24)	4		7	14	
		IV	Control Systems (18EC43)	3				
05	Prof. D. M. Kumbhar	IV	Analog Circuits (18EC42)	5		12	20	
		VI	Sensors & Signal Conditioning (18EC652)	3				
		VI	Communication Laboratory (18ECL67)		4			
		VI	Internship (18ECI85/17EC84)					
06	Prof. S. S. Patil	VI	Embedded Systems (18EC62)	5		15	20	
		VI	Embedded Controller Lab (18ECL66)		8			
		VI	Mini Project (18ECMP68)		2			
07	Prof. D. B. Madihalli	IV	Engineering Statistics & Linear Algebra (18EC44)	3		15	18	
		IV	Analog Circuits Laboratory (18ECL48)		12			
08	Prof. P. V. Patil	VI	Python Application Programming (18EC646)	3		15	18	
		IV	Microcontroller Laboratory (18ECL47)		12			
09	Prof. S. S. Ittannavar	VI	Digital Communication (18EC61)	5		13	22	
		VIII	Fiber Optics & Networks (17EC82)	4				
		VI	Communication Laboratory (18ECL67)		4			
10	Prof. B. P. Khot	VIII	Network Security (18EC821)	3		12	18	
		VIII	Network and Cyber Security (17EC835)	3				
		VIII	Technical Seminar (18ECS84/17ECS86)		2+4			

H.O.D.

24/08/2022

Electronics & Communication Engg. Dept.
HSIT NIDASOSHI

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Hirasugar Institute of Technology
NIDASOSHI-591 236



Subject Title	COMPUTER NETWORKS		
Subject Code	18EC71	CIE Marks	40
Number of Lecture Hrs/ Week	03	Exam Marks	60
Total Number of Lecture Hrs	40	Exam Hours	03
CREDITS – 03			
FACULTY DETAILS:			
Name: Dr. Raghavendra R. Maggavi	Designation: Associate Professor	Experience: 16 Yrs	
No. of times course taught: 00		Specialization: Digital Electronics	

1.0 Prerequisite Subjects:

Sl. No	Branch	Semester	Subject
01	Electronics & Communication Engineering	I/II/IV	Analog communication/Principles of communication systems
02	Electronics & Communication Engineering	III	Digital Electronics

2.0 Course Objectives

1. Understand the layering architecture of OSI reference model and TCP/IP protocol suite.
2. Understand the protocols associated with each layer.
3. Learn the different networking architectures and their representations.
4. Learn the functions and services associated with each layer.

3.0 Course Outcomes

At the end of the course students will be able to:

	Course Outcome	RBT Level	POs
C401.1	Understand the concepts of networking thoroughly	L2	PO1 to PO12
C401.2	Describe various networking architectures	L2	PO1 to PO12
C401.3	Identify the protocols and services of different layers.	L2	PO1 to PO12
C401.4	Distinguish the basic network configurations and standards associated with each network	L2	PO1 to PO12
C401.5	Analyze a simple network and measurement of its parameters.	L2	PO1 to PO12
Total Hours of instruction		40	

4.0 Course Content

Module-1	RBT Level
Introduction: Data communication: Components, Data representation, Data flow, Networks: Network criteria, Physical Structures, Network types: LAN, WAN, Switching, The Internet. (1.1, 1.2, 1.3 (1.3.1 to 1.3.4 of Text)). Network Models: Protocol Layering: Scenarios, Principles, Logical Connections, TCP/IP Protocol Suite: Layered Architecture, Layers in TCP/IP suite, Description of layers, Encapsulation and Decapsulation, Addressing, Multiplexing and Demultiplexing, The OSI Model: OSI Versus TCP/IP. (2.1, 2.2, 2.3 of Text)	L1, L2



Module-2	
Data-Link Layer: Introduction: Nodes and Links, Services, Two Categories of link, Sublayers, Link Layer addressing: Types of addresses, ARP. Data Link Control (DLC) services: Framing, Flow and Error Control, Data Link Layer Protocols: Simple Protocol, Stop and Wait protocol, Piggybacking. (9.1, 9.2(9.2.1, 9.2.2), 11.1, 11.2 of Text) Media Access Control: Random Access: ALOHA, CSMA, CSMA/CD, CSMA/CA. (12.1 of Text). Wired and Wireless LANs: Ethernet Protocol, Standard Ethernet. Introduction to wireless LAN: Architectural Comparison, Characteristics, Access Control. (13.1, 13.2(13.2.1 to 13.2.5), 15.1 of Text)	L1, L2, L3
Module-3	
Network Layer: Introduction, Network Layer services: Packetizing, Routing and Forwarding, Other services, Packet Switching: Datagram Approach, Virtual Circuit Approach, IPV4 Addresses: Address Space, Classful Addressing, Classless Addressing, DHCP, Network Address Resolution, Forwarding of IP Packets: Based on destination Address and Label. (18.1, 18.2, 18.4, 18.5.1, 18.5.2 of Text) Network Layer Protocols: Internet Protocol (IP): Datagram Format, Fragmentation, Options, Security of IPv4 Datagrams. (19.1 of Text). Unicast Routing: Introduction, Routing Algorithms: Distance Vector Routing, Link State Routing, Path vector routing. (20.1, 20.2 of Text)	L1, L2, L3
Module-4	
Transport Layer: Introduction: Transport Layer Services, Connectionless and Connection oriented Protocols, Transport Layer Protocols: Simple protocol, Stop and wait protocol, Go-BackN Protocol, Selective repeat protocol. (23.1, 23.2.1, 23.2.2, 23.2.3, 23.2.4 of Text) Transport-Layer Protocols in the Internet: User Datagram Protocol: User Datagram, UDP Services, UDP Applications, Transmission Control Protocol: TCP Services, TCP Features, Segment, Connection, State Transition diagram, Windows in TCP, Flow control, Error control, TCP congestion control. (24.2, 24.3.1, 24.3.2, 24.3.3, 24.3.4, 24.3.5, 24.3.6, 24.3.7, 24.3.8, 24.3.9 of Text)	L1, L2, L3
Module-5	
Application Layer: Introduction: providing services, Application-layer paradigms, Standard Client –Server Protocols: World wide web, Hyper Text Transfer Protocol, FTP: Two connections, Control Connection, Data Connection, Electronic Mail: Architecture, Web Based Mail, Telnet: Local versus remote logging. Domain Name system: Name space, DNS in internet, Resolution, DNS Messages, Registrars, DDNS, security of DNS. (25.1, 26.1, 26.2, 26.3, 26.4, 26.6 of Text)	L1, L2

5.0 Relevance to future subjects

Sl No	Semester	Subject	Topics
01	VIII	Project work	Computer communication network based projects.
02	Higher	Computer communication networks 1&2	OSI model architecture, algorithms of data link layer programs. Routing algorithms.

6.0 Relevance to Real World

SL.No	Real World Mapping
01	Computer communication network-based components.
02	OSI Model creation for analysis.
03	Development of a software application.

7.0 Gap Analysis and Mitigation

SL. No	Delivery Type	Details
01	Tutorial	Topic: Lettering, Line, Methods of dimensioning
02	NPTEL	Programming and Applications



8.0 Books Used and Recommended to Students

Text Books

1. Forouzan, “Data Communications and Networking” , 5th Edition, McGraw Hill, 2013, ISBN: 1-25-906475-3.

Reference Books

1. James J Kurose, Keith W Ross, Computer Networks, , Pearson Education.
2. Wayarles Tomasi, Introduction to Data Communication and Networking, Pearson Education.
3. Andrew Tanenbaum, “Computer networks”, Prentice Hall.
4. William Stallings, “Data and computer communications”, Prentice Hall

Additional Study material & e-Books

1. <https://lecturenotes.in/subject/609/computer-communication-network-ccn>
2. <http://freecomputerbooks.com/networkComputerBooks.html>

9.0 Relevant Websites (Reputed Universities and Others) for Notes /Animation / Videos Recommended

Website and Internet Contents References

- 1) <https://vtu.ac.in>
- 2) <http://www.bookspare.com/engineering-vtu>
- 3) <http://www.rejinpaul.com/2014/10/vtu-ece-notes-vtu-ece-1st-2nd-3rd-4th-5th-6th-7th-8th-semester-lecture-notes-download-link.html><http://www.vlab.co.in/>
- 4) https://www.youtube.com/results?search_query=microprocessor

10.0 Magazines/Journals Used and Recommended to Students

Sl.No	Magazines/Journals	website
1	IEEE	http://ieeexplore.ieee.org/Xplore/home.jsp
2	PC World	http://www.pcworld.com/article/146957/components/article.html

11.0 Examination Note

Scheme of Evaluation for Internal Assessment (40 Marks)

- Class work, Assignment, Technical quiz: 10 Marks.
- Internal Assessment test Average of all three Tests 30marks.

SCHEME OF EXAMINATION:

- The question paper will have ten questions.
- Each full question consists of 20marks.
- There will be 2 full questions (with a maximum of four sub questions) from each module.
- Each full question will have sub questions covering all the topics under a module
- The students will have to answer 5 full questions, selecting one full question from each module.

12.0 Course Delivery Plan

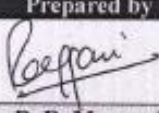
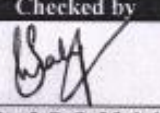


Module	Lecture No.	Content of Lecturer	% of Portion
Module- 1 Introduction & Network Models	1	Data communication: Components, Data representation, Data flow	20
	2	Networks: Network criteria, Physical Structures	
	3	Network types: LAN, WAN, Switching, The Internet.	
	4	Protocol Layering: Scenarios, Principles, Logical Connections	
	5	TCP/IP Protocol Suite: Layered Architecture	
	6	Layers in TCP/IP suite, Description of layers	



	7	Encapsulation and Decapsulation, Addressing, Multiplexing and Demultiplexing	
	8	The OSI Model: OSI Versus TCP/IP.	
Module- 2 Data-Link Layer, Media Access Control & Wired and Wireless LANs	9	Introduction: Nodes and Links, Services, Two Categories of link, Sublayers	20
	10	Link Layer addressing: Types of addresses, ARP. Data Link Control (DLC) services	
	11	Framing, Flow and Error Control, Data Link Layer Protocols	
	12	Simple Protocol, Stop and Wait protocol, Piggybacking	
	13	Random Access: ALOHA, CSMA	
	14	CSMA/CD, CSMA/CA	
	15	Ethernet Protocol, Standard Ethernet. Introduction to wireless LAN	
	16	Architectural Comparison, Characteristics, Access Control.	
Module -3 Network Layer, Network Layer Protocols & Unicast Routing	17	Introduction, Network Layer services: Packetizing, Routing and Forwarding, Other services	20
	18	Packet Switching: Datagram Approach, Virtual Circuit Approach, IPV4 Addresses	
	19	Address Space, Classful Addressing, Classless Addressing, DHCP	
	20	Forwarding of IP Packets: Based on destination Address and Label.	
	21	Internet Protocol (IP): Datagram Format	
	22	Fragmentation, Options, Security of IPv4 Datagrams	
	23	Introduction, Routing Algorithms: Distance Vector Routing	
	24	Link State Routing, Path vector routing	
Module -4 Transport Layer, Transport-Layer Protocols in the Internet	25	Introduction: Transport Layer Services	20
	26	Connectionless and Connection-oriented Protocols	
	27	Transport Layer Protocols: Simple protocol, Stop and wait protocol	
	28	Go-BackN Protocol, Selective repeat protocol.	
	29	User Datagram Protocol: User Datagram, UDP Services, UDP Applications	
	30	Transmission Control Protocol: TCP Services	
	31	TCP Features, Segment, Connection, State Transition diagram	
	32	Windows in TCP, Flow control, Error control, TCP congestion control.	
Module 5: Application Layer	33	Introduction: providing services, Application-layer paradigms	20
	34	Standard Client – Server Protocols	
	35	World wide web, Hyper Text Transfer Protocol	
	36	FTP: Two connections, Control Connection	
	37	Data Connection, Electronic Mail: Architecture	
	38	Web Based Mail, Telnet: Local versus remote logging. Domain Name system	
	39	Name space, DNS in internet, Resolution, DNS Messages, Registrars	
	40	DDNS, security of DNS	

13.0 University Result

Examination	FCD	FC	SC	% Passing
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Prepared by  R. R. Muggavi	Checked by  Prof. S. S. Malaj	 HOD	 Principal
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Subject Title	COMPUTER AIDED BUILDING PLANNING AND DRAWING LABORATORY		
Subject Code	18CVL37	CIE Marks	40
Number of Lecture Hrs / Week	2	SEE Marks	60
Number of Credits	2	Exam Hours	03

FACULTY DETAILS:

Name: Prof. S.M.Chandrakanth	Designation: Asst. Professor	Experience: 11 Years
No. of times course taught: 02		Specialization: Highway Engineering

1.0 Prerequisite Subjects:

Sl.No	Branch	Semester	Subject
01	Civil Engineering	I/II	Elements of Civil Engineering and Mechanics.
01	Civil Engineering	III	Basic knowledge of Construction materials and Various elements of Building.
02	Civil Engineering	III	Basic Knowledge of Building Construction.

2.0 Course Objectives

1. Provide students with a basic understanding
2. Achieve skill sets to prepare computer aided engineering drawings
3. Understand the details of construction of different building elements.
4. Visualize the completed form of the building and the intricacies of construction based on the engineering drawings.

3.0 Course Outcomes

After studying this course, students will be able to

	Course Outcome	Revised Bloom's Taxonomy Level	POs
C307.1	Gain a broad understanding of planning and designing of buildings.	L1, L2, L3	1,2,3,6,8,9,12
C307.2	Prepare, read and interpret the drawings in a professional set up.	L1, L2, L3	1,2,3,6,8,9,12
C307.3	Know the procedures of submission of drawings and Develop working and submission drawings for building.	L1, L2, L3, L4	1,2,3,6,8,9,12
C307.4	Plan and design a residential or public building as per the given requirements.	L1, L2, L3, L4	1,2,3,6,8,9,12



4.0 Course Content

Module-1

1. **Drawing Basics:** Selection of scales for various drawings, thickness of lines, dimensioning, abbreviations and conventional representations as per IS: 962.
2. **Simple engineering drawings with CAD drawing tools:** Lines, Circle, Arc, Poly line, Multiline, Polygon, Rectangle, Spline, Ellipse,

Modify tools: Erase, Copy, Mirror, Offset, Array, Move, Rotate, Scale, Stretch, Lengthen, Trim, Extend, Break, Chamfer and Fillet, Using Text: Single line text, Multiline text, Spelling, Edit text,

Special Features: View tools, Layers concept, Dimension tools, Hatching, customizing toolbars, Working with multiple drawings.

Module-2

Drawings Related to Different Building Elements:

Following drawings are to be prepared for the data given using CAD Software

1. Cross section of Foundation, masonry wall, RCC columns with isolated & combined footings.
2. Different types of bonds in brick masonry.
3. Different types of staircases – Dog legged, Open well.
4. Lintel and chajja.
5. RCC slabs and beams.
6. Cross section of a pavement.
7. Septic Tank and sedimentation Tank.
8. Layout plan of Rainwater recharging and harvesting system.
9. Cross sectional details of a road for a Residential area with provision for all services. ,
10. Steel truss (connections Bolted).

Note: Students should sketch to dimension the above in a sketch book before doing the computer drawing.

Module-3

Building Drawings: Principles of planning, Planning regulations and building bye-laws, factors affecting site selection, Functional planning of residential and public buildings, design aspects for different public buildings. Recommendations of NBC.

Drawing of Plan, elevation and sectional elevation including electrical, plumbing and sanitary services using CAD software for:

1. Single and double story residential building.
2. Hostel building.
3. Hospital building.
4. School building.

5.0 Relevance to future subjects

SL. No	Semester	Subject	Topics / Relevance
01	VI	Software Application Laboratory	Analysis of plane trusses, continuous beams, portal frames. 3D analysis of multistoried frame structures.
02	VI	Extensive Survey project	All drawings done using CAD
03	VII	Computer Aided Detailing of Structures	Draft the detailing of RC & Steel Structural member
04	VII	Design of RCC and Steel Structures	Draft the detailing of RC & Steel Structural member

6.0 Relevance to Real World

SL.No	Real World Mapping
01	Planning and Drafting of various components of Building Structures
02	Using of CAD Software for Drafting Building Components
03	Development of various drawings

7.0 Books Used and Recommended to Students

Text Books	
1.	MG Shah, CM Kale, SY Patki, "Building drawing with an integrated approach to Built Environment Drawing", Tata McGraw Hill Publishing co. Ltd., New Delhi
2.	Gurucharan Singh, "Building Construction", Standard Publishers, & distributors, New Delhi.
3.	Malik R S and Meo G S, "Civil Engineering Drawing", Asian Publishers/Computech Publications Pvt Ltd.
Reference Books	
1.	Time Saver Standard by Dodge F. W., F. W. Dodge Corp.
2.	IS: 962-1989 (Code of practice for architectural and building drawing).
3.	National Building Code, BIS, New Delhi.
Additional Study material & e-Books	
1.	Building Planning and Drawing: With CD containing AutoCAD commands with screen shots," by S.S Bhavikatti & M.V. Chitawadagi

8.0 Relevant Websites (Reputed Universities and Others) for Notes/Animation/Videos Recommended

Website and Internet Contents References
https://bit.ly/2VNGRVW
https://en.wikipedia.org/wiki/Computer-aided_design

9.0 Magazines/Journals Used and Recommended to Students

SL.No	Magazines/Journals	website
01	Computer-Aided-Design	https://www.journals.elsevier.com/computer-aided-design
02	Architectural Design Exposed: From Computer-Aided Drawing to Computer-Aided Design	https://journals.sagepub.com/doi/abs/10.1068/b130385
03	Analysis of Computer Aided Landscape Planning and Design Strategy	https://iopscience.iop.org/article/10.1088/1742-6596/1992/2/022100/pdf

10.0

Examination Note

CIE marks:

Theoretical aspects as well as relevant circuits should be drawn neatly for questions asked in Internal Assessment.

Scheme of Evaluation for CIE (40 Marks)

- (a) Continuous Assessment: **24 marks**
- (b) Internal Assessment test in the same pattern as that of the main examination: **16 marks.**
 - Write up- 4 marks
 - Conduction and Result- 10 marks
 - Viva Voce- 2 marks

Conduct of Practical SEE:

- 1. Students can pick one experiment from the questions lot prepared by the examiners.
- 2. Change of experiment is allowed only once and 15% Marks allotted to the procedure part to be made zero.

11.0

Course Delivery Plan

Expt No	Name of the Experiment	% of Portion
1	Drawing Basics: Selection of scales for various drawings, thickness of lines, dimensioning, abbreviations and conventional representations as per IS: 962. Simple engineering drawings with CAD drawing tools: Lines, Circle, Arc, Poly line, Multiline, Polygon, Rectangle, Spline, Ellipse,	6.25 %
2	Modify tools: Erase, Copy, Mirror, Offset, Array, Move, Rotate, Scale, Stretch, Lengthen, Trim, Extend, Break, Chamfer and Fillet, Using Text: Single line text, Multiline text, Spelling, Edit text, Special Features: View tools, Layers concept, Dimension tools, Hatching, customizing toolbars, Working with multiple drawings.	6.25 %
3	Cross section of Foundation, masonry wall, RCC columns with isolated & combined footings.	6.25 %
4	Different types of bonds in brick masonry	6.25 %
5	Different types of staircases – Dog legged, Open well	6.25 %
6	Lintel and chajja	6.25 %
7	RCC slabs and beams	6.25 %
8	Cross section of a pavement	6.25 %
9	Septic Tank and sedimentation Tank	6.25 %
10	Layout plan of Rainwater recharging and harvesting system.	6.25 %
11	Cross sectional details of a road for a Residential area with provision for all services.	6.25 %
12	Steel truss (connections Bolted).	6.25 %
13	Single and Double story residential building	6.25 %
14	Hostel building	6.25 %
15	Hospital building	6.25 %
16	School building	6.25 %

12.0

Question Bank

1. What are different drawing tools?
2. What is the purpose of using multiline?
3. What is use of ARC and what is short cut for it?
4. What is the function of polar tracking?
5. What is the function of ortho mode and what is the short cut for it?
6. What is the function of Object snapping?
7. A RCC column 400X400 mm is resting on a square RCC footing. The depth of footing is 1.2m and thickness of PCC bed is 150mm. The column reinforcement consist of 6 bars of 16mm dia, with 2 legged 8mm dia stirrups at 200mm c/c and the footing reinforcement consist of 12, dia bars @150mm c/c, both ways. The size and thickness of footing are 1200X1200mm and 750mm respectively. Draw to scale the following.
 - i) Plan of footing showing reinforcement details
 - ii) Vertical section of the column with footing.
 - iii) Cross section of column.
8. Draw a cross section of a SS Masonry foundation to be provided for a load bearing wall 300mm thick in burnt brick masonry is a superstructure of a residential building. Use the following data
 - a) Width of foundation = 1.2m
 - b) Depth of foundation below GL = 1.2m
 - c) Width of PCC = 1.2m
 - d) Thickness of PCC in 1:3:6 = 75mm
 - e) Width of first footing above PCC = 1.05m
 - f) Depth of first footing Above PCC = 0.375m
 - g) Width of second step = 0.9m
 - h) Depth of second footing = 0.375m
 - i) Width of third footing = 0.75m
 - j) Depth of third footing = 0.375m
 - k) Width of plinth wall = 0.45m
 - l) Depth of plinth wall = 0.60m
 - m) Thickness of DPC in 1:2:4 = 100mm
9. Draw to scale the elevation and Plan of English bond with all details for 10 Courses.
10. Draw to scale the elevation and Plan of Flemish Bond with all details for 10 Courses.
11. Draw to scale the elevation and Plan of Header bond with all details for 10 Courses.
12. Draw to scale the elevation and Plan of Stretcher Bond with all details for 10 Courses
13. Draw a cross section and plan of a RCC dog legged stair for a building having the following particulars
 - i) Clear Size of Stair hall = 2.5m X 4.5m
 - ii) Width of landing = 1.2m
 - iii) Width of each flight = 1.2m
 - iv) Rise = 150mm Tread = 300mm
 - v) Thickness of Waist slab = 150mm
 - vi) Height of floor = 3.6m
14. Draw a cross section and plan of a RCC open well stair for a building having the following particulars
 - i) Clear Size of Stair hall = 4.25m X 5.25m
 - ii) Width of landing = 1.5m
 - iii) Rise = 150mm Tread = 250mm
 - iv) Thickness of Waist slab = 150mm
 - v) Height of floor = 3.9m
15. Draw the cross section of lintel beam and chejja for the following details:
 - i) Size of opening of the window = 1.5m
 - ii) Bearing of lintel = 0.2m
 - iii) Thickness of wall = 0.23m
 - iv) Depth of Lintel Beam = 0.2m
 - v) Projection of Chejja = 0.6m
 - vi) Thickness of Chejja at face of lintel = 100mm and at end 50mm
 - vii) Reinforcement details in Lintel at bottom = 3#10 and at top = 2#8
 - viii) Stirrups 2LVS 8mm Dia @150mm c/c
 - ix) Chejja main reinforcement 8mm@100mm c/c, Distribution 6mm@150mm c/c
16. Draw the longitudinal section, Cross section of a rectangular simply supported RCC beam with the following data.

Clear span = 4m
Width of beam = 250mm
Overall depth of beam = 300mm
Bearing width in support = 200mm
Main reinforcement = #5-16mm dia bars with 2 bars bent up at L/7 from center of support
Anchor/hanger bars = #2-10mm dia
Stirrups = 6mm dia @200mm c/c
17. A two way slab for a hall of internal dimension 4.5mX5.5m has the following details
 - i) Thickness of slab = 120mm
 - ii) Wall thickness = 230mm
 - iii) Short span steel = 10mm@120mm C/c
 - iv) Long span steel = 8mm@140mm c/c

Draw to suitable scale the following

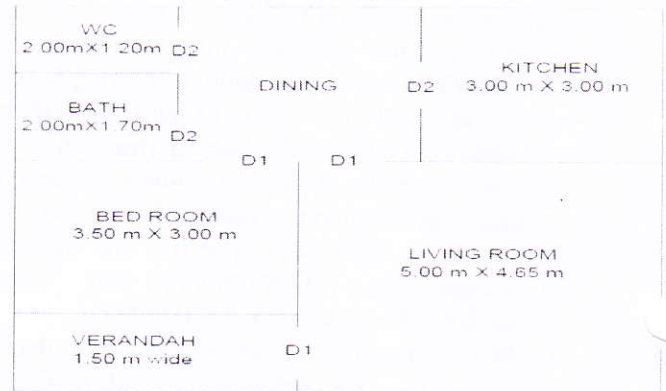
 1. Plan showing reinforcement details
 2. Cross section of a slab @mid span along short span
 3. Cross section of a slab @mid span along Long span
18. A one-way slab for a hall of internal dimension 7mX11.77m has the following details:
 - i) Thickness of slab = 150mm
 - ii) Wall Thickness = 230mm
 - iii) Main steel along short span = 10mm @100mm c/c
 - iv) Distribution steel = 8mm@150mm c/c



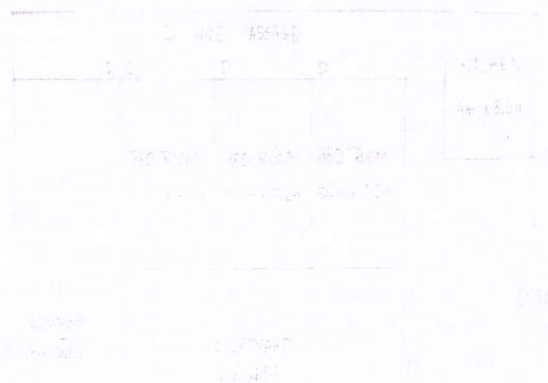
Draw to scale the following

- 1) Plan showing the reinforcement details
 - 2) Cross section of slab @mid span along short span
 - 3) Cross section of slab @mid span along long span
19. Draw to scale the cross section of a pavement showing thickness of all layers.
20. Draw a plan and section for a septic tank for the following details.
Depth of tank is 1.75m, length of PCC bed 4.7m
width of PCC bed 1.9m, thickness of PCC bed is 0.15m.
Width of tank wall in brick work above PCC bed = 0.4m for a height 0.4m.
Width of tank wall in brick work = 0.3 m for a height 0.5m
Width of tank wall in brick work = 0.2 m for a height 0.7m
The tank consist of a RCC precast slab of thickness 75mm.
Also show the provision of inlet and outlet pipes.
21. Show the rainwater recharging and harvesting system for the below plan.

- i) Plan at Sill
 - ii) Front elevation
 - iii) Section along AA'
 - iv) Schedule of openings
25. For the same line diagram, Draw to scale the following
- i) Electrical Service
 - ii) Plumbing and Sanitary services.



26. 1. The line diagram of a hostel building is given in fig 1(a). Draw to scale the following
- Plan at Sill
 - Front elevation
 - Section along AA'
 - Schedule of openings
2. For the same line diagram, Draw to scale the following
- Electrical Service
 - Plumbing and Sanitary services.



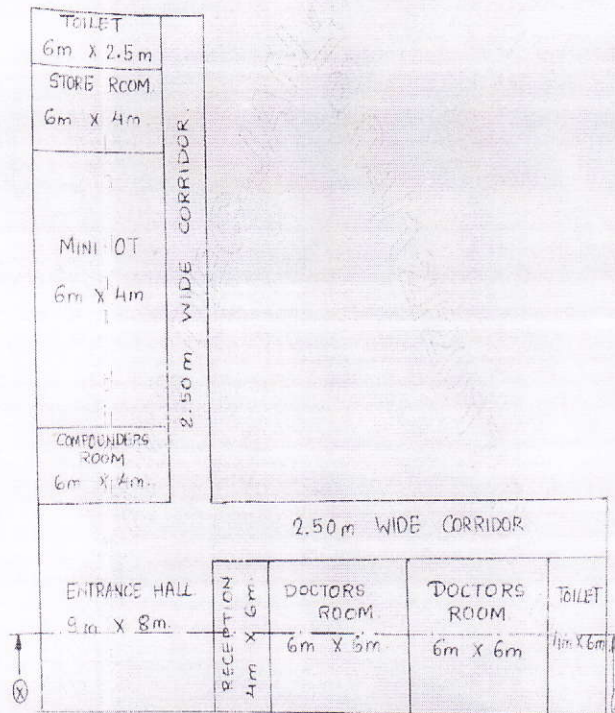
22. Draw the cross section of a divided highway in urban area having width of pavement 10.5m, footpath 3m, cycle track 3.8m and reserve space 1.2m and area separator or divider 6m in width.
23. Draw the cross section of a divided highway in urban area having width of pavement 7m, footpath 2m, cycle track 1.8m and reserve space 2.2m and area separator or divider 4m in width.
24. The line diagram of a residential building is given in fig 1(a). Draw to scale the following





27. 1. The line diagram of a hospital building is given in fig 1(a), Draw to scale the following
Plan at Sill
Front elevation
Section along AA'
Schedule of openings

2. For the same line diagram, Draw to scale the following
Electrical Service
Plumbing and Sanitary services.



28. 1. The line diagram of a hospital building is given in fig 1(a), Draw to scale the following
Plan at Sill
Front elevation
Section along AA'
Schedule of openings

2. For the same line diagram, Draw to scale the following
Electrical Service
Plumbing and Sanitary services.

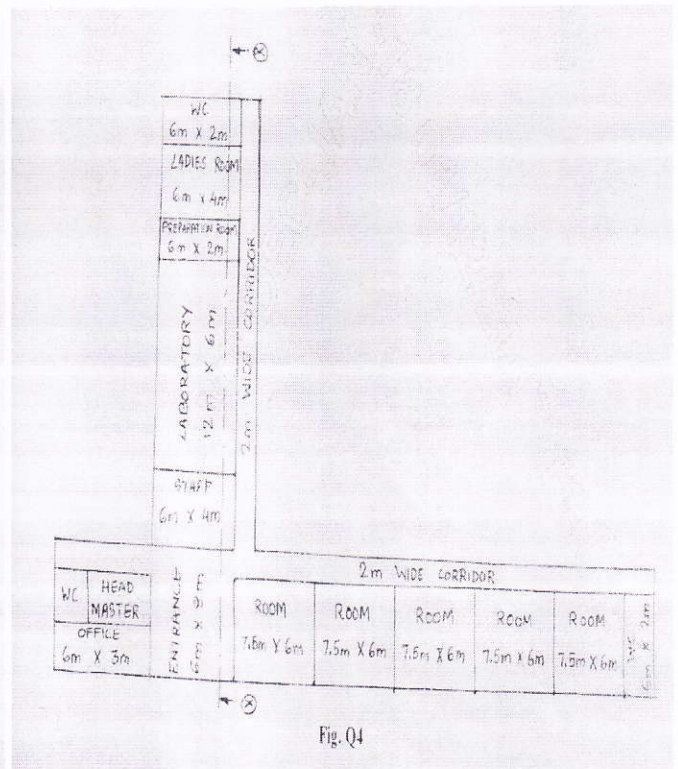


Fig. Q4

Prepared by	Checked by		
Prof. S.M.Chandrakanth	Prof. M D Patil	HOD Civil Engineering S.J.P.N.T.'s HIT, Nidasoshi	Principal HIT, Nidasoshi









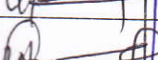
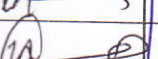

LESSON PLAN

Course: Computer Network & Security

Code: 19C852

Lect. Per week: 04

Sem.: I

Mod- ule/ Unit	Details of content to be taught	Date		Signature	
		Planned	Actual	Faculty	HOD
I	N/w application architecture, protocol conn. transport layer services.	1/10/21	11/10/21		
	Transport layer services provided by internet	4/10/21	4/10/21		
	Application layer protocols.	5/10/21	5/10/21		
	Overview of HTTP, Non-persistent & persistent connections.	7/10/21	7/10/21		
	HTTP msg format, User-server interaction	8/10/21	8/10/21		
	GET, FTP, Commands & replies, Email.	11/10/21	9/10/21		
	SMTP, Mail msg format, mail access protocols	12/10/21	21/10/21		
	DNS, Working of DNS, DNS Records & msg.	18/10/21	22/10/21		
	PPP file distribution, Hash tables, Creating N/w application	19/10/21	23/10/21		
	Socket programming with UDP & TCP.	21/10/21	25/10/21		

II	Relationship betn transport & N/w layer Transport layer in internet.	22/10/21	26/10/21		
	Connectionless transport, UDP, Segment structure	28/10/21	08/11/21		
	UDP, principles of reliable data transfer	26/10/21	9/11/21		
	Go-back N & selective repeat TCP.	2/11/21	11/11/21		
	Tcp Segment structure, Round trip time estimation & timeout	4/11/21	12/11/21		
	Reliable data transfer, flow control	8/11/21	13/11/21		
	TCP connection management; congestion control	9/11/21	15/11/21		
	causes & cures of congestion, approaches to congestion control	7/11/21	16/11/21		
	N/w assisted congestion control: AIMD	12/11/21	18/11/21		
	ABR congestion control, TCP ec. fairness	15/11/21	19/11/21		
Planned Hrs: 10		Actual Hrs: 10			

HOD

PRINCIPAL

LESSON PLAN

Course: Computer Networks & Security Code: 18CBS2 Lect. Per week: 04

Sem.: V

Mod- ule/ Unit	Details of content to be taught	Date		Signature	
		Planned	Actual	Faculty	HOD
III	Inside a router, Input processing	16/11/21	20/11/21		
	Switching, output processing, Queuing	18/11/21	23/11/21		
	Routing Control plane, IPv6	19/11/21	24/11/21		
	IP Security, - LS - Routing algorithm	23/11/21	26/11/21		
	DISTANCE VECTOR Routing algorithm	29/11/21	29/11/21		
	Hierarchical routing, Routing in Internet	30/11/21	28/11/21		
	Intra- AS- Routing in Internet, RFP	02/12/21	03/12/21		
	OSPF, Inter/ AS routing	03/12/21	04/12/21		
	BGP, Border gateway protocol	06/12/21	06/12/21		
	Broadcast routing algorithm & multicast	07/12/21	09/12/21		

Planned Hrs: 10

Actual Hrs: 10

IV	properties of video, properties of audio	09/12/21	10/12/21		
	Types of multimedia n/w applications,	10/12/21	11/12/21		
	Streaming stored video: UDP Streaming	13/12/21	14/12/21		
	HTTP Streaming, Adaptive Streaming	14/12/21	16/12/21		
	DAIS & content distribution networks	16/12/21	17/12/21		
	VOIP - voice over IP - Limitations of VoIP	17/12/21	18/12/21		
	Removing jitter at receiver for audio	20/12/21	21/12/21		
	Recovering from packet loss protocols.	21/12/21	23/12/21		
	RTP, RTCP	23/12/21	30/12/21		
	RTP, RTCP	24/12/21	31/12/21		

Planned Hrs: 10

Actual Hrs: 10

HOD

PRINCIPAL

LESSON PLAN

Course: Computer Networks & Security Code: 18U52 Lect. Per week: 04

Sem. V

Module/ Unit	Details of content to be taught	Date		Signature	
		Planned	Actual	Faculty	HOD
V	Overview of Networks security elements	30/12/21	01/01/22		
	classification of Networks attacks	31/12/21	04/01/22		
	Security methods, Symmetric key cryptography	03/01/22	05/01/22		
	Data encryption standard, AES,	04/01/22	06/01/22		
	Public key cryptography - RSA.	06/01/22	11/01/22		
	Diffie-Hellman key exchange protocol.	07/01/22	12/01/22		
	Authentication Hash function	10/01/22	14/01/22		
	Secure Hash algorithm, Digital Signatures	11/01/22	18/01/22		
	Firewall & Packet Filtering	13/01/22	19/01/22		
	Packet filtering & proxy services.	14/01/22	20/01/22		

Planned Hrs: 10

Actual Hrs: 10

Planned Hrs:

Actual Hrs:

HOD

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Examination
Academic
IA - I
2021-22 (ODD)

1st IA TEST TIME-TABLE

Date→ Time→ Semester↓	29-11-2021		30-11-2021		01-12-2021	
	11AM – 12.30PM#	2.30PM – 4PM#	11AM – 12.30PM#	2.30PM – 4PM#	11AM – 12.30PM#	2.30PM – 4PM#
III	18**31	18**32	18**33	18**34	18**35 / 18ME35B	18**36 / 18ME36B
V	18**51	18**52	18**53	18**54	18**55	18**56
VII	18**71/17**71/15**71	18**72/17**72/15**72	18**73X(Prof. Elective-II)/17**73/15**71	18**74X(Prof. Elective-III)/17**74X/15**74X	18**75X (Open Elective-B) /17**75X/15**75X	

- Note:**
- #For 50 Marks Test, Duration: 90 Minutes and For 30/20 Marks Test, Duration : 60 Minutes.
 - 18CPH39 (Constitution of India, Professional Ethics and Cyber Law): 01-12-2021: 4.15pm to 5.15pm for III Semester EEE, ME & CIVIL in Mechanical Seminar Hall.
 - 18KVK39/18KAK39 (Vyavarika Kannada/ Aadalitha Kannada) : 01-12-2021: 4.15pm to 5.15pm for III Semester CSE(A-303) & ECE (D-210).
 - 18CIV59 : Environmental Studies: 01-12-2021: 4.15pm to 5.15pm for all branches of V Semester. CSE (A-304), ECE (D-211), EEE&ME (Mechanical Seminar hall).

Seating Arrangement (As Per the Roll Call)

Wing	Block	Semester-Branch : Roll Nos.	
A	1	III-CS:1-30(30)	V-EC:1-29(29)
	2	V-CS:1-30(30)	III-EC:1-30(30)
	3	VII-CS:1-30(30)	VII-EC:1-30(30)

Wing	Block	Semester-Branch : Roll Nos.	
C	4	VII-ME:1-30 (30)	VII-EE:1-29(29)
	5	VII-ME:31-54 (24) VIIP-ME:1-09 (09)	VII-CS:31-43(13) VIIP-CS:1-03(03)
	6	III-ME:1-07(07) III-EE:1-17(17)	V-EE:1-19(19)

Wing	Block	Semester-Branch : Roll Nos.	
D	7	V-CS:31-53 (23)	III-EC:31-45(15)
	8	III-CS:31-52(22) III-CIV:1-08 (08)	V-ME:1-26(26)
	9	VIIP-EE:1-05 (05)	VII-EC:31-35(05) VIIP-EC:01-04(04)

Prof. S. B. Akkole
 Dean Examination



Dr. S. C. Kamate
 Principal



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Examination
Academic
IA - I
2021-22 (ODD)

ROOM INVIGILATOR DUTY CHART: IA TEST – I

Mechanical Engg.			
Staff	29 Nov. 2021	30 Nov. 2021	01 Dec. 2021
DNI	M	AN	
SAG	AN		M
MMS		M	
MAH		M	M
MIT	AN	AN	
BMD	M		AN

Electronics & Comm. Engg.			
Staff	29 Nov. 2021	30 Nov. 2021	01 Dec. 2021
SSK	M	AN	
SSM	AN		M
DMK		M	AN
SSP	AN		M
DBM	M	AN	
PVP		M	
BPK		AN	

Computer Science & Engg.			
Staff	29 Nov. 2021	30 Nov. 2021	01 Dec. 2021
SGG	M		
NKH	AN	AN	
RRP	AN		AN
NMP	M		
CRB		M	M
MGH		M	M
MAC			

Electrical & Electronics Engg.			
Staff	29 Nov. 2021	30 Nov. 2021	01 Dec. 2021
SDH	M		
HRZ	AN		
MPY	AN		M
OBH		M	
PMM	M		M
SSB		M	
KBN	M	AN	
SGH		AN	

Applied Science			
Staff	29 Nov. 2021	30 Nov. 2021	01 Dec. 2021
SLP		M	
SAP		AN	
SST			AN
SIS			AN
Civil Engg.			
MMN			M
MDP	AN		

Departmental Exam Coordinator:

1. M. S. Futane (ME)
2. A. A. Daptardar (CSE)
3. S. S. Ittannavar (ECE)
4. A. U. Neshti (EEE)
5. P. R. Patil (Civil Engg.)
6. S. I. Walaki (1st Year)

Observer:

BVM & SNT: 29th Nov. 2021 (M & AN)
 RRM & KBM: 30th Nov. 2021 (M & AN)
 KMA & SVM: 01 Dec. 2021 (M & AN)

For 18CPH39, 18KAK39/18KVK39, 18CIV59: CSE – AAD & BSK
 ECE—SSI and SJW, ME, EEE & CIVIL-- MSH, AUN & MSF

Note: M: 11AM – 12.30 PM & AN: 2.30PM – 4PM

Instructions:

1	Room Superintendent shall be present in the Examination Center 20 minutes before the commencement of examination.
2	Subject In-charge shall handover / arrange to handover the Blue books of their subject(s) to the Examination Center 30 minutes before the commencement of Examination.
3	Subject In charge shall Collect / arrange to collect their the Blue books from the Examination Center within 15 minutes, after the Examination is over.
4	The word ABSENT shall be written in CAPITAL letters in the Form – B in RED INK only
5	Utmost discipline shall be maintained in the examination hall.
6	Carrying of Mobile Phones / Electronic gadgets is strictly prohibited in the Examination Hall.

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

Prof. S. B. Akkole
 Dean Examination



Nidasoshi-591 236, Tag: Hukkeri, Dist: Belagavi, Karnataka, India.
 Phone: +91-8333-278887, Fax: 278886, Web: www.hsit.ac.in, E-mail: principal@hsit.ac.in

Dr. S. C. Kamate
 Principal



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Examination

Academic

IA - I

2021-22 (EVEN)

Ref: HSIT/NDS/ECE/ IA TT/2021-22/ 17

Date: 05/05/2022

1st IA TEST TIME-TABLE

Date→ Time→ Semester ↓	09-05-2022		10-05-2022		11-05-2022	
	11AM – 12.30PM#	2.30PM – 4PM#	11AM – 12.30PM#	2.30PM – 4PM#	11AM – 12.30PM#	2.30PM – 4PM#
VI	18**61/17**61/ 15**61	18**62/17**62 /15**62	18**63/17**63 /15**63	18**64X/17**64 /15**64	18**65X/17**65 /15**65	17**66X /15**66X
VIII	18**81/17**81 /15**81		18**82/17**82 /15**82	17**83X /15**83X		

Note:

➤ #For 50 Marks Test, Duration: 90 Minutes and For 30/20 Marks Test, Duration: 60 Minutes.

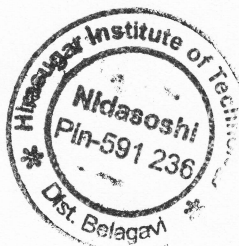
Seating Arrangement (As Per the Roll Call)

Wing	Block	Semester-Branch : Roll Nos.	
B	1	VIII-CS:1-30 (30)	VIII-EE:5-29, 31-34(29)
	2	VIII-ME:31-54 (24)	VIII-EC:1-30(30)
	3	VI-CS:1-30(30)	VI-ME:1-25(25) VIP-ME:1-02(02)
	4	VIII-ME:1-30(30)	VIII-EC:31-35(05) VIII-CS:31-43(13)
	5	VI-EC:1-29(29)	VIIIP-CS:44-46(03) VIIIP-EC:01-05(05) VIIIP-ME:1-09 (09) VIIIP-EE:1-04,30 (05)
	6	VI-EE:1-19(19)	VI-CS:31-53 (23)

05/05/2022
Prof. S. B. Akkole
 Dean Examinations

Dr. S. C. Kamate
 Principal
PRINCIPAL

Hirasugar Institute of Technology
 Nidasoshi- 591 236





ROOM SUPERINTENDENT DUTY CHART: IA TEST – I

Mechanical Engg.			
Staff	9 th May. 2022	10 th May. 2022	11 th May. 2022
DNI	M		
SAG	M		
MMS		M	
MAH			
MIT			
GMZ			
MSF			A

Electronics & Comm. Engg.			
Staff	9 th May. 2022	10 th May. 2022	11 th May. 2022
SSK	M		
SSM	M		
DMK		M	
SSP	A		
DBM		A	
PVP			
BPK		M	
RRM			M

Computer Science & Engg.			
Staff	9 th May. 2022	10 th May. 2022	11 th May. 2022
NKH		M	
NMP		A	
MGH	M		
KBM	A		
PGP			
RAP			

Electrical & Electronics Engg.			
Staff	9 th May. 2022	10 th May. 2022	11 th May. 2022
SDH			M
HRZ	M		
MPY	A		
OBH			M
PMM			
SSB		A	
KBN		M	
SGH		M	

Departmental Exam Coordinator:

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6. S. J. Walki (1st Year)

Observer:

BVM: 9th May. 2022 (M & A)
 SNT: 10th May. 2022 (M & A)
 SVM: 11th May. 2022 (M & A)

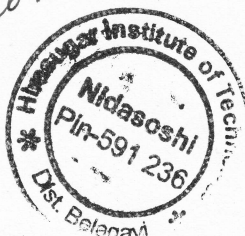
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05/05/2022
Prof. S. B. Akkole
 Dean Examinations



Dr. S. C. Kamate
 Principal
PRINCIPAL
 Hirasugar Institute of Technology
 Nidasoshi- 591 236

	S J P N Trust's		Mech. Engg. Dept.
	Hirasugar Institute of Technology, Nidasoshi		AIMSS
	Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.		Activity Report
	Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME.		AY:2021-22

Activity Report

S.No.	Title of the information	Information in brief			
1	Identified Gap No/s.:	6 & 44			
2	Activity Type:	Technical Talk			
3	Activity/Event Organizer/s or Coordinator/s:	Dr. S. N. Topannavar, Professor and HOD, Mechanical Engineering Department, HIT Nidasoshi			
4	Title of the Activity/Event:	Technical Talk on "Nano Fluids for Radiator Coolant & Engine Applications"			
5	Date:	13-11-2021			
6	Venue:	Mechanical Seminar Hall			
7	Objectives:	1. To improve automotive and heavy-duty engine cooling rates by increasing efficiency, lowering weight, and reducing the complexity of thermal management. 2. To design a more compact cooling system with smaller and lighter automobile radiators.			
8	Activity Outcomes:	1. Understand about Nanofluids are mainly improving the performance of the internal combustion engine by enhancing heat transfer rate. 2. Understand various types of nanofluids and their applications.			
9	Details of Resource Person/s with contact details:	1. Dr. N. R. Banapurmath, Professor, Head of Centre for Materials Studies, KLE Technological University, Hubli			
10	Finance Management:	Expenses incurred by the Department Association (AIMSS)			
11	No. of participants	Students: (Boys = 54 Girls = 05), Staff: 09			
12	Mapped POs, Weight-age assigned & %age of attainment: PO (Weight-age)	PO mapped	Weight-age assigned (1/2/3)	%age of Attainment	Level of attainment
		PO1	2	83	1.66
		PO2	1	83	0.830
		PO3	1	83	0.830
		PO8	1	83	0.830
		PO12	1	83	0.830
13	Mapped PSOs, Weight-age assigned & %age of attainment: PSO (Weight-age)	PSO mapped	Weight-age assigned (1/2/3)	%age of Attainment	Level of attainment
		PSO1	1	83	0.830
		PSO2	1	83	0.830
14	Outcomes achieved/Impact analysis:	1. The activity mapped with PO1, PO2, PO3, PO8, and PO12 was found satisfactory with attainment levels of 1.66, 0.830, 0.830, 0.830 and 0.830 against the mapped values during the impact analysis. 2. The activity mapped with PSO1 and PSO2 was found satisfactory with attainment levels of 0.830 and 0.830 against the mapped value during the impact analysis			



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

Mech. Engg. Dept.

AIMSS

Activity Report

AY:2021-22

Photo Gallery



Dr. N. R. Banapurmath, Professor, Head of Centre for Materials Studies, KLE Technological University, Hubli is delivering the Technical Talk on Nano Fluids for Radiator Coolant & Engine Applications held on 13th November 2021.




Staff and students attended the technical talk on Nano Fluids for Radiator Coolant & Engine Applications held on 13th November 2021.

Mr. Vivekanand Kambi
AIMSS Secretary

Prof. M.M. Shivashimpi & Prof. D.N. Inamdar
AIMSS-Coordinator/s

Dr. S.N. Topannavar

HOD
Mechanical Engg.
HIT, Nidasoshi

	S J P N Trust's		EEE
	Hirasugar Institute of Technology, Nidasoshi		Academics
	Inculcating Values, Promoting Prosperity		Feedback
	Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME		2021-22 Even Sem


Date:11-05-2022

Consolidated Feedback Report - I

SN	Faculty Name	Designation	Subject Name	Semester	Class Strength	Respondent's	Very Poor	Poor	Good	Very Good	Excellent	Percentage(%)	Signature
1	DR.M.M. SHIVASHIMPI	ASSO. PROF.	NCES(18ME651)	6	38	7	0	0	0	6	57	98.0	[Signature]
2	PROF.A.U.NESHTI	ASST. PROF.	DSP(18EE63)	6	19	17	0	2	35	48	68	83.7	[Signature]
3	PROF.H.R.ZINAGE	ASST. PROF.	S&T(18EE647)	6	19	17	0	4	18	34	97	89.2	[Signature]
4	PROF.H.R.ZINAGE	ASST. PROF.	PSOC(15_17EE81)	8	34	10	0	0	0	13	77	97.1	[Signature]
5	PROF.H.R.ZINAGE	ASST. PROF.	PSOC(18EE81)	8	34	20	0	0	1	7	172	99	[Signature]
6	PROF.M.P.YENAGIMATH	ASST. PROF.	SG(15_EE831)	8	34	5	0	0	0	1	44	99.5	[Signature]
7	PROF.M.P.YENAGIMATH	ASST. PROF.	BDAPS(18EE823)	8	18	17	0	0	0	17	136	97.7	[Signature]
8	PROF.O.B.HEDDURSHETTI	ASST. PROF.	CS(18EE61)	6	19	17	0	0	2	50	101	92.9	[Signature]
9	PROF.O.B.HEDDURSHETTI	ASST. PROF.	IDA(15_17EE82)	8	34	5	0	0	0	1	44	99.5	[Signature]
10	PROF.P.G.PATIL	ASST. PROF.	JAVA(18CS653)	6	11	10	0	0	7	38	45	88.4	[Signature]
11	PROF.S.D.HIREKODI	ASST. PROF.	EEC(18EE822)	8	11	7	0	0	0	0	63	100	[Signature]
12	PROF.S.G.HUDDAR	ASST. PROF.	PSA-1(18EE62)	6	19	17	0	8	46	21	78	82.0	[Signature]

Dr. B. V. Madiggond

Prof. & Head BE,ME,Ph.D.
- Dept. of Electrical & Electronics Engg.
HIT NIDASOSHI-591 236

	S J P N Trust's Hirasugar Institute of Technology, Nidasoshi <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME.	Institute
		HOD Meeting
		WARC
		2021-22 Odd Semester

Ref. No.: HSIT/NDS/HOD-Meeting-11/2021-22


Date: 20.12.2021

NOTICE

A meeting of all HODs is convened on 20.12.2021 in the office of the Principal at 4.30PM. The agenda of the meeting are as below:

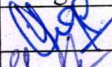

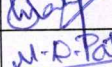
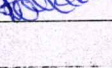
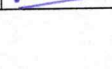
Agenda:

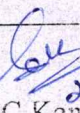
1. Review of weekly attendance & syllabus up to week 11.
2. Rescheduling of III Semester II-IA.
3. Allocation of additional classes to cover-up syllabus.
4. Observing Sunday as working day,
5. Nomination of Class CRs
6. Any other matter with the permission of the chair.


 (Dr. B.V. Madiggond)
 Convener & HOD (EE)

S. N	Minutes of Meeting	Staff In charge	Due Date	Remarks
1.	The average syllabus coverage/attendance of III, V & VII Semesters is 40/77%, 52/80% & 56/69%.	All HODs	18.12.2021	
2	It is decided to reschedule III Semester II-IA on 17-19 th January 2022.	All HODs.	--	
3	It is decided to prepare time-table for additional classes to cover-up the lagging syllabus.	All HODs	--	
4.	It is decided to observe 2 nd January-2022 as working day to compensate holiday declared on 4 th November 2021.	All HODs	--	
5.	HODs are requested to identify students having leadership abilities based on their observation and nominate he/she as class CRs.	All HODs	23.12.2021	
	The meeting concluded with vote of thanks to chair.			

Members Present:

Name	Design.	Sign.	Name	Dept.	Sign.
Dr. S.N.Topannavar	HOD-ME		Prof. S.V.Manjaragi	HOD-CSE	
Prof. S.S.Malaj	HOD-EC		Dr. K.M.Akkoli	I-year coord.	
Prof. M.D.Patil	HOD-CV				


 Dr. S.C. Kamate
 Principal



Ref. No: HSIT/NDS/ECE/Meeting/2021-22/

Date: 27/4/2022

DEPARTMENT MEETING

A meeting of all staff members of ECE Dept. is convened on 27/4/2021 in the office of the Head of Department of Electronics & Communication Engineering at 03:00 p.m. The agenda of the meeting

To discuss on:

1. Academic Review
2. AICTE Activity point Program
3. Department Activities for the even semester 2022
4. Counseling and mentoring report
5. Student paper publication
6. Teaching Aids
7. Faculty Dairy
8. Industry Visit
9. KSCST Project sanction

B.P.K.
 Prof. B. P. Khot
 Convener

Sl. No.	Minutes of Meeting	Staff In-charge	Due Date
1	Head of the department informed all the faculty members to enhance the syllabus coverage by proper plan and asked to counsel the absentee students.	All faculty members	Complete
2	Head of the department discussed regarding students AICTE activity point program for the 6 th and 8 th semester students and it was decided to collect completed activity program reports by students on or before 14/5/2022.	6 th and 8 th sem. Class Teachers	14/05/2022
3	Head of the department discussed regarding activities to be conducted in the even semester 2021-22 and also discussed regarding planning and implementation of the April and May month department activities.	All faculty members	Even Sem. 2022
4	Head of the department asked all the faculty members to do students counseling and Mentoring for every 15 days and asked to prepare the report of the April month by 2/05/2022.	All faculty members	2/05/2022
5	Head of the department informed all the faculty members to motivate all the 8 th semester students to do prepare the journal paper on their project work.	All faculty members	Even Sem. 2022
6	To improve the teaching learning process it was decided to utilize modern tools, video lectures, preparing lecture notes, ppt., question paper solutions and conducting quiz programs for students.	All faculty members	Even Sem. 2022
7	Head of the department asked all the faculty members to keep faculty diary up-to-date and asked to take signature in faculty diary every Saturday.	All faculty members	Every week Saturday
8	Prof. S. S. Patil was informed to accompany final year students for Industrial visit after the 1 st Internal Assessment.	Prof. S. S. Patil	May 2022



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ECE Dept.

Dept Office

Meeting

2021-22(Even)

Sl. No.	Minutes of Meeting					Staff In- charge	Due Date
9	Department staff congratulated the staffs and students for getting KSCST Project Sponsorship 2021-22					Dr. R. R. Maggavi Prof. P. V. Patil	Complete
	Sl. No.	Project title	Name of the guide	Name of the students	Amount		
	1	Smart Bus Alert System For Easy Navigation For Blind People	Dr. R. R. Maggavi	Mr. Vinit Kanthi Mr. M. Tanaveer S. Ms. Veda M. Ms. Pratima J.	6000		
	2	Environment Friendly Reverse Vending Machine For Rural India	Prof. P. V. Patil	Mr. Prathamesh K. Mr. Pavankumar K. Mr. Ramakumar K. Mr. Ravikiran K.	6000		

Members Present:


RRM		SSM		SSK		DMK		SSP		DBM		PVP	
SSI		BPK											
PSD		VVG	—	AKT		MAA							

CC: The Principal, for kind information/Office of the principal

Head of ECE Department


HOD

Electronics & Comm. Engg. Dept.
HSIT NIDASOSHI

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		Training
		Training Activities
		2021-22

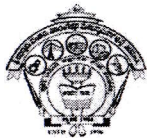
Training Activities details for AY: 2021-22

S.N.	Name of the Training	Date of Conduction	By whom	Details
1	Orientation Program on “Pre-Placement Activities”	10/11/2021	Mr. Manjunath Aradhya Founder & CEO, ABC, Bengaluru	Final Year & Pre-Final Year All Branch Students
2	Seminar on “Cloud Technology”	11/11/2021	Miss. Priyanka H, Senior Team Lead at HP, Bengaluru	Final Year All Branch Students
3	CREA (Coaching for Recruitment and Empowerment of Actions) Training Program (64 Hours)	15/11/2021 to 24/11/2021	Innovation Unlimited Training Services, Bengaluru	Final Year students CSE : 31 students attended ECE- 22 students attended EEE -20 students attended ME-04 students attended
4	A Talk on “Robotics & Automation”	17/11/2021	Mr. Neelesh B. Chougule, Chairman & MD, Creintors Group of Companies & Mrs. Disha N. Chougule, Director, Creintors Automation Solution Pvt. Ltd.	All Branch 2 nd & 3 rd Year Students
5	Interactive Session on “Awareness & Career Opportunities in Full Stack”	11/12/2021	Mr.Rohit Ravinder Founder & CEO, TAP Academy, Bengaluru	5th Sem: 62 CSE : 37 students attended ECE- 25students attended EEE -00 students attended 7th Sem: 27 CSE : 17 students attended ECE- 05students attended EEE -05 students attended
6	Techno-Functional Talk Event for 30 Minute on Latest Industrial Revolution & Career Guidance	30/12/2021	Ms.Divya Shree S Business Development Executive Technologies Global Pvt Ltd.	3 rd Year (ME,EEE,ECE Branch Students)
7	Inaugural Function of “JAVA Full Stack Course” Sponsored by Karnataka State Skill Development Corporation Govt. of Karnataka	11/01/2022	CADMAXX Solution Pvt. Ltd, Bengaluru	7th Sem: 49 CSE : 12 students attended ECE- 26students attended EEE -11 students attended
8	45 Days Online Free Foudation Certificate Course on Spoken English, Basic Computer Skills, Resume Preparation & Interview Skills.with Placement Supports	Noticed on 15/01/2022	Magic Bus India Foundation	Final Year students (2022 Batch)
9	Interdisciplanery Approach to Excel in your Career	21/01/2022	Mr. Pramod Parid Sr. HR at Creintors Group of Companie, Belagavi	Pre-final Year & 2 nd Year Students of all Branch

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		Training
		Training Activities
		2021-22

Training Activities details for AY: 2021-22

S.N.	Name of the Training	Date of Conduction	By whom	Details
1.	Free Online Certificate Courses in Machine Learning and Artificial Intelligence for computer and IT Engineering Students (4 Weeks Duration)	27/07/2022	YBI Foundation Company	Final Year, Pre-Final & 2 nd Year Circuit Branch Students
2.	Session on SAP	26/08/2022	Mr. Sanjay Arali, Tecno Connect Hub, Pune	All 4 th & 6 th Sem Students
3.	"A Free Webinar on How to get a Placement in Multinational Companies " (3 Days)	26/08/2022 To 28/08/2022	IIT Mumbai Present's	Final Year & Pre-Final Year All Branch Students
4.	Virtual Workshop - (Solving Real – World Industry Problems with Ai Computer Vision)	26/08/2022 at 10.30Am	AI Computer Vision	Final Year & Pre-Final Year All Branch Students
5.	Free- TCS Specific Training for 2023 batch Students (15 Days)	01/08/2022 To 15/08/2022	Seventh Sense Talent Solution	Final Year All Branch Students (2023 Batch)



Remedial/Make-up Classes (Regular/Preparatory)

Attendance Sheet

Subject: Fluid Mechanics (18ME43)

Class: IV Sem

Course Coordinator: Dr.S.N.Topannavar

R.N.	Student	USN	24/07	05/08	10/08	12/08	14/08	23/08	23/08	24/08	25/08	26/08	26/08	27/08	27/08
1	Akash R Patil	2HN20ME001	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	Basavaraj G. Kambar	2HN20ME002	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3	Atharv Gondhali	2HN20ME003	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	Kausik G. Shivakale	2HN20ME004	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	Pramod B. Ammanagi	2HN20ME005	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	Sangamesh K.S.	2HN20ME006	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	Yogesh R. Dhanawade	2HN20ME007	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	Abdulrahin B. Kazi	2HN21ME400	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	Akash A. Badiger	2HN21ME401	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	Akash P. Madihalli	2HN21ME402	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	Akshay M. Chabbi	2HN21ME403	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12	Malikjan M. Mujavar	2HN21ME404	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13	Nitish R. Bani	2HN21ME405	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14	Rahul D. Mangasuli	2HN21ME406	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
15	Rahul M. Nandeshwar	2HN21ME407	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
16	Sachin S. Pujeri	2HN21ME408	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
17	Shivaprabhu M. Patrot	2HN21ME409	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
18	Shivaraj B. Neelakanth	2HN21ME410	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
*19	Shrinath G. Sooji	2HN21ME411	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
20	Yash R. Mane	2HN21ME412	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
Title of topic/s			viscosity & numerical	numerical on viscosity	Numerical on buoyancy & floating	Numerical on manometry	Numerical on Bernoulli eqn.	Numerical on Bernoulli eqn.	Stagnation properties	velocity & numerical	dimensional analysis	model analysis numerical	loss of energy in pipe	Numerical on pipe	Numerical on pipe
Course Coordinator Signature															

Signature of Course Coordinator

Mechanical Engg.
HIT, Nidasoshi