



Hon. Shri. Babanrao Pachpute Vichardhara Trust's

ग्रुप ऑफ़ इन्स्टिट्यूट्स

Kashti, Tal - Shrigonda, Dist-Ahmednagar, Maharashtra - 414 701

Faculty of Engineering

Approved by AICTE, MS (New-Int)-Engg./2009/09, Dt. 15/06/09, Affiliated to Savitribai Phule Pune University

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Savitribai Phule Pune University



Circular No. 92 of 2023

Dates of Commencement and Conclusion of the Academic Year 2023-24 for Affiliated Colleges and Institutes.

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of Courses, under the faculty of Science & Technology, for the academic year 2023-24 shall be as under:

Term - I

Sr. No.	Course, Programme, Year	Commencement	Conclusion	Tentative Commencement Exam	Vacation	
					From	To
1	Science	20/06/2023	31/10/2023	01/11/2023	01/11/2023	21/11/2023
2	B.E.: II	10/08/2023	04/12/2023	06/12/2023	07/12/2023	25/12/2023
3	B.E.: III IV	10/07/2023	04/11/2023	07/11/2023	11/11/2023	02/12/2023
4	M.E.: II	10/08/2023	04/12/2023	06/12/2023	07/12/2023	25/12/2023
5	B.Arch.: II	14/08/2023	04/12/2023	05/12/2023	05/12/2023	18/12/2023
6	B.Arch.: III IV V	12/07/2023	04/11/2023	28/11/2023	20/11/2023	10/12/2023
7	M.Arch.:II	04/09/2023	06/01/2024	08/01/2024	08/01/2024	22/01/2024
8	B. Pharm: II	04/09/2023	30/12/2023	05/01/2024	17/01/2024	06/02/2024
9	B.Pharm:III,IV	12/07/2023	04/11/2023	28/11/2023	20/11/2023	10/12/2023
10	M. Pharm: II	04/09/2023	30/12/2023	05/01/2024	17/01/2024	06/02/2024

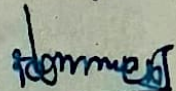
Term - II

Sr. No.	Course, Programme, Year	Commencement	Conclusion	Tentative Commencement Exam	Vacation	
					From	To
1	Science	22/11/2023	30/04/2024	01/05/2024	02/05/2024	15/06/2024
2	B.E.: II	01/01/2024	30/04/2024	06/05/2024	04/05/2024	11/06/2024
3	B.E.: III IV	11/12/2023	30/04/2024	06/05/2024	04/05/2024	11/06/2024
4	M.E.: II	01/01/2024	30/04/2024	06/05/2024	04/05/2024	11/06/2024
5	B.Arch.: II	26/12/2023	27/04/2024	29/04/2024	06/05/2024	16/06/2024
6	B.Arch.: III IV V	26/12/2023	04/05/2024	13/05/2024	16/05/2024	23/06/2024
7	M.Arch.:II	23/01/2024	20/05/2024	23/05/2024	24/05/2024	30/06/2024
8	B. Pharm: II	15/01/2024	30/05/2024	05/06/2024	01/06/2024	15/07/2024
9	B.Pharm:III,IV	26/12/2023	04/05/2024	13/05/2024	16/05/2024	23/06/2024
10	M. Pharm: II	07/02/2024	05/06/2024	10/06/2024	06/06/2024	15/07/2024

NOTE :

1. The dates of commencement and conclusion of the all those courses whose admission is made under Common Entrance Test (CET) conducted by Government of Maharashtra / Savitribai Phule Pune University will be declared separately.
2. In case, the Head of the college requires to give additional holidays in exceptional circumstances, he/she may do so by compensating the same by keeping the college working on holidays.

Ref. No. PGS/2453
Date: 30/05/2023



Deputy Registrar
(P.G.Admission)



**HSBPVT's GOI
Faculty of Engineering, Kashti**

Academic Calender:2023-24 SEM-I (TE&BE)

Jul-23								Event/Activity	Coordinated By	
Week	S	M	T	W	T	F	S			
1		10	11	12	13	14		July 10 : Start Term		
2		17	18	19	20	21				
3		24	25	26	27	28				
		31						July 31: Academic Review	Principal ,Academic dean	
Academic Days :16				Probable Holidays: July.29: Moharum						
Aug-23								Event/Activity	Coordinated By	
Week	S	M	T	W	T	F	S			
4			1			4		Aug. 2-3: Unit Test		
5		7	8	9	10	11				
6		14			17	18		Aug. 23-24: Unit Test		
7		21	22	23	24	25		Aug. 28: Parent Meet	Mentor	
8		28	29	30	31			Aug.31: Academic Review,	Principal ,Academic dean	
Academic Days :21				Probable Holidays: Aug.15:Independance day Aug.16:Parsi New Year,						
Sep-23								Event/Activity	Coordinated By	
Week	S	M	T	W	T	F	S			
						1		Sep. 05 : Teachers day		
9		4	5	6	7	8		Sep. 11 : Guest Lecture on eve of Founder's Day	Class co-ordinator	
10		11	12	13	14	15		Sep.14-15: Engineer's Day & PARAS Activity	PARAS co-ordinator	
11		18			21	22		Sep.21-26: Industrial Visit/Training	Class co-ordinator	
12		25	26	27	28	29	30	Sep. 30 : Academic Review	Principal ,Academic dean	
Academic Days :19				Probable Holidays: Sep.19:Ganesh Chaturthi, Sep.28:Id-E-Milad						
Oct-23								Event/Activity	Coordinated By	
Week	S	M	T	W	T	F	S			
13			3	4	5	6				
14		9	10	11	12	13		Oct.11-12: Unit Test	Project Coordinator	
15		16	17	18	19	20		Oct.17-18: Seminar/Project		
16		23	24	25	26	27		Oct.31: Academic Review,	Principal ,Academic dean	
17		30	31							
Academic Days :20				Probable Holidays: Oct.02: Mahatma Gandhi Jayanti, Oct. 24: Dasara						
Nov-23								Event/Activity	Coordinated By	
Week	S	M	T	W	T	F	S			
			1	2	3			Nov 4: End Term		
								6 Nov - 22 Nov TE & BE PR Exam		
Academic Days :4				Probable Holidays:						


HOD
 Computer Department
 HSBPVT's GOI Faculty of Engineering
 Kashti, Amritsar
 Examination Industrial Visit & Seminar
 Holiday Activity


 Dean Academics





HSBPVT's GOI
Faculty of Engineering, Kashti
Computer Engineering Department

Academic Calender:2023-24 SE-TE-BE EVEN SEM

Dec-23										
Week	S	M	T	W	T	F	S	Event/Activity	Coordinated By	
1		11	12	13	14	15	16	Dec 11: Commencement of Term (TE-BE)		
2	17	18	19	20	21	22	23			
3	24	25	26	27	28	29	30			
4	31									
Academic Days :14				Probable Holiday: Dec 25 Christmas Day						
Jan-24										
Week	S	M	T	W	T	F	S	Event/Activity	Coordinated By	
		1	2	3	4	5	6	Jan 1: Commencement of Term (SE)		
5	7	8	9	10	11	12	13	Jan. 8-10: Internal Test	Exam coordinator	
6	14	15	16	17	18	19	20	Jan. 22-24: Internal Test	Exam coordinator	
7	21	22	23	24	25	26	27	Jan. 27-29: Annual Gathering	Gathering Secretary	
8	28	29	30	31				Jan.31 : Academic Review	Monitoring committee	
				Jan 8-25 TE Internship/ Training Program						
				Jan 16-3 FEB SE Value Added Course						
Academic Days :21				Probable Holiday: Jan 26 Republic Day				Physical Director		
Feb-24										
Week	S	M	T	W	T	F	S	Event/Activity	Coordinated By	
					1	2	3	Jan 16-3 FEB SE Value Added Course		
9	4	5	6	7	8	9	10	Feb. 05-09 : Tentative Insem Exam	CEO	
10	11	12	13	14	15	16	17	Feb 16-17: Industrial Visit/training	Class coordinator	
11	18	19	20	21	22	23	24	Feb 27: PARAS Technical Event	Convener	
12	25	26	27	28	29			Feb.29 : Academic Review	Monitoring committee	
Academic Days :20				Probable Holidays:Feb 19 :Chatrapati Shivaji Maharaj						
Mar-24										
Week	S	M	T	W	T	F	S	Event/Activity	Coordinated By	
						1	2	Mar. 01: Parent meet	Class coordinator	
13	3	4	5	6	7	8	9	Mar.07 : Guest Lecture	Event coordinator	
14	10	11	12	13	14	15	16			
15	17	18	19	20	21	22	23	Mar.28 : Industrial Visit/training	Class coordinator	
16	24	25	26	27	28	29	30	Mar.31: Academic Review	Monitoring committee	
17	31									
Academic Days :18				Probable Holidays:Mar 08: Mahashivratri, Mar25: Holi, Mar 29:Good Friday						
Apr-24										
Week	S	M	T	W	T	F	S	Event/Activity	Coordinated By	
		1	2	3	4	5	6			
18	7	8	9	10	11	12	13	Apr.03-10 : Tentative Insem Exam	CEO	
19	14	15	16	17	18	19	20	Apr.19: Seminar/Guest Lecture/Workshop	Student Association	
20	21	22	23	24	25	26	27	Apr.29: Academic Review	Monitoring committee	
21	28	29	30					Apr. 30 : End of Semester(SE,TE,BE)		
Academic Days :19				Probable Holidays:Apr 9 Gudhipadva, Apr11 Ramzan Eid, Apr 17 Ram Nawami						
May-23										
Week	S	M	T	W	T	F	S	Event/Activity	Coordinated By	
			1	2	3	4				
	5	6	7	8	9	10	11	May 06: Tentative Commencement Exam	CEO	
	12	13	14	15	16	17	18			
	19	20	21	22	23	24	25			
	26	27	28	29	30	31				
Academic Days :				Probable Holidays: May 1 Maharastra Din, May 23 Buddha Purnima						

Test /assignments

Holiday

Events

Industrial visit/training

IQAC coordinator
HSBPVT's GOI

Principal
Faculty of Engineering

SE Computer

Subject Code	Subject	TH (Hrs/Week)	PR(Hrs/Week)
210241	Discrete Mathematics	03 +01	
210242	Fundamentals of Data Structures	3	
210243	Object Oriented Programming	3	
210244	Computer Graphics	3	
210245	Digital Electronics and Logic Design	3	
210246	Humanity and Social Science	1	
210247	Data Structures Lab	4*4=16	
210248	OOP and Computer Graphics Lab	4*4=16	
210249	Digital Electronics Lab	2*4=8	
210250	Business Communication Skills Lab	2*4=8	
210251	Audit Course 3		
Total		17	65

TE Computer

Subject Code	Subject	TH (Hrs/Week)	PR(Hrs/Week)
310241	Database Management Systems	3	
310242	Theory of Computation	3	
310243	Systems Programming and Operator	3	
310244	Computer Networks and Security	3	
310245	Elective I Internet of Things and En	3	
310246	Database Management Systems Laboratory	4*4=16	
310247	Computer Networks and Security Laboratory	2*4=8	
310248	Laboratory Practice I	4*4=16	
310249	Seminar and Technical Communication	1*4=4	
310250	Audit Course 5		
Total		15	44

BE Computer

Subject Code	Subject	TH (Hrs/Week)	PR(Hrs/Week)
410241	Design and Analysis of Algorithms	3	
410242	Machine Learning	3	
410243	Blockchain Technology	3	
410244	Elective III Cyber Security And Digi	3	
410245	Elective IV Software Testing And Qu	3	
410246	Laboratory Practice III	4*4=16	
410247	Laboratory Practice IV	2*4=8	
410248	Project Stage I	2*4=8	
Total		15	32

Undistributed Load= 45 Hrs

Teaching Load Distribution-2023-24 SEM-1

Sr.No.	Name of Faculty	Theory		Practical		Total
		Class				
1	Hiranwale S.B.	SE	Database Management	3	Database Management S	8
		TE	Elective IV Software Tes	3	Laboratory Practice IV	4
		SE				
2	Gunaware N.G.	TE	Elective III Cyber Secur	3	Laboratory Practice IV	4
		SE				
		SE				
3	Surywanshi A.P.	SE	Systems Programming a	3	Laboratory Practice I	8
		TE	Blockchain Technology	3	Laboratory Practice III	8
		SE				
4	Bhosale S.S.	TE	Elective I Internet of Thir	3	Laboratory Practice I	8
		BE	Machine Learning	3	Laboratory Practice III	8
		SE	Computer Graphics	3	OOP and Computer Gra	8
5	Shaikh J.N.	TE	Theory of Computation	3	Laboratory Practice III	8
		BE	Design and Analysis of	3		
		SE				
6	Dhumal S.S.	TE	Computer Networks and	3	Computer Networks and	8
		BE				
		SE	Humanity and Social Sc	1	Project Stage I	8
7	Kanade R.S.	TE			Database Management S	8
		BE			Seminar and Technical C	4
		SE	Fundamentals of Data S	3	Data Structures Lab	16
8		TE	Discrete Mathematics	3+1		
		BE				
		SE	Object Oriented Progral	3	OOP and Computer Gra	8
9		TE	Digital Electronics and I	3	Digital Electronics Lab	8
		BE				
		SE				
Total						22

Class Coordinators

SE	Shaikh J.N.
TE	Dhumal S.S.
BE	Surywanshi A.P.

HSBPVT's Gol, College of Engineering, Kashti

Department of Computer Engineering

Load Distribution for A.Y.2023-24 (Sem-2)

Sr.No.	Staff Name	Class	Subject	TH	PR (No.of Batches)	Total	Dept.Lev el Activities	Institute Level Additional Duty	NAAC Criteria
1	Prof.Hiranwale S.B.	SE	SWE	3		20		Criteria-1 Head	Criteria-1
		TE						Media	
		BE	HPC, LP-5, Project	3	8+6				
2	Dr.Nirmal S.S.	SE	DSA,AC	3+1	16	24	2)FDP 3)Expert/		Criteria-5
		TE	IS	4					
		BE							
3	Prof.Gunaware N.G.	SE				7		Training & Placements Officer	
		TE							
		BE	EL-6,LP-6	3	4				
4	Prof.Surywanshi A.P.	SE				19	1)Alumni 2)Student Associatio	College WebSite	Criteria-1
		TE	AI, LP-2	4	8				
		BE	EL-5,LP-6	3	4				
5	Prof.Bhosale S.S.	SE				24	1)E- learning (Coursera /NPTEL/V		Criteria-2
		TE	DSBDA, DSBDAL	4	16				
		BE	DL,AC	3+1					
6	Prof.Dhumal S.S.	SE	MP, MPL	3	16	19+4	1)Expert/ Guest lectures		Criteria-3
		TE							
		BE							
7	Prof.Jadhav S.S.	SE					1)Mentor 2)TPO 3)E-		Criteria-7
		TE							
		BE							
8	Prof.Kanade R.S.	SE	CoC,PBL	1	8	21	1)Time Table 2)Exam		
		TE	WT,WTL	4	8				
		BE							
9	Prof.Wani T.S.	SE	PPL,PBL	3	8	11 (9FE)	1)ERP 2)TimeTab le		Criteria-6
		TE							
		BE							



**H.S.B.P.V.T's C.O.E. KASHTI, DEPARTMENT OF COMPUTER ENGINEERING
MASTER TIME TABLE (2023 – 2024)**

Academic Year: 2023-24 W.E.F: 10 /07/2023 sem-I

Day	Class	9.00am To 10.00am	10.00am To 11.00am	11.00am To 11.15am	11.15am To 12.15pm	12.15pm To 1.15pm	1.15pm To 02.00pm	02.00 pm To 03.00pm	03.00pm To 04.00pm	04.00pm To 05.00pm
Monday	S.E.	S1-OOPL[SSD] [PL-I Lab 14-B] S2- S3-FDSL[] [PL-II Lab 14-A] S4-		B R E A K	CG [JNS]	DELD[]	B R E A	DM[Jare V]	HSS[RSK]	TEST
	T.E.	DBMS [SBH]	ESIOT [SSB]		T1-DBMSL[SBH][PL-I Lab 14-B] T2- T3-LP-I[APS] [PL-III Lab-22] T4-	CN[SSD]		TOC[JNS]	TEST	
	B.E.	BCT [APS]	STQA [SBH]		CSCF[NGG]	ML [SSB]		B1-LP-VI[APS] [PL-I Lab 14-B] B2 B3-Project Work [PL-III Lab-22] B4-	TEST	
Tuesday	S.E.	S2- DELD [] E&TC Lab S3- S4- BCS[NDB] [PL-III Lab-22] S1-		K	DM[Jare V]	OOP [RSK]	E A	FDS[]	AUDIT COURSE [RSK]	TEST
	T.E.	DBMS [SBH]	TOC [JNS]		T1- LP-I[APS] [PL-III Lab-22] T2- T3-CNL[SSD][PL-II Lab 14-A] T4-	SPOS [APS]		CN [SSD]	AUDIT COURSE[SSD]	
	B.E.	BCT [APS]	STQA [SBH]		DAA [JNS]	ML [SSB]		B1- B2-LP-III [NGG] [PL-I Lab 14-B] B3-LP-VI [PL-II Lab 14-A] [SSB] B4-	TEST	
Wednesday	S.E.	DELD[]	OOP[RSK]	DELD	DM (tutorial) [jare V]	S1- FDSL[] [PL-II Lab 14-A] S2- S3- OOPL[SSD] [PL-I Lab 14-B] S3- T1- LP-I[SSB] [PL-III Lab-22] T2- T3- DBMSL[SBH][PL-II Lab 14-B] T4- B1- LP-III [PL-I Lab 14-B] [SBH] B2\ B3-LP-VI[APS] [PL-I Lab 14-B] B4-	S1- FDSL[] [PL-III Lab -22] S2- S3- OOPL[SSD] [PL-II Lab 14-A] S4-	TEST	TEST	
	T.E.	DBMS [SBH]	TOC [JNS]	T1-CNL[SSD] [PL-II Lab 14-A] T2- T3- DBMSL[SBH][PL-I Lab 14-B] T4-	DAA [JNS]					CSCF[NGG]
	B.E.	BCT [APS]	STQA [SBH]	DAA [JNS]	CSCF[NGG]					
Thursday	S.E.	S1-DELD[] [ETC Lab] S4- S3- BCS[NDB] [PL-III Lab-22] S4-		CG[JNS]	FDS[]	S1- OOPL[PL-I Lab 14-B] S2- S3- FDSL[] S4-	SEMINAR[RSK][PL-I Lab 14-B]	SEMINAR[RSK][P L-I Lab 14-B]		
	T.E.	CN[SSD]	SPOS[APS]	ESIOT [SSB]	AUDIT COURSE [SSD]					
	B.E.	CSCF[NGG]	ML [SSB]	B1-LP-IV[PL Lab][SSB] B2- B3-LP-III[CN Lab][NGG] B4-	B1-Project Work[CN Lab] B2- B3- LP-II[PL-IV Lab -21][SBH] B4-				Audit Course	
Friday	S.E.	FDS[]	DM [Jare V]	CG [JNS]	OOP[RSK]	S1- OOPL[PL-I Lab 14-B] S2- S3- FDSL[] S4-	SEMINAR[RSK] [PL-I Lab 14-B]	SEMINAR[RSK][P L-I Lab 14-B]		
	T.E.	ESIOT[SSB]	SPOS [APS]	T1-DBMSL[SBH][PL-I Lab 14-B] T2- T3-LP-I[SSB] [PL-III Lab-22] T4-	B1/B2- Project Work[PR Lab] [PL-I Lab 14-B] B3/B4- Project Work [PL-III Lab-22]					
	B.E.	DAA [JNS]	CSCF[NGG]	B1/B2- Project Work[PR Lab] [PL-I Lab 14-B] B3/B4- Project Work [PL-III Lab-22]						

Time Table In charge
(Mrs.Kanade R.S)

HOD
(Mr. Hiranwale S.B.

PRINCIPAL
AI



H.S.B.P.V.T's C.O.E. KASHTI. DEPARTMENT OF COMPUTER ENGINEERING
MASTER TIME TABLE (2023 – 2024)

Academic Year: 2023-24 W.E.F: 10 /07/2023 sem-I

Day	Class	9.00am To 10.00am	10.00am To 11.00am	11.00am To 11.15am	11.15am To 12.15pm	12.15pm To 1.15pm	1.15pm To 02.00pm	02.00 pm To 03.00pm	03.00pm To 04.00pm	04.00pm To 05.00pm
Monday				B R E A K			B R E A			
	B.E.	BCT [APS]			T3-LP-I[APS] [PL-III Lab-22]			B1-LP-VI][APS] [PL-I Lab 14-B]		
Tuesday	S.E.									
	T.E.			T1- LP-I[APS] [PL-III Lab-22] T2- T3-CNL[SSD][PL-II Lab 14-A] T4-			SPOS [APS]			
Wednesday	B.E.	BCT [APS]								
	S.E.									
Thursday	T.E.									
	B.E.		SPOS[APS]					B3-LP-VI][APS] [PL-I Lab 14-B] B4-		
Friday	S.E.									
	T.E.		SPOS [APS]							
	B.E.									

Time Table In charge
 (Mrs.Kanade R.S)

HOD
 (Mr. Hiranwale S.B.)

PRINCIPAL
 AI

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HSBPVT'S
PARIKRAMA FACULTY OF ENGINEERING, KASHTI, DIST: A'NAGAR.
DEPARTMENT OF COMPUTER ENGINEERING

ACA – R-12

Rev : 00

Date:15.07.2023

Teaching Plan

Academic Year: 2023-24

Semester: VII

Date:

Ref: SPVP/SBPCOE/COMP/F3/01

Class: BE Subject: 410243: Blockchain Technology

Subject Teacher:Prof. Suryavanshi A.P.

Examination Scheme:

In-Sem (Paper): 30 Marks

End-Sem (Paper): 70 Marks

Lect. No	Planned Date	Topic	CO	Actual Date	Mode Of Conduct
I) Mathematical Foundation for Block chain					
1	18/7/23	Cryptography: Symmetric Key	CO1	18/7/23	C/B
2	19/7/23	Cryptography and Asymmetric Key Cryptography	CO1	19/7/23	C/B
3	19/7/23	Elliptic Curve Cryptography (ECC)	CO1	24/7/23	C/B
4.	19/7/23	Cryptographic Hash Functions: SHA256	CO1	24/7/23	C/B
5	24/7/23	Digital Signature Algorithm (DSA)	CO1	24/7/23	C/B
6	24/7/23	Merkel Trees	CO1	25/7/23	C/B
II) Feature Engineering					
7	24/7/23	History, Centralized Vs. Decentralized Systems	CO1	25/7/23	C/B
8	25/7/23	Layers of Blockchain: Application Layer	CO1	26/7/23	C/B
9	25/7/23	Execution Layer, Semantic Layer	CO1	26/7/23	C/B
10	26/7/23	Propagation Layer, Consensus Layer	CO1	26/7/23	C/B
11	31/7/23	Why is Block chain important?	CO1	31/7/23	C/B
12	31/7/23	Limitations of Centralized Systems	CO1	31/7/23	C/B
13	31/7/23	Blockchain Adoption So Far.	CO1	31/7/23	C/B
III) Blockchain Platforms and Consensus in Blockchain					
14	1/8/23	Types of Blockchain Platforms: Public, Private and Consortium	CO2	2/8/23	C/B



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DEPARTMENT OF COMPUTER ENGINEERING

15	1/8/23	Bitcoin, Ethereum, Hyperledger, IoT, Corda, R3.	C02	2/8/23	C/B
16	2/8/23	Consensus in Blockchain: Consensus Approach, Consensus Elements, Consensus Algorithms	C02	2/8/23	C/B
17	7/8/23	Proof of Work, Byzantine General problem	C02	7/8/23	C/B
18	7/8/23	Proof of Stake, Proof of Elapsed Time	C02	8/8/23	C/B
19	8/8/23	Proof of Activity, Proof of Burn.	C02	8/8/23	C/B
IV) Cryptocurrency – Bitcoin, and Token					
20	9/8/23	Introduction	C03	9/8/23	C/B
21	14/8/23	Bitcoin and the Cryptocurrency	C03	14/8/23	C/B
23	21/8/23	Cryptocurrency Usage	C03	21/8/23	C/B
24	21/8/23	Cryptowallets: Metamask, Coinbase, Binance	C03	22/8/23	C/B
25	21/8/23	Cryptowallets: Metamask, Coinbase, Binance	C03	22/8/23	C/B
V) Blockchain Ethereum Platform using Solidity					
26	22/8/23	What is Ethereum, Types of Ethereum Networks, EVM (Ethereum Virtual Machine)	C04	22/8/23	C/B
27	23/8/23	Introduction to smart contracts	C04	23/8/23	C/B
28	23/8/23	Purpose and types of Smart Contracts, Implementing	C04	28/8/23	C/B
29	28/8/23	deploying smart contracts using Solidity	C04	28/8/23	C/B
30	12/9/23	Swarm (Decentralized Storage Platform)	C04	12/9/23	C/B
31	18/9/23	Whisper (Decentralized Messaging Platform)	C04	18/9/23	C/B
VI) Blockchain Case Studies					
32	27/9/23	Prominent Blockchain Applications	C05, C06	27/9/23	C/B
33	4/10/23	Retail, Banking and Financial Services	C05, C06	4/10/23	C/B
34	10/10/23	Government Sector, Healthcare	C05, C06	11/10/23	C/B
22	18/10/23	Cryptocurrency Basics Types of Cryptocurrency	C05, C06	18/10/23	C/B
35	30/10/23	IOT	C05, C06	31/10/23	C/B
36	31/10/23	Energy and Utilities	C05, C06	31/10/23	C/B



HSBPVT's COE GOI, Kashti

Department of Computer Engineering

LABORATORY PLANNING

Subject:: Laboratory Practice III

Subject Code: 410246

Class: B.E.

Teaching Scheme:

Examination Scheme and Marks

Term work: 50 Marks

Practical: 50 Marks

Name of Faculty: Prof. Suryavanshi A.P.

Sr. No.	Name of Experiment	Batch	Date of performance Planned	Date of Completion	Remark
1	Installation of MetaMask and study spending Ether per transaction.	Batch-T1	26/7/23	26/7/23	
		Batch-T2	24/7/23	24/7/23	
2	Create your own wallet using Metamask for crypto transactions.	Batch-T1	21/8/23	21/8/23	
		Batch-T2	7/8/23	7/8/23	
3	Write a smart contract on a test network, for Bank account of a customer for following operations: <input type="checkbox"/> Deposit money <input type="checkbox"/> Withdraw Money <input type="checkbox"/> Show balance	Batch-T1	14/8/23	14/8/23	
		Batch-T2	22/8/23	22/8/23	
4	Write a program in solidity to create Student data. Use the following constructs: <input type="checkbox"/> Structures <input type="checkbox"/> Arrays <input type="checkbox"/> Fallback Deploy this as smart contract on Ethereum and Observe the transaction fee and Gas values. .	Batch-T1	28/8/23	28/8/23	
		Batch-T2	12/9/23	12/9/23	
5	Write a survey report on types of Blockchains and its real time use cases.	Batch-T1	27/9/23	27/9/23	
		Batch-T2	18/10/23	18/10/23	
6	Write a program to create a Business Network using Hyperledger	Batch-T1	31/10/23	31/10/23	
		Batch-T2	31/10/23	31/10/23	