SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2017 - 18

Name of the Faculty	:	INDIRA R. UMARJI
Contact No (Mobile)	:	9945348887
Department	:	CSE
Course Title	:	Problem Solving & Programming in C
Course Code	:	15UCSC100
Semester	:	1st
Division	:	D
Semester Duration	:	**From:** 02/08/2017 **To:** 01/12/2017

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
* 21	09/09/17	10:30 - 11:30	Programs on switch (simple examples) ⇒ Traffic signal etc. Also on Nested if/else.
22	09/09/17	11:30 - 12:30	Programs on switch continued... [Exercise programs] ⇒ Mill Cloth/ Student grades
23	13/09/17	12:30 - 1:30	Some more programs from exercises - ch1 to ch5 of Balaguruswamy; Introduction to loops.
24	14/09/17	8:00 - 9:00	Loops → their need and uses / Break & goto
25	19/09/17	9:00 - 10:00	Discussed sol^n for IA-1 & Distributed IA books
26	20/09/17	12:30 - 1:30	Discussion of programs using "goto"
27	21/09/17	8:00 - 9:00	Programs on usage of continue & break.
28	23/09/17	10:30 - 11:30	Different loops & their differences (for, while & do...while)
* 29	25/09/17	10:30 - 11:30	Simple loops programs using 'for' → sum of ⇒ even nos, odd nos, +ve nos, -ve nos, factorial
30	27/09/17	12:30 - 1:30	Loop pgms continued... → Fibonacci series LCD & GCM; Binary to Decimal
31	28/09/17	8:00 - 9:00	Programs on printing series → Exercise programs.
32	03/10/17	9:00 - 10:00	Discussion of alternating signs in a series ↳ sine, cosine, euler's formula
33	04/10/17	12:30 - 1:30	Nested loops - Introduction, examples
34	07/10/17	9:00 - 10:00	Some more examples on Loops - Programs on appl^s. on loops; Intro to Arrays - 1D vis 2D.
* 35	10/10/17	8:00 - 9:00	Introduction to arrays - 1D initial^2, declaration Read/write; simple array examples
36	10/10/17	9:00 - 10:00	~~Revision for~~ Searching & sorting using 1D arrays.
37	12/10/17	2:30 - 3:30	IA / conf. simple 2D examples (Matrix problems)
38	16/10/17	3:30 - 3:30	Discussed sol^n for IA-2 & Distributed IA books.
39	17/10/17	9:00 - 10:00	Discussion of more examples on 2D arrays.
40	21/10/17	9:00 - 10:00	Some more array programs (*) For S.I

SYLLABI COVERGAE DETAILS

	Class No	Date	Time	Topic Covered
	41	24/10/17	9.00-10.00	Introduction to Strings - Need & Comparison of arrays & strings.
	42	25/10/17	12.30-1.30	Programs to print length of a str, reversing a str; to print no. of vowels, etc.
	43	26/10/17	8.00-9.00	Programs to print reversed str, copying, concat
	44	28/10/17	9.00-10.00	String built-in functions - strlen, strrev, strcat, strcpy, strcmp, etc.
	45	30/10/17	2.30-3.30	Functions - Introduction; Need & Use of fun^{2}s; Kinds of functions.
	46	31/10/17	9.00-10.00	Fun^2 simple examples for 4 diff. kinds. (Add) & fact)
	47	2/11/17	8.00-9.00	Simple parameterised fun^{2}s for nPr & nCr, fib, fact etc.
*	48	3/11/17	2.30-3.30	Array passing in fun^{2}s (1D array) Mean, var, SD,
*	49	3/11/17	3.30-4.30	2D array passing in fun^{2}s
	50	7/11/17	9.00-10.00	Some more array passing examples
*	51	8/11/17	11.30-12.30	Solved Exercise questions on strings
	52	8/11/17	12.30-1.30	Solved Exercise questions on functions
	53	9/11/17	8.00-9.00	Introduction to files - Importance Some file op^{2}s / fun^{2}s.
	54	11/11/17	9.00-10.00	Introduction to Pointers - one simple ex to distinguish *, & & normal var
	55	14/11/17	9.00-10.00	Structures - Intro, declaration/def^2 struct var; one simple ex.
	56	15/11/17	11.30-12.30	Structure arr of objects - one example
	57	15/11/17	12.30-1.30	Structures examples continued; Bit-fields in Unions.
	58	16/11/17	8.00-9.00	Struct v/s Unions; some more programs
	59	18/11/17	11.30-12.30	Programs on fun^{2}s - revision
*	60	18/11/17	12.30-1.30	Programs on structures / ptrs - revision
		21/11/17 22/11/17 23/11/17		Revision for the end exam (solved prev. Qns)

For S.L.

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - 19

Name of the Faculty	:	Raghavendra. G.S.
Contact No (Mobile)	:	7204577887
Department	:	Computer Science
Course Title	:	Operations Research
Course Code	:	15UCSE707
Semester	:	7
Division	:	A
Semester Duration	:	**From:** 01/08/2018 **To:** 28/11/2018

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:05+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	02/08	10:30-11:30	Definitions & Various phases of OR.
02	04/08	9-10	Role of Computer in OR, Formulation of L-P
03	06/08	11:30-12:30	Problems Solving in L-P Model (Maximization)
04	16/08	10:30-11:30	Problem Solving in L-P Model (Minimization)
05	19/08	9-10	Solving problems using Graphical method
06	20/08	11:30-12:30	Problem Solving for Graphical Method.
07	23/08	9-10	Canonical & Standard form of L-P problem.
08	25/08	10:30-11:30	problems Solving related to Canonical & Standard form.
09	27/08	9-10	Simplex Method Theory & Problem Solving
* 10	30/08	10:30-11:30	Solving LP problem using Simplex Method * for Slow learners
11	6/09	10:30-11:30	Big-M Method Theory.
12	8/09	9-10	Solving problem using Big-M Method.
13	22/09	9-10	Solving problem using Big-M Method.
14	24/09	11:30-12:30	Paper distribution [IA-1].
15	24/09	12:30-1:30	Two - phase Theory.
16	27/09	10:30-11:30	Solving L-P problem using Two - Phase Theory.
17	27/09	11:30-12:30	
18	30/09	10:30-11:30	Solving LP problems Using Two Phase method
19	1/10	11:30-12:30	Introduction to Advanced L-P - Primal to Dual Transformation.
* 20	11/10	11:30-12:30	Solving L-P problem in Dual form for Slow learners

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:16+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	13/10	9-10	Dual Simplex Method.
22	15/10	11:30-12:30	Revised Simplex Method
23	16/10	10:30-11:30	Problems Solved related to Simplex Me
24	10/11	11:30-12:30	Sensitivity Analysis - Solved problem
* 25	11/11	10:30-11:30	Problems related to Sensitivity Analysis
26	13/11	9-10	Transportation Model - Introduction * for slow lear
27	13/11	10:30-11:30	Assumption, Row-Minima method,
28	17/11	9-10	North-west Corner, Column minima,
29	19/11	11:30-12:30	Vogel's Approximation, Stepping Stone, MODI
30	19/11	2:30-3:30	Assignment - Model - Introduction, formulation
31	22/11	2:30-3:30	Comparison with other Model,
32	22/11	3:30-4.30	} Hungarian method & problem
33	24/11	9-10	Solving. * for slow learners.
34			
35			
36			
37			
38			
39			
40			

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - 19

Name of the Faculty	:	Aijaz A. Qazi
Contact No (Mobile)	:	9886664506
Department	:	CSE
Course Title	:	Engineering Management, Entrepreneurship & Intellectual Prop. rights
Course Code	:	15UCSC700
Semester	:	VII
Division	:	'B'
Semester Duration	:	**From:** 1-08-2018 **To:** 30-11-2018

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:17+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	3/8/18	12.30 to 1.30	Introduction to the Course + Lesson Plan + CTA.
02	6/8/18	12.30 to 1.30	Management + Administration
03	7/8/18	3.30 to 4.30	Management Approaches
04	8/8/18	3.30 to 4.30	Planning (Objectives + Importance)
05	10/8/18	12.30 to 1.30	Types of Plan
06	13/8/18	12.30 to 1.30	Decision making Process
07	17/8/18	12.30 to 1.30	Steps in Planning
08	20/8/18	12.30 to 1.30	Organizing + Purpose of Organization
09	21/8/18	3.30 to 4.30	Principles + Types of Organization
10	27/8/18	12.30 to 1.30	Line & staff Organization
11	31/8/18	12.30 to 1.30	Departmentation + Committees
12	3/9/18	12.30 to 1.30	Centralization Vs Decentralization
13	4/9/18	3.30 to 4.30	Management by Objectives & Exceptions [MBE + MBO
14	7/9/18	12.30 to 1.30	Committees + Delegation + Authority & Power
15	12/9/18	12.30 to 1.30	Leadership Styles + Motivation Theories.
16		3.30 to 4.30	
17	14/9/18	11.30 to 12.30.	Communication + Coverage for slow learners
18	24/9/18	12.30 to 1.30	Coordination + Objectives of Direction
19	25/9/18	3.30 to 4.30	Entrepreneurship + Characteristics + Types.
20	26/9/18	3.30 to 4.30	Evolution + Development.

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	28/9/18	12.30 to 1.30	Stages in Entrepreneurship. + topic for slow learners.
22	01/10/18	11.30 to 1.30	Role in Economic development + Barriers.
23			
24	3/10/18	3.30 to 4.30	Small Scale Industrys + objectives + topic for slow learners
25	9/10/18	3.30 to 4.30	Govt. policies towards SSI
26	10/10/18	2.30 to 3.30	WTO + GATT + Liberalization & Globalization.
27	12/10/18	12.30 to 1.30	Ancillary Industry & Tiny Industry
28	15/10/18	12.30 to 1.30	Supporting agencies of Govt. for SSI.
29	16/10/18	3.30 to 4.30	Institutional support to SSI
30	17/10/18	3.30 to 4.30	SSIDC + SSIB + IFCI
31	22/10/18	12.30 to 1.30	DIC + TCO + SIDO
32	23/10/18	3.30 to 4.30	ICICI + NSIC + IDBI
33	26/10/18	12.30 to 1.30	Preparation of project + aspects
34	31/10/18	3.30 to 4.30	Need & Significance of Project report.
35	2/11/18	12.30 to 130	Case Studies [Entrepreneurship]
36	9/11/18	12.30 to 1.30	Project Identification + formulation + Feasibility study
37	12/11/18	12.30 to 1.30	Intellectual property Rights
38	13/11/18	3.30 to 4.30	IPR forms + Conventions + Infringements
39	14/11/18	3 to 4.45	Copyright.
40			

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:17+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	16-11-18	12.30 to 1.30	Patents + Coverage for slow learners.
42	19-11-18	12.30 to 1.30	Patentable v/s Non-Patentable Inventions
43	20-11-18	12.30 to 1.30	TradeMarks
44	23-11-18	11.30 to 12.30	Industrial Designs + Geographical Indications
45	24-11-18	12.30 to 1.30	Discussion. + topics for slow learners
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:17+05:30

DEPARTMENT OF COMP. SC. & ENGG. ★ DHARWAD ★ SDMCET

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - 19

Name of the Faculty	:	Sandhya S.U.
Contact No (Mobile)	:	9886421455
Department	:	CSE
Course Title	:	Data Communication
Course Code	:	15UCSC500
Semester	:	5th
Division	:	B
Semester Duration	:	**From:** 27-07-2018 **To:** 30-11-2018

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:17+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

ss No	Date	Time	Topic Covered
21	12-9-18	9.00-10.00	QAM contd... Quiz 1
22	15-9-18	11.30-12.30	Problems Solved SL
23	01-10-18	9.00-10.00	Seminar on Twisted pair cable, Optical fibre ER, coaxial cable.
24	05-10-18	9.00-10.00	Error correction & detection
25	09-10-18	10.30-11.30	CRC, checksum
26	10-10-18	9.00-10.00	CRC contd...
27	13-10-18	11.30-12.30	Hamming code
28	15-10-18	9.00-10.00	Circuit Switching Introd"
29	17-10-18	11.30-12.30	SONET
30	17-10-18	12.30-1.30	SONET contd...
31	27-10-18	10.30-11.30	Circuit Switches
32	29-10-18	9.00-10.00	Switches contd..
33	30-10-18	10.30-11.30	UPLSR, BLSR
34	31-10-18	9.00-10.00	Introd" to Peer protocols
35	02-11-18	11.30-12.30	IA-2 paper solved Peer protocol contd SL
36	03-11-18	12.30-1.30	Introd" to ARQ Stop & wait
37	11-11-18	11.30-12.30	Stop & wait contd... GBN
38	12-11-18	9.00-10.00	GoBack-N
39	13-11-18	10.30-11.30	Performance issues
40	14-11-18	9.00-10.00	Selective Repeat ARQ

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:18+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	15-11-18	2:30-3:30	flow / error control, Introd^n to stuffing
42	15-11-18	3:30-4:30	Character oriented, Bit Stuffing
43	19-11-18	11:30-12:30	Byte Stuffing, PPP, HDLC
44	20-11-18	10:30-11:30	HDLC contd.., Introd^n to MAC
45	24-11-18	11:30-12:30	CSMA/CA, CSMA/CD
46	27-11-18	10:30-11:30	Controlled Access
47	27-11-18	12:30-1:30	Quiz 2
* 48	28-11-18	10:30-11:30	QP Solved Quiz2 Solved SL extra problems Solved
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:18+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - - -

Name of the Faculty	:	Sandhya S.U.
Contact No (Mobile)	:	9886421455
Department	:	Computer Science & Engineering
Course Title	:	Computer Networks
Course Code	:	15UCSC600
Semester	:	06
Division	:	B
Semester Duration	:	From: 16-01-2018 To: 12-05-2018

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:18+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	18-1-18	9.00-10.00	Network Services & Internal N/w operation
02	19-1-18	8.00-9.00	Packet Network topology
03	20-1-18	11.30-12.30	Datagrams & virtual circuits
04	29-1-18	11.30-12.30	VC pkt switching contd...
05	30-1-18	8.00-9.00	Structure of packet switch, Routing tables Routing classification
06	01-02-18	9.00-10.00	VCI, construction of Routing table for VC's
07	05-2-18	10.30-11.30	Routing table contd...
08	06-2-18	8.00-9.00	Specialized Routing
09	07-2-18	2.30-3.30	Bellmanford contd... Dijkstra Algm
10	07-2-18	3.30-4.30	Link state Routing contd...
11	08-2-18	9.00-10.00	ATM Networks
12	10-2-18	11.30-12.30	problems on Routing algm
13	10-2-18	12.30-1.30	contd... problems. Introd" to traffic SL management
14	12-2-18	10.30-11.30	FIFO traffic management
15	15-2-18	9.00-10.00	Weighted Fair Queuing
16	17-2-18	10.30-11.30	WFQ contd...
17	20-2-18	8.00-9.00	Revision on Routing protocols & problems Solved
18	24-2-18	11.30-12.30	Leaky bucket Algorithm
19	26-2-18	10.30-11.30	Leaky bucket shaper & Token Bucket shaper
20	27-2-18	8.00-9.00	Flow aggregate level

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	01-03-18	9.00-10.00	Problems on Bellman ford. Problems on leaky bucket S.L
22	05-03-18	10.30-11.30	Introd^n to TCP/IP architecture
23	06-03-18	8.00-9.00	IP header Introd^n to IP addressing
24	08-03-18	9.00-10.00	IP header format
25	12-3-18	10.30-11.30	Subnetting introduction
26	15-3-18	9.00-10.00	ARP & RARP
27	20-3-18	8.00-9.00	Fragmentation & Reassembly; problems ICMP
28	21-3-18	2.20-3.30	Subnetting problems
29	21-3-18	3.30-4.30	Supernetting problems
30	22-3-18	9.00-10.00	UDP
31	24-3-18	11.30-12.30	TCP/IP
32	26-3-18	10.30-11.30	Internet Routing protocols
33	27-3-18	8.00-9.00	TCP congestion control algm.
34	28-3-18	9.00-10.00	contd...
35	30-3-18	10.30-11.30	holiday (Good Friday)
36	05-4-18	9.00-10.00	Introduction to Autonomous system
37	07-4-18	11.30-12.30	DHCP, NAT
38	09-4-18	10.30-11.30	Mobile IP
39	10-4-18	8.00-9.00	OSPF, RIP
40	12-4-18	9.00-10.00	OSPF contd...

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

U-3 U-4 U-5 U-6

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	23-4-18	10.30-11.30	ATM introd^n
42	24-4-18	8.00-9.00	ATM contd...
43	25-4-18	2.30-3.30	ATM's contd...
44	25-4-18	3.30-4.30	ATM Signalling
45	25-4-18	9.00-10.00	VPN
46	28-4-18	11.30-12.30	MPLS
47	30-4-18	10.30-11.30	Security overview
48	03-5-18	9.00-10.00	Security contd... DES
49	08-5-18	8.00-9.00	Wireless Adhoc
50	08-5-18	9.00-10.00	Routing protocols AODV, DSR & SDV
* 51	10-5-18	9.00-10.00	RSA algm with problems more problems for SL
52			
53			
54			
55			
56			
57			
58			
59			
60			

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - 19

Name of the Faculty	:	Nita. K.
Contact No (Mobile)	:	9900221342
Department	:	CSE
Course Title	:	Digital Electronics
Course Code	:	15UCSC300
Semester	:	III
Division	:	A
Semester Duration	:	**From:** 01/08/2018 **To:** 30/11/2018

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08
15:18+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	01/8/18	11.30 – 12.30	About subject, why should we learn, Pre-requisites, Lesson Plan, CO's, Evaluation of CIA.
02	02/8/18	9 – 10	Complete working of a computer and importance of the subject.
03	03/8/18	12.30 – 1.30	(ch-01) Definitions of Digital signals, Digital waveforms, Digital logic.
04	04/8/18	10.30 – 11.30	7400 series, Basic gates, Universal gates, Positive & Negative logic
05	06/8/18	9 – 10	(Lab) Verification of Basic Gates, Implementation of Universal gates, usuage of Trainerkits
06	06/8/18	2.30 – 3.30	Implementation of NAND only & NOR only CKts. Boolean Laws & theorems.
07	06/8/18	3.30 – 4.30	Types of Boolean expressions: SOP & POS incompletely & completely specified expressions
08	07/8/18	10.30 – 12.30	Minterm & Maxterm representation converting one form to another.
09	07/8/18	11.30 – 12.30	Writing Boolean expression for real time applns Ch-4 Charles Roth.
* 10	11/8/18	10.30 – 11.30	contd: Exs from John Yarborough & Roth. (for Slow learners)
11	16/8/18	9 – 10	(ch-2) Simplification of Boolean exp. using Boolean Laws. Ex. charles Roth ch-2,3
12	17/8/18	12.30 – 1.30	(Lab) Design of HA, FA, HS, FS and implementation in Lab.
13	18/8/18	10.30 – 11.30	Simplification of Boolean Exp. using K-maps. Ex: 1 2 & 3-variable K-ma
14	19/8/18	9 – 10	Real time Exs on 2 & 3-variable 4-variable K-map & grouping.
15	23/8/18	9 – 10	Ex:s on K-maps. BCD, Binary. Non-weighted codes: Gray & Ex-3.
* 16	24/8/18	12.30 – 1.30	(Lab) Code converters :- BCD ⇌ Ex-3 [Slow Learn Binary ⇌ Gray. K-map usuage
17	25/8/18	10.30 – 11.30	(Lab) K-maps with 'X' & its importance. Design of Magnitude comparator.
18	29/8/18	9 – 10	Simplification of Boolean Exp. using Quine McCluskey method.
19	29/8/18	10.30 – 11.30	Ex:- Quine McCluskey method without 'X'.
20	30/8/18	9 – 10	Quine McCluskey with X.

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:19+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
* 21	31/8/18	12.30 – 1.30	Ex:- s Real time applns : Assignme [for slow learners]
22	1/9/18	10.30 – 11.30	[Ch-3] Multiplexer : internal block diagr 4:1 & 8:1.
23	5/9/18	11.30 – 12.30	MUX Tree Design : 8:1 using 2:1 & 4:1 32:1 & 16:1 using 4:1 MUX.
24	6/9/18	9 – 10	[Lab] Implementation of boolean exp: FA, FS
25	7/9/18	12.30 – 1.30	Demux : internal diagram, Tree & Boolean Exp. Implementation.
26	8/9/18	10.30 – 11.30	Decoder : internal block diagram; workin with active low & active high enable.
27	12/9/18	11.30 – 12.30	Implementing Boolean exp. using decoder
28	15/9/18	10.30 – 11.30	[Lab] Testing 74138, Decoder Tree design
* 29	22/9/18	10.30 – 11.30	IA – 1 Soln & student Queries. for slow learners
30	27/9/18	9 – 10	Priority Encoder 2:4 & 3:8 design
31	28/9/18	10.30 – 11.30	PLD's concept, Applns, notations PROM → Implementation of Boolean
32	29/9/18	10.30 – 11.30	PLA : & PAL Boolean exp. implement
33	6/10/18	10.30 – 11.30	PAL Exs. [Ch-4] clock waveforms, TTL clock
34	10/10/18	11.30 – 12.30	Op-amp as comparator, schmitt trigge ckts.
35	11/10/18	9 – 10	Bi-stable element working; working of SR Latch using NOR
36	12/10/18	11.30 – 12.30	Gated D F/F, Clocked BR, D, T F/F.
37	15/10/18	9 – 10.	clocked JK F/F, Master-slave JK F/F characteristic eqns of all F/F's.
38	17/10/18	10.30 – 12.30	[Lab] Asynchronous counter design using Decade counter IC (7490)
39	27/10/18	10.30 – 11.30	Design of Synchronous counter ~~design~~ using JK F/F (up, down & random
40	31/10/18	11.30 – 12.30	Design of synchronous counter using T F/F, D F/F (up, down, random

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:19+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	2/11/18	12.30 – 01.30	Ch-6 Synchronous counter design practice Registers: SIPO, PISO, Universal shift reg. & Applns
42	9/11/18	10.30 – 11.30	MUX, MUX Tree and expression implementation for Diploma Students.
43	10/11/18	10.30 – 11.30.	Ch-7 Design of Synchronous Sequential ckts. Sequence detector : Moore model.
44	14/11/18	10.30 – 11.30	Synchronous Sequential ckt: Sequence detector : Mealy model.
45	14/11/18	11.30 – 12.30.	Asynchronous sequential ckt. Ex.
46	15/11/18	9 – 10.	Algorithm, state machine ex: Vending machine.
47	17/11/18	10.30 – 11.30.	Ch-8 D/A converter; variable resistor n/w's Binary ladders, Binary weighted type D/A.
48	22/11/18	9 – 10.20	R-2R D/A, accuracy & resolution.
49	23/11/18	12.30 – 1.30.	A/D converter; Successive approx method. counter method, resolution & accurracy
* 50	24/11/18	10.30 – 11.30	Problems: D/A & A/D converters. for Slow learners
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:19+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SSV C

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - 19

Name of the Faculty	:	Prof. Sandhya S. U.
Contact No (Mobile)	:	9886421455
Department	:	CSE
Course Title	:	Data Communication
Course Code	:	15UCSC500
Semester	:	5th
Division	:	A
Semester Duration	:	**From:** 27-07-2018 **To:** 30-11-2018

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:19+05:30

SYLLABI COVERGAE DETAILS

	Class No	Date	Time	Topic Covered
U-1	01	02-8-18	9.00-10.00	Evolution of n/w architecture & services
	02	03-8-18	11.30-12.30	message switching, circuit & packet switching
U-2	03	04-8-18	9.00-10.00	HTTP, DNS & SMTP
	04	08-8-18	8.00-9.00	TCP, UDP services, OSI reference model introd^n
	05	09-8-18	9.00-10.00	OSI model contd... TCP/IP architecture contd...
	06	10-8-18	11.30-12.30	TCP/IP: How layers work together?
	07	11-8-18	9.00-10.00	Protocol overview
	08	16-8-18	9.00-10.00	TCP IP utilities
	09	18-8-18	9.00-10.00	Sockets
U-3	10	19-8-18	9.00-10.00	Introd^n to chap 03
	11	21-8-18	8.00-9.00	Digital representation, digitization of analog signals
	12	25-8-18	9.00-10.00	Digital representation of analog signals
	13	29-8-18	8.00-9.00	digital trans^n of analog signals
	14	30-8-18	9.00-10.00	characterization: Frequency domain Time domain
	*15	31-8-18	11.30-12.30	problems solved (SL)
	*16	31-8-18	12.30-1.30	problems contd.... (Slow learners)
	17	04-9-18	8.00-9.00	line coding
	18	06-9-18	9.00-10.00	line coding contd...
	19	08-9-18	9.00-10.00	Modulation scheme
	20	12-9-18	8.00-9.00	QAM, BPM

DEPARTMENT OF COMP. SC. & ENGG. SDMCET DHARWAD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:20+05:30

SYLLABI COVERGAE DETAILS

ass lo	Date	Time	Topic Covered
1	14-8-18	11.30-12.30	problems solved of exercise (SL)
2	15-8-18	9.00-10.00	conducted Quiz-I
3	17-8-18	8.00-9.00	DC-QA-1 QP Solved
4	20-8-18	9.00-10.00	seminar by students on twisted pair cable, IR, coaxial cable
5	04-10-18	9.00-10.00	Error correction & detection introd^{n}
6	05-10-18	11.30-12.30	Error correction
7	05-10-18	12.30-1.30	Error Detection Internet checksum
8	09-10-18	8.00-9.00	CRC problems solved (Slow learners)
9	11-10-18	9.00-11.00	Hamming code
10	16-10-18	8.00-9.00	Introd^{n} to circuit switching
11	17-10-18 27-10-18	9.00-10.00 9.00-10.00	SONET Telephone Network.
12	30-10-18	8.00-9.00	Circuit Switches
13	02-10-18	11.30-12.30	Switches Non-blocking
14	02-11-18	12.30-1.30	UPLSR, BLSR
15	03-11-18	9.00-10.00	Problems on switches (SL)
16	09-11-18	10.30-12.30	Introd^{n} to ARQ ie Peer to peer protocols
17	10-11-18	9.00-10.00	Stop & wait ARQ
18	11-11-18	9.00-10.00	performance issues of SW. Introd^{n} to GBN
19	13-11-18	8.00-9.00	GBN Goback-N contd..
20	14-11-18	10.30-11.30	Selective Repeat ARQ comparision of 3 ARQ

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:20+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - 19

Name of the Faculty	:	Dr. Raghavendra. G.S.
Contact No (Mobile)	:	7204577887
Department	:	Computer Science
Course Title	:	Data Warehousing & Mining.
Course Code	:	15UCSE803
Semester	:	VIII
Division	:	B
Semester Duration	:	**From:** 11●/01/19 **To:** 03/05/19

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:20+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	12/1/19	11:30-12:30	What is data Mining, Definition, Comparison of DBMS & Data Mining.
02	16/1	11:30-12:30	Motivatens Challenges, Origins of DM, Data Mining tasks,
03	18/1	10:30-11:30	Application of DM, DM process, Types of data, attributes, data types
04	19/1	11:30-12:30	Data Quality, Measurement & Data Collection issues, application issues
* 05	23/1	11:30-12:30	Data preprocessing, proximity measures Problem Solving in proximity measure for Slow lea
06	24/1	10:30-12:30	Issues in proximity Calculation, Selecting the right proximity measure
07	26/1	11:30-12:30	Data Warehouse, Multidimensional Data Mod
08	30/1	11:30-12:30	Data Warehousing Architecture
09	31/1	10:30-12:30	Data Warehouse Implementation,
10	6/2	10:30-11:30	Data Cube Computation, Data Generalization
11	9/2	11:30-12:30	What is an association rule
12	13/2	10:30-11:30	Meathods to discover association rules
13	14/2	11:30-12:30	Apriori algorithm, Partition algorithm.
14	16/2	11:30-12:30	Dynamic Itemset Counting algorithm.
* 15	27/2	10:30-11:30	FP tree growth algorithm. Problem Solv in FP Algo for
16	28/2	10:30-11:30	Discussion on different algorithms. Slow lea
17	3/3	11:30-12:30	Preliminaries, General approach to solving a classification problem
18	4/3	11:30-12:30	Decision tree induction, Model overfitting
19	6/3	10:30-11:30	Evaluation of the performance of a Classifier
20	9/3	11:30-12:30	Comparison of Classifiers

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:20+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	14/3	11:30-12:30	Rule based classification.
* 22	16/3	11:30-12:30	Nearest Neighbor Classifier, * Problem Sol in NN Cla for Slow lear
23	20/3	10:30-11:30	Introduction, Types of clustering
24	21/3	11:30-12:30	Types of clustering continued
25	23/3	11:30-12:30	A Categorization of Major Clustering method
* 26	27/3	10:30-11:30	Partitioning Methods, K-means Proble Solving for Slow lea
27	28/3	11:30-12:30	Hierarchical Methods
28	29/3	11:30-12:30	Density - Based Methods
29	30/3	10:30-11:30	Grid - Based Methods
30	4/4	10:30-11:30	Model - Based Clustering.
31	6/4	11:30-12:30	Current - trends in Data Mining.
32	10/4	11:30-12:30	Current - trends in Machine Learning.
33	11/4	10:30-11:30	Youtube videos related to current trends.
34			
35			
36			
37			
38			
39			
40			

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:20+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - 19

Name of the Faculty	:	Raghavendra. G.S.
Contact No (Mobile)	:	7204577887
Department	:	Computer Science
Course Title	:	OOPS with Java
Course Code	:	15UCSE402
Semester	:	IV
Division	:	A
Semester Duration	:	**From:** 11/01/19 **To:** 03/05/19

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:20+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	16/1	2:30-3:30	Evolution of Java, Java influence on Internet, Java Virtual Machine
02	18/1	11:30-12:30	Characteristic features of Java, Some History
03	23/1	2:30-3:30	Program Paradigms, Abstraction, Encapsulation Inheritence.
04	24/1	11:30-12:30	Polymorphism, Problem Solving, Objects Classes, Identifiers, Comments
05	25/1	11:30-12:30	print method, String Concatenation Escape Sequence, Variables, Constants
06	29/1	11:30-12:30	Control Statements, Counter-Controlled Repetition, break & Continue Statement.
07	30/1	2:30-3:30	Class - Fundamentals, program, Declaring objects Instance data, object references
08	1/2	11:30-12:30	Garbage Collection, Data Scope, methods Return Parameters, Constructors
09	4/2	11:30-12:30	parameterized Constructors, program example this, finalize(), Stack program example
10	5/2	9:00-10:00	method overloading, passing objects as parameters, Argument passing, Returning objects
11	8/2	11:30-12:30	Access Control, program demo, Stack program Static, Static Demo, program Demo.
12	11/2	9:00-10:00	Array, Nested class, Nested class Demo- Exploring String class, String methods
* 13	13/2	2:30-3:30	* program Demo, inheritence introduction, * for forms of inheritence, Super, Super Example Slow learn
* 14	14/2	11:30-12:30	Multiple inheritence, Hierarchy, Constructor method overriding. Inheritence Example Slow learn
15	16/2	11:30-12:30	Dynamic method dispatch, Abstract class using final with class & method, program Demo
16	18/2	9-10	Introduction to packages, package program Demo protected Modifier,
17	21/2	9-10	Access protection, Program Demo, Importing packages, Examples of imports
18	1/3	11:30-12:30	Interface, Defining, Implementing interface accessing implements Through interface
19	1/3	2:30-3:30	partial implementation Nested interface Demos, variable in interfaces, inheritence.
20	5/3	11:30-12:30	Introduction to Exception handling, program Demo, Exception class hierarchy

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:20+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
* 21	6/3	2:30-3:30	Throwable class, try & Catch Statement finally clause, program Demo for Slow learners
22	8/3	11:30-12:30	multiple Catch Statements, Nested try Statements, Throw, throws
23	11/3	9-10	program Demo, Checked Exception Unchecked Exception, Defining own Exception
24	12/3	11:30-12:30	Introduction to multithreading, Why multithreading,
25	13/3	2:30-3:30	Application of multithreading, A single thread program,
26	15/3	11:30-12:30	How thread works, Creating thread using Thread class program Demo
27	16/3	9-10	Thread methods, life cycle of Thread
28	18/3	11:30-12:30	Thread Creation using Runnable Interface Main thread, Characteristic features
29	19/3	2:30-3:30	Introduction to Synchronization, Synchronization pgm demo
* 30	20/3	11:30-12:30	Program Practice Session for Slow learners
31	20/3	2:30-3:30	Producer-Consumer pgm demonstration.
32	26/3	11:30-12:30	Introduction to AWT, Creating GUI, Frames, class & Methods,
33	27/3	2:30-3:30	Creating Frames, program examples Adding Components to frame, program examples
* 34	29/3	11:30-12:30	Event listners, Events, Layout, Slow Layout Managers, Program Demo for learners
35	5/4	11:30-12:30	preferred sizes, Panels, Checkboxes, Checkbox groups, Choice menus
36	8/4	9-10	Labels, Lists, Scroll bars, Text areas Text fields.
37	9/4	2:30-3:30	Strings - Introduction, Methods, Arrays of Strings, pgm examples
38	10/4	11:30-12:30	Event handling - Introduction, Event delegation model, Event handling
39	12/4	11:30-12:30	Java Events, Source of Event, Event listners, program example
40	15/4	9-10	Inner class, program example, Attaching listners to Components

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:21+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2019 - 20

[odd sem]

Name of the Faculty	:	Nita. Kakhandaki
Contact No (Mobile)	:	9900221342
Department	:	CSE
Course Title	:	Computer Organisation & Architecture
Course Code	:	18UCSC304
Semester	:	III
Division	:	B
Semester Duration	:	**From:** 01/08/19 **To:** 30/11/19.

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:21+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
* 21	23/9/19	9-10	Integer Division: Restoring Ex's solving for slow learness
* 22	25/9/19	12-30 - 1.30	Non-Restoring division Ex's solving for slow learness.
23	27/9/19	10:30 - 11:30	Floating point nos & operations
24	30/9/19	9-10.	FLP representation: single & Double precision
* 25	* 4/10/19	8-9.	8086 Processor Presentation by. CTA Students
26	4/10/19	10.30 - 11.30	8086 contd 8259 Interrupt controller, CTA 8253 Timer
* 27	11/10/19	8-9	Problems on Restoring & Non-restoring division: students had doubts (Slow learness)
28	11/10/19	10.30 - 11.30	8087 Numeric Processor, 8086 Bus Arbritation CTA 8086 I/o ports, interfacing;
29	11/10/19	2.30 - 3.30	CTA 8086: segmentation, stack.
30	12/10/19	8-9	Doubts in Signed Multiplication: Booth's & Bit-pair recoding CTA 80286 → Features.
31	12/10/19	12.30 - 1.30	80286 Pin diagram, Architecture, CTA Protected/Real mode, Interrupts.
32	14/10/19	9-10	Doubts in IEEE Addition/subtraction; CTA 80286 Memory management, Virtual memory.
33	18/10/19	10.30 - 11.30	Ch-05 Some fundamental concepts, execution of complete instr.
* 34	19/10/19	8-9.	CTA Revision of Design of Fast Adders & Stack operations for slow learness
* 35	21/10/19	8-9	CTA 4-bit CLA and delay calculations Revision for slow learness
* 36	21/10/19	9-10.	CTA Revision for Division & FLP ex-s for slow learness
37	22/10/19	8-9.	Single bus organisation, Instr Exs. Multiple bus organisation
38	4/11/19	9-10.15	Multiple bus organisation. Instr Exs. Hardwired control & Microprogrammed control.
39	13/11/19	2.30 - 3.30	Pipelining need, 4-stage pipelining Basic concepts of pipelining.
40	13/11/19	3.30 - 4.30	Embedded systems, Ex-s, Simple Microcontrollers

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - 19

Name of the Faculty	:	Nita · Kakhandaki
Contact No (Mobile)	:	9900221342
Department	:	CSE
Course Title	:	Microcontroller
Course Code	:	15UCSC400
Semester	:	IV
Division	:	A
Semester Duration	:	**From:** 11/1/19 **To:** 3/5/19

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	11/1/19	12.30 – 1.30	Not many students. General discussion on block diagram of Computer & its working
02	16/1/19	3.30 – 5.00	Syllabus, Text book, Lesson Plan, IA portion, CTA evaluation.
03	17/1/19	10.30 – 11.30	Number Systems: Hex, binary, BCD +, −, negative numbers representation
04	18/1/19	12.30 – 1.30	Inside a computer, Internal working of computer.
05	24/1/19	10.30 – 11.30	Microcontrollers & embedded processors overview of 8051 family
06	25/1/19	12.30 – 1.30	Inside 8051, structure of 8051 ALP Pgms: 8-bit add, sub, mul, div
07	28/1/19	2.30 – 3.30	Assembling & running 8051 program. Program Counter & ROM space
08	30/1/19	12.30 – 1.30	Data types & directives, PSW register. Ex:-
09	1/2/19	10.30 – 11.30	Register Bank & Stack. Exs
10	2/2/19	8 – 9	ACALL & LCALL Ex:S.
11	4/2/19	2.30 – 3.30	Loop & Jump instrs Exs. loop with loop.
12	6/2/19	12.30 – 1.30	Time delay generation (ALP instrs) Exs
13	8/2/19	10.30 – 11.30	8051 Pin diagram.
14	9/2/19	8 – 9	I/o bit manipulation Exs
15	11/2/19	2.30 – 3.30	8051 addressing modes: reg, immediate direct & indirect mem. Exs
16	13/2/19	12.30 – 1.30	Indexed addressing mode. Exs
17	15/2/19	10.30 – 11.30	Bit addressable area for I/o & RAM
18	16/2/19	8 – 9	Arithmetic instrs, signed no concept.
* 19	18/2/19	3.30 – 4.30	Class Test-1 & Doubts before IA-1. for Slower Learners.
20	23/2/19	8 – 9.	signed number & arithmetic operations logical operations Ex:

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:21+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	25/2/19	2·30 – 3·30	Compare, rotate instr Ex.s.
22	28/2/19	11·30 – 12·30.	Ex.s BCD, ASCII, DEC conversion. checksum byte Ex.
* 23	1/3/19.	10·30 – 11·30	IA-1 solv. & doubts clearing. Stack concept revision (Slow Learners)
24	2/3/19	8 – 9	8051 Programming in C: Data types Ex:s: why embedded C, Time delay.
25	8/3/19	10·30 – 11·30	I/o programing Ex:s.
26	9/3/19	8 – 9.	Logical operations, Bit-wise operators Ex:s.
27	11/3/19	3·30 – 5.00	Data conversions in 8051C.
28	13/3/19.	12·30 – 1·30	Ex: checksum byte; Accessing code ROM space in 8051C.
29	15/3/19	11·30 – 12·30	Timers in 8051: Programming TMOD, TH, TL configuration
30	16/3/19	8 – 9	Programs with Timers.
31	18/3/19	2·30 – 3.30	Programs with counter Ex.s Embedded C programming
32	20/3/19	12·30 – 1·30	Basics of serial comm SCON, TMOD, TH1, Baud rate.
33	27/3/19	12·30 – 1·30	8051 connection to RS232
34	29/3/19	11·30 – 12·30	8051 serial port programming in Assembly. SCON, TMOD, TH1
35	30/3/19	8 – 9	serial ALP Ex.s.
* 36	5/4/19	11·30 – 12·30	Serial comm Ex.s in C. (for Slow Learners)
37	8/4/19	2·30 – 3.30	8051: Interrupts Vs Polling Interrupt execution steps.
38	8/4/19	3·30 – 4.30	Programming Timer interrupts Ex.s ALP.
39	10/4/19	12·30 – 1·30	Programming external hardware Ex.s interrupts ALP.
40	12/4/19	11·30 – 12·30	Programming serial comm interrupt Ex.s

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:21+05:30

S.D.M.C.E.T. DHARWAD * DEPARTMENT OF COMP. SC. & ENGG. *

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	13/4/19	8-9.	Interrupt programming in C.
42	15/4/19	2.30-3.30	DC motor and stepper motor interfacing.
43	17/4/19	12.30-1.30	LCD interfacing
44	18/4/19	9-10	LED and BCD Decoder interfacing
* 45	18/4/19	10.30-11.30	Doubts and Problem solving for SL
46	22/4/19	2.30-3.30	Lab: interfacing programs DC motor & stepper motor
47	24/4/19	12.30-1.30	Lab; LCD interfacing programs.
48	26/4/19	11.30-12.30	Lab: LED & BCD decoder programs
* 49	27/4/19	8-9.	Doubts & QP pattern discussion for Slow Learners.
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:22+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - 19

Name of the Faculty	:	Prof. Rashmi Athavikar
Contact No (Mobile)	:	9441534123
Department	:	Computer Science and Engineering
Course Title	:	Problem Solving and Programming in C
Course Code	:	18UCSC200
Semester	:	II
Division	:	I
Semester Duration	:	From: 11-01-2019 To: 03-05-2019

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

SYLLABI COVERGAE DETAILS

o	Date	Time	Topic Covered
01	12/01/19	11.30 - 12.30	Basic introduction
02	14/01/19	10.30 - 11.30	Started with Algorithms.
03	17/01/19	9 - 10	Algorithms Continued Introduction to flow charts
04	19/01/19	11.30 - 12.30	Solved Examples on Algorithms and flow charts
05	24/01/19	9 - 10	character set, C tokens introduction.
06	28/01/19	10.30 - 11.30	Explained keywords identifiers and constants
07	29/01/19	8 - 9	variable declaration.
08	31/01/19	9 - 10	variable declaration with example printf() and scanf() usage
09	02/02/19	11.30 - 12.30	Sample programs involving printf and scanf()
10	04/02/19	10.30 - 11.30	operators — Relational operators logical operators
11	05/02/19	8 - 9	Arithmetic Operators Bitwise operator, increment decrement operator
12	07/02/19	9 - 10	Sizeof(), Comma operator Conditional operator
13	11/02/19	9 - 10	Explicit and implicit typecasting
14	11/02/19	10.30 - 11.30	Decision making and branching if-else - Simple if
15	12/02/19	8 - 9	nested if else programs.
16	14/02/19	9 - 10	Explained Else if ladder with an Example
17	16/02/19	11.30 - 12.30	Switch statement explained.
18	18/02/19	9 - 10 10.30 - 11.30	programs using switch statement
19	19/02/19 ✱	8 - 9 ✱	Revision for IA1, (Revision for slow learners)
20	23/02/19	11.30 - 12.30	Discussed IA1 scheme of Evaluation solution for IA1 Q.P.

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2019 - 20

Name of the Faculty	:	Prof. Yashodha. A. Sambrani
Contact No (Mobile)	:	8867749578
Department	:	Computer Science & Engineering
Course Title	:	Operations Research
Course Code	:	15UCSE707
Semester	:	7th
Division	:	A
Semester Duration	:	From: 12/08/2019 To: 30/11/2019

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

DEPARTMENT OF COMP. SC. & ENG. SDMCET, DHARWAD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:22+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	13/08/2019	2:30 to 3:30PM	Introduction OBE, CO to PO Mapping
02	14/08/2019	11:30 to 12:30	Introduction to OR, Definitions Various phases of OR
03	16/08/2019	11:30 to 12:30	Phases of OR continued, Formulating a problem as a mathematical model
04	21/08/2019	11:30 to 12:30	LPP formulation Continued.....
05	23/08/2019	11:30 to 12:30	Problems on Minimization
06	27/08/2019	2:30 to 3:30	Problems on Maximization.
07	28/08/19	11:30 to 12:30	problems on LPP Continued.....
08	30/08/19	10:30 to 11:30	Solving LP using Graphical method
09	30/08/19	11:30 to 12:30	Graphical Method Continued.....
10	04/09/19	11:30 to 12:30	Canonical and standard form of LP problem
11	06/09/19	10:30 to 11:30	Converting general LPP to standard form
12	06/09/19	11:30 to 12:30	Simplex Method Introduction
13	11/09/19	11:30 to 12:30	Simplex Method Maximization
14	13/09/19	11:30 to 12:30	Simplex method Continued.
15	24/09/	2:30 to 3:30	Simplex method. Continued.
16	25/09	11:30 to 12:30	Artificial variables Big M
17	25/09	12:30 to 1:30	Big M continued
18	27/09	11:30 to 12:30	Two phase method examples
19	01/10	2:30 to 3:30	Two phase contd
20	04/10	11:30 to 12:30	Exception of Simplex

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:23+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	09/10/2019	11:30 to 12:30	Transportation introduction
22	11/10/2019	11:30 to 12:30	formulation
23	12/10/2019	10:30 to 11:30	Methods I.B.F.S.
24	15/10	8 to 9:00 AM	I.B.F.S contnd.
25	18/10	11:30 to 12:30 PM	Stepping stone and MODI method
26	18/10	12:30 to 1:30	Assignment model, Formulation
27	19/10	10:30 to 11:30	Hungarian method
* 28	30/10	11:30 to 12:30	Hungarian method continued.... for Slow learners
29	12/11	2:30 to 3:30	Advanced LPP, ... Duality
30	13/11	11:30 to 12:30	Dual simplex method, Economic interpretation of duality
31	13/11	12:30 to 1:30	Dual simplex continued.....
32	19/11	2:30 to 3:30	Sensitivity analysis ..., Dynamic programming
33	20/11/2019	11:30 to 12:30	Dynamic programming continued
34	22/11/2019	11:30 to 12:30	Game theory - Introduction
35	26/11/2019	2:30 to 3:30	Formulation strategies - pure & mixed methods.
36	26/11/2019	3:30 to 4:30	methods for solving game theory problems - saddle point, Rule of dominance
37	29/11/2019	11:30 to 12:30	Problems on Dual simplex method
38	29/11/2019	12:30 to 1:30	problems on Dynamic programming
* 39	30/11/2019	9 to 10	Revision on various problems for slow learners
40	30/11/2019	10:30 to 11:30	Quiz and feedback....

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - 19

Name of the Faculty	:	Yashodha . A . Sambrani
Contact No (Mobile)	:	8867749578
Department	:	Computer Science & Engineering
Course Title	:	Data warehousing and Mining
Course Code	:	15UCSE803
Semester	:	8th Sem
Division	:	A
Semester Duration	:	From: January To: May

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:23+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	12/01/2019	9:00 to 1:00	Introduction about subject, CO-PO
02	17/01/2019	11:30 to 12:30	chap1:- What is Data Mining? Comparison of DBMS & DataMining
03	19/01/2019	9 to 10:00	Motivating challenges, origins of Data Mining
04	22/01	12:30 to 1:30	Data Mining Tasks, Applications
05	23/01	11:30 to 12:30	Data Mining process
06	24/01	11:30 to 12:30	chap2:- Types of data, attributes, types
07	29/01	12:30 to 1:30	Data quality: measurement and collection issues
08	30/01	11:30 to 12:30	issues related to applications
09	31/01	11:30 to 12:30	Data preprocessing
10	05/02/2019	12:30 to 1:30	- Continued
11	6/02/2019	11:30 to 12:30	Proximity measures: Basics,
12	7/02/2019	11:30 to 12:30	Examples, issues in proximity calc-
13	12/02	12:30 to 1:30	Seleting the right proximity
14	13/02	11:30 to 12:30	chap3:- Data warehouse & OLAP Technology
15	16/02	11:30 to 12:30	multidimensional data model
16	19/02	11:30 to 12:30	Differences b/w OLAP & OLTP
17	26/02	12:30 to 1:30	Data ware Implementation
18	27/02	11:30 to 12:30	IA-1 Scheme, Booklet showing
19	28/02	11:30 to 12:30	Forom Data warehousing to Data Mining
20	05/03/2019	12:30 to 1:30	Data cube Computation

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:23+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

S	Date	Time	Topic Covered
21	07/03/19	11:30 to 12:30	Introduction to association Analysis
22	12/03/19	11:30 to 12:30	Apriori Algorithm.
23	13/03/19	11:30 to 12:30	FP tree growth Algorithm
24	19/03/19	12:30 to 1:30	Problems on Apriori & FP Tree
25	21/03/19	11:30 to 12:30	classification approach, preliminaries, general
26	26/03/19	12:30 to 1:30	Decision tree induction, problems.
27	27/03/19	11:30 to 12:30	Decision tree continued. - For S.L
28	28/03/19	11:30 to 12:30	model over fitting, Evaluation of Classifier
29	4/04/19	11:30 to 12:30	Comparing of classifiers
30	9/04/19	12:30 to 1:30	Rule based & Nearest neighbour classification
31	10/04/19	10:30 to 17:30	Cluster Analysis, introduction
32	10/04/19	11:30 to 12:30	Types of clustering, clustering methods
33	13/04/19	9:00 to 10:00	Partitioning Methods
34	15/04/19	9:00 to 10:00	Hierarchical methods
35	16/04/19	11:30 to 12:30	Density - Based Methods
36	16/04/19	12:30 to 1:30	Grid - Based method.
37	18/04/19	11:30 to 12:30	model - Based Method
*38	24/04/19	11:30 to 12:30	Revision of syllabus for slow learners
39	25/04/19	11:30 to 12:30	Conducted Quiz.
40			

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:23+05:30

DEPARTMENT OF COMP. SC. & ENGG. * SDMCET, DHARWAD

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2019 - 20

Name of the Faculty	:	Prashanti Athanikar
Contact No (Mobile)	:	9449534123
Department	:	Computer Science and Engineering
Course Title	:	Computer graphics.
Course Code	:	15UCC702
Semester	:	VII 'A'
Division	:	'A'
Semester Duration	:	From: 1/08/2019. To: 30/11/2019

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:23+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	26/09/19	3.30 – 4.30	Display lists and modelling. programming event driven input
22	27/09/19	11.30 – 12.30	Self Study for IA, Revision for slow learners
23	23/09/19 (LAB)	2.30 – 3.30	completion of 2D Sierpinski gasket
24	23/09/19 (LAB)	3.30 – 4.30	Completion of 3D Sierpinski gasket
25	30/09/19 (LAB)	2.30 – 3.30	Event driven programs
26	30/09/19 (LAB)	3.30 – 4.30	Mouse driven
27	03/10/19	2.30 – 3.30	glutMouseFunc() call back function. Interactive program design
28	03/10/19	3.30 – 4.30	Menus. window Events — Keyboard Events
29	04/10/19	10.30 – 11.30	reshape call back function. logic operations. double buffering, display idle call back
30	10/10/19	3.30 – 4.30	Geometric objects – Scalar, Point, vectors.
31	11/10/19	10.30 – 11.30	Parametric form of Equation, Planes, affine sum, Convexity, Dot prod.
32	14/10/19	2.30 – 3.30 3.30 – 4.30	Implementation of menu driven programs
33	15/10/19	9 – 10	change of Coordinate Systems.
34	17/10/19	3.30 – 4.30	geometric transformation Explained
35	19/10/19	9 – 10	translation rotation scaling Reflection Explained
36	12/11/19	9 – 10	Modeling a coloured cube.
37	14/11/19	3.30 – 4.30	vertex list representation
38	16/11/19	9 – 10	vertex arrays Explained
39	18/11/19	2.30 – 3.30	Modeling a colored cube
40	18/11/19	3.30 – 4.30	program implementation using vertex list & vertex arrays.

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:23+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - 19

Name of the Faculty	:	Aijaz A. Qazi
Contact No (Mobile)	:	–
Department	:	CSE
Course Title	:	Distributed Systems
Course Code	:	15UCSC800
Semester	:	VIII
Division	:	'B'
Semester Duration	:	**From:** 11-01-2019 **To:** 03-05-2019

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:26+05:30

SDMCET DHARWAD ★ DEPARTMENT OF COMP. SC. & ENGG ★

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	12-1-19	11.30 to 12.30	Course plan + Introduction to Distributed systems
02	15-1-19	12.30 to 1.30	Goals + Types + Applications
03	17-1-19	11.30 to 12.30	Architectural Styles
04	18-1-19	12.30 to 1.30	Centralized + Decentralized Architectures
05	19-1-19	12.30 to 1.30	Middleware
06	24-1-19	11.30 to 12.30	Self Management in Distributed Systems.
07	25-1-19	12.30 to 1.30	Threads.
08	29-1-19	11.30 to 12.30	Virtualization
09	30-1-19	9 to 10	Server Clusters + Topic coverage for slow learners
10	01-02-19	11.30 to 12.30	Case study :- X window System.
11	2-2-19	12.30 to 1.30	Approaches to code migration.
12	5-2-19	11.30 to 12.30	Remote Procedure Call
13	6-2-19	9 to 10	Message Oriented Communication
14	8-2-19	11.30 to 12.30	Architecture of message queuing system
15	9-2-19	12.30 to 1.30	Stream Oriented Communication
16	12-2-19	11.30 to 12.30	Multicast communication.
17	13-2-19	9 to 10	Case study : IBM's Webosphere System.
18	15-2-19	11.30 to 12.30	Types of Naming Service.
19	16-2-19	12.30 to 1.30	Flat Naming + Coverage for slow learner
20	26-2-19	11.30 to 12.30	Structured naming + DNS.

SDMCET, DHARWAD * DEPARTMENT OF COMP. SC. & ENGG. *

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:26+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	27-2-19	9 to 10	Distributed file System (2)
22	01-3-19	11.30 to 12.30	Distributed file System (2)
23	5-3-19	11.30 to 12.30	Logical Clocks + Vector Clocks.
24	6-3-19	9 to 10	Mutual Exclusion algorithms
25	7-3-19	11.30 to 12.30	Election algorithms.
26	8-3-19	11.30 to 12.30	Synchronization in Wireless Environment
27	12-3-19	11.30 to 12.30	Consistency [Sequential + Causal]
28	13-3-19	9 to 10	Data Centric Consistency model
29	15-3-19	11.30 to 12.30	Monotonic Reads/Writes
30	19-3-19	11.30 to 12.30	Eventual Consistency + Grouping operations
31	20-3-19	9 to 10	Content Replication. + coverage for slow learner
32	26-3-19	11.30 to 12.30	Replication management
33	27-3-19	9 to 10	Replication management contd...
34	29-3-19	11.30 to 12.30	Content Distribution
35	30-3-19	12.30 to 1.30	Consistency protocols.
36	5-4-19	11.30 to 12.30	State v/s operation / Pull v/s push protocols.
37	9-4-19	11.30 to 12.30	Fault Tolerance + coverage for slow learner
38	10-4-19	9 to 10	Reliable client Server communication
39	12-4-19	11.30 to 12.30	Reliable Group communication
40	16-4-19	11.30 to 12.30	Security in Distributed systems

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:27+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	10-5-19	11.30 to 12.30	Distributed Commit
42	13-5-19	12.30 to 1.30	File Systems
43	14-5-19	11.30 to 12.30	File Systems
44	15-5-19	2.30 to	Case studies. + Coverage for slow learners.
45	15-5-19	4.30	
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:27+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2018 - 19

Name of the Faculty	:	INDIRA R. UMARJI
Contact No (Mobile)	:	9945348887
Department	:	C.S.E.
Course Title	:	Advanced Object Oriented Programming (AOOP)
Course Code	:	15UCSC601
Semester	:	6th
Division	:	B
Semester Duration	:	**From:** 11/01/2019 **To:** 03/05/2019

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:27+05:30

SYLLABI COVERGAE DETAILS

lass No	Date	Time	Topic Covered
21	02-03-19 *	12.30-1.30	Different DB Drivers & their relevance. Why Drivers ; Working of Drivers.
22	06-03-19	9.00-10.00	How to connect Java pgm to mysql – Steps
23	09-03-19	10.30-11.30	Demonstrated Simple Java DB Connectivity programs.
24	09-03-19 *	12.30-1.30	Some more programs for practice For S.L. (*)
25	11-03-19	11.30-12.30	Java N/wing – Introduction to N/w terminologies
26	13-03-19	9.00-10.00	Sockets v/s ports; TCP v/s UDP
27	15-03-19	12.30-1.30	Java Socket program using TCP } Demo
28	16-03-19	10.30-11.30	Java Socket program using UDP } Demo
29	18-03-19	12.30-12.30	Some more programs on client/server using TCP/UDP
30	20-03-19	9.00-10.00	RMI – What is RMI? Relevance; Architecture
31	27-03-19	9.00-10.00	Steps involved in conn^2 establishment using
32	29-03-19	12.30-1.30	Stub & skeleton; Relevance of RMI registry
33	30-03-19	10.30-11.30	simple client/server appl^2 of adder using RMI Stub & skeleton
34	30-03-19 *	12.30-1.30	Some more examples ⇒ Revision for IA2 for S.L (+)
35	08-04-19	11.30-12.30	Servlets – Introduction; Fun^{2}s in Life cycle (Scheme for IA-2)
36	10-04-19	9.00-10.00	Simple servlet Example – Demo servlet & HTML
37	12-04-19	12.30-1.30	Servlet involving D/b connectivity – Demo
38	13-04-19	10.30-11.30	Javascript – Importance; Validation ezs.
39	15-04-19	11.30-12.30	An appl^2 ⇒ BookdB for CRUD op^{2}s using servlet, mysql & HTML
40	17-04-19	9.00-10.00	JSP – Introduction; JSP v/s servlets

IA 2

Revision

IA 3

SD → Slow learners

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college Approved by AICTE, affiliated to Visvesvaraya Technological University, Belagavi and Accredited twice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	Prof. Sandhya S.V.
Contact No (Mobile)	:	9886421455
Department	:	CSE
Course Title	:	Problem Solving & Programming in C
Course Code	:	21UCSC100
Semester	:	I
Division	:	C
Semester Duration	:	From: 13/12/2021 To: 30/3/2021

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:27+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	21/12/21	10.30-11.30	Introduction to C, History of C, awareness on CLO & CO's.
02	24/12/21	8.00-9.00	Algorithms: programs (simple) for algorithmic structure
03	28/12/21	10.30-11.30	Flow charts: programs on same.
04	29/12/21	11.30-12.30	Tutorial class. Comparative study on Algorithms & flow chart.
05	31/12/21	8.00-9.00	Character Set. C - tokens
06	01/1/22	10.30-11.30	Keywords & Identifiers, Constants, Variables
07	04/1/22	10.30-11.30	Datatypes, programs simple
* 08	05/1/22	11.30-12.30	Tutorial: operators & Expressions Introd" SL
* 09	12/1/22	11.30-12.30	Tutorial: Arithmetic, Relational, logical SL programs as examples on same.
10	13/1/22	12.30-1.30	Increment/Decrement, conditional, bitwise special, evaluation of expression. precedence...
11	18/1/22	10.30-11.30	Managing of Input/output with examples.
12	19/1/22	11.30-12.30	Tutorial programs on operators & expressions Problems of exercise solved
13	20/1/22	12.30-1.30	Introduction to Branching. simple if else-if programs
14	22/1/22	10.30-11.30	nested else-if programs on same
15	25/1/22	10.30-11.30	Else if ladder: programs
16	27/1/22	12.30-1.30	Switch & goto structures programs on same
17	28/1/22	8.00-9.00	Exercise problems solved on branching
18	04/2/22	8.00-9.00	Introduction to loop, Generaral syntax with examples on for, dowhile, while
19	08/2/22	10.30-11.30	Simple programs on loops Sentinel/counter controlled loops.
20	16/2/22	8.00-9.00	Programs on loops

07, 08, 10, 11 of Jan all 4 days laboratory sessions
9th to 15th holiday on account of Hijab
IA-1: 1st to 3rd Feb IA-2: 2nd to 4th March

DEPARTMENT OF COMP. SC. & ENGG. KLE CET, DHARWAD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:27+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	17/2/22	12.30-1.30 pm	programs on series manipulation. e^x, sin(x), ...
22	22/2/22	10.30-11.30	Programs on patterns, Revision on loops. (Slow learners)
23	23/2/22	12.30-1.30	LCM, GCD, fibonacci, armstrong .... programs on loops.
24	25/2/22	12.30-1.30	Advantages of loops. Applns of loops. Intrdn to arrays.
25	26/2/22	10.30-11.30	1-D arrays & simple programs on same linear search
26	08/3/22	10.30-11.30	Bubble sort, Insertion, selection sort. Binary Search
27	09/3/22	12.30-1.30	Introdn to 2-D array. array reading & printing
28	10/3/22	12.30-1.30	Initialization & Declaration of 2-D arrays
29	10/3/22	3.30-4.30	Matrix multiplication, summation of diagonal elements, multiplication table...
30	11/3/22	8.00-9.00	Identity matrix, sparse matrix, secondary diagonal, matrix array advantages & applns.
31	15/3/22	10.30-11.30	character arrays programs on built-in functions
32	16/3/22	12.30-1.30	Programs on character arrays without using built in function
33	17/3/22	12.30-1.30	Introduction to user-defined functions
34	17/3/22	3.30-4.30	function call, definition, declaration & structure Types of functions
35	18/3/22	8.00-9.00	call by value., array passing (1-D)
36	22/3/22	10.30-11.30	programs of sequential using modular approach
37	23/3/22	12.30-1.30	Programs using loops (for, while, do-while) are implemented using UDF
38	24/3/22	12.30-1.30	Simple programs on branching using UDF
39	24/3/22	3.30-4.30	Revisions from Unit-1, Unit 2 (Slow learners)
40	25/3/22	8.00-9.00	Revision contd... (Slow learners)

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2020 - 21

Name of the Faculty	:	Rashmi Athanikar
Contact No (Mobile)	:	9448534123
Department	:	CSE
Course Title	:	Problem Solving & Programming in C
Course Code	:	18UCSC200
Semester	:	II
Division	:	I
Semester Duration	:	**From:** May, 2020 **To:** Sept 2021

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:27+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	17/5/2021	9–10	Introduction to the course, discussion Syllabus
02	18/5/2021	10.30–11.30	Algorithms
03	19/5/2021	10.30–11.30	Examples for algorithms.
04	22/5/2021	12–1	Flowchart–
05	24/5/2021	9–10	Flowchart Examples.
06	25/5/2021	10.30–11.30	Flowchart– (Conditional Statements)
07	25/5/2021	10.30–11.30	Revision of algorithm & flowchart–
08	26/5/2021	12–1	Structure of C Code.
09	28/5/2021	9–10	Quiz on algorithm & flowchart
10	29/5/2021	10.30–11.30	Flow of Execution.
11	31/5/2021	10.30–11.30	C tokens → identifiers, keywords.
12	1/6/2021	12–1	Constants & operators.
13	2/6/2021	9–10	Operators Continued.
14	5/6/2021	10.30–11.30	Operators Continued.
15	7/6/2021	12–1	Data types
16	8/6/2021	9–10	Variable declaration.
17	9/6/2021	10.30–11.30	Scanf() Explanation.
18	12/6/2021	10.30–11.30	Examples for scanf() –Code samples–
19	14/6/2021	12–1	programs on reading the input using–
20	15/6/2021	9–10.	Revision for Slow learners

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:28+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college Approved by AICTE, affiliated to Visvesvaraya Technological University, Belagavi and Accredited twice by NBA)

COURSE FILE

Academic Year: 2021 - 21

Name of the Faculty	:	Nita. Kakhandaki
Contact No (Mobile)	:	9900221342
Department	:	CSE
Course Title	:	ARM Processor
Course Code	:	18UCSC400
Semester	:	IV
Division	:	A
Semester Duration	:	From: 15/03/2021 To: 05/07/2021

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:28+05:30

DEPARTMENT OF COMP. SC. & ENGG. ★ S.D.M.C.E.T. DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	15/3/21	9 - 10	Prerequisites : Computer Organisation & Digital Electronics .
02	16/3/21	10.30 - 11.30	Number Systems : Decimal, Binary, Hexadecimal conversion & arithmetic .
03	18/3/21	8 - 9 .	Signed no representation, 2's complement Arithmetic Exs
04	22/3/21	9 - 10 [1]	Microprocessor - Microcontroller - difference, architecture, applications .
05	30/3/21	10.30 - 11.30	ARM 7 introduction, features, applns RISC design rules ; ARM design rules .
06	01/04/21	8 - 9	Instr set for embedded systems, Embedded system h/w, Memory, Types of memory .
07	01/04/21	10.30 - 11.30	peripherals, Embedded system s/w, Initialization code, Operating system
08	02/04/21	9 - 10	Lab related instrs
09	5/04/21	9 - 10	Program execution (ALP) : Addition of 32-bit nos factorial
10	6/04/21	10.30 - 11.30	Embedded system h/w - AMBA bus protocol, embedded system s/w applns, ARM core data flow
11	15/04/21	8 - 9	Registers, CPSR processor modes, Banked registers
* 12	19/04/21	9 - 10	ARM 7 pipeline, pipeline characteristics Ex's slowing for slow learners.
13	20/04/21	10.30 - 11.30 [2]	Fundamentals of ARM instrs, Barrel shifter .
14	22/04/21	8 - 9 .	classification & explanation of instrs Data processing instrs, MOV, Barrel shifter
15	08/04/21	8 - 9	Arithmetic, CMP, MUL, Branch, Load-store
16	29/04/21	8 - 9	Multiple load-store, stack operations
* 17	04/05/21	9 - 10 .	SWAP, SWI PSR instrs Ex:s Ex:s solving for slow learness .
18	05/05/21	10.30 - 11.30 [3]	Simple ALP pgms on Arithmetic & logical operations - ADD 16, 32, 64, 128 bits, MOV
19	07/05/21	8 - 9	ALP - Factorial, string, swapping, Array operations
* RR 20	08/05/21	10.30 - 11.30	ALP - Searching & sorting. Ex:s solving for slow learners

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	10/05/21	9 – 10	THUMB – Data processing instrs
22	11/05/21	10.30 – 11.30	THUMB – stack operations, implementation & use, switching bet. ARM & THUMB states
23	13/05/21	8 – 9	THUMB routine & implementation, translation of C code to ALP.
* 24	17/05/21	9 – 10	Exs – translation of C code to ALP Sum of intergers etc. Ex.s for slow learners
25	17/05/21	3.30 – 5.30 [4]	ALP doubts, Introduction to exceptions & interrupt, modes in ARM7
26	18/05/21	10.00 – 11.00	Exceptions & modes, IVT, exception priorities, link register offset.
27	19/05/21	10.00 – 11.00	IVT, link register offset.
28	24/5/21	9 – 10	Link register offset, diffnt. methods of returning from IRQ & FIQ handlers
29	24/5/21	2.30 – 3.30	Interrupts, assigning interrupts. Interrupt latency, IRQ & FIQ exceptions
30	24/5/21	3.30 – 4.30	Enabling & disabling FIQ & IRQ exceptions
31	25/5/21	10 – 11	Interrupt stack, setting of stack for each processor mode.
32	26/5/21	10 – 11	Interrupt handling schemes – non-nested & nested.
33	7/6/21	9 – 10	Interrupt handling schemes – Re-entrant and prioritized interrupt.
34	8/6/21	10 – 11	checksum byte cal. & introduction to efficient C pgming.
35	9/6/21	10 – 11 [5]	Introduction to LPC 2148 – explanation of terminologies
36	14/6/21	9 – 10	LPC features & hardware board description, ARM7TDMI
37	15/6/21	10 – 11	LPC features (2148) – Flash, Memory MAP, ISP, IAP
38	16/6/21	10 – 11	LPC 2148 features – PCB, GPIO ADC, DAC, USB 2.0, UART, I^2C Bus
39	21/6/21	9 – 10 [6]	Timers & watchdog timers. PLL, GPIO registers.
40	22/6/21	10 – 11	Exs & Application LED Blinking 7-seg display

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:28+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	23/6/21	10-11	Counter, Stepper motor, DC motor
42	28/6/21	9-10	Binary Counter, Relay program Doubt session.
43	29/6/21	10-11	Concept of PLL, pgm to configuring PLL
44	30/6/21	10-11	LED blinking pgm with Timer0, PLL0
* 45	6/7/21	10-11	Student presentation & Ex:s solving for slow learners
* 46	7/7/21	10-11	" & Doubt solving for slow learners.
* 47	8/7/21	2.30 - 4.30	" & Doubt solving for slow learners
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:28+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college Approved by AICTE, affiliated to Visvesvaraya Technological University, Belagavi and Accredited twice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	Nita G Kulkarni
Contact No (Mobile)	:	9900221342
Department	:	CSE
Course Title	:	Digital Electronics
Course Code	:	18UCSC300
Semester	:	III
Division	:	A
Semester Duration	:	**From:** 01/10/2021 **To:** 03/02/2022

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	1/10/21	8-9	Introduction to Syllabus & PEM
02	4/10/21	8-9	[Ch-1] Introduction to logic gates
03	5/10	9-10	Comparison of Analog & Digital waveform 7400 series of IC
04	7/10	8-9	Introduction to Combinational ckts. Boolean Laws
05	9/10	11.30-12.30	SOP & POS expression
06	16/10	11.30-12.30	Examples — SOP & POS expression contd.
07	18/10	11.30-12.30	Canonical forms, Minterm & Maxterm expression. examples, conversion
08	19/10	9-10	K-map reduction, 2, 3 variable Half adder, FAll Adder, Half subtractor, FS.
09	21/10	8-9	K-map simplification → 4-variable with Don't care condition
10	23/10	11.30-12.30	Quine-McClusky method — 4 variable example
11	25/10	11.30-12.30	Quine-McClusky ex contd.
12	26/10	9-10	Lab instructions: introduction to Digital trainer kits; implementation of FA & FS
13	28/10	8-9	Applⁿ oriented Boolean expression forming
* 14	30/10	11.30-12.30	Doubts in K-map & Quine McClusky for slow learners Solns.
15	2/11/21	9-10	No students in class.
16	6/11	11.30-12.30	No students in class [after Diwali]
17	8/11/21	11.30-12.30	[Ch-2] Data processing circuits introduction to Multiplexers [internal design]
18	9/11/21	9-10	Boolean expression implementation FA, FS
19	11/11/21	8-9	Boolean expression implementation using K-map, MUX Tree
20	13/11/21	11.30-12.30	Decoder internal design. Boolean expression using uncomplemented O/P's

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	15/11/21	11:30 – 12:30	Boolean expression implementation using complemented o/ps.
22	16/11/21	9–10	Encoders, Priority encoder design
* 23	23/11/21	9–10	Doubts class [only 7 students present] for slow learners.
* 24	27/11/21	11:30 – 12:30	IA-1 soln & scheme. Doubt session for slow learners
25	29/11/21	11–12	De-Mux & Decoder comparision Boolean exp. soln.
26	30/11/21	3:30 – 4:30	Parity Generator & checkers.
* 27	01/12/21	2:30 – 4:30	PLD, PROM, PAL concept & Boolean exp. evaluation
28	2/12/21	8–9	PLA concept & expression soln. Clocks, Latch, Bistable element.
29	4/12/21	11:30 – 12:30	SR Latch working using NAND & NOR gates; timing diagrams.
30	6/12/21	11:00 – 12:00	Flip-flop & Clocks, edge triggered & level triggered; timing diagrams
31	7/12/21	9–10	SR F/F working; JK F/F working. Function table, characteristic eqn.
32	9/12/21	8–9	D F/F & T F/F working, function table characteristic eqn.
* 33	11/12/21	11:00 – 12:00	Applns of F/F's, SR F/F switch Debouncer ckt for slow learners.
34	13/12/21	11:00 – 1:00	Shifter register: SISO, SIPO working with D F/F & JK F/F, timing diagram
35	14/12/21	9–10	PISO, PIPO working with D F/F & JK F/F timing diagram.
36	16/12/21	3:30 to 4:30	Counters – Synchronous Seq. up, down & Random counter design concept
37	17/12/21	12 – 1:00 pm	Seq. up & Seq. down counter design using D F/F & JK F/F.
38	20/12/21	11:00 to 1:00 pm	Random counter design using D F/F & JK F/F.
39	21/12/21	9–10	Synchronous counters design revision & doubts Introduction to synchronous Seq. ckt design.
* 40	22/12/21	3:00 to 5:00	3-bit sequence detector → using Moore model

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	Raghavendra. G.S.
Contact No (Mobile)	:	7204577887
Department	:	Computer Science
Course Title	:	Computer organization
Course Code	:	18UCSC303
Semester	:	3
Division	:	A
Semester Duration	:	**From:** 01/10/2021 **To:** 01/02/2022

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:29+05:30

DEPARTMENT OF COMP. SC. & ENGG.

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	04/10	11:30-12:30	Computer types, Functional Units - I/O Memory
02	05/10	2:30-3:30	Functional Units - ALU, Control Unit
03	07/10	10:30-11:30	Basic Operational Concepts, Bus Software, Multiprocessor, multi computer
04	09/10	8-9	Performance - Clock, pipelining, CISC, RISC, Compiler
05	16/10	8-9	Numbers, Arithmetic Operations,
06	19/10	2:30-3:30	Number Representation, Addition/Substraction
* 07	21/10	10:30-11:30	Addition/Sub problem solving for Slow Learner Memory location & Address, operations
08	23/10	8-9	Instructions & Instruction Sequencing, Addressing Modes, Assembly language
09	27/10	10:30-11:30	Basic I/O operations, Additional Instructions
10	28/10	10:30-11:30	Accessing I/O devices, Interrupt hardware
11	30/10	8-9	Enabling & Disabling interrupts
12	6/11	8-9	Handling multiple device
13	9/11	2:30-3:30	Controlling device request
14	11/11	10:30-11:30	Direct Memory access
15	13/11	8-9	Bus - Synchronous, Asynchronous
16	16/11	2:30-3:30	Memory System - Introduction, RAM
17	18/11	10:30-11:30	Internal organization, Static memory,
18	20/11	8-9	DRAM, ROM - ROM, PROM, EPROM, EEPROM
19	30/11	2:30-3:30	Cache Memories - Mapping functions
20	2/12	10:30-11:30	Replacement Algorithms, Interleaving

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:29+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	4/12	8-9	Hit rate & Miss Penalty, Other Enhancements
* 22	8/12	8-9	Problems related to interleaving for Slow learner
* 23	9/12	10:30-11:30	Problems related to hit rate/Miss for penalty Slow learner
24	11/12	8-9	Addition & Subskraction of Signed no
25	14/12	2:30-3:30	Design of Fast adders
26	16/12	10:30-11:30	Multiplication of Positive numbers
27	18/12	8-9	Signed-operand Multiplication
* 28	21/12	2:30-3:30	Booth Algorithm, Examples for Slow learners
29	23/12	10:30-11:30	Bit-pair recoding of multipliers
30	1/1	8-9	Integer division, Restoring method.
31	4/1	10:30-11:30	Non-Restoring method.
32	12/1	2:30-	floating point number representation
33	12/1	4:30	Example related to booth algorithm
* 34	13/1	10:30-11:30	Example for * Slow learner Bit pair recoding, Restoring/Non-restoring method
35	15/1	8-9	Some fundamental Concepts, Execution of a Complete Instruction
36	18/1	2:30-3:30	Multiple Bus Organization, Hard-wired control
37	24/1	12:00-1:00	Pipelining, Embedded System,
38	25/1	2:30-3:30	Processor chips for embedded app Simple Micro Controller.
39			
40			

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:29+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited thrice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	Raghavendra. G.S.
Contact No (Mobile)	:	7204577887
Department	:	Computer Science
Course Title	:	Data Mining
Course Code	:	18VCSE609
Semester	:	VI
Division	:	B
Semester Duration	:	**From:** 17/03/2022 **To:** 04/07/2022

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:29+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	17/3	9 – 10	Introduction, What is data Mining?
02	22/3	9 – 10	motivating Challenges, Origin of data mining
03	23/3	10:30 – 11:30	Data Mining tasks, types of data
04	24/3	9 – 10	Data Quality,
05	28/3	9 – 10	Aggregration, Sampling, Dimensionality Reduction
06	29/3	10:30 – 11:30	Feature Subset Selection, Feature Creation.
07	30/3	9 – 10	Discretization & Binarization
* 08	31/3	9 – 10	Variable Transformation, Examples for Slow learner
09	4/4	9 – 10	measures of similarity & dissimilarity.
10	5/4	10:30 – 11:30	Classification: Preliminaries,
11	6/4	9 – 10	General approach to classification problem
12	7/4	9 – 10	How a decision tree works, How to build a decision tree
13	11/4	9 – 10	methods for Expressing attribute test condition.
14	12/4	10:30 – 11:30	Measures for selecting the best split
15	13/4	9 – 10	Model Overfitting: Noise & lack of representation
* 16	18/4	9 – 10	Estimation of Errors, problem Solving Slow learner
17	19/4	10:30 – 11:30	Evaluating the performance of classifier
18	20/4	9 – 10	Classification: Rule based classifier
19	28/4	9 – 10	How to build a rule based classifier Rule Extraction Methodes.
20	29/4	9 – 10	Nearest – Neighbor Classifier.

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	4/5	9-10	Association analysis : Basic Concept
22	5/5	9-10	Frequent Itemset Generation;
* 23	9/5	9-10	Apriori Principle, Frequent Itemset generation using apriori principle. Problem Solving for slow learners
24	10/5	10:30-11:30	Candidate generation & pruning
25	11/5	9-10	Rule generation - Confidence based pruning
26	12/5	9-10	Compact representation of frequent
27	16/5	9-10	itemsets - Maximal & closed frequent
28	17/5	10:30-11:30	Alternative methods for generating frequent itemsets
29	18/5	9-10	FP growth Algorithm : FP tree Representation
30	19/5	9-10	Frequent Itemset generation in FP Growth
31	24/5	9-10	Evaluation of Association Patterns.
32	25/5	10:30-11:30	Cluster Analysis - Basic Concepts
33	26/5	9-10	Different types of clustering, clusters
34	30/5	9-10	K-means Algorithm, Additional issues
35	6/6	8-9	Paper distribution. (ia-2)
36	7/6	10:30-11:30	Additional issues in K-means. Incrementally Updating Centroid,
* 37	8/6	9-10	Bisecting K-means algorithm. Problem Solving Slow learners
38	13/6	9-10	DBSCAN Algorithm.
39	14/6	10:30-11:30	Shared Nearest Neighbor Similarity JP Algorithm.
40	15/6	9-10	Introduction to Anamoly detection Application of Anamoly detection.

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	16/6	9-10	Causes for Anamoly detection. The use of class labels.
42	20/6	9-10	Statistical approach for anamoly detection
43	21/6	10:30-11:30	Proximity based approach to anamoly detection
44	22/6	9-10	Clustering based approach to anamoly detection
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:30+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited thrice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	Raghavendra. G.S.
Contact No (Mobile)	:	7204577887
Department	:	Computer Science
Course Title	:	Distributed System & Application
Course Code	:	18UCSC800
Semester	:	VIII
Division	:	A
Semester Duration	:	**From:** 17/03/2022 **To:** 04/07/2022

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

DEPARTMENT OF COMP. SC. & ENGG. SDMCET DHARWAD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:30+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	17/3	10:30-11:30	Definition of distributed System, Goals
02	22/3	8-9	Scalability, Caching
03	23/3	11:30	Types of distributed System
04	23/3	1:30	Architectural Styles
05	24/3	10:30-11:30	System Architectures
06	29/3	8-9	Hybrid Architectures
07	30/3	11:30	Code Migration, Fundamentals of Communication
08	30/3	1:30	Types of Communication, RPC
09	31/3	10:30-11:30	Message-oriented Communication
10	5/4	8-9	Stream-oriented Communication
11	6/4	11:30	Names, Identifiers & address Flat naming, Home-based approaches
12	6/4	1:30	Distributed hash tables, Hierarchical approaches
13	7/4	10:30-11:30	Structured Naming
14	12/4	8-9	The Implementation of a Name Space
15	13/4	11:30	Attribute-based naming
16	13/4	1:30	Clock Synchronization - Physical clock.
17	19/4	8-9	Clocks Synchronization Algorithms, Network time protocol, Berkley algorithm.
18	20/4	11:30	Logical clocks, - Lamport Logical Clocks
19	20/4	1:30	Vector clocks, Mutual Exclusion - A Centralized algorithm.
20	21/4	10:30-11:30	A Decentralized Algorithm, A distributed algorithm.

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	28/4	10:30-11:30	A token ring algorithm, Global positioning of no.
22	4/5	11:30	Election Algorithm - Bully algorithm.
23	4/5	1:30	Ring algorithm, Election in large scale systems, for Slow learne
24	5/5	10:30-11:30	Reasons for Replication, Replication as scaling techniques
25	10/5	8-9	Continuous Consistency, Sequential Consistency
26	11/5	11:30	Causal Consistency, grouping Operations
27	11/5	1:30	Eventual Consistency, Monotonic Reads
28	12/5	10:30-11:30	Monotonic writes, Read Your writes Examples for Slow learn
29	17/5	8-9	Writes Follow Reads, Replica Server Managemen
30	18/5	11:30	Permanent Replicas, Server Initiated Replic
31	18/5	1:30	Client - Initiated Replicas, States V/s Operations
32	19/5	10:30-11:30	Push V/s Pull protocols, Unicast V/s Multicasting
33	24/5	8-9	Fault tolerence - Basic Concepts
34	25/5	11:30	Failure Models, Process resilience - Design issues.
35	25/5	1:30	Agreement in Faulty Systems, Failure detection
36	26/5	10:30-11:30	Reliable Client-Server Communication
37	31/5	8-9	Introduction to Security
38	7/6	8-9	Design issues, Layering of Security Mec
39	8/6	11:30	Client - Server Architectures
40	8/6	1:30	File System Model

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:30+05:30

DEPARTMENT OF COMP. SC. & ENGG. SMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	9|6	10:30-11:30	Cluster – Based distributed F S.
42	14|6	8 - 9	Symmetric architectures
43	15|6	11:30	RPC in NFS
44	15|6	1:30	File-Oriented Communication
45	16|6	10:30-11:30	Naming in NFS
46	21|6	8-9	Synchronization
47	22|6	11:30	File locking
48	22|6	1:30	Client-Side Caching
* 49	23|6	10:30-11:30	Revision & doubts. for slow learners.
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

13

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited thrice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	DR. S.M. JOSHI
Contact No (Mobile)	:	
Department	:	CSE
Course Title	:	Operating Systems
Course Code	:	18UCSC404
Semester	:	IV
Division	:	B
Semester Duration	:	From: 17.03.22 To: 04.07.22

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	22.03.22	11-12	OS Pre-Test and discussion
02	23-03.22	10.30-11.30	Review of OS., OS Services, Sys calls
03	25|3	11-12	Process, State dgm
04	26|3	8-9	PCB, Operations on process
05	28|3	8-9	Schedulers
06	30|3	11.00	Operations on process < create terminate
07	31|3	11.30	IPC - Intd
08	6|4	11.30	Pipes, Shared mem
09	7|4	11.00	Sockets
10	9|4	9-10	Sockets
11	11|4	8-9	CPU scheduling FCFS
12	16|4	9-10	SJF
13	18|4	8-9	SJF & SRTF
14	20|4	11.00-12.00	Problems on SJF & SRTF
15	21|4	11.30-12.30	R.R. & priority Scheduling
16	23|4	9-10	Multilevel Q, feedback Q, multi proc.
17	28|4	11.30-12.30	Discussion about solutions to IA1 Q.P. [for slow learners]
18	29|4	11-12	IA-1 distb & discn [for slow learners]
19	2|5	8-9	Race Condition
20	4|5	11-12	Critical Section Prob

SYLLABI COVERGAE DETAILS

ss o	Date	Time	Topic Covered	
21	7/5	8-9	Synchzn Contd.	
22	7/5	9-10	Synchzn Contd	
23	9/5	(11-12) +2-1	TestAndSet, Swap	
24	11/5	11-12	Bounded Buffer	
25	12/5	11.30	Semaphore	
26	14/5	9-10	Semaphore	
27	16/5	8-9	Counting Semaphore	
28	18/5	11.30	classical pbm - Prod, Cons.	
29	19/5	11.30-1230	readers writers & dining philosophers	
30	21/5	9-10	Sleeping barber & cigarette smoker	
31	23/5	8-9	Deadlock Intd	
32	25/5	11-12	RAG.	
33	28/5	9-10	Deadlock prevention	
34	30/5	8-9	Revision of Synchzn Chapter (IA2)	for slow learners
35	4/6	11.00	Deadlock - Intd	
36	6/6	8-9	Deadlock Conditions, RAG	
37	13.6.22	8-9	Deadlock prevention.	
38	15.6.22	11.00	Deadlock Avoidance	
39	16/6/22	11.30	Deadlock detection & recovery.	
40	18/6/22	8-9.30	Main Mem. phy vs log mem, frg.	

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:31+05:30

SHN ARM

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited thrice by NBA)

COURSE FILE

Academic Year: 2022 - 22

Name of the Faculty	:	Sharada H N
Contact No (Mobile)	:	9481037292/7338313364
Department	:	CSE
Course Title	:	ARM Processor [Thy]
Course Code	:	18UCSC 400.
Semester	:	IV
Division	:	B
Semester Duration	:	**From:** March 17th 2022 **To:** July 2022.

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:31+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	19-3-22	8.00 to 9.00	Introduction to ups & ue, Embdee
02	21-3-22	10.30 to 11.30	Syllabus of ARM & PEM model
03	22.3.22 2h	9.00 to 11.00 2h	Evolution of ups and ue, is discu
04	23-3-22	2.30 to 3.30	The Design philosophy of RISC, C
05	26-3-22	8.00 to 9.00	Embdeed system hardware, applica
06	28-3-22	10.30 to 11.30	AMBA bus protocol, dataflow mo
07	29-3-22	12-1.00	Revision of 1st unit is carried ou
08	30-3-22	11-12 12.30 to 1.30 (sms)	operating modes, Register of ARM
09	4-4-22	10.30 to 11.30	Introduction to instruction &
10	5-4-22	12.00 to 1.00	of ARM procs are discusse
11	6-4-22	2.30 to 3.30	Data processing instruction are
12	9-4-21	8.00 to 9.00	Pgms pertaining to Data process
13	11-4-21	10.30 to 11.30	Data movement instructions (mov
14	12-4-21	11.00 to 12.00	Data movement instructions (LDR,
15	13-4-21	2.30 to 3.30	Pgms related to Data transf
16	18-4-21	10.30 to 12.30	Branching instructions.
17	19-4-21 2h	11.00 to 1.00	Pgms using all instructions
18	20-4-21	2.30 to 3.30	SWI instruction is discussed
19	30-4-21	8.00 to 9.00	IA-1 Qp solution & Solutions Slow lea
20	2-5-21	10.30 to 11.30	Pgms to String operation like length Palindrome etc is carried

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	3-5-22	12-00 to 1.00	Introduction to Interrupts & Excep
22	4-5-22	2:30 to 3:30	Interrupt Vector table & Different Excep
23	7-5-22	8.00 to 9.00.	SWI instruction is repeated.
24	9.5.22	10.30 to 12:30	MSR. & MRS instruction repetatio
25	11.5-22	2-30 to 3:30	Task Carriedout-by the processor due Interrupt & Except
2hr 26	16-5-22	10.30 to 12:30	Enabling & Dissabling of Interr
2hr 27	18-5-22	2.30 to 4.30	Revision of interrupts and programs pertaining to thumb mode is carried out - Slo
2hr 28	21/5/22	8.00 to 10.00	Revision of 2nd & 3rd unit on request for slow learner
2hr 29	25/5/22	2.30 to 4.30	Introduction features of LPC2148 & pin Details
30	4/6/22	8.00 to 9.00	IA-2 Soln Carried out for slow le
31	30/5/22	12:30 to 1.00	class not taken due to no students only assignments ques shared to solv
32	6/6/22	10.30 to 12.30	Introduction to LPC2148 & its featu
33	7/6/22	12.00 to 1.00	I/O ports and PCB is explai
34	8/6/22	2.30 to 3.30.	Timer & PLL is explained.
35	13/6/22	10.30 to 12.30	other pp's like USB, I2C Introdu
* 36	15/6/22	2.30 to 3.30 *	Revision of 5th unit given slow le
37			
38			
39			
40			

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:31+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited thrice by NBA)

COURSE FILE

Academic Year: 2022-

Name of the Faculty	:	Nita G Kulkarni
Contact No (Mobile)	:	9900221342
Department	:	CSE
Course Title	:	ARM Processor
Course Code	:	18UCSC400
Semester	:	IV
Division	:	A
Semester Duration	:	**From:** 17/03/2022 **To:** 04/07/2022

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:32+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	17/3/22	8 - 9	About Subject, syllabus, IA portion, CTA evaluation, Binary & Hexa num. systems
02	21/3/22	11 - 12	Pre-requisite : Number system – Dec, Bin, Hexa conversion, memory address calculation
03	22/3/22	9 - 10 [1]	what is Microprocessor, Bus organisation (single & multi) How uP executes pgms
04	23/3/22	11:30 - 12:30	Evolution, Difference bet. uP & uC ; RISC & CISC, ARM RISC philosophy
05	24/3/22	8 - 9	Embedded system hardware - AMBA bus protocol, embedded system software - applns
06	25/3/22	9 - 10	ARM core data flow model, Registers
07	25/3/22	10 - 10.40	Banked registers, Pipeline - characteristics
08	28/3/22	11 - 12	CPSR processor modes, CPSR contents
09	29/3/22	9 - 10 [2]	Fundamentals of instr set, Barrel shifter, Types of instrs
10	30/3/22	11.30 - 12.30	Data processing instrs & transfer instrs MOV, LDR, ADD, SUB, UMULL
11	31/3/22	8 - 9	Lab instrs & Assembling process Assembler directives
* 12	31/3/22	9 - 10	swapping 2 nos, ADD of 16, 32, 64 bit nos Ex's for Slow learners
13	4/4/22	11 - 12	Data Processing instrs contd. Barrel shifter, Arithmetic & logical instrs Exs
14	18/4/22	11 - 12	comparision, multiply instr Branch instrs Ex's
15	19/4/22	9 - 10	Single - register transfer Load - store instr addressing modes ~~LDR, STR~~ Exs
16	20/4/22	11.30 - 12.30	Multiple register transfer LDMIA/STMIB Ex. of diffnt addressing modes
* 17	21/4/22	8 - 9	Stack operations Exs for Slow learners
18	22/4/22	2.30 - 3.30	swap instr SWI Program status register instrs, Loading constants Exs
19	22/4/22	3.30 - 4.30	Programming Ex:s : 64, 128-bit ADD/SUB stdlic i/p's & thro' memory window
20	27/4/22	11.30 - 12.30	Adding array of Six 16-bit nos, Pgm to find no of 0s(1s) in given 32-bit no

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	28/4/22	8-9	Pgm to find no of -ve(+ve) nos in an array.
22	29/4/22	2.30 - 3.30	Pgm to find largest(smallest) no. in given array.
23	29/4/22	3.30 - 4.30	Pgm to find factorial of a no; fibonacci series. Length of string; concatenation of 2 strings.
24	2/5/22	11-12	Few students conducted ARM Processor Lab from 11.00 to 1.00pm
25	9/5/22	11-12	[3] Introduction to THUMB; Difference bet ARM & THUMB mode.
26	10/5/22	9-10	Register usuage; Data processing, single-register load-store instrs.
27	11/5/22	11.30 - 12.30	Multiple-register load-store instr S THUMB implementation & use
28	12/5/22	8-9	switching bet ARM & THUMB state
29	16/5/22	11-12	Translating C code into assembly. Exs
* 30	18/5/22	11.30 - 12.30	Exs on searching for slow learners sorting
* 31	19/5/22	10.30 - 11.30	ALP coding Exs for slow learners.
32	28/5/22	12-1.00	[4] Exceptions & Interrupt Handling. ARM processor modes & exceptions
33	25/5/22	9-10	Link Register offset, Diffnt methods of returning from IRQ & FIQ exceptions
34	26/5/22	8-9	Interrupts, S/w & H/w interrupts Interrupt Latency.
35	30/5/22	11-12	Enabling & Disabling interrupts.
36	31/5/22	9-10	Non-nested & Nested interrupt handling schemes.
37	6/6/22	11-12	[5] LPC 2148 features - Basics.
38	7/6/22	9-10	Applications, block diagram, memory mapping,
39	13/6/22	11-12	Functional features of Interrupt controller, RTC, USB, UART, I^2C, SPI, watchdog timer
40	14/6/22	9-10	Peripherals - GP10 - IOXPIN, IOXDIR IOXSET, IOXCLR.

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:32+05:30

DEPARTMENT OF COMP. SC. & ENGG. * SDMCET, DHARWAD *

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college Approved by AICTE, affiliated to Visvesvaraya Technological University, Belagavi and Accredited twice by NBA)

COURSE FILE

Academic Year: 2022 - 23

Name of the Faculty	:	Rashmi Patil
Contact No (Mobile)	:	6360141049, 9449534423
Department	:	CSE
Course Title	:	Software Engineering
Course Code	:	18CSC503
Semester	:	V
Division	:	A
Semester Duration	:	From: 1 Sept 2022 To: 22 Dec 2022

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:32+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	6/9/22	9-10	Brief introduction about the course (C-P. and syllabus. course plan discuss..
02	8/9/22	9-10	Overview — FAQs, professional and ethical responsibility
03	14/9/22	11.30-12.30	Socio technical systems, Emergent properties.
04	15/9/22	9-10	Systems Engineering, legacy systems organizations.
05	17/9/22	10.30-11.30	Critical systems, Simple critical system. Dependability.
06	22/9/22	9-10	Availability, reliability, Software models waterfall model, process iteration.
07	27/9/22	9-10	process activities, RUP and CASE Completed unit 1.
08	29/9/22	9-10	Software requirements types
09	6/10/22	9-10	Notations used for specifying requirements SRS case study — insulin delivery system
10	11/10/22	9-10	Requirements Engineering processes introduction.
11	12/10/22	11.30-12.30	feasibility Study.
12	13/10/22	9-10	Requirements elicitation and analysis
13	15/10/22	9-10	Requirements validation and management
14	20/10/22	9-10	Discussed scheme of evaluation (CIA) Started with system models. Revision for slow learners
15	27/10/22	9-10	Context models, Behavioral models data models completed.
16	02/11/22	12.30-12.30	completed object models, object aggregation Started System architecture
17	03/11/22	9-10	Repository model, client Server model and layered model completed.
18	9/11/22	11.30-12.30	Control Styles.
19	10/11/22	9-10	Object oriented design - Object, class
20	12/11/22	9-10	Object oriented design process - weather station

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:32+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited thrice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	Rani Shetty
Contact No (Mobile)	:	
Department	:	CS
Course Title	:	Data Mining
Course Code	:	
Semester	:	6th
Division	:	A
Semester Duration	:	From: To:

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:33+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	18/3/22	8:00-9:00	Brief Introduction to the course
02	21/3/2022	10:30-11:30	Introduction to Data Mining & Tasks.
03	22/3/22	11:30-12:30	Motivating challenges, Applications
04	23/3/22	10:30-11:30	Origin of Data Mining, Anomaly detection
05	25/3/22	8:00-9:00	Data Mining Tasks. classif, clustering
06	28/3/22	10:30-11:30	Data sets & types
07	29/3/22	11:30-12:30	Attributes & types & Measurement
08	30/3/22	10:30-11:30	Binarization & Discritization
09	1/4/22	8:00-9:00	Nominal, Ordinal, Interval, Ration
10	4/4/22	10:30-11:30	Noise, Outliers, Similarity & Dissimilarity.
11	6/4/22	11:30-12:30	Data preprocessing, Aggregation Sampling, Dim.
12	8/4/22	10:30-11:30	Measures of Similarity. Feature selection
13	11/4/22	10:30-11:30	Measures of Similarity & Dissimilarity Data Quality
14	12/4/22	11:30-12:30	Classification Preliminaries
15	13/4/22	10:30-11:30	General Approach to solvg. Decision Tree
16	18/4/22	10:30-11:30	Decision Tree Induction
17	19/4/22	11:30-12:30	Hunt's Algorithm, & Test conditions
18	22/4/22	11:30-12:30	Problems on G.I, Entropy, classification error
19	29/4/22	9:00-10:00	IA-1 Scheme & Solution, Revision for Class Test
20	4/5/22	10:30-11:30	Decision Tree Algorithm & Discussion

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:33+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	6/5/22	10:30-11:30	Model Overfitting & Underfitting, Error est.
22	9/5/22	10:30-11:30	Error Estimation, Model Selection & problem.
23	10/5/22	11:30-12:30.	Prepruning & post pruning
24	13/5/22	8:00-9:00	Evaluation of performance of classifier
25	16/5/22	10:30-11:30	Sequential rule gene. , Indirect Method.
26	17/5/22	11:30-12:30	Rule extraction, Ordering, Evaluation
27	18/5/22	10:30-11:30	Association rule Basics, Support, Confid.
28	24/5/22	8:30-9:30	Problem on Appriori Algorithm.
29	25/5/22	10:30-11:30	Appriori Algthm & Rule Generation
30	27/5/22	8:00-9:00	Candidate Generation & Pruning
31	30/5/22	10:30-11:30	Rule Generation & FP Tree Algthm
32	6/6/22	8:00-9:00	Evaluting performance
33	7/6/22	11:30-12:30	Maximum Length, closed Itemset
SL 34	8/6/22	10:30-11:30	Quiz, Revision (For slow learners)
35	13/6/22	10:30-11:30	Clustering, Types, Kmeans.
36	14/6/22	11:30-12:30	Kmeans problems, Hierarchical clustg.
37	20/6/22	10:30-11:30	K-means Bisecting, SSC, Agglomerative HC, Issues
38	21/6/22	11:30-12:30	DBSCAN, SNN & Jarvis Patrik clustering
39	22/6/22	10:30-11:30	Anomaly detection, Application, Approaches
40			

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:33+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	Rani Shetty
Contact No (Mobile)	:	
Department	:	CSE
Course Title	:	Management, Entrepreneurship & IPR
Course Code	:	18UHU500
Semester	:	5th
Division	:	A
Semester Duration	:	**From:** October 2021 **To:** March 2022

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:33+05:30

SYLLABI COVERGAE DETAILS

	Class No	Date	Time	Topic Covered
SL ✱	41	13/1/22	10:30-11:30	Project formulation & needs., Revision (for slow learners)
SL ✱	42	21/1/22	8:00-9:00	Project Market-feasibility studys., Revision (slow learners)
	43	22/1/22	09:00-10:00	IPR, patents Copyriths, Trademarks
SL ✱	44	26/1/22	10:30-11:30	Papings ments, Industrial Design, Revision (Slow learners)
	45			
	46			
	47			
	48			
	49			
	50			
	51			
	52			
	53			
	54			
	55			
	56			
	57			
	58			
	59			
	60			

DEPARTMENT OF COMP. SC. & ENGG. * SDMCET, DHARWAD *

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:33+05:30

DC

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college Approved by AICTE, affiliated to Visvesvaraya Technological University, Belagavi and Accredited twice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	Prof. Sandhya S.U.
Contact No (Mobile)	:	9886421455
Department	:	Computer Science & Engineering
Course Title	:	Data Communication
Course Code	:	18UCSC500
Semester	:	5th
Division	:	'A'
Semester Duration	:	From: 01-10-2021 To: 01-02-2022

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:33+05:30

SYLLABI COVERGAE DETAILS

Unit-1

Class No	Date	Time	Topic Covered
01	5/10/21	12-1	Introduction to communication Networks, Services & Applications.
02	7/10/21	2.30 to 3.30	Evolution of N/w architecture
03	8/10/21	10.30 to 11.30	Examples of protocols. Services & layering
04	9/10/21	10.30 to 11.30	HTTP, DNS, SMTP, TCP, UDP, OSI intro^n
05	12/10/21	12 to 1	View of layers & features
06	16/10/21	10.30 to 11.30	TCP/IP architecture, TCP/IP Utilities.
07	19/10/21	12.00 to 1.00	Digital transmission fundamentals Block oriented Information
08	22/10/21	10.30 to 12.30	Comparision of analog & digital Basic properties
09	23/10/21	10.30 to 12.30	Digital Representation of analog signals Sampling
10	26/10/21	12.00-1.00	Characterization of comm^n channels. Fundamental limits
11	28/10/21	3.30-4.30	Frequency Domain char', Time Domain char'
12	29/10/21	10.30-11.30	Fundamental limits, Nyquist signal rate
13	30/10/21	9.00-10.00	Shannon Channel capacity. Intro^d to line coding
14	09/11/21	11.00-12.00	Line coding techniques
15	11/11/21	3.30-4.30	Binary phase modulation, QAM
16	12/11/21	10.30-11.30	Properties of media & Digital transmission system Twisted pair, Coaxial cable
17	13/11/21	9.00-10.00	Optical fibre, Infrared.
18	16/11/21	12.00-1.00	Error detection, Single parity, 2-D parity & Its use.
19	18/11/21	3.30-4.30	Internet checksum
* 20	19/11/21	10.30-11.30	Problems on the same. Revision SL

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
* 21	23/11/21	12.00-1.00	Revision of 1st unit (chapo1 & chapo2) SL
22	23/11/21	10.30-11.30	IA 1 & P solved. Cyclic Redundancy check problems.
* 23	27/11/21	10.30-11.30	Problems solved on checksum & CRC.
24	30/11/21	12.00-1.00	Discussions. Introdn to SONET.
25	02/12/21	3.30-4.30	FDM, TDM, WDM
26	03/12/21	10.30-11.30	SONET layers.
27	07/12/21	12.00-1.00	Seminar on Twisted pair, optical fibre coaxial cable
28	08/12/21	11.30-12.30	SONET frame format
29	09/12/21	3.30-4.30	contd...
30	14/12/21	11.00-12.00	Transport Networks
31	17/12/21	10.30-11.30	Auto protection switching Network linear topology
32	18/12/21	10.30-11.30	APS ring topology network
33	21/12/21	12.00-1.00	Multistage switches CLOS criteria
* 34	23/12/21	3.30-4.30	Revision, Quiz 1 (SL)
35	28/12/22	10.30-11.30	Introdn to Peer-to-peer protocols. ARQ
36	30/12/22	3.30-4.30	Stop and wait
37	31/12/22	10.30-11.30	GBN. comparision of GBN with stop & wait.
38	01/01/22	9.00-10.00	Selective Repeat ARQ
39	04/01/22	10.30-11.30	Data link control: linksharing using packet Mux
40	06/01/22	3.30-4.30	Statistical multiplexing.

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:34+05:30

DEPARTMENT OF COMP SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Unit-5

Class No	Date	Time	Topic Covered
41	13/1/22	3.30-4.30	Introd^n to MAC protocols.
42	14/1/22	9.00-10.00	Random Access : ALOHA
43	18/1/22	10.30-11.30	Slotted ALOHA. Introd^n to CSMA
44	19/1/22	11.30-12.30	CSMA - CD
45	20/1/22	3.30-4.30	CSMA - CA
46	21/1/22	10.30-11.30	Scheduling approaches Reservation systems.
47	22/1/22	9.00-10.00	Polling, Token passing rings
48	22/1/22	11.30-12.30	Channelization: FDMA, TDMA, CDMA.
* 49	25/1/22	10.30-11.30	Revision on Unit-1 & Unit-2 SL
* 50	25/1/22	11.30-12.30	Revision on Unit 3, 4 & 5. SL
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:34+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited twice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	Dr. A. A. Qazi
Contact No (Mobile)	:	—
Department	:	CSE
Course Title	:	Data Communication
Course Code	:	18UCSC500
Semester	:	V
Division	:	B
Semester Duration	:	**From:** 1-10-2021 **To:** 01-02-2022

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:34+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	8-10-21	9 to 10	Introduction to the Course + Outcomes.
02	9-10-21	9 to 10	Network architecture + Services
03	12-10-21	11 30 To 12.30	Telegraph N/w + Message Switching
04	21-10-21	11 30 To 12.30	Telephone N/w + Circuit Switching
05	22-10-21	8 To 9	Computer N/w + Packet Switching
06	23-10-21	11 to 12	HTTP + SMTP + DNS
07	26-10-21	11.30 to 12.30	OSI Reference model
08	29-10-21	8 to 9	TCP/IP Architecture
09	30-10-21	11 to 12	TCP/IP Utilities
10	2-11-21	11.30 to 12-30	Digital representation of Info.
11	6-11-21	11 to 12	Block Oriented + Stream Info
12	9-11-21	11 30 to 12 30	Properties of Dig. transmission System
13	13-11-21	11 to 1	Frequency Domain / Time Domain
14			Characterization + Sampling.
15	16-11-21	11.30 to 12.30	Nyquist Signalling
16	19-11-21	8 to 9	Shannon Channel Capacity + Problems for slow learners.
17	20-11-21	11 to 12	Line Coding + Problem.
18	23-11-21	11.30 to 12.30	Modulation techniques
19	27-11-21	11 to 12	Transmission Media
20	30-11-21	11.30 to 12.30	Parity Check (1D + 2D) / Checksum

DEPARTMENT OF COMP. SC. & ENGG. ★ SDMCET, DHARWAD ★

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	2-12-21	9 to 10	Polynomial check Problem (Error Detection).
22	3-12-21	8 to 9	Circuit Switching Networks
23	7-12-21	11.30 to 12.30	Frequency/wavelength Division multiplexing
24	14-12-21	10.30 to 12.30	Time Division multiplexing
25	14-12-21	* 2.30 to 4.30	SONET + frame Structure
26			
27	15-12-21	* 2.30 to 4.30	Optical Transport Networks + Topic for slow learners.
28			
29	16-12-21	9 to 10	Automatic Protection Switching
30	18-12-21	11 to 12.45	Time & Space division switches
31		*	
32	22-12-21	9 to 10	Peer to Peer Protocol + Stop & Wait ARQ
33	23-12-21	9 to 10	Go Back N ARQ
34	24-12-21	8 to 10	Selective Repeat ARQ +
35			Data link Controls
36	28-12-21	11.30 to 12.30	Point to Point Control.
37	30-12-21	9 to 10	HDLC Data link Control.
38	4-01-22	11.30 to 12.30	MAC + ALOHA + Problems for slow learners.
39	6-01-22	9 to 10	Slotted ALOHA.
40	7-01-22	8 to 9	CSMA/CSMA-CD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:34+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	20-01-22	9 to 10	Scheduling approaches to medium access.
42	21-01-22	8 to 9	Reservation Systems + Polling + Token Passing
43	22-01-22	11 to 12	FDMA + TDMA + CDMA.
44	25-01-22	11:30 to 1:30	Discussion + topics for slow learners.
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:35+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college Approved by AICTE, affiliated to Visvesvaraya Technological University, Belagavi and Accredited twice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	Dr. A. A. Qazi
Contact No (Mobile)	:	—
Department	:	CSE
Course Title	:	Cloud Computing
Course Code	:	18UCS0804
Semester	:	8th
Division	:	B
Semester Duration	:	From: 17/3/2022 To: 4/7/2022

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:35+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	22/3/22	12:30 to 1:30	Introduction to the Course + PEM + Course plan
02	23/3/22	9 to 10	Paradigms in computings
03	24/3/22	11:30 - 12:30	Parallel computing
04	29/3/22	12:30 - 1:30	Grid / Distributed Computing
05	30/3/22	9 - 10	Service computing
06	31/3/22	11:30 - 12:30	Service Oriented Architectures
07	5/4/22	12:30 - 1:30	Web Services
08	6/4/22	9 - 10	Basics of Cloud computing
09	7/4/22	11:30 - 1:30	Architecture & characterstics of Cloud
10			
11	12/4/22	12:30 - 1:30	Service & Deployment models
12	20/4/22	9 - 10	Virtualization & storage
13	21/4/22	11:30 - 12:30	Desktop hypervisor + topic for slow learners
14	28/4/22	11:30 - 12:30	Multi tenancy & Risks
15	4/5/22	9 - 10	SLA Life cycle + issues
16	5/5/22	11:30 - 12:30	Translation of SLA into specifications
17	11/5/22	9 - 10	Runtime prediction + Project Management
18	12/5/22	11:30 - 12:30	Cloud Security fundamentals
19	17/5/22	12:30 to 1:30	Vulnerability assessment
20	18/5/22	9 to 10	Privacy in Cloud

DEPARTMENT OF COMP. SC. & ENGG. * SDMCET DHARWAD *

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:35+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	19/5/22	11.30 to 12.30	Identity management & access control
22	24/5/22	12 to 1	Autonomic security
23	25/5/22	9 to 10	VM security.
24	07/06/22	12.30 to 1.30	storage models + Locks
25	8/6/22	9 to 10	map reduce Model + Problem for slow Learner
26	9/6/22	11.30 to 12.30	Grep the web case study
27	15/6/22	9 to 10	Architecting appl's in AWS Cloud
28	16/6/22	11.30 to 12.30	Cloud best practices.
29	21/6/22	12.30 to 1.30	Current state of data security in cloud
30	22/6/22	9 to 10	Grid and Cloud. + topic for slow learners.
31	23/6/22	11.30 to 01.30	Cloud digital identity & Data security
32			
33			
34			
35			
36			
37			
38			
39			
40			

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:35+05:30

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited thrice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	Dr. A. A. Qazi
Contact No (Mobile)	:	—
Department	:	CSE
Course Title	:	Computer Networks (CN) Theory
Course Code	:	18UCSC600
Semester	:	VI
Division	:	'B'
Semester Duration	:	**From:** 17-3-2022 **To:** 4-7-2022

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:35+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	18-3-22	FRI 8 to 9	Introduction to the Course + Course Plan Overview
02	21-3-22	MON 10·30-11·30	Network Services
03	22-3-22	TUE 8-9	Network operations
04	23-3-22	WED 11·30-12·30	Datagram Packet Switching
05	25-3-22	FRI 8-9	Virtual Circuit Packet switching
06	28-3-22	MON 10·30-11·30	Routing in Packet Networks
07	29-3-22	TUE 8 to 9	Bellman ford algorithm
08	1-4-22	FRI 8 to 9	Dijkstra's algorithm
09	4-4-22	MON 10·30-11·30	ATM Networks
10	5-4-22	TUE 8-9	Traffic management at flow level
11	6-4-22	WED 11·30-12·30	Traffic management at flow aggregate level
12	8-4-22	FRI 8-9	TCP/IP Architecture
13	11-4-22	MON 10·30-11·30	IP addressing
14	12-4-22	TUE 8-9	Subnet addressing + Problems
15	13-4-22	WED 11·30-12·30	Classless Interdomain Routing
16	18-4-22	MON 10·30-11·30	Address resolution + & ARP
17	19-4-22	TUE 8-9	IPv6 + topic for Slow Learner
18	22-4-22	FRI 8-10	TCP Congestion Control + ICMP (Internet
19		FRI	Control message Protocol).
20	29-4-22	FRI 8-9	Open Shortest path first protocol

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:36+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	04-05-22	WED 11.30-12.30	Routing Information protocol
22	06-05-22	FRI 8-9	Border gateways protocol
23	09-05-22	MON 10.30-11.30	Reverse Path broadcasting
24	10-05-22	TUE 8-9	Internet group management protocol
25	13-05-22	FRI 8-9	Reverse path multicasting
26	16-05-22	MON 10.30-11.30	DHCP + Network address translation
27	17-05-22	TUE 8-9	fragmentation & reassembly problem
28	20-05-22	FRI 8-9	TCP operation & reliable stream service
29	24-05-22	TUE 8-9	Problems + Examples for slow learners
30	25-05-22	WED 11.30-12.30	Virtual Private Networks
31	27-05-22	FRI 8-9	Overlay Networks
32	30-05-22	MON 10.30-11.30	IPv4 V/s IPv6 (Comparison)
33	07-06-22	TUE 8-9	TCP/IP
34	08-06-22	WED 11.30-12.30	Migration issues from IPV4 to IPV6
35	13-06-22	MON 10.30-11.30	Asynchronous transfer mode Networks
36	14-06-22	TUE 8-9	BISDN reference model
37	20-6-22	11.30-12.30	AAL-1 / AAL-2 (ATM ATM adaptation layer)
38	21-6-22	8 to 9	AAL-3/4
39	24-6-22	10.30	AAL-5/ATM Signalling
40		-12.30	

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	25-6-22	8-10	Network management + MIB
42			
43	27-6-22	10:30 -12:30	SNMP + Data types + topic for slow learners
44			
45	28-6-22	8-9	Network Security.
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

+ (02) Tutorials

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:36+05:30

OOP - 4B

SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college affiliated to Visvesvaraya Technological University, Belagavi
Accredited thrice by NBA)

COURSE FILE

Academic Year: 2021 - 22

Name of the Faculty	:	Indira R. Umarji
Contact No (Mobile)	:	9945348887
Department	:	Computer Science & Engineering
Course Title	:	Object Oriented Programming
Course Code	:	18UCSC402
Semester	:	4th
Division	:	B
Semester Duration	:	**From:** 17/03/2022 **To:** 04/07/2022

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by
KURAKUNDI
RAGHAVENDRARAO
GOPINATH
Date: 2023-02-08 15:36+05:30

DEPARTMENT OF COMPUTER SCIENCE & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	22/03/22	10.30 – 11.30	Introduction to the course; Discussion of Course plan and laboratory evaluation details.
02	23/03/22	11.30 – 12.30	Introduction to JDK, JRE, JVM, java & javac
03	23/03/22	12.30 – 1.30	Class and main in Java – First Java pgm
04	25/03/22	10.30 – 11.30	System.in & System.out with an illustration of Scanner class.
05	26/03/22		Simple Java programs.
06	28/03/22		Discussion of abstract, static & final keywords
07	30/03/22		Data types & new keyword in Wrapper classes
08	01/04/22		Example showing these in Java.
09	04/04		Inheritance - types & usage.
10	06/04		Examples of various types.
11	08/04		How code reusability using the inheritance
12	09/04		Programming examples using class diagrams
13	11/04		Discussion of TW1 & 2 w.r.t. the concepts taught
14	15/04		Abstract classes & polymorphism
15	16/04		Examples on Abstract classes.
16	18/04		TW3 discussion; this / final & super
17	20/04		Some more programs on inheritance, abstracti.
18	23/04		Revision of concepts. → For S.L
19	29/04		Packages - Introduction.
20	30/04		Need for packages -

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	02/05		Programs on packages
22	09/05		Programs continued
23	13/05		Some more programs. → for SL (*)
24	14/05		Exceptions - Introduction; Classification.
25	14/05		Try/catch/finally; UD Exceptions
26	16/09		UD Exceptions continued
27	19/05		Interfaces; Use of abstract & i/f
28	20/05		Examples.
29	20/05		What is the need for multithreading
30	21/05		Introduction to Thread; Thread life cycle
31	27/05		Thread example in Java.
32	28/05		Thread communications; Producer-Consumer problem. Impl² in Java.
33	28/05		PC problem continued
34	30/05		ITC & Revision for IA-2
35	31/05		Introduction to ~~paralleles~~ Deadlocks & their recovery/avoidance using semaphores.
36	01/06		Other Thread & exception pgms.
37	07/06		Solved IA-2 QP
38	08/06		UNIT-4; Streams - introduction; need of it
39	10/06		Types of streams - byte v/s char & associated classes & funcs.
40	11/06		Java programs on simple I/O streams

*Time: as in time table

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:37+05:30

DEPARTMENT OF ... SDMCET, DHARWAD

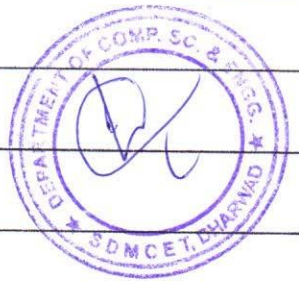
SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	11/06		File streams - bote Char & Byte - associated Java pgms
42	13/06		File streams pgms continued
43	15/06		AWT [UNIT 5]: Introduction to GUI; what is AWT ~~how~~ diff. containers & components
44	17/06		AWT components → detailed with exs. or Swings
45	17/06		Layouts in AWT - flow, grid, border
46	18/06		Java pgms on diff. simple GUI appl2s.
47	20/06		Action Listener → Event Listeners & their usage
48	22/06		Java pgms for using Listeners with GUI
49	24/06		Window Closing & actimPerformed with pgms
50	25/06		Image & ImageView; URI
51	27/06		Simple AWT/ swings GUI building pgms (Reg-form)
52	29/06		Revision (*) For S.L.
53			
54			
55			
56			
57			
58			
59			
60			

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:37+05:30

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
41	11/06		File streams - bofo Char & Byte - associated Java pgms
42	13/06		File streams pgms continued.
43	15/06		AWT [UNIT 5]: Introduction to GUI; what is AWT ~~how~~ diff. containers & components
44	17/06		AWT components → detailed with exs. or swings
45	17/06		Layouts in AWT - flow, grid, border
46	18/06		Java pgms on diff. simple GUI appl2s.
47	20/06		Action Listener → Event Listeners & their usage
48	22/06		Java pgms for using Listeners with GUI
49	24/06		Window Closing & actionPerformed with pgms
50	25/06		Image & ImageView; URL
51	27/06		Simple AWT/ swings GUI building pgms (Reg. form)
52	29/06		Revision (t) For S.L.
53			
54			
55			
56			
57			
58			
59			
60			



SDM College of Engineering and Technology
Dharwad – 580 002

(An Autonomous college Approved by AICTE, affiliated to Visvesvaraya Technological University, Belagavi and Accredited twice by NBA)

COURSE FILE

Academic Year: 2022 - 23

Name of the Faculty	:	Rani Shetty
Contact No (Mobile)	:	9
Department	:	Computer Science
Course Title	:	Software Engineering
Course Code	:	
Semester	:	5th Sem
Division	:	B
Semester Duration	:	From: To:

TEL: 0836 - 2447465 www.sdmcet.ac.in Fax: 0836 - 2464638

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:37+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
01	5/9/22	8:00-9:00	Syllabus Briefing, CTA activit.
02	7/9/22	11:30-12:30	FAQ's Soft Eng. professional & ethi
03	9/9/22	10:30-11:30	Socio technical S/ms, Emergent S/m
04	12/9/22	8:00-9:00	System Engineering Organizatn prop
05	14/9/22	11:30-12:30	Legacy S/ms. Critical S/m.
06	16/9/22	10:30-11:30	A simple safety Critical S/m S/m
07	19/9/22	9:00-10:00	System Integratn, Evolution, [illegible]
08	23/9/22	10:30-11:30	Availability, Dependability Software process Models
09	26/9/22	8:00-9:00	System Engineering Contd.
10	28/9/22	11:30-12:30	Critical Systems. Availability,
11	29/9/22	9:00-10:00	Software processes, Processes
12	7/10/22	10:30-11:30	waterfall model, Iterative Reuse
13	10/10/22	10:30-11:30	Software process models [illegible]
14	11/10/22	3:00-4:00	Requirement Engineering, func non f
15	11/10/22	4:00-5:00	Users & S/m Reqmt Interface Spec S
16	12/10/22	11:30-12:30	RUP, CASE
17	14/10/22	10:30-11:30	Software Specification Reqmt proce
SL * 18	21/10/22	10:30-11:30	IA-1 Soln discussion, Revision
19	31/10/22	8:00-9:00	Reqmt Validation, Management
20	4/11/22	10:30-11:30	System Models Context, Behavio

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:37+05:30

DEPARTMENT OF COMP. SC. & ENGG. SDMCET DHARWAD

SYLLABI COVERGAE DETAILS

Class No	Date	Time	Topic Covered
21	7/11/22	8:00-9:00	Data models. Structure Methods
22	9/11/22	11:30-12:30	Object model, Inheritance Mod, Seq Mo
23	14/11/22	8:00-9:00	Architectural Design, Styles. Design of
24	16/11/22	10:30-11:30	System Organization Modulas decomp
25	16/11/22	11:30-12:30	Con Modular Decomp Styles & Control Styles
26	17/11/22	3:00 4:00	Object Oriented Design Process
27	17/11/22	4:00-5:00	UI design Issues
28	21/11/22	8:00-9:00	Rapid Application Development
29	28/11/22	8:00-9:00	IA-2 Solution discussion, Revision
30	30/11/22	10:30-11:30	Software evolution & legacy Syms.
31	30/11/22	11:30-12:30	Quiz, Revision (Slow learners)
32	2/12/22	10:30-11:30	Verification & Validation planning
33	5/12/22	11:30-12:30	Equivalence partitioning, Boundary Value
34	7/12/22	9:00-9:00	Cause effect, Testing Techniques
35	12/12/22	8:00-9:00	Seminar, Project management
36	12/12/22	9:00-10:00	Quality Management, procedure & Stan
37	14/12/22	10:30-11:30	Revision (Slow A
38	14/12/22	11:30-12:30	Software Quality & Process
39			
40			

DEPARTMENT OF COMP. SC. & ENGG. SDMCET, DHARWAD

Digitally signed by KURAKUNDI RAGHAVENDRARAO GOPINATH
Date: 2023-02-08 15:37+05:30