## SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust<sup>®</sup>, Udupi) Accredited by NBA | Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



Criteria	Criteria 2- Teaching- Learning and Evaluation
Key Indicator	2.5 - Evaluation Process and Reforms
Metric	2.5.1 - The grievance redressal system is time- bound and efficient.

At SMVITM the grievance redressal system in place is designed to be time-bound and efficient, ensuring that student concerns are addressed promptly and effectively.

At the institute level, students are encouraged to directly engage with faculty members regarding any issues with assigned marks. Should the matter remain unresolved, it is escalated to higher authorities within the institution, who are tasked with taking appropriate measures to resolve the grievance in a timely manner.

Similarly, at the university level, the Examination Management system (EMS) coordinator oversees examination-related grievances and maintains a logbook to document these concerns. This systematic approach allows for grievances to be tracked and addressed in a timely fashion, minimizing delays and ensuring that students receive the necessary support and resolution.

In the case of dissatisfaction with marks obtained in the Semester End Examination (SEE), students are provided with clear guidelines on how to apply for revaluation before the last date. The departmental EMS coordinator offers guidance and support throughout this process, ensuring that students can seek redressal within the specified timeframe.

Additionally, a ticketing system is employed by the university to address any other examination-related issues such as USN that may arise. This system enables efficient tracking and resolution of grievances, with appropriate measures taken to address each concern in a timely manner.

Furthermore, the Institutional Grievance Redressal Committee collaborates closely with the examination cell to resolve examination-related grievances comprehensively. By leveraging the expertise and insights of various stakeholders, the committee ensures that grievances are addressed promptly and fairly, upholding the integrity of the examination process.

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The grievance redressal system is characterized by its time-bound and efficient approach, aiming to address student concerns promptly and effectively.

By providing clear channels for communication, guidance, and resolution, the system contributes to a supportive and conducive learning environment for all students.

The following documents are submitted by the HEI to substantiate the grievance redressal system is time- bound and efficient.

- Grievance related to Continuous Internal evaluation (CIE)- Question Paper, Scheme, IA Book, - sample evidences.
- Circular for submission of online application forms for revaluation (SEE) and photocopy
- Grievance related to Semester End Examination (SEE), USN and other issues communicated to university and time bound resolution –sample evidences

BUDP

Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115

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03			IRAJA INSTITUTE O	F TECHNOLOGY & MANAGEME	NT, BA	NTA	KAL	
		SHRI MADITUR	IA- 1	Academic Year:	2020-21			
De	Dartm	Com	EC744					
Cla	ss. vi	/10/2020	Duration: 75 min	utes Max. Marks: 30				
Dat	e. 10		1	1 1		PI Code		
Qn. No	Sub On.		Mark	sBL*	c0*	TT COUC		
			PART A		-	-		1 7 1
1	a)	Construct the arithmultiplication and also	metic modulo 11 o find additive and	table for addition and multiplicative inverse module	8	L2	CO1	1.4.1
	b)	Explain with necessar two integers.	y steps, Euclidean	algorithm to find the GCD o	7	L2	CO1	1.3.1 1.4.1
2	a)	Explain the Group, Rin	8	L2	CO1	1.3.1 1.4.1		
_	-	Determine CCD of foll		over GE (2)				2.1.1
	D)	Determine GCD of foll						2.1.2
		i. $f(x)=x^3+x+1$ and $g(x)$	$=x^{-}+x^{+}$					2.1.3
		ii. $f(x) = x^3 + x^4 + x^3 + x^4 + 1$	7	L3	CO1	2.2.4		
			PART B					244
3	a)	The Advanced Encryp	tion Standard (AES	) uses arithmetic in the finite	2			2.1.1
2		field $GF(2^8)$ with the				2.1.2		
								2.1.2
		1.	and subtraction (	of the following polynomials				2.2.4
		Perform the addition	and subtraction of	$7 \pm x^2 \pm 1$	0	12	CO1	
		$f(x) = x^6 + x^3 + x^2 + \dots$	x + 1 and y(x) = x	the summetric model of	f		COT	131
	b)	Explain in detail w	ith block diagram	i the symmetric model o	·			1 4 1
		Cryptosystem.			7	L1	CO2	1.4.1
			OR				1	
4	a)	Determine the GCD of	of the following nu	mbers along with x, y usin	g			2.1.
1	-,	Extended Euclidean a	Igorithm: GCD (191	5, 899) and find the inverse	e.			2.1.
		Also find the multiplic	ative inverse of (x	$(x^{8} + x^{4} + x^{3}) \mod (x^{8} + x^{4} + x^{3})$	+			2.1.
		x + 1) with V <sub>i</sub> (x), W <sub>i</sub> (x)			8	L3	CO1	2.2.
- 1	b)	Prove the following:						1.3.
	-	i. I(a mod n)+(b mod n	)] mod n=(a+b) mod	In			1	1.4
		iii. [(a mod n)×(b mod	n)] mod n=(a×b) mo	id n				
		iv If $a \equiv b \mod n$ and b	$\equiv c \mod n$ then a	c mod n	7	L2	CO1	

BL\* Bloom's Taxonomy Level; CO\* Course Outcome; PI Code\* Performance Indicator

HOD

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Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMEN Vishwothema Nagar Udupi Dist. BANTAKAL - 574 115

Signature of

Course Coordinator/Module Coordinator

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		SHRI MADHWA VAD	IRAJA INS	TITUTE OF TECH	NOLOGY & MANAGEME	NT, BA	NTA	KAL	
Dar	adm	ant: F&C Engineering	IA- 1		Academic Year: 2	020-21			
Class: VII Sem Course: Cryptography Course Code: 176									
Dat	Date: 16/10/2020 Duration: 75 minutes Max. Marks: 30								
Dut						DI Codo			
Qn. No	Sub On		c	Question		Marks	BL*	co*	PICode
	<b>~</b>			PART A					
1	a)	Construct the arithmetic modulo 11 table for addition and multiplication and also find additive and multiplicative inverse modul						CO1	1.3.1 1.4.1
	b)	Explain with necessative integers.	7	L2	CO1	1.3.1 1.4.1			
		¥		OR					
2	a)	Explain the Group, Ring and Field briefly with examples						CO1	1.3.1 1.4.1
	b)	Determine GCD of following polynomials over GF (2) i. $f(x)=x^3+x+1$ and $g(x)=x^2+x+1$ ii. $f(x)=x^5+x^4+x^3+x^2+1$ and $g(x)=x^3+x^2+x+1$					L3	CO1	2.1.1 2.1.2 2.1.3 2.2.4
				PART B					
3	a)	The Advanced Encryption Standard (AES) uses arithmetic in the finite field $GF(2^8)$ , with the irreducible polynomial $m(x) = x^8 + x^4 + x^3 + x + 1$ . Perform the addition and subtraction of the following polynomials $G(x) = x^6 + x^3 + x^2 + x + 1$ and $g(x) = x^7 + x^2 + 1$						CO1	2.1.1 2.1.2 2.1.3, 2.2.4
	b)	Explain in detail v Cryptosystem.	with block	k diagram the	symmetric model of	7	L1	CO2	1.3.1 1.4.1
	-			OR					
4	1 a)	Determine the GCD Extended Euclidean Also find the multip x + 1) with V <sub>1</sub> (x), W <sub>1</sub> (x	of the fo algorithm: licative inv )	llowing numbers : GCD (1915, 899 verse of (x <sup>7</sup> + x +	along with x, y using ) and find the inverse. 1) mod $(x^8 + x^4 + x^3 +$	8	L3	CO1	2.1.1 2.1.2 2.1.3 2.2.4
	b)	Prove the following: i. [(a mod n)+(b mod iii. [(a mod n)×(b mod iv. If $a \equiv b \mod n$ and	n)] mod n= d n)] mod r d b ≡ c moo	=(a+b) mod n n=(a×b) mod n i n then a ≡ c moo	In	7	L2	CO1	1.3.1 1.4.1

BL\* Bloom's Taxonomy Level; CO\* Course Outcome; Pl Code\* Performance Indicator

HOD

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Principal SHRI MADHWA VADIRAJA NISTITUTE OF TECHNOLOGY & MANAGEMEN<sup>A</sup> Vishwothema Nagar Udupi Dist. BANTAKAL - 574 115

Signature of

Course Coordinator/Module Coordinator

	CRYPTOGRAPHY							
Sub co	ode:17EC744 IA 1 Scheme and Solution	Marks						
1.a	Construct the arithmetic modulo 11 table for addition and multiplication and also find	8						
	Addition Table Multiplicative Inverse Inodulo 11 Addition Table	(3+4+1)						
	0       1       2       3       4       5       6       7       8       9       10       0       1       2       3       4       5       6       7       8       9       10       0       1       2       3       4       5       6       7       8       9       10       0       1       2       3       4       5       6       7       8       9       10       0       1       2       3       4       5       6       7       8       9       10       0       1       2       3       4       5       6       7       8       9       10       1       2       3       4       5       6       7       8       9       10       1       3       3       6       7       8       9       10       1       2       3       6       6       7       8       9       10       1       2       3       6       7       8       9       10       10       1       2       3       6       7       8       9       10       10       1       2       3       4       5       6       7							
l.b	Explain with necessary steps, Euclidean algorithm to find the GCD of two integers.	7						
	$ \begin{array}{l} a = q_1 b + r_1 & 0 < r_1 < b \\ b = q_2 r_1 + r_2 & 0 < r_2 < r_1 \\ r_1 = q_3 r_2 + r_3 & 0 < r_3 < r_2 \\ \vdots & \vdots \\ r_{n-2} = q_n r_{n-1} + r_n & 0 < r_n < r_{n-1} \\ r_{n-1} = q_{n+1} r_n + 0 \\ d = \gcd(a, b) = r_n \end{array} \right\} $	(3+3+1)						
	OR							
.a	Explain the Group, Ring and Field briefly with examples A set of objects, along with a binary operation on the elements of the set, must satisfy the following four properties for the set of objects to be called a group: Closure with respect to the operation. Closure means that if a and b are in the set, then the element $a \circ b = c$ is also in the set. The symbol $\circ$ denotes the operator for the desired operation.							
	<ul> <li>Associativity with respect to the operation. Associativity means that (a ° b) ° c = a ° (b ° c).</li> <li>Guaranteed existence of a unique identity element with regard to the operation. An element e would be called an identity element if for every a in the set, we have a ° e = a.</li> <li>The existence of an inverse element for each element with regard to the operation. That is, for every a in the set, the set must also contain an element b such that a ° b</li> </ul>							
	<ul> <li>If the operation on the set elements is commutative, the group is called an abelian group. An operation ° is commutative if a ° b = b ° a.</li> <li>Ring is typically denoted {R,+,×} where R denotes the set of objects, '+' the operator with respect to which R is an abelian group, the '×' the additional operator needed for R to principal to the set of operator operator needed for R to principal to the set of operator operator needed for R to principal to the set of operator needed for R to princite to the set of operator needed for R to principal to the s</li></ul>	101						

	<ul> <li>form a ring.</li> <li>R must be closed with respect to the additional operator '×'.</li> <li>R must exhibit associativity with respect to the additional operator '×'.</li> <li>The additional operator (that is, the "multiplication operator") must distribute over the group addition operator. That is a(b + c) = ab + ac and ((a + b)c = ac + bc A ring is commutative if the multiplication operation is commutative for all elements in the ring. That is, if all a and b in R satisfy the property <ul> <li>ab = ba</li> </ul> </li> <li>An integral domain {R,+,×} is a commutative ring that obeys the following two additional properties: <ul> <li>Multiplicative Identity: The set R must include an identity element for the multiplicative operation. That is, it should be possible to symbolically designate an element of the set R as '1' so that for every element a of the set we can say a1 = 1a = a</li> <li>No zero divisors: Let 0 denote the identity element for the addition operation. If a multiplication of any two elements a and b of R results in 0, that is</li> </ul> </li> </ul>	
	if $ab = 0$ then either a or b must be 0.	
	A field, denoted {F,+,×}, is an integral domain whose elements satisfy the following	
	<ul> <li>For every element a in F, except the element designated 0, there must also exist in F its multiplicative inverse. That is, if a ∈ F and a 6= 0, then there must exist an element b ∈ F such that ab = ba = 1</li> </ul>	
2.b.	Determine GCD of following polynomials over GF (2)	7
	i. $f(x)=x^3+x+1$ and $g(x)=x^2+x+1$	
	ii. $f(x) = x^3 + x^4 + x^3 + x^2 + 1$ and $g(x) = x^3 + x^2 + x + 1$	
	$\frac{x^{3}+x^{2}+x}{x^{2}+x}$ $\frac{x^{2}+x+1}{x}$ $q = x + 1 \text{ and } r = x$ $x) x^{2} + x + 1(x + 1)$ $\frac{x^{2}}{x+1}$ $\frac{x}{1}$ $q = x + 1 \text{ and } r = 1$	
	q = x + 1 and $r = 11) x(x)$	
	<u>x</u>	
	0	
3 0	So gcd=1 The Advanced Encryption Standard (AES) uses arithmetic in the fight Groups with	
<b>.</b>	the irreducible polynomial $m(r) = r^8 + r^4 + r^3 + r + 1$	8
	Perform the addition and subtraction of the following polynomials. $f(x) = x^6 + x^3 + x^2 + x + 1$ and $g(x) = x^7 + x^2 + 1$	
	Addition $f(x)+g(x)=$	3+5
	$   \begin{array}{ccccccccccccccccccccccccccccccccccc$	
	$\frac{x^6 + x^5 + x^4 + x^3 + x^2 + x}{x^6 + x^5 + x^4 + x^3 + x^2 + x}$	
	$f(x)+g(x)=x^6+x^5+x^4+x^3+x^2+x$	
	113	x of

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMEN Vishwothama Nagar, Udupi Dist.



4. b Prove the following: i. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n = [Ra + Rb + (k + j) n] mod n = [Ra + Rb) mod n	
$\frac{heration 2}{heration 2} \frac{g_{k}(j) = x^{2} + x^{2} + 1; n_{k}(j) = x}{h_{k}(j) = x^{2} + x^{2} + 1; n_{k}(j) = x^{2} + x^{2} + x + 1}$ $\frac{heration 3}{h_{k}(j) = x^{2} + x^{2} + x + 1; n_{k}(j) = x^{2}}$ $\frac{heration 3}{h_{k}(j) = x^{2} + x^{2} + x + 1; n_{k}(j) = x^{2}}$ $\frac{heration 4}{h_{k}(j) = x^{2} + x^{2} + x + 1; n_{k}(j) = x^{2} + x^{2} + x^{2} + x + 1}$ $\frac{heration 4}{h_{k}(j) = x^{2} + x^{2} + 1; n_{k}(j) = x^{2} + x^{2} + x^{2} + x + 1}$ $\frac{heration 4}{h_{k}(j) = x^{2} + x^{2} + x + 1; n_{k}(j) = x^{2} + x^{2} + x^{2} + x + 1}$ $\frac{heration 4}{h_{k}(j) = x^{2} + x^{2} + x^{2} + x^{2} + x^{2} + x + 1}$ $\frac{heration 4}{h_{k}(j) = x^{2} + x^{2} + x^{2} + x^{2} + x^{2} + x + 1}$ $\frac{heration 4}{h_{k}(j) = x^{2} + x^{2} + x^{2} + x^{2} + x^{2} + x + 1}$ $\frac{heration 4}{h_{k}(j) = x^{2} + x^{2} + x^{2} + x^{2} + x^{2} + x + 1}$ $\frac{heration 4}{h_{k}(j) = x^{2} + x^{2} + x^{2} + x^{2} + x^{2} + x + 1}$ $\frac{heration 4}{h_{k}(j) = x^{2} + x^{2} +$	
4. b Prove the following: i. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. Let (a mod n) = Ra and (b mod n) = Rb. Then, we can write a = Ra + jn for some integer j and b = Rb + kn for some integer k. (a + b) mod n = (Ra + jn + Rb + kn) mod n = [Ra + Rb + (k + j) n] mod n = (Ra + Rb) mod n	
4. b Prove the following: i. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)=(a mod n)=(a mod n) = (a mod	
Result $d(x) = r_f(x) = \gcd(a(x), b(x)) = 1$ $w(x) = w_f(x) = (x^2 + x + 1)^{-1} \mod (x^2 + x^4 + x^3 + x + 1) = x^2$ 4. bProve the following: $(x) = w_f(x) = (x^2 + x + 1)^{-1} \mod (x^2 + x^4 + x^3 + x + 1) = x^2$ 4. bProve the following: $(x) = w_f(x) = (x^2 + x + 1)^{-1} \mod (x^2 + x^4 + x^3 + x + 1) = x^2$ 4. bProve the following: $(x) = w_f(x) = (x^2 + x + 1)^{-1} \mod (x^2 + x^4 + x^3 + x + 1) = x^2$ 4. bProve the following: $(x) = w_f(x) = (x^2 + x + 1)^{-1} \mod (x^2 + x^4 + x^3 + x + 1) = x^2$ 4. bProve the following: $(x) = w_f(x) = (x^2 + x + 1)^{-1} \mod (x^2 + x^4 + x^3 + x + 1) = x^2$ 5. [(a mod n)+(b mod n)] mod n=(a + b) mod n $(x) = t \mod (x + b) \mod ($	
4. bProve the following: i. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)×(b mod n)] mod n=(a×b) mod n iv. If $a \equiv b \mod n$ and $b \equiv c \mod n$ then $a \equiv c \mod n$ 34i.Let (a mod n) = Ra and (b mod n) = Rb. Then, we can write $a = Ra + jn$ for some integer j and $b = Rb + kn$ for some integer k. $(a + b) \mod n = (Ra + jn + Rb + kn) \mod n$ $= [Ra + Rb + (k + j) n] \mod n$ $= (Ra + Rb) \mod n$ 34	
4. bProve the following: i. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)*(b mod n)] mod n=(a×b) mod n iii. [(a mod n)×(b mod n)] mod n=(a×b) mod n iv. If $a \equiv b \mod n$ and $b \equiv c \mod n$ then $a \equiv c \mod n$ 3.i.Let (a mod n) = Ra and (b mod n) = Rb. Then, we can write $a = Ra + jn$ for some integer j and $b = Rb + kn$ for some integer k. (a + b) mod n = (Ra + jn + Rb + kn) mod n $= [Ra + Rb + (k + j) n] \mod n$ $= (Ra + Rb) \mod n$ 3.	
<ul> <li>4. b Prove the following:</li> <li>i. [(a mod n)+(b mod n)] mod n=(a+b) mod n</li> <li>iii. [(a mod n)×(b mod n)] mod n=(a×b) mod n</li> <li>iv. If a = b mod n and b = c mod n then a = c mod n</li> <li>i. Let (a mod n) = Ra and (b mod n) = Rb. Then, we can write</li> <li>a = Ra + jn for some integer j and b = Rb + kn for some integer k.</li> <li>(a + b) mod n = (Ra + jn + Rb + kn) mod n</li> <li>= [Ra + Rb + (k + j) n] mod n</li> <li>= (Ra + Rb) mod n</li> </ul>	
i. [(a mod n)+(b mod n)] mod n=(a+b) mod n iii. [(a mod n)×(b mod n)] mod n=(a×b) mod n iv. If $a \equiv b \mod n$ and $b \equiv c \mod n$ then $a \equiv c \mod n$ i. Let (a mod n) = Ra and (b mod n) = Rb. Then, we can write a = Ra + jn for some integer j and $b = Rb + kn$ for some integer k. (a + b) mod n = (Ra + jn + Rb + kn) mod n = [Ra + Rb + (k + j) n] mod n = (Ra + Rb) mod n	
iii. [(a mod n)×(b mod n)] mod n=(a×b) mod niv. If a = b mod n and b = c mod n then a = c mod ni. Let (a mod n) = Ra and (b mod n) = Rb. Then, we can write a = Ra + jn for some integer j and b = Rb + kn for some integer k.(a + b) mod n = (Ra + jn + Rb + kn) mod n = [Ra + Rb + (k + j) n] mod n = (Ra + Rb) mod n	7
iv. If $a \equiv b \mod n$ and $b \equiv c \mod n$ then $a \equiv c \mod n$ i.Let $(a \mod n) = Ra$ and $(b \mod n) = Rb$ . Then, we can write $a = Ra + jn$ for some integer j and $b = Rb + kn$ for some integer k.3- $(a + b) \mod n = (Ra + jn + Rb + kn) \mod n$ $= [Ra + Rb + (k + j) n] \mod n$ $= (Ra + Rb) \mod n$ 3-	
i. Let $(a \mod n) = Ra$ and $(b \mod n) = Rb$ . Then, we can write a = Ra + jn for some integer j and $b = Rb + kn$ for some integer k. $(a + b) \mod n = (Ra + jn + Rb + kn) \mod n$ $= [Ra + Rb + (k + j) n] \mod n$ $= (Ra + Rb) \mod n$	
$= [Ra + Rb + (k + j) n] \mod n$ $= (Ra + Rb) \mod n$	+2+2
$= (Ra + Rb) \mod n$	
$= [(a \mod n) + (b \mod n)] \mod n$	
iii. [(amodn)×(bmodn)]modn=(a×b)modn	
LHS=[(amodn)×(bmodn)]modn	
$= [Ra \times Rb] \mod n$	
$RHS = (a \times b) \mod a$	
$= [(Ra + jn) \times (Rb + kn)]modn$	
$= [(Ka \times Kb) + (((0 \times Kb) + (K \times Ka) + (0 \times K \times n)) \times n)] modn$	
$= [Ra \times Rb] \mod So LHS = RHS hence proved$	
iv. Since $a \equiv b \pmod{n}$ , it follows that $n \mid a - b$ . We may use a result from the	
previous section (specifically, the result that asserted that any multiple of a	
number divisible by n was also divisible by n), to derive from $n \mid a - b$ that $n \mid (-1) \cdot (a - b)$ , or, arithmetically simplifying, $n \mid b - a$ . Then, by definition, $b \equiv a \pmod{n}$	



CAD FOR VISI Devadiga Pooja Navayan 23/12/2020 (17EC745) 4 MW17ECO16 Madnesday Jth A IA-3 Q.2) Pin Assignment: It is used to define which pin recleves which signal. The different types of Pin Assignment: i) General Pin Assignment ii) special Pin Assignment General Pin Assignment: 1 In this type of pin assignment we can use any type pin assignment algorithms for different levels like level. system level, board level or chip The different methods used in General Pin Assignment Fame as follows: 1) concentric circle mapping 1) Topological method 11) Nine-zone method. 1) Concentric circle mapping method pine of a block are made to In this method all the in themer in such a way that it comes combine concentric circle. Frincipal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothome figger Edupt Dist.

AMWINECOIG -> The main problem in pin assignment is congestion and Crossover.  $\rightarrow$  so are need to reduce this problems. → It is time consuming. Explain 1 11) Topological method: -- It is similar to concentric circle mapping method. -> A single net is connected to multiple pins. We need to find the optimal solution. ne Area, congestion of plus, crossover, cost all la Cer should be reduced. illy Nine zone method -nine xones and hence it is called as nine zone method. zone is called as pin class. -+ The centre that use need to analyze is kept in the The chip centre zone, and accordingly direction is detering Principal\_ placement. SHRI MADHWA VADIRATA INSTITUTE OF TECHNOLOGY & MANAGEMEN" 3. C

4MWITECO16

b): Constraint-Based Floor Planning: -+ It is imposed for two types : Horizontal and vertical. Gin and vertical The hostzontal graph is given by graph is given by Giv. - Anyone from the two types is considered that gives optimal solution for the problem. +If the redundances/are more than it is known as overconstaint type. - for the selected graph initially topological algorithm is used and then sweep algorithm. The critical paths for the two plots are given as Pr and PH. - The critical path that is best is selected in .... - IF there is any strong redundancy block than it is eliminated, and the plan is stored. IT there are any flexible blocks than it is reshaped - Now compare the stored plan and new plan. old plan. mscop

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Principal SHRI MADHWA VADIRAJA INSTITUTE OF YECHNOLOGY & MANAGHAIM Vishweihe and Llegar, Urlupi Disk EAUTHARD, Son Ha

4MW17EC016

a) Problem Formulation in floor Planning: - The main problem in floor planning is area. - In -floor planning use have to reduce the size of the block. - For Example: IF we consider a rectangular block than we need to vary the dimensions of block i.e. height and breadth according no the required design. + Aspect ratio is given by:  $A_i = \frac{h_i}{a_{i}}$ + This aspect matto should always come in a particular boundary i.e.  $Ai H \leq \frac{hi}{wi} \leq Ai H$ The blocks # - Floor planning should not overlap. The area, cost, length of whe should be tess reduced. The three design styles:-" !> fully custom 11) Standard cell (1) Gate arro 1) Full custom--- In this design use need to design from the scratch. So we need to gind the height, breadth and aspect ratio. + We also need to reduce the area and reduce resop Principal SHRIMADHWA VADIRAJA the connection. INCRETUTE OF TECHNOLOGY & MANAGEMEN Vignerations the selfduel Dist.

4 MWI FECO16 11) standard cell: -> In this met style of design we can use the standard libraries. - But it is difficult to bring to the required criteria. - It is less time consuming than yell custom. 11) Grate array : -) It is similar to that of stand cell standard cell. + Here blocks -that use require can be used several times. placing of the blocks the is fixed acco so that it The can create & problem. 3.4 style specific fin assignment problems -(b) Design Problems: \* i) congestion of pins (i) arossover. Standard cell & Gate array? is fully custom: -At placement HAR-Floor planning level level -At floor planning level: ZEF - we use standard block than due to dedrease in the size during -Ploomplanning there happens congestion between pins. SHRIM INSTITUTE OF VECHNOLOGY & MANAGEMENT . . Vishwathama Nagar, Udupi Dist. BANTAKAL -574115

between blocks.

The area should be reduced.

· Cost should also be reduced

These should not be crossovers or short circuits

during, connection.

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Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar Udupi Dist. BANTAKAL - 574 115

















## SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust ®, Udupi) Affiliated to Visvesvaraya Technological University, Belagavi Vishwothama Nagar, Bantakal - 574 115, Udupi District, Karnataka, INDIA



Name Devadiga Proja Nas	ayan
USN _4MWI7ECOIG	Semester _7
Branch EC	Section _A
Course CAD for VISI	Cource Code 17EC745
Faculty Name Ms. Soumya Bha	Academic Year <u>2020 - 21</u>

	Date	Max. Marks	Marks Awarded	Faculty Signature	Remarks
Test 1	16/10/2020	30	27	Source )	Good
Test 2 12/11/2020		30	27	Somery)	Good
Test 3	23/12/2020	30	23	Sound	Good
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Dec - 2019/ Jan - 2020 VTUEron



Exam Section <exam@sode-edu.in>

### Missing USN of Student in VTU Exam Application Form

2 messages

#### Mr. Deviprakash Civil <dpupadhya.civil@sode-edu.in> To: prexam <prexam@vtu.ac.in>, exammysore@vtu.ac.in

Fri, Nov 8, 2019 at 2:44 PM

Cc: "Prof. Dr. Thirumaleshwara Bhat" <principal@sode-edu.in>, exam@sode-edu.in

Dear Sir,

This is Deviprakash, Civil Engineering department exam coordinator from Shri Madhwa Vadiraja Institute of Technology and Management.

During the online application process details of Srajan Shetty (USN 4MW16CV038) is not available and hence not able to complete the application process. The student registration is completed in the examination portal and have attached a copy of the same.

So I kindly request you to solve the issue as soon as possible

Please find attached images of student registration and exam application form

#### Regards

Deviprakash

#### 2 attachments

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#### VTU Prexam <prexam@vtu.ac.in>

To: "Mr. Deviprakash Civil" <dpupadhya.civil@sode-edu.in>, exammysore@vtu.ac.in Cc: "Prof. Dr. Thirumaleshwara Bhat" <principal@sode-edu.in>, exam@sode-edu.in Mon, Nov 11, 2019 at 10:41 AM

Respected Sir/Madam, The USN is available , Problem is Resolved.

Thanks & Regards Prexam Team VTU,Belagavi-590018 [Quoted text hidden]

Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115

### SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT



A Unit of Shri Sode Vadiraja Mult Education Trust (R), Udupi Affiliated to the Visvesvaraya Technological University, Belgaum Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka Phone : 0820-2589182 : 0820-2589183 Fax : 0820-2589184 E-mail : info@sode-edu.in Website : www.sode-edu.in

Vishwothamanagar, BANTAKAL - 574 115, Udupi, Karnataka, India

Prof. Dr. Thirumaleshwara Bhat BE, M.Tech., Ph.D, MISTE PRINCIPAL

Ref.No: SMVIT/2020-2021/Exam/186

October 27, 2020

The Registrar (Evaluation) Visvesvaraya Technological University EXAMINATION SECTION Belgavi -590.018

Dear Sir,

Sub: Discrepancy in Result of Mr. Praval Mohan Shetty (USN: 4MW14EC062)

Greetings from Shri Madhwa Vadiraja Institute of Technology & Management, Bantakal, Udupi

We have noticed that in the VTU provisional result of one of our student, MR. PRAVAL MOHAN SHETTY, USN 4MW14EC062, against the subject Optical Fiber Communication (10EC72) marked as A (Absent). But as per the record, the student was present for that exam. Kindly look in to the matter and take necessary steps to correct the result. We have enclosed the copy of Form A, Form B and print out provisional result sheet for your kind reference.

Thanking you

Yours sincerely

Principal

CC To:

The Special Officer Regional office Visvesvaraya Technological University Examination Section Hanchya Sathagalli Layout(Ring Road)

2

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENI Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115



## SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

A Unit of Shri Sode Vadiraja Mutt Education Trust (R), Udupi Affiliated to the Visvesvaraya Technological University, Belgaum Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka Phone : 0820-2589182 : 0820-2589183 : 0820-2589184 Fax

Vishwothamanagar, BANTAKAL - 574 115, Udupi, Karnataka, India

E-mail : info@sode-edu.in Website : www.sode-edu.in

Prof. Dr. Thirumaleshwara Bhat BE, M.Tech., Ph.D, MISTE PRINCIPAL

Ref No: SMVITM/2020-2021/Exam/ 280

15 December 2020

The Registrar (Evaluation) Visvesvaraya Technological University "Jnana Sangama" Belagavi -590 018

Dear Sir

Sub : Discrepancy in result of Mr. Praval Mohan Shetty (USN:4MW14EC062) Ref: Our request letter dated 27 October 2020.

As per our letter referred above, we had requested you to correct the result of our student Mr. Praval Mohan Shetty USN 4MW14EC062 against the subject Optical Fiber Communication (10EC72) for which he was present but in results it is marked as absent. I request you kindly to consider this letter as gentle remainder and take necessary steps to correct the result. Thanking you

With regards

PRINCIPAL

Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115

Encl : Letter dated 27/10/2020



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ. ಕರ್ನಾಟಕ. ಭಾರತ VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI. KARNATAKA. INDIA

#### 💂 ವಿ.ತಾ.ವಿ ಪದವಿ / ಸ್ನಾತಕೋತ್ತರ ಪದವಿ ಪರೀಕ್ಷೆಯ ಸಾಮಯಿಕ ಫಲಿತಾಂಶ ಅಗಸ್ಟ್ / ಸೆಪ್ಟೆಂಬರ್-೨೦೨೦. VTU PROVISIONAL RESULTS OF UG / PG AUGUST / SEPTEMBER-2020 EXAMINATION.

University Seat Number : 4MW14EC062 : PRAVAL MOHAN SHETTY Student Name

Semester: 7

Subject Code	Subject Name		Internal Marks	<b>External Marks</b>	Total	Resul
10EC71	COMPUTER COMMUNICATION N	ETWORKS	16	36	52	Р
10EC72	OPTICAL FIBER COMMUNICATIO	N	21	0	21	A
OJEC763	IMAGE PROCESSING		15	36	51	Р
10EC73	POWER ELECTRONICS		15	37	52	Р
10EC754	CAD FOR VLSI	named have been a service of the service and the service and the service of the s	/ 18	37	55	Р
10EC74	EMBEDDED SYSTEM DESIGN	aananing si, dalamatik lehiti 28, na guna awaa	17	40	57	Р
10EC457	FUNDAMENTALS OF HDL	n negering and a second se	18	51	69	Р
10ECL77	VLSI LAB.		15	30	45	P١
10ECL487	HDL LAB		14	41	55	Р
10ECL78	POWER ELECTRONICS LAB.	an a	25	42	67	Р

Total Marks : 524

Result : FAIL

#### Semester : 5

Sub	ject Code	Subject Name		Internal Marks	<b>External Marks</b>	Total	Result
	0EC52	DIGITAL SIGNAL PROCESSING	1 F	15	46	61	Р
	0EC53	ANALOG COMMUNICATION		15	35	50	Р

Total Marks : 111

: SECOND CLASS Result

### 📰 ನಾಮಕರಣ / ಸಂಕ್ಷೇಪಣಗಳು Nomenclature / Abbreviations

F -> FAIL A -> ABSENT W -> WITHHELD X -> NOT ELIGIBLE P -> PASS Note : Withheld results to be announced later ಸಹಿ/-Sd/-Principal

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENE Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115

ಕುಲಸಚಿವರು (ಮೌಲ್ಯಮಾಪನ) **REGISTRAR (EVALUATION)** 



## ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ. ಕರ್ನಾಟಕ. ಭಾರತ VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI. KARNATAKA. INDIA

## ₩ ವಿ.ತಾ.ವಿ ಪದವಿ / ಸ್ನಾತಕೋತ್ತರ ಪದವಿ ಪರೀಕ್ಷೆಯ ಸಾಮಯಿಕ ಫಲಿತಾಂಶ ಅಗಸ್ಟ್ / ಸೆಪ್ಟೆಂಬರ್-೨೦೨೦. VTU PROVISIONAL RESULTS OF UG / PG AUGUST / SEPTEMBER-2020 EXAMINATION.

University Scat Number : 4MW14EC062 Student Name : PRAVAL MOHAN SHETTY

Semester: 7

Subject Code	Subject Name	Internal Marks	External Marks	Total	Result
10EC71	COMPUTER COMMUNICATION NETWORKS	16	36	52	D
10EC72	OPTICAL FIBER COMMUNICATION	21	36	57	
10EC763	IMAGE PROCESSING	15	36	51	P
10EC73	POWER ELECTRONICS	15	37	52	P
10EC754	CAD FOR VLSI	18	37	55	P
10EC74	EMBEDDED SYSTEM DESIGN	17	40	57	P
10EC457	FUNDAMENTALS OF HDL	18	51	60	P
10ECL77	VLSI LAB.	15	30	09	۴
10ECL487	HDL LAB	14	41	43	P
10ECL78	POWER ELECTRONICS LAB.	25	41	22	P
Total Marks	• 560	4,9	42	0/	Р

Total Marks : 560

Result : SECOND CLASS

#### Semester : 5

LS.	ubject Code	Subject Name	Internal Marks	External Marks	Total	Result
	10EC52	DIGITAL SIGNAL PROCESSING	no necessaria de la consecta na el la consecta de la consecta de la consecta de la consecta de la consecta de 15	46	61	p
	10EC53	ANALOG COMMUNICATION	15	35	50	P
	<b>Total Marks</b>	: 111	· · · · · · · · · · · · · · · · · · ·		50	

Result : SECOND CLASS

### I≣ ನಾಮಕರಣ / ಸಂಕ್ಷೇಪಣಗಳು Nomenclature / Abbreviations

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P-> PASS	F -> FAIL	A -> ABSENT	W-SWITHHELD	Y NOT FLIGIPLE	
A real sector of the sector of	the board of the second s			X -> NOT ELIGIBLE	

Note : Withheld results to be announced later

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Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115 ಸಹಿ/-Sd/-

ಕುಲಸಚಿವರು (ಮೌಲ್ಯಮಾಪನ) REGISTRAR (EVALUATION)

: JUN/JUly - 2021

## SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi) Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka Vishwothamanagar, Bantakal - 574115, Udupi District, Karnataka



Ref No : SMVITM/2021-2022/Exam/404

9 December 2021

### The Registrar (Evaluation) Visvesvaraya Technological University "Jnana Sangama"

Belagavi -590 018

Dear Sir

Sub: Request to declare the second semester results of Mr. Kuncham Ananda (4MW19CV009) Ref: Our earlier letter dated 19-10-2021 and 18-11-2021

With reference to the above subject, the second semester result of readmitted student Mr. Kuncham Ananda (4MW19CV009) is pending. A request email and formal letter have been sent earlier (dated 19-10-2021 and 18-11-2021) and requested your kind attention to declare the result. He has completed First semester course during January 2020 and readmitted to second semester during April 2021. His readmission for the second semester course has been approved by Hon Registrar. The copy of the letter issued from the office of Hon Registrar is attached herewith for your kind perusal.

We have submitted his IA Marks to University (copy of the IA marks is attached).

I kindly request you to make necessary arrangements to declare the results at the earliest.

Thanking you

Yours sincerely

YRENP

PRINCIPAL

Encl: Copy of IA marks details Readmission permission letter

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115

Tei: 0820 258 9182 / 9183 | Fax: 0820 2589184 | Mobile: 7483031199 | E-mail: info@sode-edu.in | Website: www.sode-edu.in

# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ಎ ಬ ಯುಉ ಅಧಿನಿಯಮ nEEV" ರ ಅದಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿಕವಾದ ರಾಜ್ಯ ಎಶ್ತವಿದ್ಯಾಲಯ) 'ಜ್ನಾನ ಸಂಗಮ', ಬೆಳಗಾವಿ - ೫೯೦ ೦೧೮ ಕರ್ನಾಟಕ ರಾಜ್ಯ

# Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994) "Jnana Sangama", Belagavi-590 018, Karnataka State, India Phone: (0831) 2498100 Prof. A. S. Deshpande B.E., M. Tech., Ph.D.

: (0831) 2405467 Pax

Ref: VTU/Aca/2020-21/A1/ 1250

Date: 1 5 JUL 2021

To,

REGISTRAR

The.Principal, Shri Madhwa Vadiraja Institute of Technology & Management, Vishwothamanagar, Bantakal-574 115, Udupi.

Sir,

## Sub: Permission for Readmission to B.E. course for the academic year 2020-2021 - reg. Ref: Your letter No.: SMVITM/2020-21/P30, dt:26.052021.

With reference to the above, permission is accorded to readmit the following students to

B.E. courses for the academic year 2020-2021. This readmission is subject to the conditions that

he/she should complete the course as per prevailing university regulations Under VTU.

51. No.	Name of the Student	USN	Semester	Readmission category	Maximum Duration Permitted
1	Kuncham Anand The student is being readmitted to 2 <sup>nd</sup> semester under 2018 Scheme	4MW19CV009	2 <sup>nd</sup>	Discontinued	8 years from date of first admission

A copy of this letter shall be given to the concerned students & parents. The acknowledgment

of the same shall be obtained by the college.

Yours faithfully,

REGISTRAR

Copy to: 05/Examp/Hob-Grand

Copy fwc's:

The Registrar (Evaluation), VTU, Belagavi for information. Copy to:

Concerned student through the Principal, Shri Madhwa Vadiraja Institute of Technology & Management, Vishwothamanagar, Bantakal - 574 115, Udupi.

surt

Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist.

SMVITM 046 2021-22 INIVARD

### SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT



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Vishwothamanagar, BANTAKAL - 574 115, Udupi, Karnataka, India

Prof. Dr. Thirumaleshwara Bhat BE, M.Tech., Ph.D, MISTE PRINCIPAL

Ref No: SMVITM/2020-2021/Exam/296

November 18, 2021

The Registrar (Evaluation) Visvesvaraya Technological University "Jnana Sangama" Belagavi -590 018

Dear Sir

Sub: Request to declare the second semester results of Mr. Kuncham Ananda (4MW19CV009) in

With reference to the above subject, the second semester result of readmitted student Mr. Kuncham Ananda (4MW19CV009) is pending. A request email and formal letter have been sent earlier (dated 19-10-2021) and requested your kind attention to declare the result. He has completed First semester course during January 2020 and readmitted to second semester during April 2021. His readmission for the second semester course has been approved by Hon Registrar. The copy of the letter issued from the office of Hon Registrar is attached herewith for your kind perusal.

We have submitted his IA Marks to University (copy of the IA marks is attached).

I kindly request you to make necessary arrangements to declare the results at the earliest.

Thanking you

Yours sincerely

PRINCIPAL



Encl: Copy of IA marks details Readmission permission letter heren

Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMEN Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115

## ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ಎ ಬ ಯುಉ ಅಧಿನಯಮ ೧೯೯೪" ರ ಅದಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಸಿತವಾದ ರಾಜ್ಯ ಎಶ್ತವಿದ್ಯಾಲಯ) 'ಜ್ವಾನ ಸಂಗಮ', ಬೆಳಗಾವಿ - ೫೯೦ ೦೧೮ ಕರ್ನಾಟಕ ರಾಜ್ಯ

## Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994) "Jnana Sangama", Belagavi-590 018, Karnataka State, India Prof. A. S. Deshpande n.E. M. Tech., Ph.D.

Phone: (0831) 2498100 : (0831) 2405467 Fax

Ref: VTU/Aca/2020-21/A1/ 1950

Date: 1 5 JUL 2021

To,

The Principal,

REGISTRAR

Shri Madhwa Vadiraja Institute of Technology & Management, Vishwothamanagar, Bantakal - 574 115, Udupi.

Sir,

### Sub: Permission for Readmission to B.E. course for the academic year 2020-2021 - reg. Ref: Your letter No.: SMVITM/2020-21/P30, dt:26.052021.

With reference to the above, permission is accorded to readmit the following students to

B.E. courses for the academic year 2020-2021. This readmission is subject to the conditions that he/she should complete the course as per prevailing university regulations Under VTU.

SI. No.	A Name of the Student	USN	Semester	Readmission category	Maximum Duration Permitted
1	Kuncham Anand The student is being readmitted to 2 <sup>nd</sup> semester under 2018 Scheme	4MW19CV009	2 <sup>nd</sup>	Discontinued	8 years from date of first admission

A copy of this letter shall be given to the concerned students & parents. The acknowledgment

of the same shall be obtained by the college.

Yours faithfully. EGISTRAR

Copy fwc's:

The Registrar (Evaluation), VTU, Belagavi for information.

Copy to: Concerned student through the Principal, Shri Madhwa Vadiraja Institute of Technology & Management, Vishwothamanagar, Bantakal - 574 115, Udupi.

SMUITM 046/2021-22

ATAIA DET

Princ SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115

Copy to: 05/Examp/HOD-Gr. HOD-chamberly

# Visvesvaraya Technological University

## SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

Bra	nch : CV	Sc	heme : 201	18	Sem	lester : 2				
SI NO.	USN	18CHE22	18CHEL26	18CPL27	18CPS23	18EGH28	18ELN24	18MAT21	18ME25	STUDENT- SIGNATURE
1-	4MW19CV009	29	35	20	36	21	19	27	38	
2	4MW20CV001	25	33	20	20	23	16	31	38	
3	4MW20CV002	36	38	25	39	33	33	36	38	
4	4MW20CV003	38	39	35	38	36	20	37	38	
5	4MW20CV004	39	- 39	33	39	39	36	38	30	
6	4MW20CV005	39	39	40	37	39	31	30	39.1	
x	Faculty Signature	loove	200-	8ª	(for	Smel	Air	Bhowthe	NUX	xxxxxxx

\* - values are either optional subjects or the faculty has not yet entered the marks

HOD

# Seal and Signature

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### PRINCIPAL Seal and Signature Principal

ESPECTADHWA MADIRAJA ELITETTE OF THE DECODY & MAMAGEMENT Visite deteate fingue (Carpi Dist Fright and 1955

op

Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ. ಕರ್ನಾಟಕ. ಭಾರತ VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI. KARNATAKA. INDIA

University Seat Number

: 4MW19CV009

Student Name

: KUNCHAM ANANDA

#### Semester : 2

Subject Name	Internal Marks	External Marks	Total	Resul
ADVANCED CALCULUS AND NUMERICAL METHODS	34	21	55	Р
ENGINEERING CHEMISTRY	37	21	58	Р
C PROGRAMMING FOR PROBLEM SOLVING	45	21	66	Р
BASIC ELECTRONICS	24	21	45	Р
ELEMENTS OF MECHANICAL ENGINEERING	48	21	69	Р
ENGINEERING CHEMISTRY LABORATORY	44	21 ·	65	R
C PROGRAMMING LABORATORY	25	21	46	Р
TECHNICAL ENGLISH-II	27	21	48	Р
	Subject Name ADVANCED CALCULUS AND NUMERICAL METHODS ENGINEERING CHEMISTRY C PROGRAMMING FOR PROBLEM SOLVING BASIC ELECTRONICS ELEMENTS OF MECHANICAL ENGINEERING ENGINEERING CHEMISTRY LABORATORY C PROGRAMMING LABORATORY TECHNICAL ENGLISH-II	Subject NameInternal MarksADVANCED CALCULUS AND NUMERICAL34METHODS37ENGINEERING CHEMISTRY37C PROGRAMMING FOR PROBLEM SOLVING45BASIC ELECTRONICS24ELEMENTS OF MECHANICAL ENGINEERING48ENGINEERING CHEMISTRY LABORATORY44C PROGRAMMING LABORATORY25TECHNICAL ENGLISH-II27	Subject NameInternal MarksExternal MarksADVANCED CALCULUS AND NUMERICAL METHODS3421ENGINEERING CHEMISTRY3721C PROGRAMMING FOR PROBLEM SOLVING4521BASIC ELECTRONICS2421ELEMENTS OF MECHANICAL ENGINEERING4821ENGINEERING CHEMISTRY LABORATORY4421C PROGRAMMING LABORATORY2521TECHNICAL ENGLISH-II2721	Subject NameInternal MarksExternal MarksTotalADVANCED CALCULUS AND NUMERICAL METHODS342155ENGINEERING CHEMISTRY372158C PROGRAMMING FOR PROBLEM SOLVING452166BASIC ELECTRONICS242145ELEMENTS OF MECHANICAL ENGINEERING482169ENGINEERING CHEMISTRY LABORATORY442165C PROGRAMMING LABORATORY252146TECHNICAL ENGLISH-II272148

#### i≣ ನಾಮಕರಣ / ಸಂಕ್ಷೇಪಣಗಳು Nomenclature / Abbreviations

P -> PASS	F -> FAIL	A -> ABSENT	W -> WITHHELD	X, NE -> NOT ELIGIBLE
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Note : 1) Withheld results to be announced later 2) Maximum marks for Internal Marks & External Marks is 50

ಸಹಿ/-Sd/-

ಕುಲಸಚಿವರು (ಮೌಲ್ಯಮಾಪನ) REGISTRAR (EVALUATION)

Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115

jan/Feb - 2022

STAL MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)

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Prof. Dr. Thirumaleshwara Bhat

BE, M.Tech., Ph.D, MISTE

PRINCIPAL

Ref No : SMVIT/2021-2022/Exam/0 7.2.

10 June 2022

#### The Registrar (Evaluation)

Visvesvaraya Technological University "Jnana Sangama" Belagavi -590 018

Jear Sir

Sub : "Withheld" Result -Reg.

We wish to bring to your kind notice that the results of MR. SATHISH bearing USN 4MW18CV405 was mentioned as "Withheld" for the subject "ENVIRONMENTAL STUDIES (17CIV18)".

Kindly do the needful to declare the results at the earliest.

Thanking you

Yours faithfully

Crys. Oor

PRINCIPAL



Encl: Copy of Form B Copy of Provisional Result Sheet herop

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist BANTAKAL - 574 115

Tel: 7483031195. 7483031200 | WhatsApp: 961161500 | E-mail: info@sode-edu.in | Website: www.sode-edu.in

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E./B.Arch/MBA/MCA/M.Tech/Ph.D/M.Sc(Res) | Semester Examination March - 2022

LH-105

Branch / Title of the Gourse CIVIL - B.E.

## Centre : SMVITM, BANTAKAL

Subject: Environmental Studies Date: 31-03-2022

Subject code: 17CIV18

USN	Booklet / D		Time : 9:30 AM to 11:30 PM	
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ANIWISCV406		date-		1
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inature :	Room Superintendent /	Examiner - 1	Chief/deputy Superintendent	
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NOTE: ANSWER PAPER BUNDLES TO BE SENT TO REGIONAL OFFICE ONLY.

Krichna Kumar

Shurth, Bankaral

Affiliation

Name



1. Separate sheet to be used for each subject. 2. Statement, shall be sent to a) Regional office, b) Registrar (Evaluation of the College

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115

ವಿಶ್ವೆಚ್ಚರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯಿ, ಬೆಳೆಗಾವಿ, ಕರ್ನಾಟಕ, ಭಾರತ VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI, KARNATAKA, INDIA

## 🛱 ವಿ.ಶಾ.ವಿ ಪದವಿ / ಸ್ನಾತಕೋತ್ತರ ಪದವಿ ಪರೀಕ್ಷೆಯ ಸಾಮಯಿಕ ಫಲಿತಾಂಶ ಫೆಬ್ರವರಿ / ಮಾರ್ಚ್ - ೨೦೨೨. VTU PROVISIONAL RESULTS OF UG / PG FEBRUARY / MARCH - 2022 EXAMINATION.

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Student Name

#### :4MW18CV405

#### : SATHISH

Semester: 7

Code	Subject Name	Internal Marks	External Marks	Total	Result	Announced / Updated on
17CV/754 REINFO	RCED EARTH STRUCTURES	.30	15	45	l F	2022-04-22
	Semester	: 4			A 434 IR	
Subject Code	- Subject Name	Internal Marks	External Marks	Total	Result	Announced / Updated son
17MATOIP41 ADD	ITIONAL MATHEMATICS -II	0	21	21	Р	2022-05-11
17CV42 ANA	LYSIS OF DETERMINATE STRUCTURES	19	21	40	Р	2022-05-11
~	Semester	: 1			Serve C. C. Sand	
Subject Code	Subject Name	Internal Marks	External Marks	Total	Result	Announced / Updated on
POIVIS ENVIRON	IMENTAL STUDIES	17		17	W	2022-05-11
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	has	9			,	

Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115 ಸಹಿ/-Sd/-

ಕುಲಸಚಿವರು (ಮೌಲ್ಯಮಾಪನ) REGISTRAR (EVALUATION)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳೆಗಾವಿ. ಕರ್ನಾಟಕ. ಭಾರತ VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI. KARNATAKA. INDIA

ቛ ವಿ.ತಾ.ವಿ ಪದವಿ / ಸ್ನಾತಕೋತ್ತರ ಪದವಿ ಪರೀಕ್ಷೆಯ ಸಾಮಯಿಕ ಫಲಿತಾಂಶ ಫೆಬ್ರವರಿ / ಮಾರ್ಚ್ - ೨೦೨೨. VTU PROVISIONAL RESULTS OF UG / PG FEBRUARY / MARCH - 2022 EXAMINATION.

University Seat Number

#### :4MW18CV405

#### : SATHISH

77

Student Name

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Subject Code	Subject Name	Internal Marks	External Marks	Total	Result	Announced / Updated on
17CV754	REINFORCED EARTH STRUCTURES	30	15	45	F	2022-04-22
	Semester : 4		, 	frændet som som som som som av 19 19		·
Subject Co	de Subject Name	Internal Marks	External Marks	Total	Result	Announced / Updated on \
17MATDIP	41 ADDITIONAL MATHEMATICS -II	0	21	21	Р	2022-05-11
17CV42	ANALYSIS OF DETERMINATE STRUCTURES	19	21	40	Р	2022-05-11
	- Semester : 1	* ************************************				
Subject Code	Subject Name	Internal Marks	External Marks	Total	Result	Announced / Updated on
17CIV18	ENVIRONMENTAL STUDIES	17	23	40	Р	2022-07-05

### 📰 ನಾಮಕರಣ / ಸಂಕ್ಷೇಪಣಗಳು Nomenclature / Abbreviations

P -> PASS	E . EAU		· · · · · · · · · · · · · · · · · · ·	an and a second s
1-21A00	F-> FAIL	A -> ABSENT	W -> WITHHELD	Y ME - NOT ELICIPLE
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Note :

1) Results of some subjects of some students are not appearing due to reasons such as,

a) CIE not Available

b) SEE not available

because of technical reasons etc, however they will be updated shortly.

2) Withheld results to be announced later

260

Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist BANTAKAL - 574 115 ಸಹಿ/-Sd/-

ಕುಲಸಚಿವರು (ಮೌಲ್ಯಮಾಪನ) REGISTRAR (EVALUATION)

## SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust<sup>®</sup>, Udupi) Accredited by NBA | Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



Prof. Dr. Thirumaleshwara Bhat BE, M.Tech., Ph.D, MISTE PRINCIPAL

Ref: No/SMVIT/2022-23/Exam/602

4 January 2023

The Registrar (Evaluation) Examination Section Visvesvaraya Technological University "Jnana Sangam" Belagavi -590018

Dear Sir,

Subject: Issue in uploading Exam Form for K Devdas Nayak (4MW14ME054).

Greetings from Shri Madhwa vadiraja Institute of Technology and Management, Bantakal, Udupi.

Mr. K Devdas Nayak (4MW14ME054) belongs to OTES, and has many arrear subjects. But the following subjects are not being displayed in his exam form.

Subject Code	Subject Name
15MAT41	Engineering Mathematics- IV
15ME44	Fluid Mechanics

I kindly request you to look into the issue and do the needful.

With thanks and regards,

PRINCIPAL Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothame Nagar, Udupi Dist. T. A 240201000574 MISoci 2000 Unit

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574115

Tel: 7482003109,57483031200 | WhatsApp: 9611615001 | E-mail: info@sode-edu.in | Websirte: www.sode-edu.in

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAN	100/0601004050004409/0
ADMISSION TICKET FOR B.E EXAMINATION DEC 2022 / JAN 2023	
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2. NAME OF THE CANDIDATE : K DEVDAS NAYAK	
3 SUBJECTS APPLIED	STUDENT COPY
10ME54 10ME64 10ME71 10ME72 10ME74 15MAT41 15ME44	
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## Arrear subject codes missing, cannot raise ticket

## VTU Prexam Team <prexam@vtu.ac.in>

Wed, Jan 4, 2023 at 6:09 PM

To: Ananth Mallya Mech <ammallya.mech@sode-edu.in> Cc: Vivekananda Huddar <mech@sode-edu.in>, Kiran Kumar Office <kkiran.office@sode-edu.in>, SMVITM BANTAKAL

UDUPI <principal@sode-edu.in>, "Mrs. Prathima Aithal" <exam@sode-edu.in>

Respected Sir/Madam,

Query is Resolved,

Thanks & Regards **VTU Prexam Team** VTU, Belagavi-590018 [Quoted text hidden]

SHRI MADHWA JADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115



### SMVITM BANTAKAL UDUPI <principal@sode-edu.in>

## Request to resolve the exam application issues

1 message

Prof. Dr. Thirumaleshwara Bhat <principal@sode-edu.in>

Wed, Sep 6, 2023 at 11:50 AM

To: prexam <prexam@vtu.ac.in> Cc: "Dr. HOD ECE" <ec@sode-edu.in>, "Dr. Soumya J Bhat" <cs@sode-edu.in>

Dear Sir / Madam

Greetings from Shri Madhwa Vadiraja Institute of Technology and Management Bantakal, Udupi. College code: 4MW.

In spite of repeated request from our end, the following exam application issues are still pending. Also the ticket options are not enabled. Otherwise we could have raised the tickets. I earnestly request you to resolve the issue at the earliest.

With the kind permission from Hon Registrar-VTU, the following students changed the scheme from 2018 to 2021. As per the directions from the University, the student shall write the exams on 21 IDT 19 and 21 SFH 29. The students successfully completed 21 IDT 19 during Jan/ Feb 2023 exams but we are unable to submit the exam application for 21 SFH 29.

1. Ms. Subhiksha (4MW20CS091)

2. Mr. Mayur S Kalmady (4MW20EC071)

The copy of the marks statement of Jan-Feb 2023 exam is attached for your kind perusal.

I sincerely thank you for your immense support.

With Thanks and Regards

Prof. Dr. Thirumaleshwara Bhat Principal Shri Madhwa Vadiraja Institute of Technology and Management Bantakal - 574 115, Udupi District Karnataka State, INDIA. Tel: 7483031199/ 7483031200 Mobile: 9611615001 Mobile: +91 94493 30555 URL: www.sode-edu.in

2 actachments

The sem marks statement - 4MW20CS091 (2).pdf

MAYUR KALMADI - 4MW20EC071.pdf

Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115

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4, 4:06 PM



SMVITM BANTAKAL UDUPI <principal@sode-edu.in>

## Regarding Exam Ticket raised for Additional Subjects

2 messages

### prexam@vtu.ac.in <prexam@vtu.ac.in>

Thu, Sep 14, 2023 at 10:19 AM

To: principal@atria.edu, exam@cambridge.edu.in, accountsofficer@bmsca.org, principal@ewit.edu.in, sarfraz.ac@hkbk.edu.in, principalimpactcollege@gmail.com, santhoshkumar.hm@jyothyit.ac.in, principal@skit.org.in, principal.rvitm@rvei.edu.in, principal@rnsit.ac.in, principal@sairamce.edu.in, principal@vemanait.edu.in, pplgect@gmail.com, bkitbhalki@gmail.com, principal@atme.edu.in, principal@gmit.ac.in, principal4jd@gmail.com, principal@kvgengg.com, principal@sode-edu.in, principal@sjmit.ac.in, principal@sitmng.ac.in Cc: exambangalore@vtu.ac.in, exambelgaum@vtu.ac.in, exammysore@vtu.ac.in, re@vtu.ac.in

Respected Sir/Madam,

The Exam Ticket raised for Additional Subjects is resolved. Kindly Edit Application and add Additional Subjects. Admission Ticket Will be Available or half an hour from submission of edited Application. 2

Regards,

VTU Prexam Team

Thu, Sep 14, 2023 at 11:00 AM Prof. Dr. Thirumaleshwara Bhat <principal@sode-edu.in> To: Sowmya N H sowmyanh.cs@sode-edu.in>, Akshatha Rao sakshatha.ec@sode-edu.in> Cc: "Dr. HOD ECE" <ec@sode-edu.in>, "Dr. Soumya J Bhat" <cs@sode-edu.in>, "Mrs. Prathima Aithal" <exam@sodeedu.in>

**Dear Colleagues** 

Kindly go through the email forwarded and do the needful. [Quoted text hidden]

Thanks and Regards

Prof. Dr. Thirumaleshwara Bhat Principal Shri Madhwa Vadiraja Institute of Technology and Management Bantakal - 574 115, Udupi District Karnataka State, INDIA Tel: 7483031199/ 7483031200 Mobile: 9611615001 Mobile: +91 94493 30555 URL: www.sode-edu.in

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