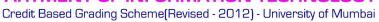


TCET DEPARTMENT OF INFORMATION TECHNOLOGY (IT)





CBGS-2012(R) TCET/FRM/IP-02/10

Revision: B

Semester Plan

(Practical / Tutorials / Assignment)

Semester: VI Course: **B.E IT** Batches: **A1,A3**

Subject: **Intelligent System** Class: B.E - A Batch size: **20** Students

Laboratory faculty in charge: Mr. Shridhar K. Lab. Assistant / Attendant: Vinod Morya

Note: Experiment planned as per University Curriculum

Basic Experiments:

Sr. No.	TITLES Experiments / Tutorials / Assignment (Planning with use of Technology)	Planned Date	Completi on Date	Remarks
		A1 A3	A1 A3	
	To study WUMPUS world problem.	12/9/2017		
1.	With propositional logic and first order logic (Knowledge and Reasoning)	30/8/2017		
	To Study and Compare Various	12/9/2017		
2.	Informed and Uninformed Search Techniques	30/8/2017		
		19/9/2017		
3.	To study basics of PROLOG	6/9/2017		
	To solving Basic problems like	19/9/2017		
4.	Factorial, Fibonacci series, using PROLOG	13/9/2017		

Design/ Development Experiments:

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DEPARTMENT OF INFORMATION TECHNOLOGY (IT)

Credit Based Grading Scheme(Revised - 2012) - University of Mumbai

	THAKUP
J	(tcet)
-	Town content or

ENGIN	Credit Based Grading Scheme(Hevis	•	liversity of ivium	Dal Printed Co.
	a) One case study presentation on	21/7/2017		Eatd. 2001
	NLP/Expert system based papers	21///2017		
	published in IEEE/ACM/Springer or			
5.	any prominent journal.			
٥.	b)Implementing Water jug problem			
	using 1. BFS. , 2. DFS (Un-Informed	19/7/2017		
	Search)	19/1/2017		
	Search)	25/7/2017		
	Implementing 8 puzzle problems with	23/1/2017		
6.	Heuristic function using Hill Climbing. (26/7/2017		
	Informed Search)	20/7/2017		
	,			
	Implementing 8 puzzle problem with	1/8/2017		
7.	Heuristic function – Best First Search (
7 •	Informed Search)	2/8/2017		
	informed Search)			
		8/8/2017		
0	Implementing 8 Queen Problem with			
8.	Heuristic function (Informed Search)	9/8/2017		
		5/9/2017		
	Implementing Tic-Tac-Toe problem to			
9.	demonstrate Min – Max and Alpha Beta	16/8/2017		
	Pruning. (Adversarial Search)			
		26/9/2017		
		20/ // 2017		
10.	Design Family Information System	20/9/2017		
10.	(PROLOG).	20/9/2017		
C	. I			
Grouj	p Learning Activity:			
		3/10/2017		
	Case Study on Agent Communication			
11	System	4/10/2017		
		3/10/2017		
	Case Study on any one Expert	3/10/2017		
12	System(Example : Evolution of Medical	4/10/2017		
	Expert System)	1/10/2017		
Dr.: 1	a courage Objective Daile in a face 19			nd indrestor -1-:11
	e courses Objective: Bridging of gaps with carryout research in that particular field. (24)			
		Duration		
S.No	Bridge courses/Technology	(Week/hr	Modes of	Recommended
_	bridge courses/ reciniology	s)	Learning	Sources
•				
1.	Prerequisite course:	2 Weeks /	Self	1. http://www.

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ENGINEERS

TCET DEPARTMENT OF INFORMATION TECHNOLOGY (IT)

Credit Based Grading Scheme(Revised - 2012) - University of Mumbai



CBGS-2012(R)

	Basic of C,java,PROLOG	3 Hrs	Learning/ Revision	2.	cse.unsw.ed u.au/~billw/ cs9414/note s/prolog/intr o.html http://www. dailyfreecod e.com/tutori al_simple_a rtificial_inte lligence- 53/prolog- 276.aspx
2	Advanced course: Machine Learning	06 Weeks / 2 Hrs	Technology Based learning	•	https://www.co ursera.org/lear n/machine- learning

1. Mini /Minor Projects Objective: To get hands on experience to execute projects with respect to student choice in the following areas. (30 Hrs / Semester / Student). (Total 120 Hrs)

The areas are:

1. Research 2. Core

3. Multidisciplinary

4. Application

Major project: As per University Scheme

S.No	Project Title/Gr	oup	Size	Class	Siz Pr	coup ze/ oject ours	Project Type		Refei	rence
1.	Biometric Identification And Real Time Control And Security System In Smart Car (BIRCS3) (3 Students)			B.E		3	Major TBL			
2.	Artificial Intelligence Dietician			T.E		3	Minor	inor TBL		
3.	Timetable Generation		S.E		3	Mini		TBL		
No. of Prac	Planned	C o m pl et ed	No. of Assign ments	Planne	d Co	omplete	No. of Tutori al	Pla	anned	Complete d
	D 14D				_					

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THANK
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BORNESHMI ATTERNACION

ENGINEERS	Credit	Based Grading	g Schem	e(Revis	ed - 2012	2) - Unive	ersity of M	lumbai	ICEI
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learning act new experir Note: 1. The pract compliance in rema 2. Learning assignments be mapp	ities are required ivity of the structure of the structur	e and complete and complete and to be stated to do for the semi-	courses etc. etion destated hall be	e. Grou ate sha	ip activi	compl	udes: Gi iance. Fo	or any non	ntation, - s/ tutorials/
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