V.S.B. ENGINEERING COLLEGE, KARUR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

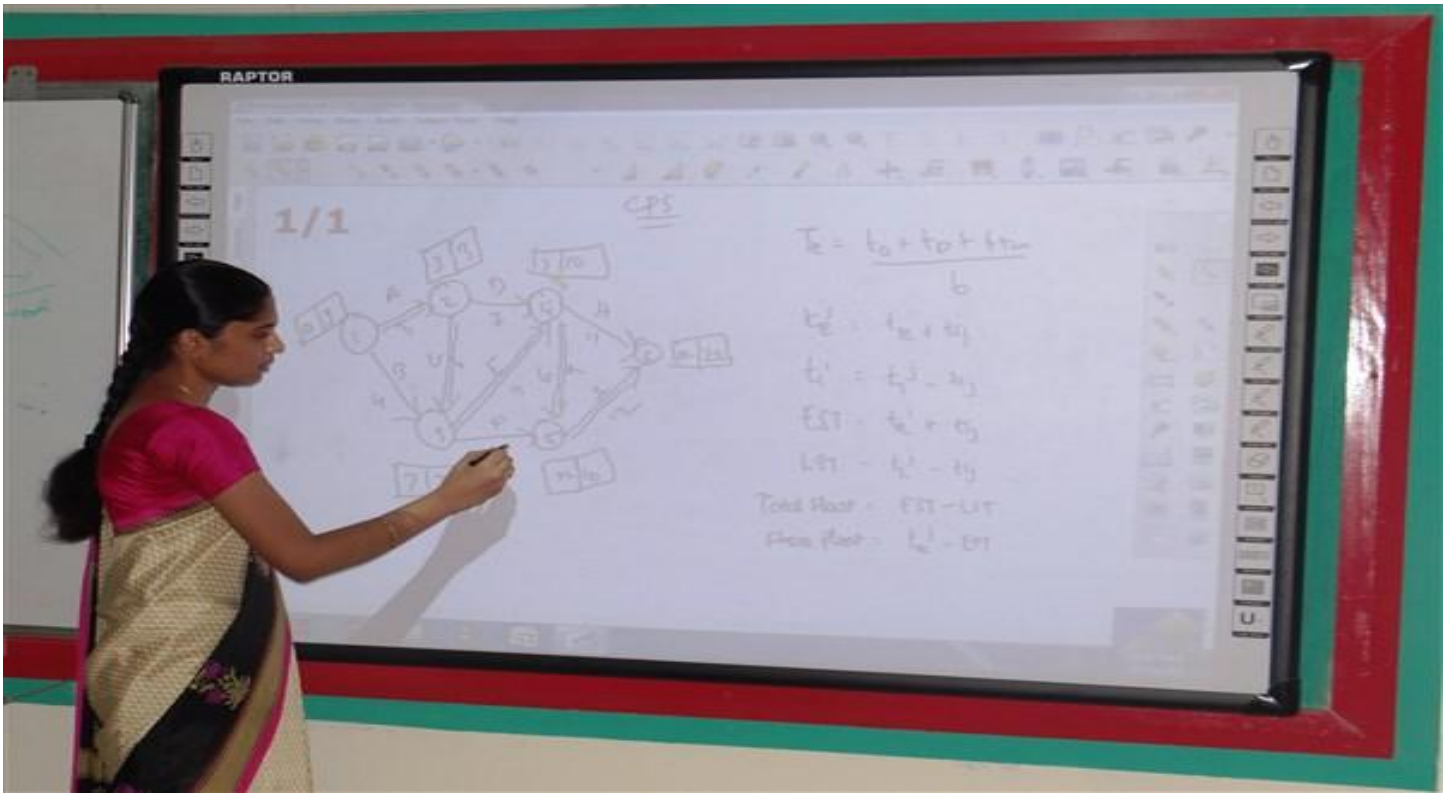
Summary of the Innovations in Teaching Methodology

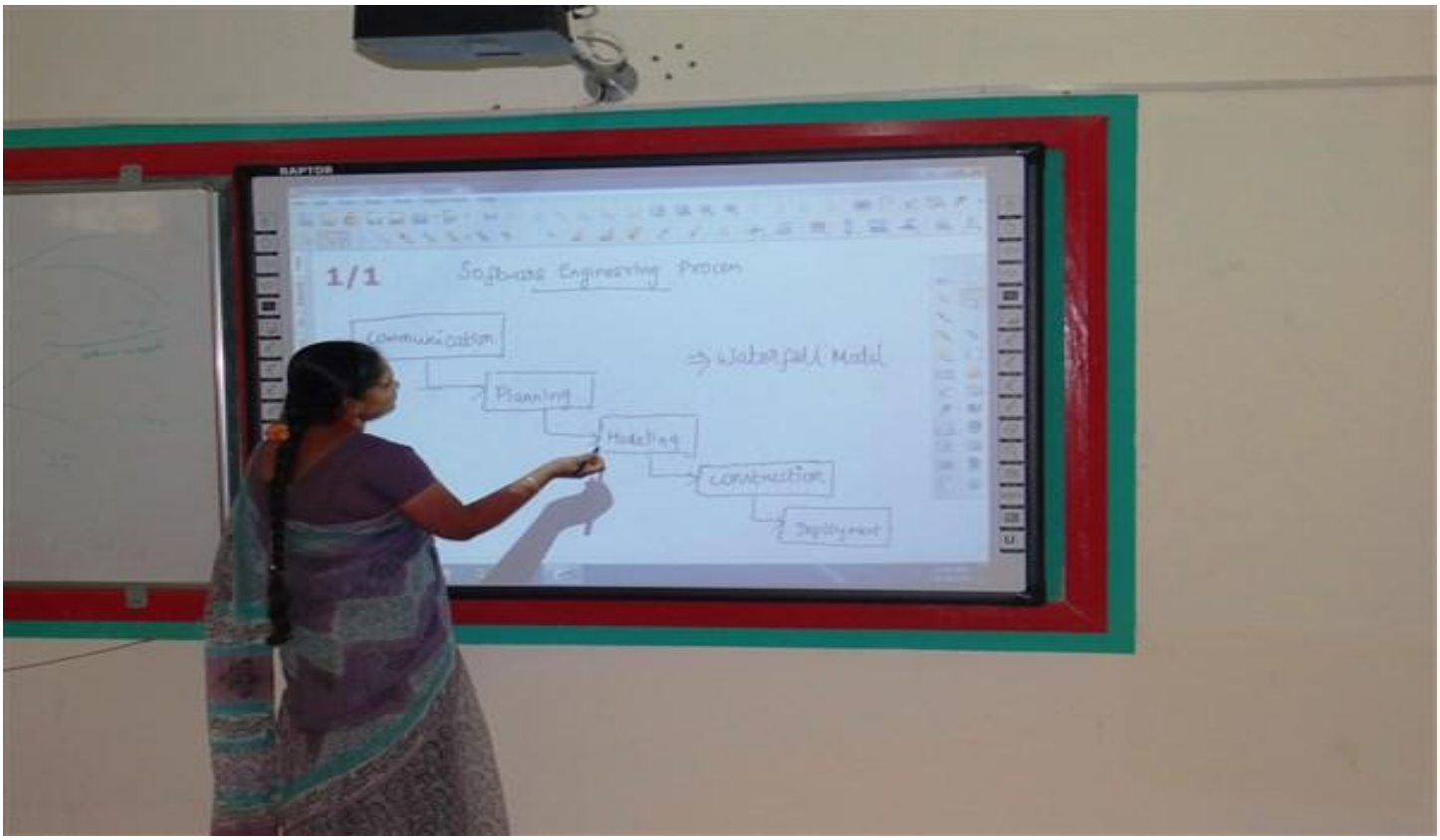
S.NO	FACILITIES
1.	Smart Classroom
2.	Google Classroom
3.	Virtual Labs
4.	LCD Projectors
5.	Video Lectures
6.	Power Point Presentation
7.	Animated Videos
8.	VAC - Online Courses
9.	NPTEL - Library Sessions
10.	IMPRES - LMS
11.	Olympus Great Learning - Teachers Link
12.	NPTEL Video Links
13.	CDs
14.	Outcome Based Teaching
15.	Employability Skill Teaching

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

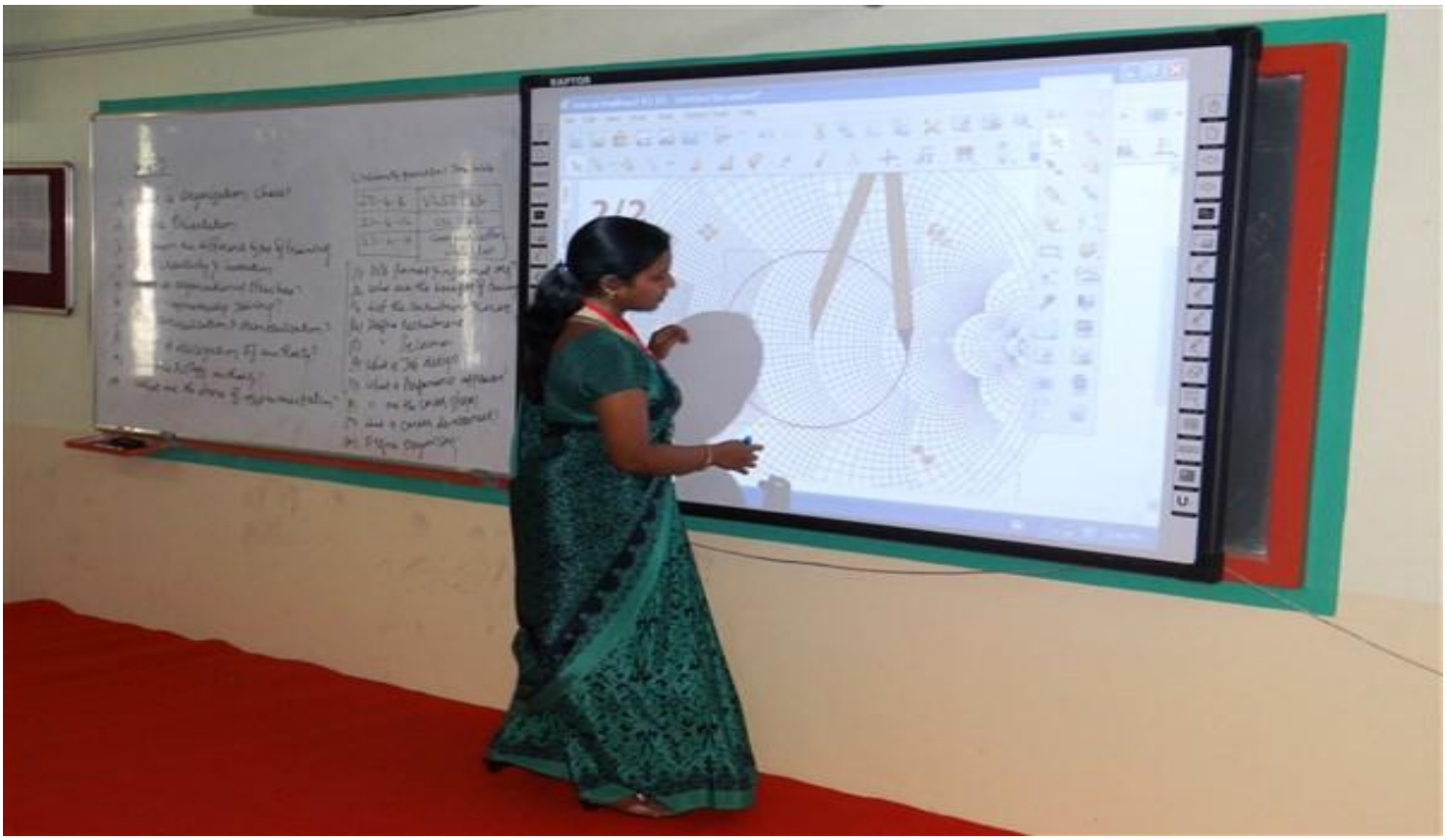
INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

SMART CLASSROOM




RAPTOR
1/1
Software Engineering Process
Communication
Planning
Modeling
construction
Deployment
⇒ Waterfall Model

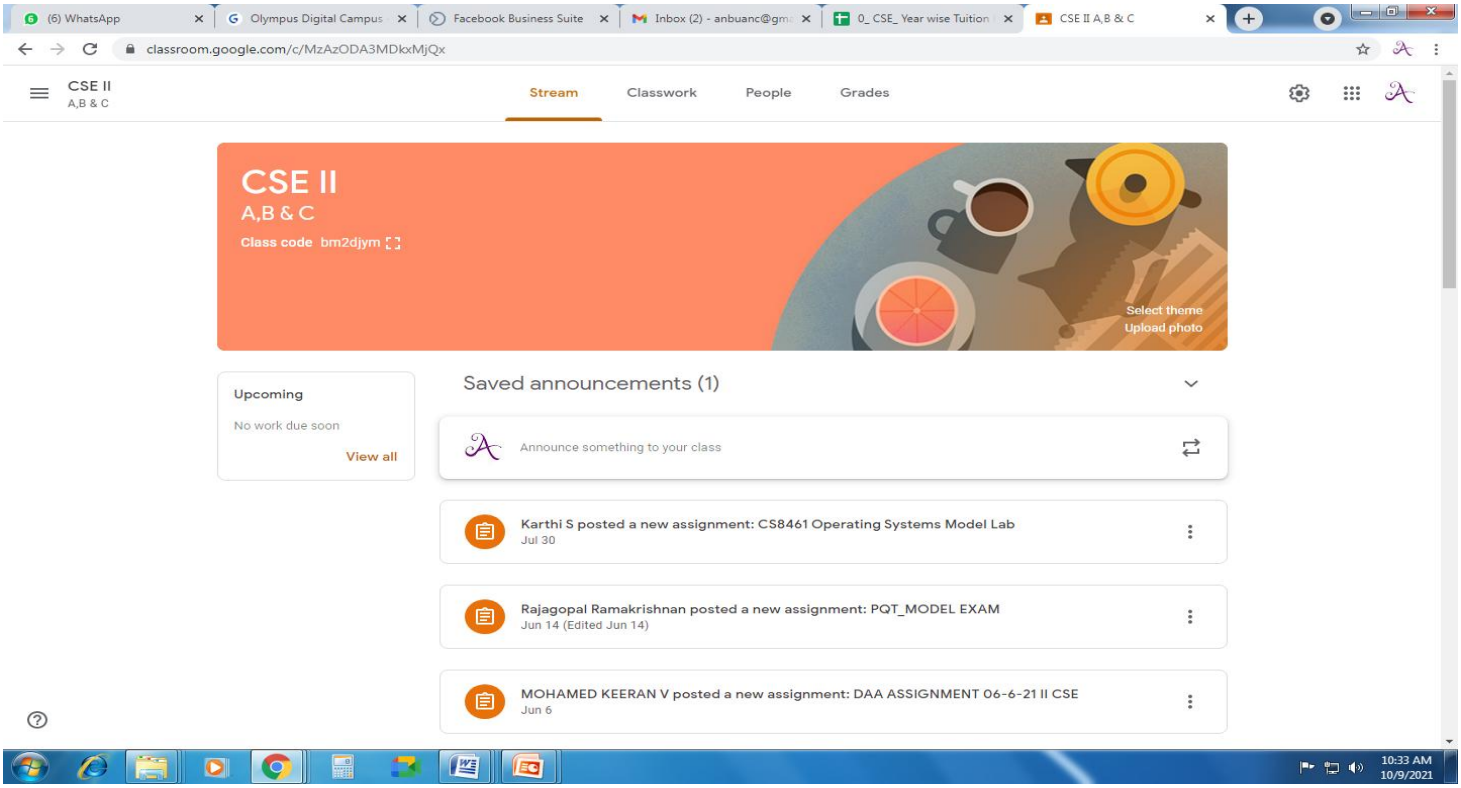

RAPTOR
1/1 Congestion control
Congestion control
Congestion control

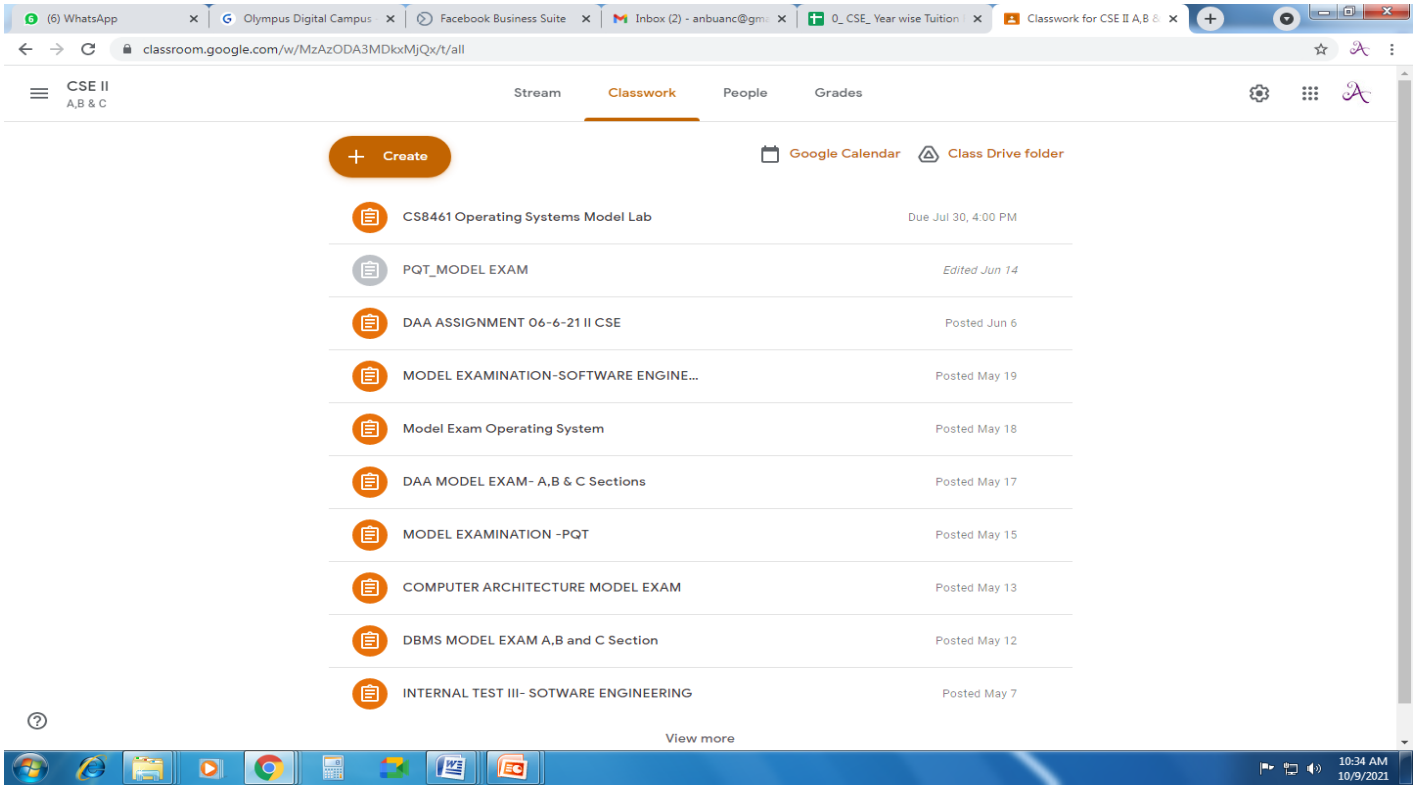


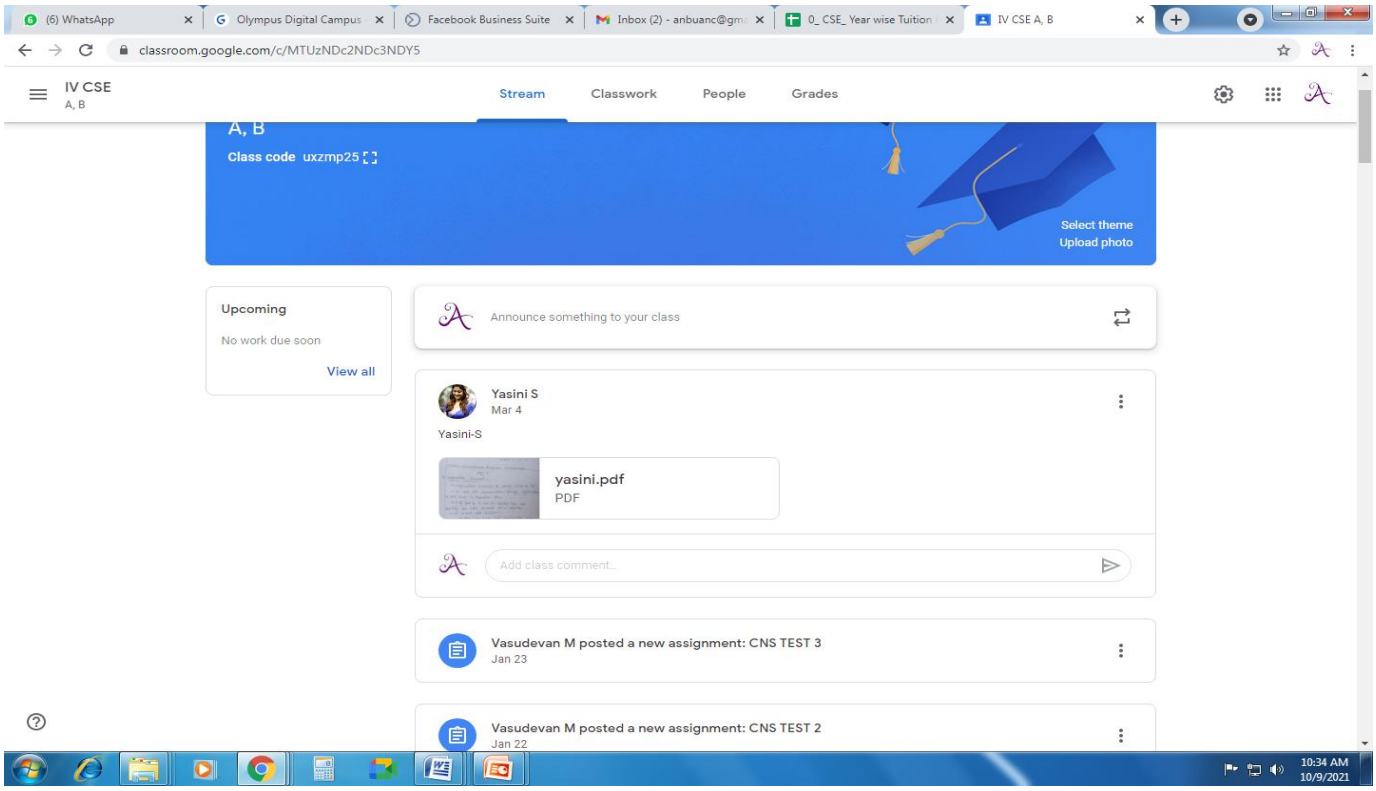
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

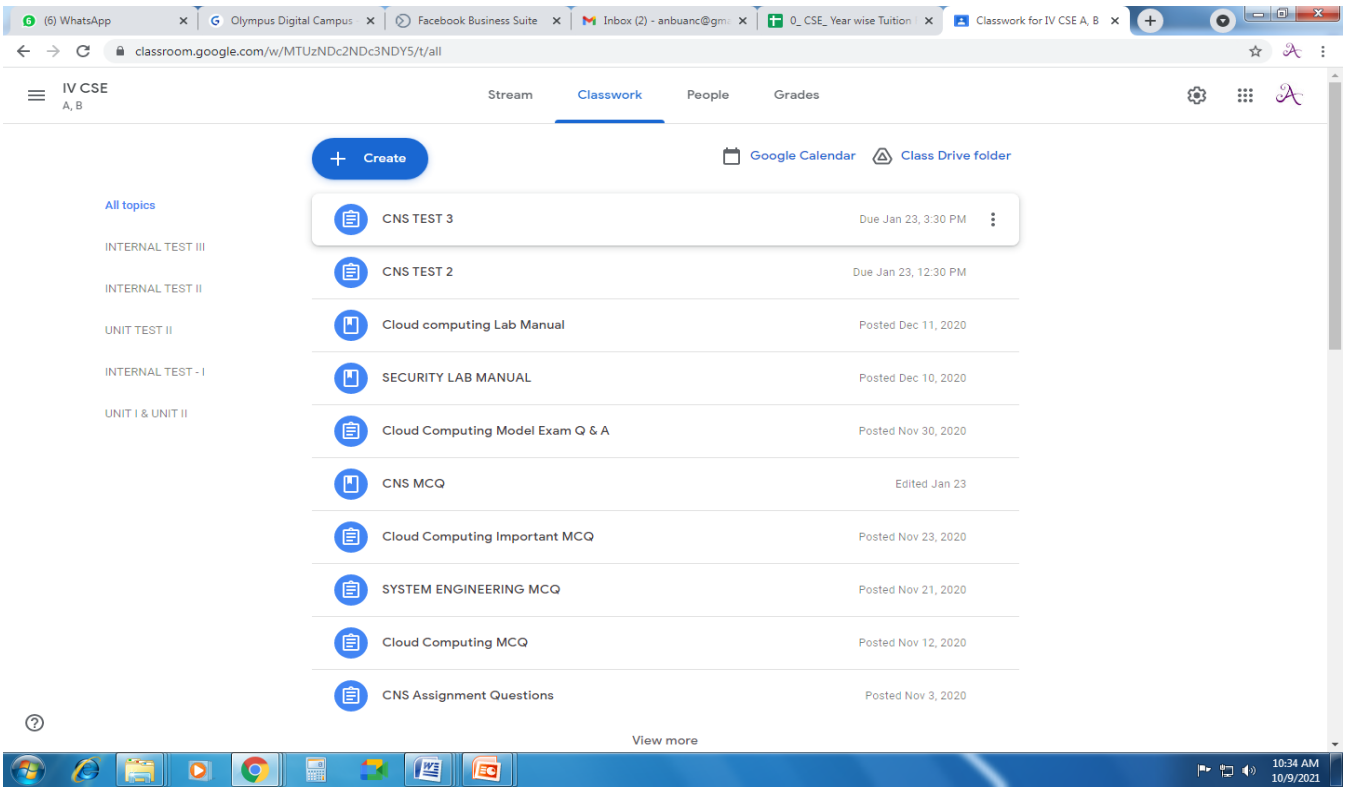
INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

GOOGLE CLASSROOM






(6) WhatsApp
Olympus Digital Campus
Facebook Business Suite
Inbox (2) - anbuanc@gm
0_ CSE_ Year wise Tuition
IV CSE A, B
classroom.google.com/c/MTUzNDc2NDc3NDY5
IV CSE
A, B
Stream
Classwork
People
Grades
A, B
Class code uxzmp25
Select theme
Upload photo
Upcoming
No work due soon
View all
Announce something to your class
Yasini S
Mar 4
Yasini-S
yasini.pdf
PDF
Add class comment...
Vasudevan M posted a new assignment: CNS TEST 3
Jan 23
Vasudevan M posted a new assignment: CNS TEST 2
Jan 22
10:34 AM
10/9/2021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Olympus Digital Campus
Facebook Business Suite
Inbox (2) - anbuanc@gm
0_ CSE_ Year wise Tuition
Classwork for IV CSE A, B
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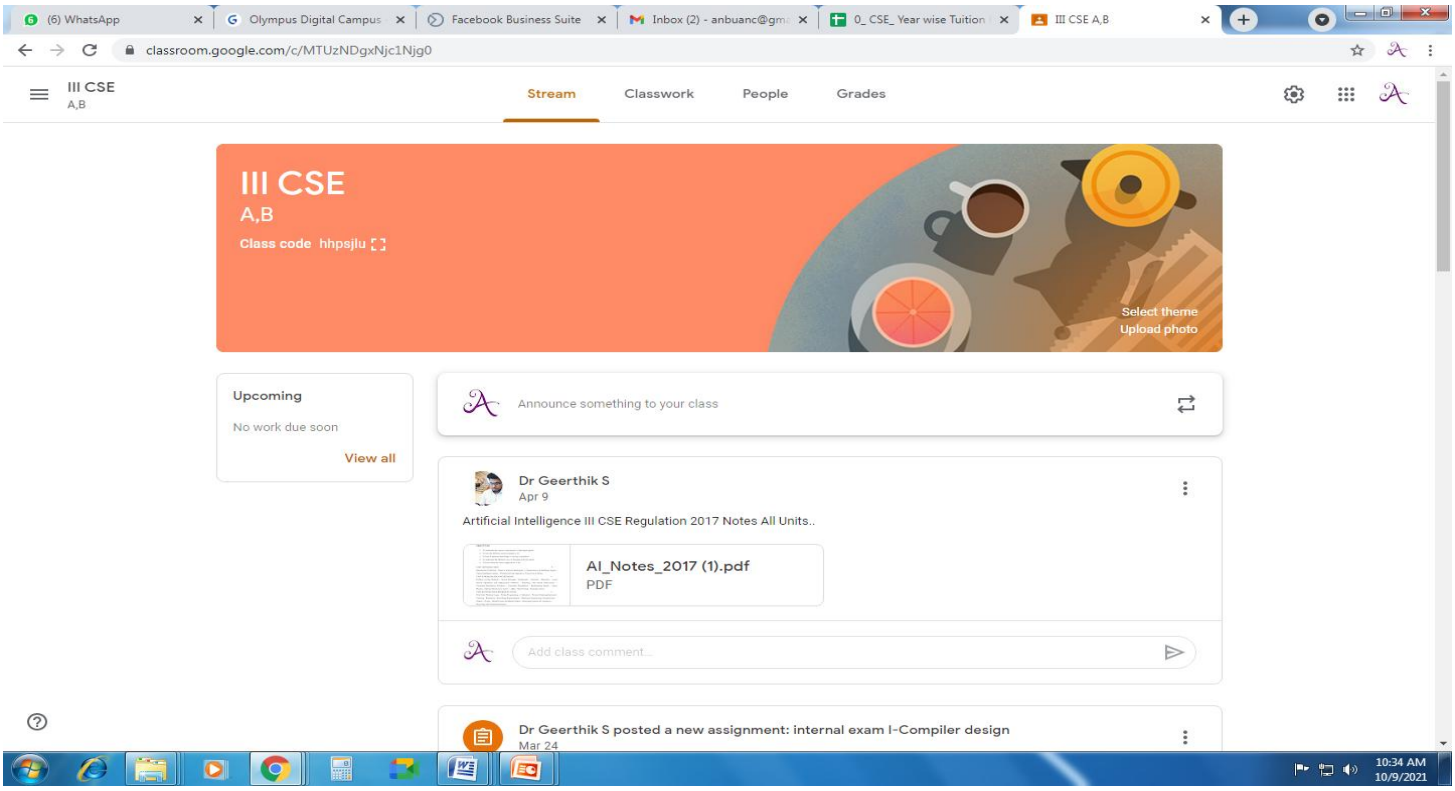
IV CSE
A, B
Stream
Classwork
People
Grades
Create
Google Calendar
Class Drive folder
All topics
INTERNAL TEST III
INTERNAL TEST II
UNIT TEST II
INTERNAL TEST - I
UNIT I & UNIT II
CNS TEST 3
Due Jan 23, 3:30 PM
CNS TEST 2
Due Jan 23, 12:30 PM
Cloud computing Lab Manual
Posted Dec 11, 2020
SECURITY LAB MANUAL
Posted Dec 10, 2020
Cloud Computing Model Exam Q & A
Posted Nov 30, 2020
CNS MCQ
Edited Jan 23
Cloud Computing Important MCQ
Posted Nov 23, 2020
SYSTEM ENGINEERING MCQ
Posted Nov 21, 2020
Cloud Computing MCQ
Posted Nov 12, 2020
CNS Assignment Questions
Posted Nov 3, 2020
View more
10:34 AM
10/9/2021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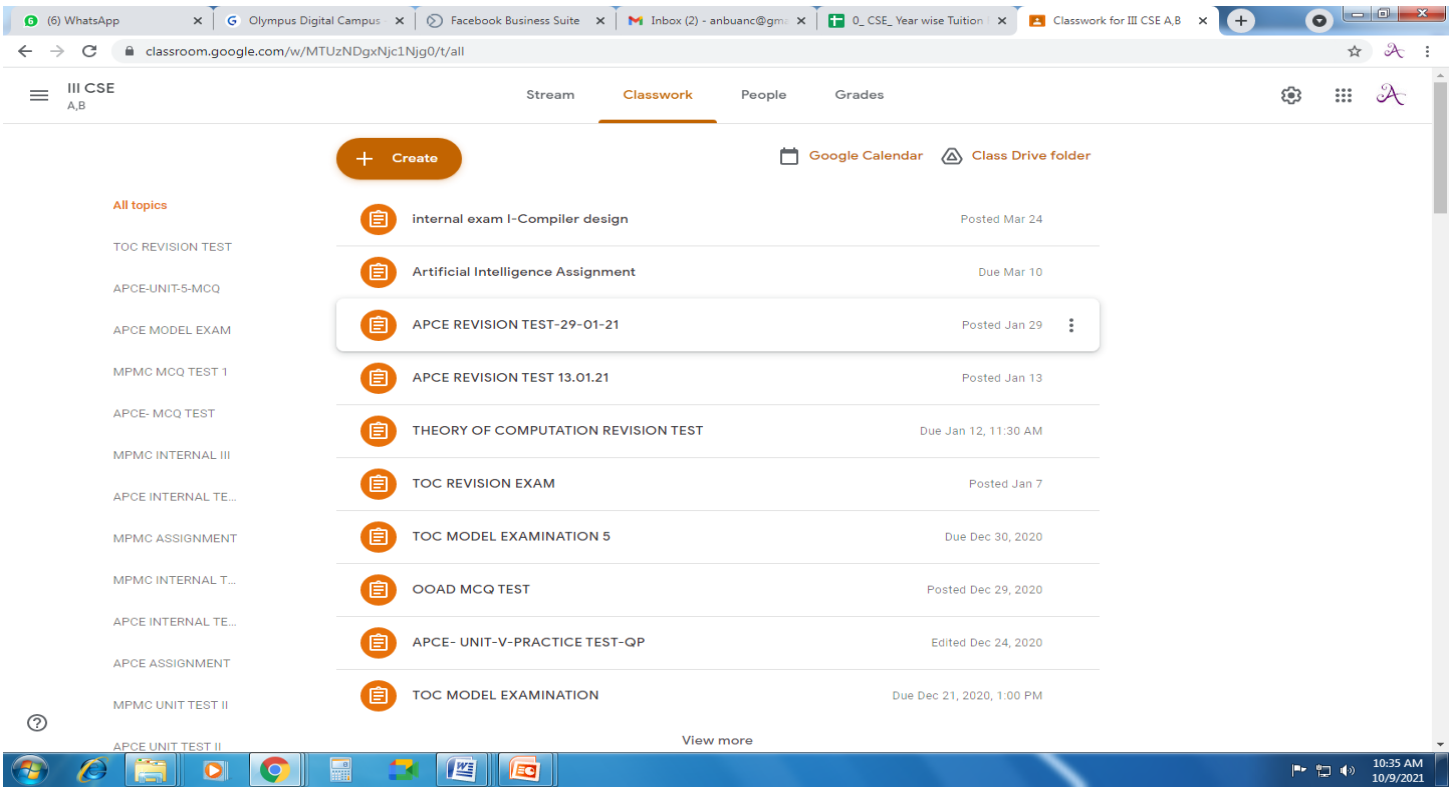
Olympus Digital Campus
Facebook Business Suite
Inbox (2) - anbuanc@gm
0_ CSE_ Year wise Tuition
III CSE A,B
classroom.google.com/c/MTUzNDgxNjc1Njg0
III CSE
A,B
Stream
Classwork
People
Grades
III CSE
A,B
Class code hhpsjlu
Select theme
Upload photo
Upcoming
No work due soon
View all
Announce something to your class
Dr Geerthik S
Apr 9
Artificial Intelligence III CSE Regulation 2017 Notes All Units..
AI_Notes_2017 (1).pdf
PDF
Add class comment...
Dr Geerthik S posted a new assignment: internal exam I-Compiler design
Mar 24
10:34 AM
10/9/2021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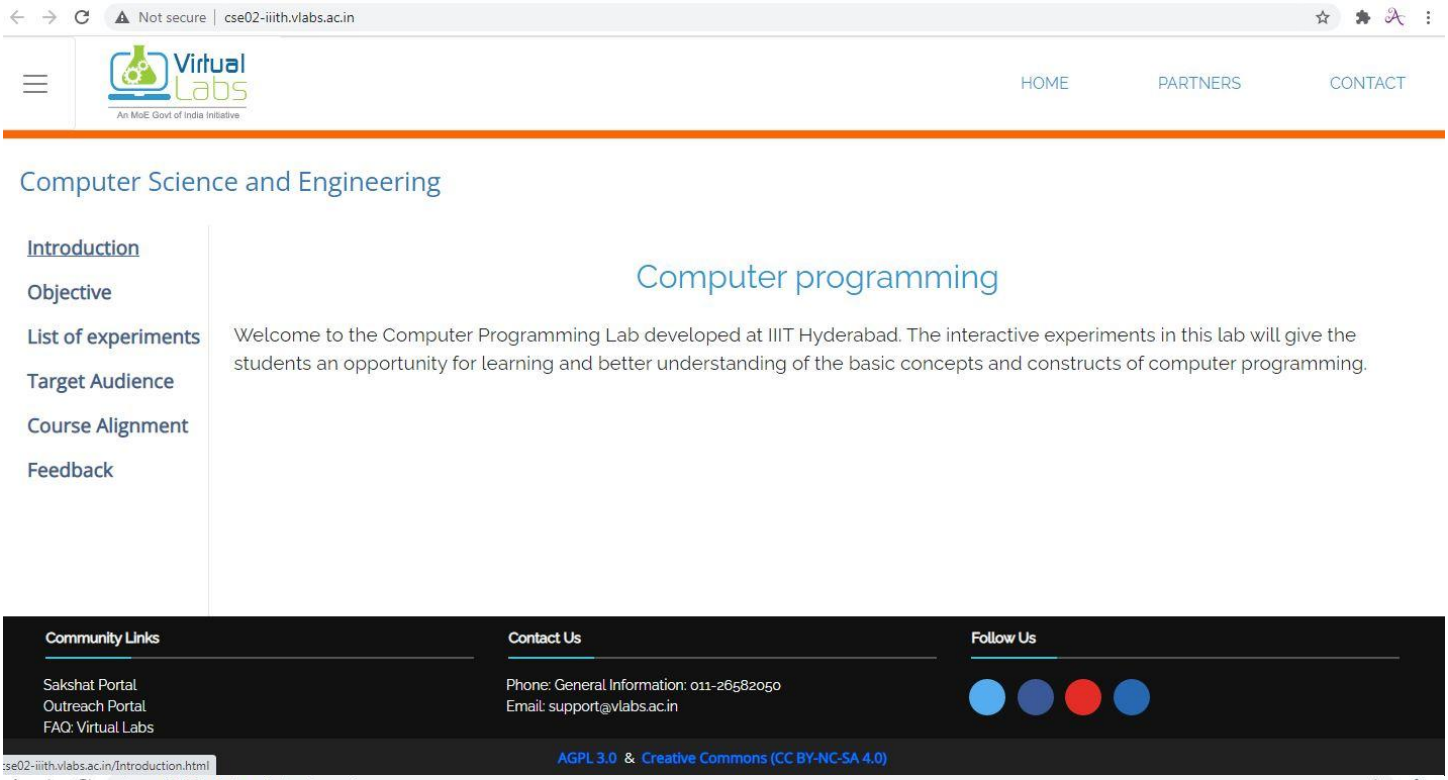
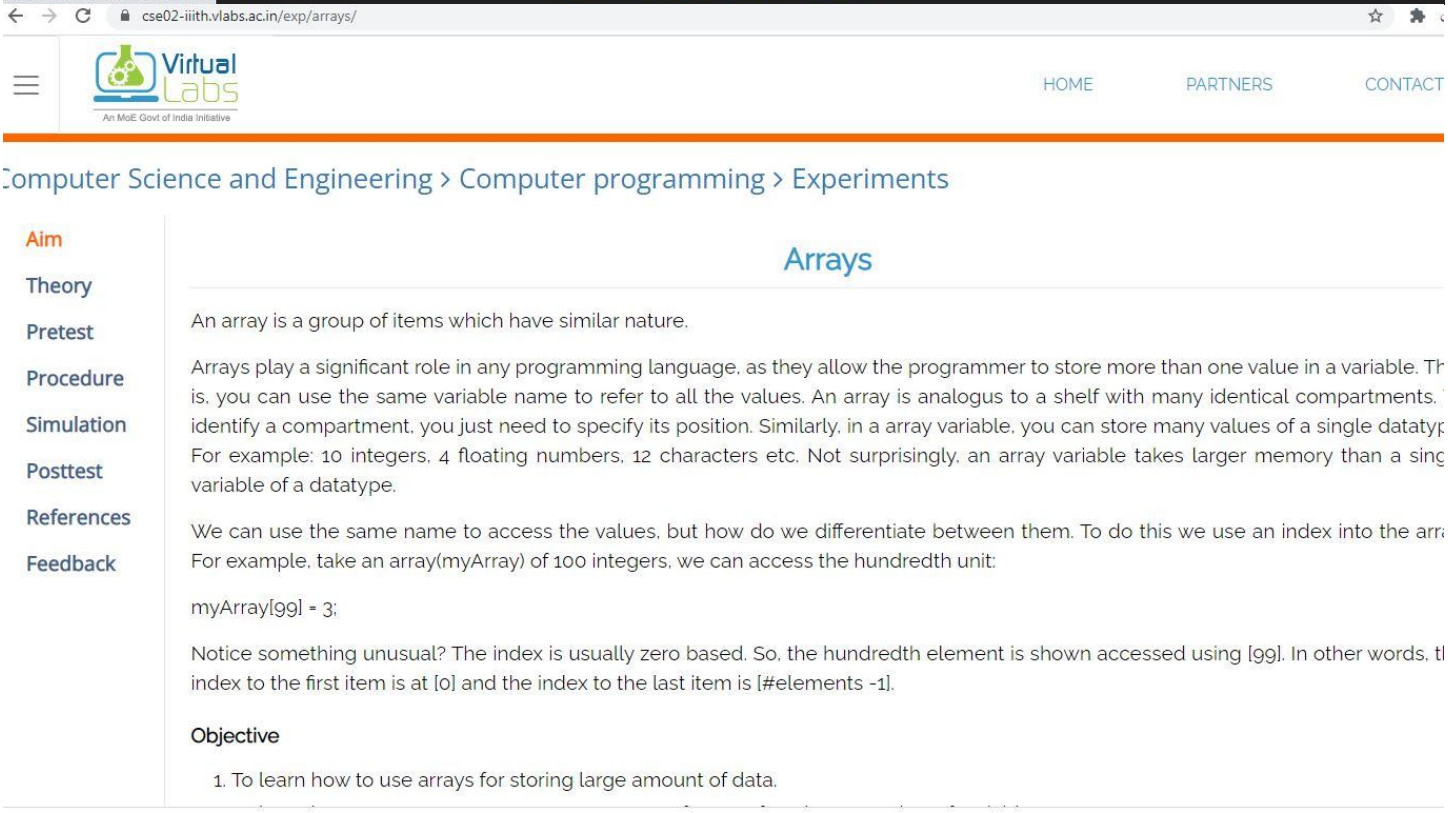
III CSE
A,B
Stream
Classwork
People
Grades
Create
Google Calendar
Class Drive folder
All topics
TOC REVISION TEST
APCE-UNIT-5-MCQ
APCE MODEL EXAM
MPMC MCQ TEST 1
APCE- MCQ TEST
MPMC INTERNAL III
APCE INTERNAL TE...
MPMC ASSIGNMENT
MPMC INTERNAL T...
APCE INTERNAL TE...
APCE ASSIGNMENT
MPMC UNIT TEST II
APCE UNIT TEST II
internal exam I-Compiler design
Posted Mar 24
Artificial Intelligence Assignment
Due Mar 10
APCE REVISION TEST-29-01-21
Posted Jan 29
APCE REVISION TEST 13.01.21
Posted Jan 13
THEORY OF COMPUTATION REVISION TEST
Due Jan 12, 11:30 AM
TOC REVISION EXAM
Posted Jan 7
TOC MODEL EXAMINATION 5
Due Dec 30, 2020
OOAD MCQ TEST
Posted Dec 29, 2020
APCE- UNIT-V-PRACTICE TEST-QP
Edited Dec 24, 2020
TOC MODEL EXAMINATION
Due Dec 21, 2020, 1:00 PM
View more
10:35 AM
10/9/2021

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

VIRTUAL LAB FACILITIES

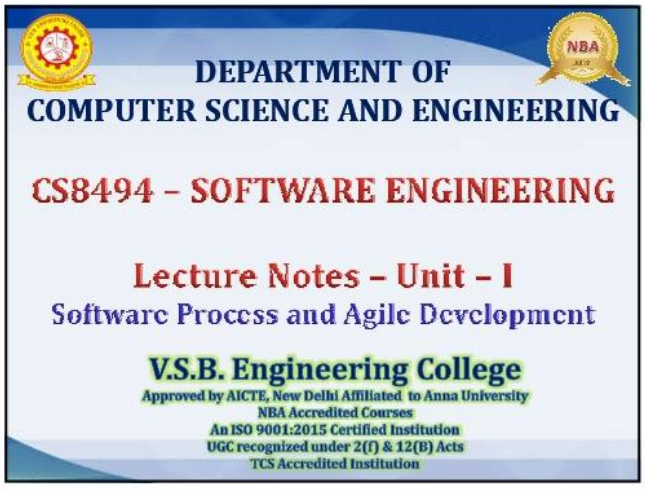


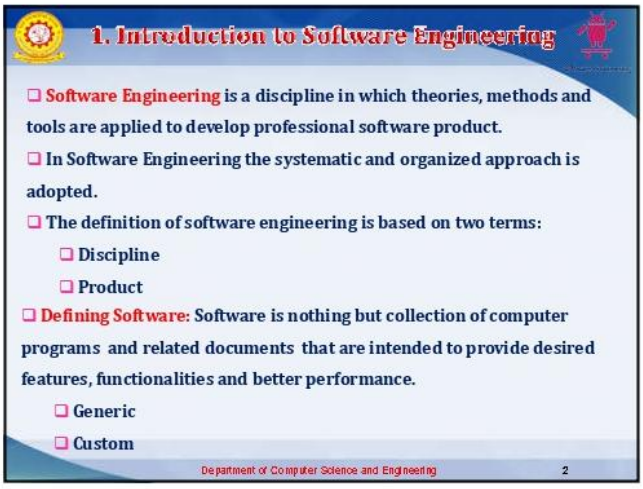


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

LCD PROJECTORS

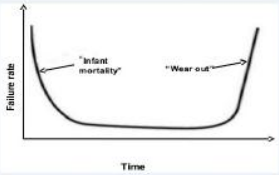


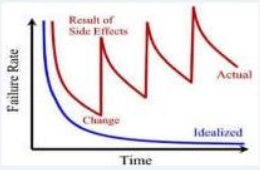


1. Introduction to Software Engineering

Software Characteristics:

- Software is Engineered, not Manufactured.
- Software Does not ware out.
- Most Software is custom built rather than being assembled from components.





1. Introduction to Software Engineering

Software Categories:

Based on the Complex growth of Software it can be classified into following categories,

- System Software
- Application Software
- Engineering / Scientific Software
- Embedded Software
- Web Applications
- Artificial Intelligence Software

2. Goals and Objectives of Software

- Satisfy User Requirements
- High Reliability
- Low Maintenance Cost
- Delivery on Time
- Low Production Cost
- High Performance
- Ease of Use

3. Diff. B/W Program and Software Product

S.No.	Program	Software Product
1	It is developed by individual User and used for personal use	It is developed by multiple users and used by large number of people
2	Programs are small in size and possessing limited functionality	Software Product consists of multiple codes, related documents such as SRS, User Manuals, test cases and So on.
3	One Person can use software at a time	More number of Persons can work Together

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

VIDEO LECTURES

Great Learning

Search for a batch

B.E CSE - III YEAR

Batch 2019 - Semester 5

Edit details

People | Online Classes | Assessments | Courses | Track

Upcoming classes | Completed classes

+ Schedule online class

October 2021

OBJECT ORIENTED ANALYSIS AND DESIGN by Mohamed Keeran V
Deployment diagram
09 Oct, 09:15 AM - 10:15 AM Meeting ID: 95994418753 Attendance: 93%
View Recording

COMPUTER NETWORKS by NANDHINI DEVI
computer networks
08 Oct, 02:30 PM - 04:00 PM Meeting ID: 99559685771 Attendance: 74% User Feedback: 4.91
View Recording

MICROPROCESSOR AND MICRO CONTROLLER by Dr.I.KATHIR
DMA controller
08 Oct, 01:30 PM - 02:30 PM Meeting ID: 93095455988 Attendance: 79% User Feedback: 4.85
View Recording

OBJECT ORIENTED ANALYSIS AND DESIGN by Mohamed Keeran V

ninja.greatlearning.in/online_session/recordings?mentored_session_id=765392

Great Learning

Online Session Recording

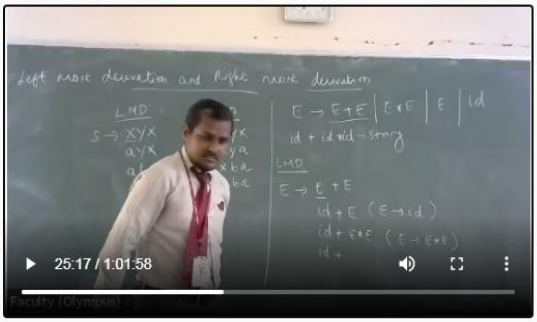
7 Oct - Routing protocols and algorithms

Recording visible to students YES

If needed, generate a shareable URL to share the entire page recording(s) with the students, mentors or content team.
Note: Shareable URL will show hidden recordings only to internal users (Ninjas) and not to students or mentors.

Generate Shareable URL

4 Oct - Deterministic PDA



Recording visible to students YES

If needed, generate a shareable URL to share the entire page recording(s) with the students, mentors or content team.
Note: Shareable URL will show hidden recordings only to internal users (Ninjas) and not to students or mentors.

Generate Shareable URL

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

POWER POINT PRESENTATIONS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CS8494 – SOFTWARE ENGINEERING

Lecture Notes – Unit – I

Software Process and Agile Development

V.S.B. Engineering College

Approved by AICTE, New Delhi Affiliated to Anna University
NBA Accredited Courses
An ISO 9001:2015 Certified Institution
UGC recognized under 2(f) & 12(B) Acts
TCS Accredited Institution

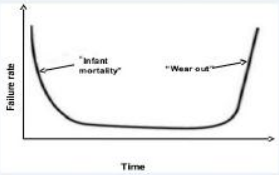
1. Introduction to Software Engineering

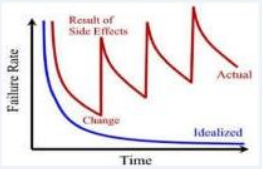
- **Software Engineering** is a discipline in which theories, methods and tools are applied to develop professional software product.
- In Software Engineering the systematic and organized approach is adopted.
- The definition of software engineering is based on two terms:
  - Discipline
  - Product
- **Defining Software:** Software is nothing but collection of computer programs and related documents that are intended to provide desired features, functionalities and better performance.
  - Generic
  - Custom

1. Introduction to Software Engineering

Software Characteristics:

- Software is Engineered, not Manufactured.
- Software Does not ware out.
- Most Software is custom built rather than being assembled from components.





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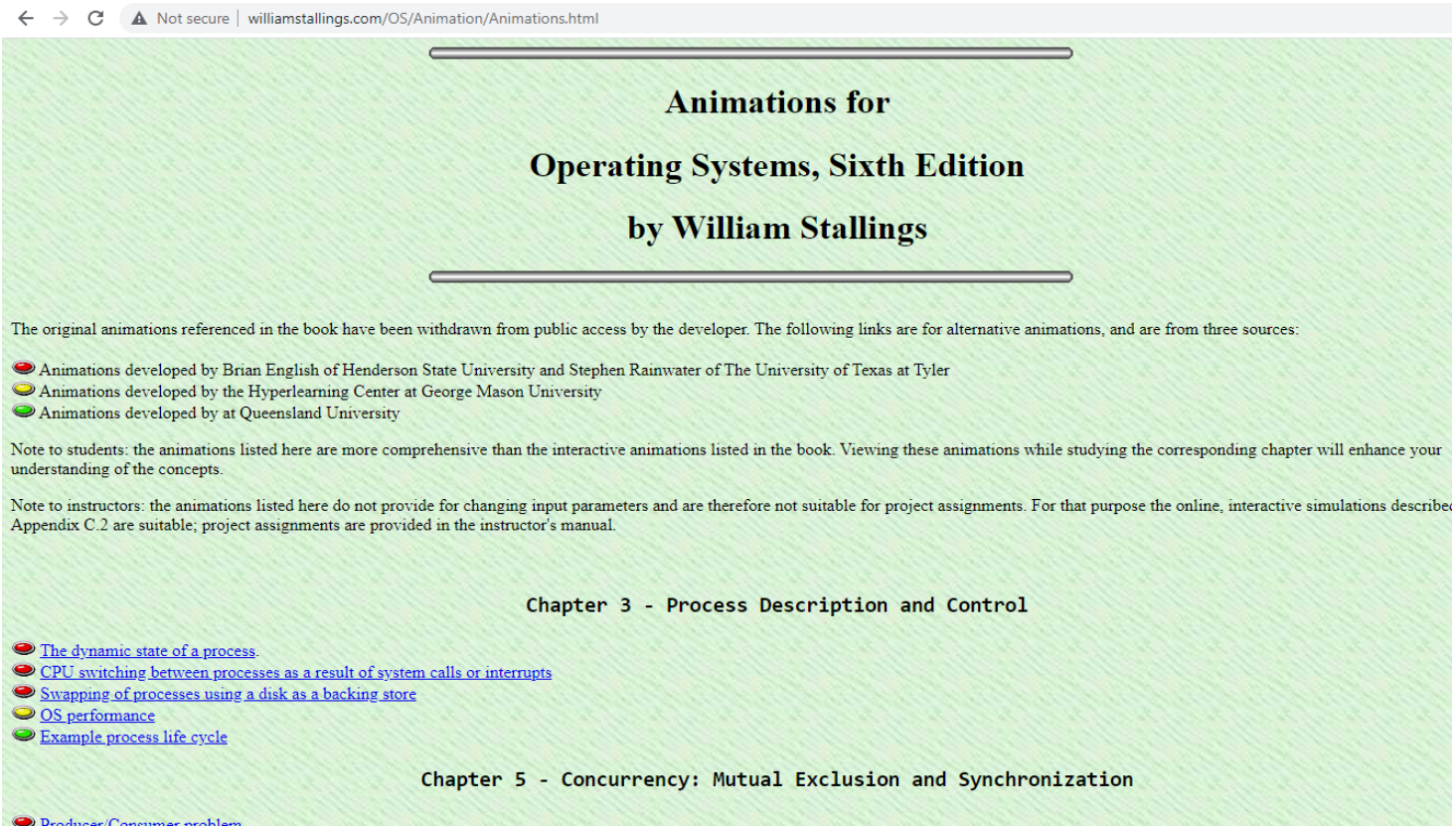
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

ANIMATED VIDEOS

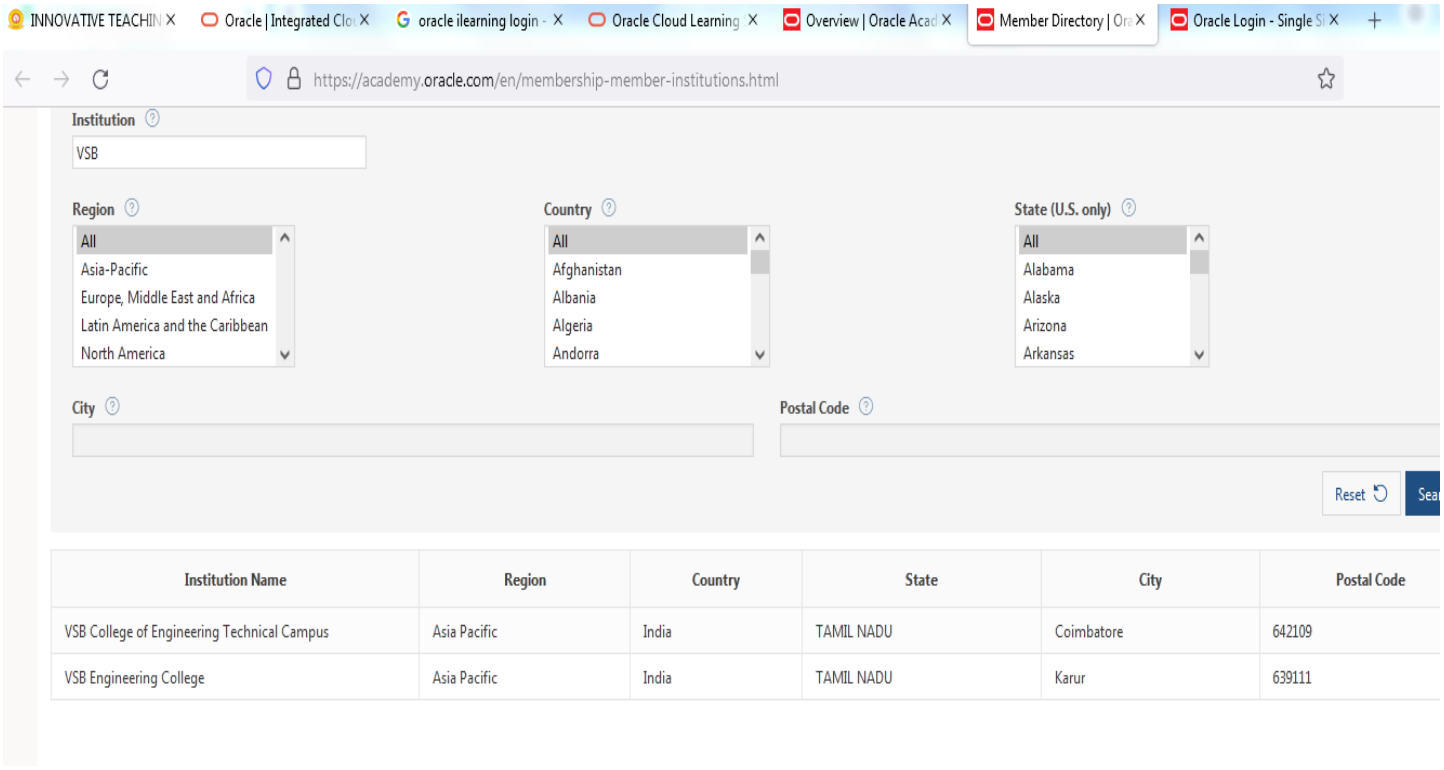
S. NO.	COURSE NAME	URL FOR ANIMATED IMAGES / VIDEOS
1	Computer Networks	http://www.animatedgif.net/computers/computers.shtml
2	Computer Networks	https://www.nsf.gov/news/news_videos.jsp?org=NSF&cntn_id=104467&preview=false&media_id=55918
3	DAA	http://www3.cs.stonybrook.edu/~skiena/combinatorica/animations/dijkstra.html
4	Computer Graphics	http://www.authorstream.com/Presentation/sanuphilip-1422550-bresenham-circle-drawing-algorithm/
5	Operating System	http://williamstallings.com/OS/Animation/Animations.html



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

VALUE ADDED COURSES - ONLINE



Institution Name	Region	Country	State	City	Postal Code
VSB College of Engineering Technical Campus	Asia Pacific	India	TAMIL NADU	Coimbatore	642109
VSB Engineering College	Asia Pacific	India	TAMIL NADU	Karur	639111

ORACLE
Academy

AWARD *of* ACHIEVEMENT

PRESENTED TO

ANANDH S

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Java Fundamentals

FINAL EXAM

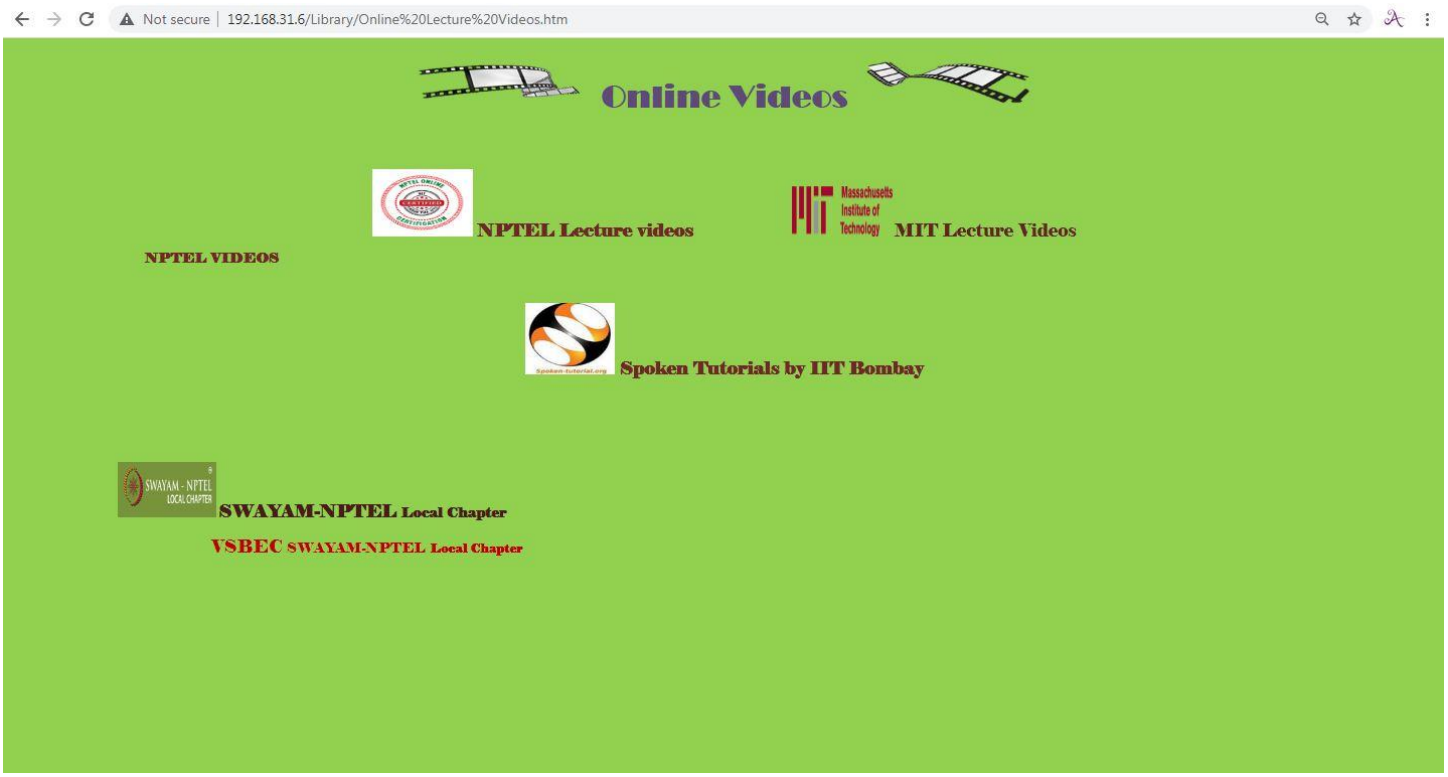
on 03-Nov-20

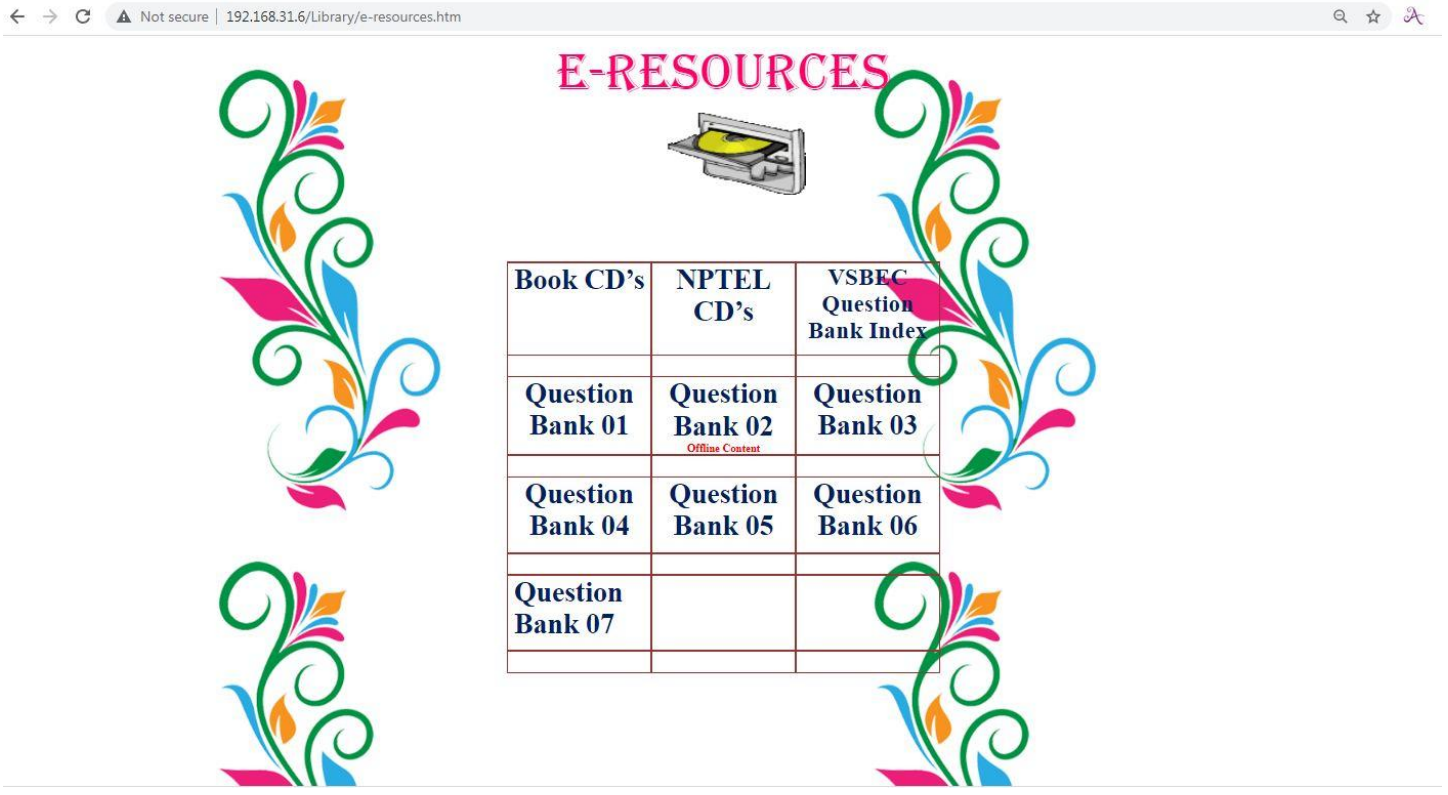
Oracle Academy Instructor (Mr.V.Kumararaja)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

NPTEL LIBRARY SESSIONS

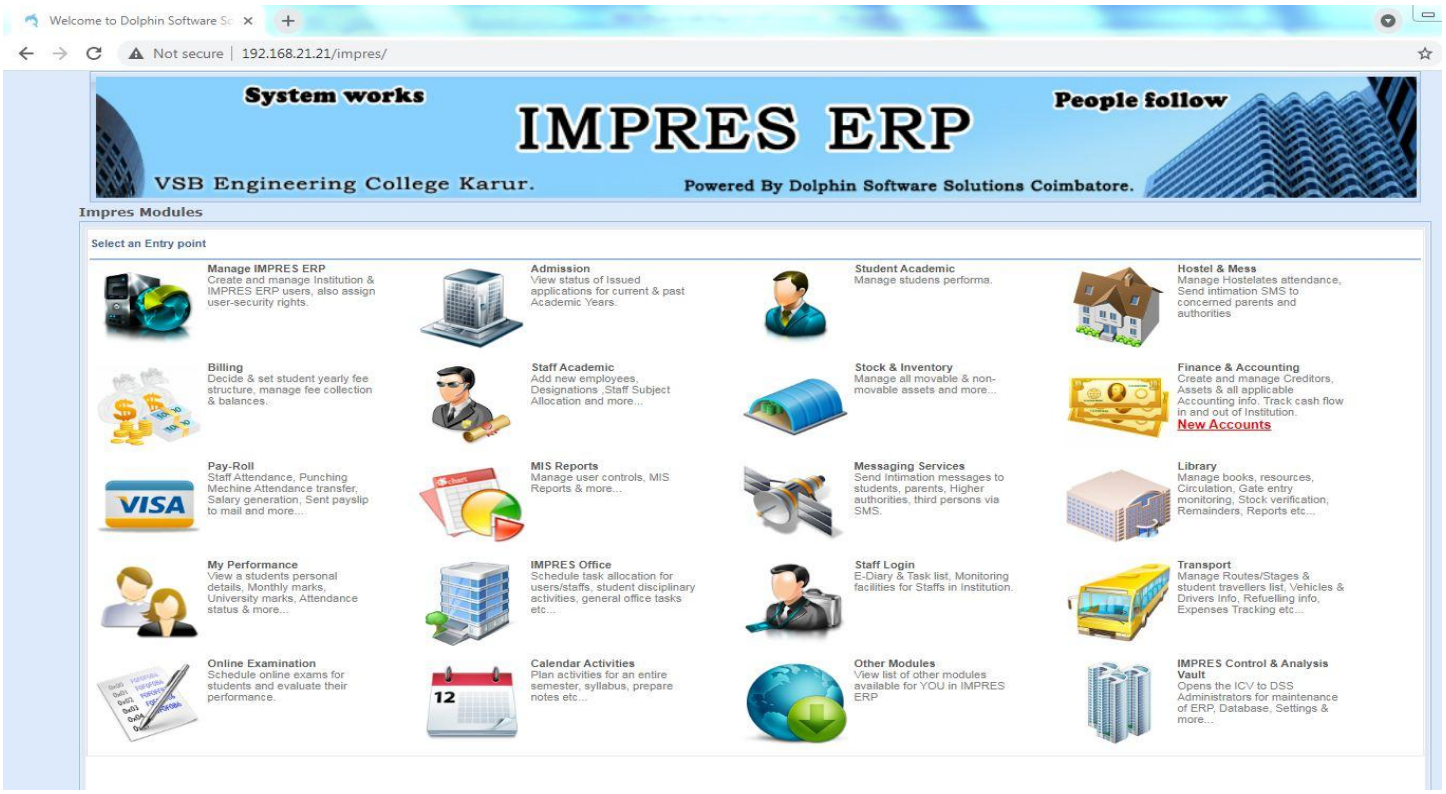


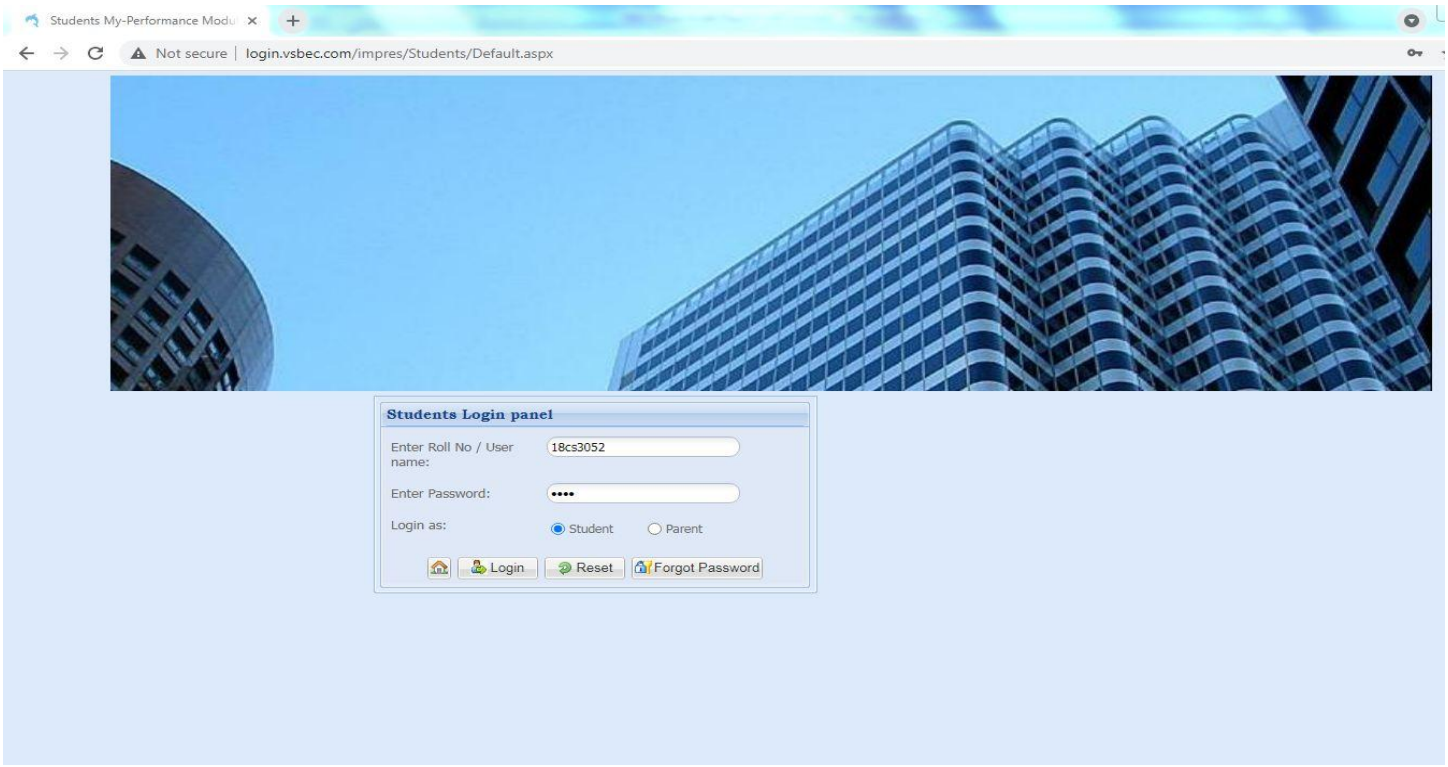


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

IMPRES - LMS

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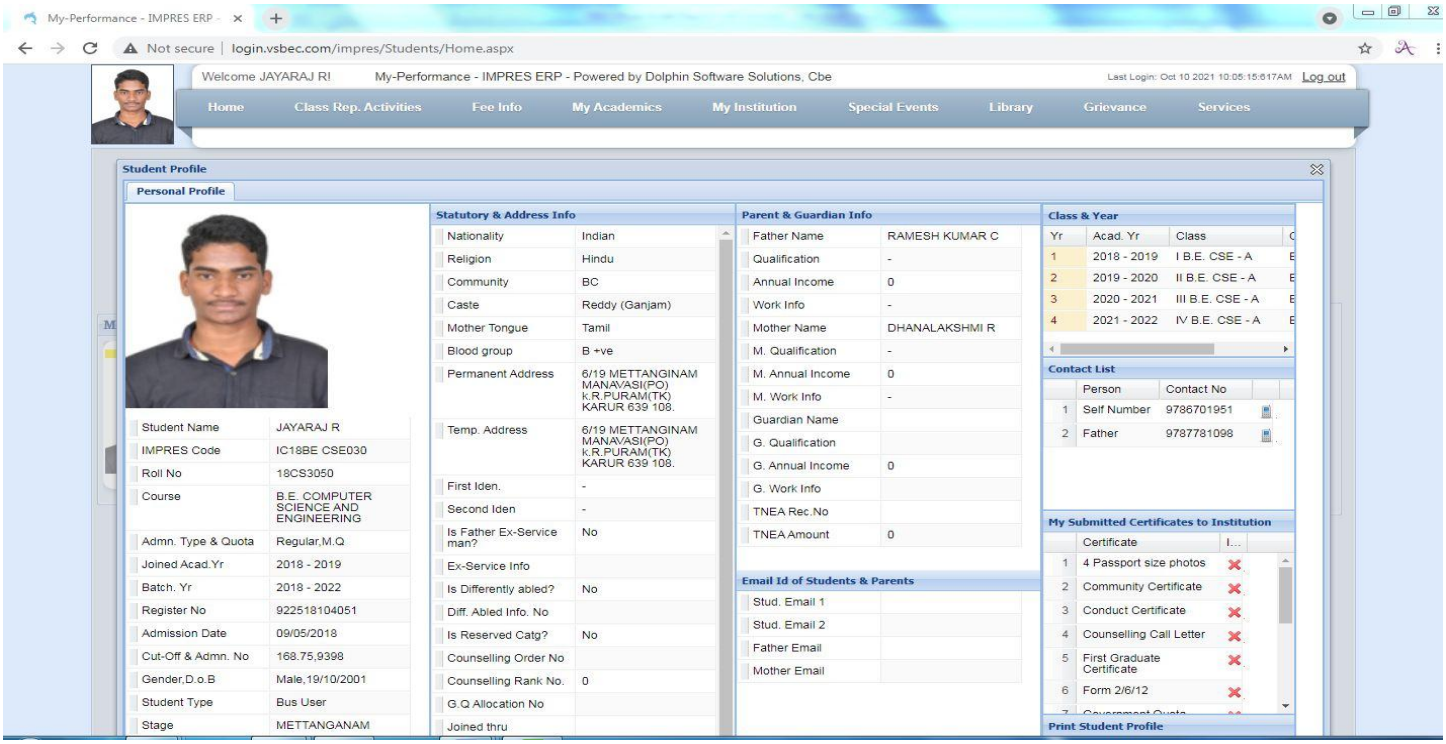
Students Login panel
Enter Roll No / User name:
18cs3052
Enter Password:
Login as:
Student
Parent
Login
Reset
Forgot Password


My-Performance - IMPRES ERP
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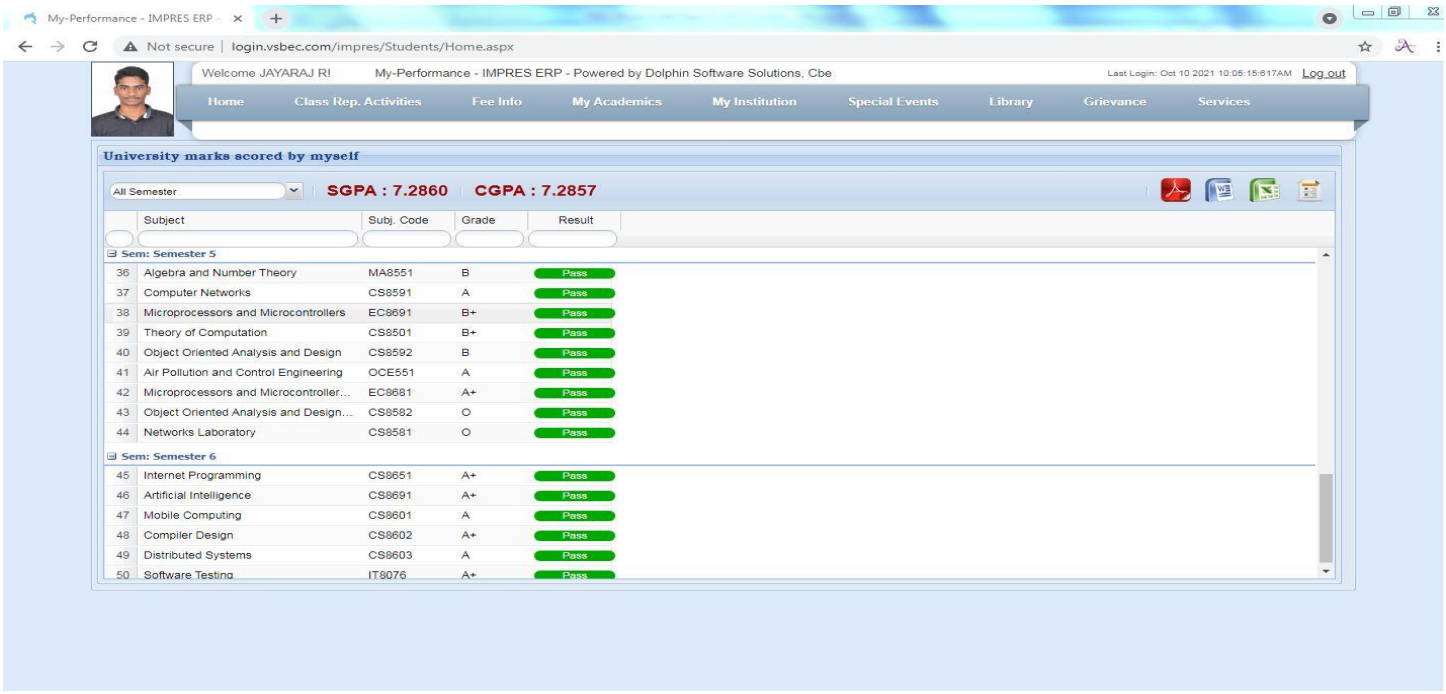
Welcome JAYARAJ R!
My-Performance - IMPRES ERP - Powered by Dolphin Software Solutions, Cbe
Last Login: Oct 10 2021 10:05:15:617AM
Log out
Home
Class Rep. Activities
Fee Info
My Academics
My Institution
Special Events
Library
Grievance
Services
Student Profile
Personal Profile
Student Name JAYARAJ R
IMPRES Code IC18BE CSE030
Roll No 18CS3050
Course B.E. COMPUTER SCIENCE AND ENGINEERING
Admn. Type & Quota Regular,M.Q
Joined Acad.Yr 2018 - 2019
Batch. Yr 2018 - 2022
Register No 922518104051
Admission Date 09/05/2018
Cut-Off & Admn. No 168.75,9398
Gender,D.o.B Male,19/10/2001
Student Type Bus User
Stage METTANGANAM
Statutory & Address Info
Nationality Indian
Religion Hindu
Community BC
Caste Reddy (Ganjam)
Mother Tongue Tamil
Blood group B +ve
Permanent Address 6/19 METTANGINAM MANAVASI(PO) k.R.PURAM(TK) KARUR 639 108.
Temp. Address 6/19 METTANGINAM MANAVASI(PO) k.R.PURAM(TK) KARUR 639 108.
First Iden.
Second Iden
Is Father Ex-Service man? No
Ex-Service Info
Is Differently abled? No
Diff. Abled Info. No
Is Reserved Catg? No
Counselling Order No
Counselling Rank No. 0
G.Q Allocation No
Joined thru
Parent & Guardian Info
Father Name RAMESH KUMAR C
Qualification -
Annual Income 0
Work Info -
Mother Name DHANALAKSHMI R
M. Qualification -
M. Annual Income 0
M. Work Info -
Guardian Name
G. Qualification
G. Annual Income 0
G. Work Info
TNEA Rec.No
TNEA Amount 0
Email Id of Students & Parents
Stud. Email 1
Stud. Email 2
Father Email
Mother Email
Class & Year
Yr Acad. Yr Class
1 2018 - 2019 I B.E. CSE - A
2 2019 - 2020 II B.E. CSE - A
3 2020 - 2021 III B.E. CSE - A
4 2021 - 2022 IV B.E. CSE - A
Contact List
Person Contact No
1 Self Number 9786701951
2 Father 9787781098
My Submitted Certificates to Institution
Certificate
1 4 Passport size photos
2 Community Certificate
3 Conduct Certificate
4 Counselling Call Letter
5 First Graduate Certificate
6 Form 2/6/12
Print Student Profile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Welcome JAYARAJ R!
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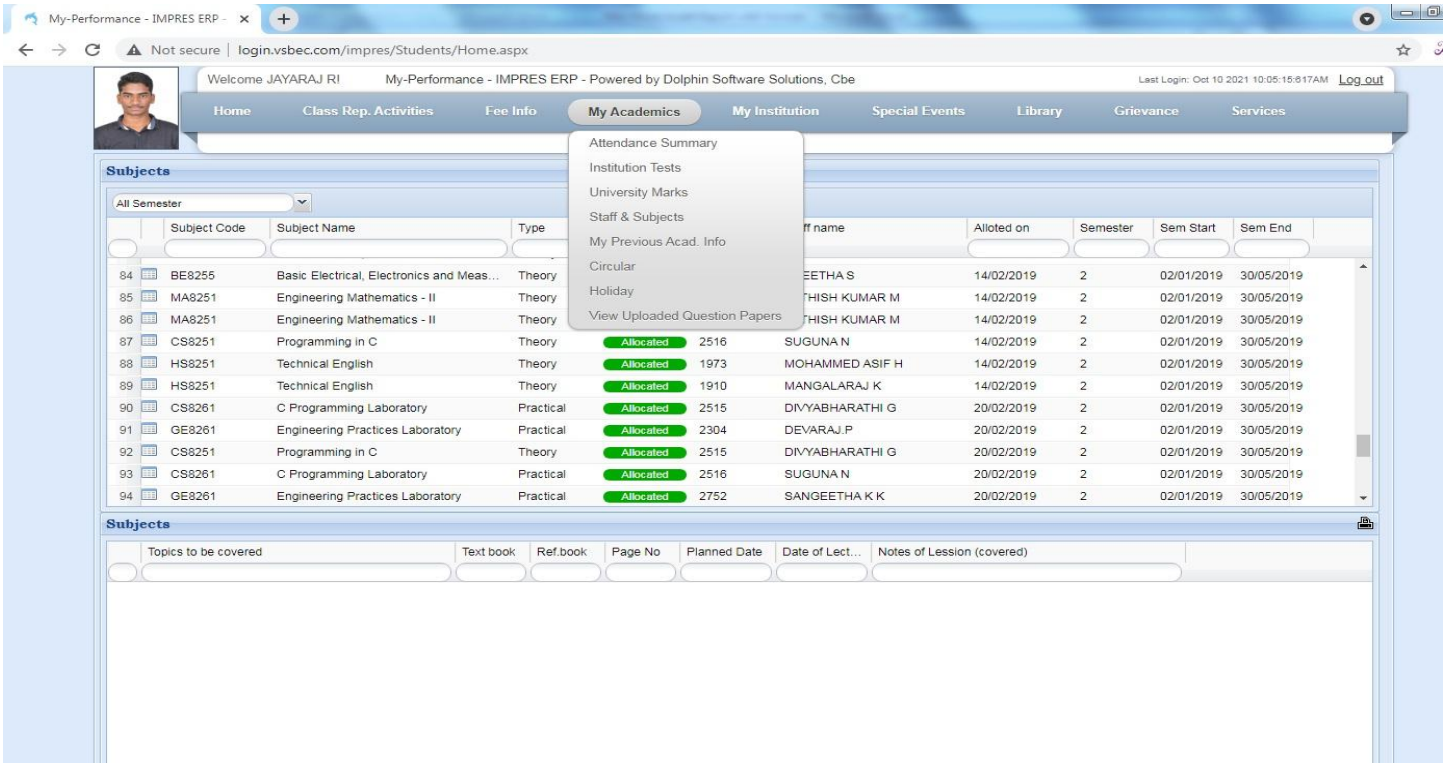
Log out
Home
Class Rep. Activities
Fee Info
My Academics
My Institution
Special Events
Library
Grievance
Services
University marks scored by myself
All Semester
SGPA : 7.2860
CGPA : 7.2857
Subject
Subj. Code
Grade
Result
Sem: Semester 5
36 Algebra and Number Theory MA8551 B Pass
37 Computer Networks CS8591 A Pass
38 Microprocessors and Microcontrollers EC8691 B+ Pass
39 Theory of Computation CS8501 B+ Pass
40 Object Oriented Analysis and Design CS8592 B Pass
41 Air Pollution and Control Engineering OCE551 A Pass
42 Microprocessors and Microcontroller... EC8681 A+ Pass
43 Object Oriented Analysis and Design... CS8582 O Pass
44 Networks Laboratory CS8581 O Pass
Sem: Semester 6
45 Internet Programming CS8651 A+ Pass
46 Artificial Intelligence CS8691 A+ Pass
47 Mobile Computing CS8601 A Pass
48 Compiler Design CS8602 A+ Pass
49 Distributed Systems CS8603 A Pass
50 Software Testing IT8076 A+ Pass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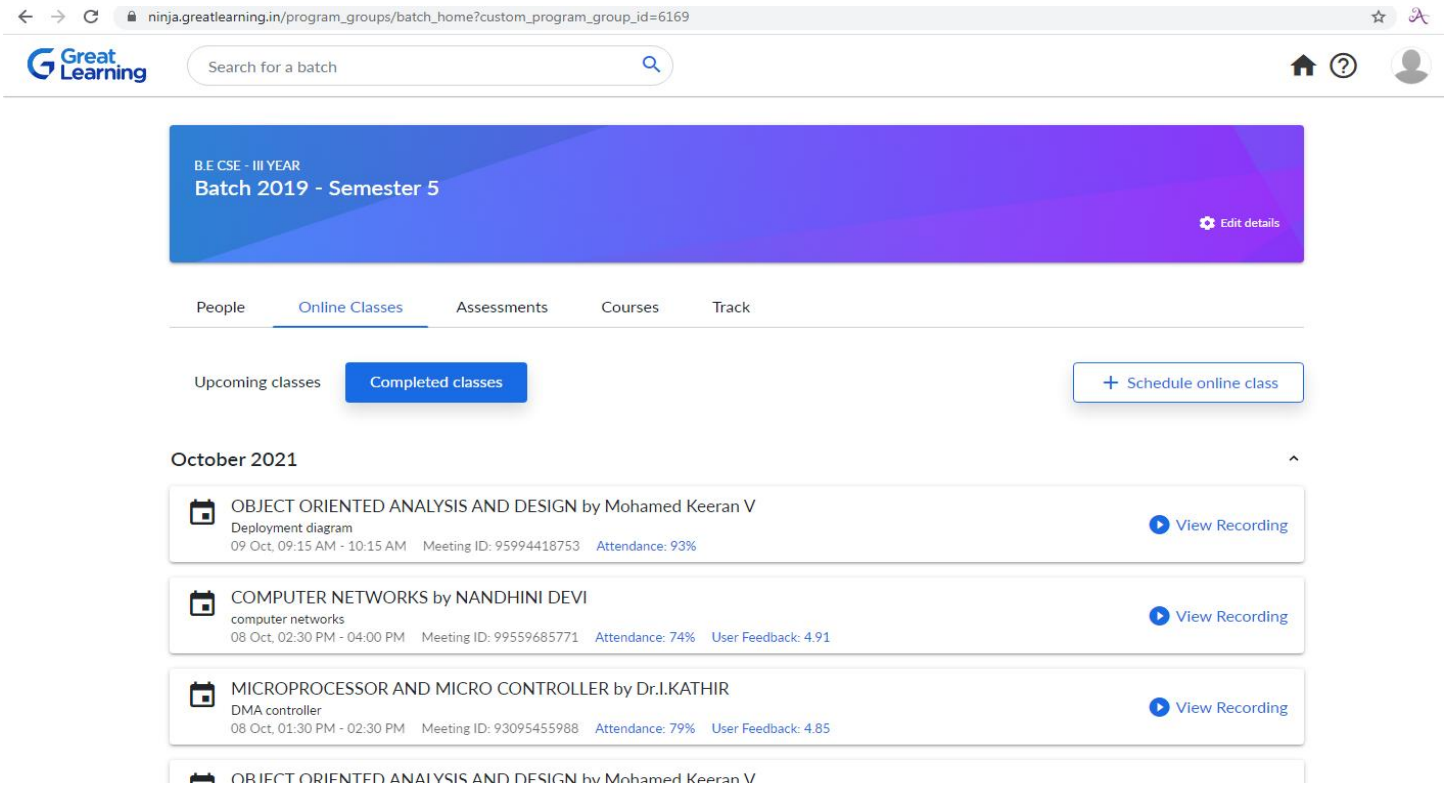
Not secure | login.vsbec.com/impres/Students/Home.aspx
Welcome JAYARAJ RI
My-Performance - IMPRES ERP - Powered by Dolphin Software Solutions, Cbe
Last Login: Oct 10 2021 10:05:15:617AM
Log out
Home
Class Rep. Activities
Fee Info
My Academics
My Institution
Special Events
Library
Grievance
Services
Attendance Summary
Institution Tests
University Marks
Staff & Subjects
My Previous Acad. Info
Circular
Holiday
View Uploaded Question Papers
Subjects
All Semester
Subject Code
Subject Name
Type
Alloted on
Semester
Sem Start
Sem End
84 BE8255 Basic Electrical, Electronics and Meas... Theory 14/02/2019 2 02/01/2019 30/05/2019
85 MA8251 Engineering Mathematics - II Theory 14/02/2019 2 02/01/2019 30/05/2019
86 MA8251 Engineering Mathematics - II Theory 14/02/2019 2 02/01/2019 30/05/2019
87 CS8251 Programming in C Theory Allocated 2516 SUGUNA N 14/02/2019 2 02/01/2019 30/05/2019
88 HS8251 Technical English Theory Allocated 1973 MOHAMMED ASIF H 14/02/2019 2 02/01/2019 30/05/2019
89 HS8251 Technical English Theory Allocated 1910 MANGALARAJ K 14/02/2019 2 02/01/2019 30/05/2019
90 CS8261 C Programming Laboratory Practical Allocated 2515 DIVYABHARATHI G 20/02/2019 2 02/01/2019 30/05/2019
91 GE8261 Engineering Practices Laboratory Practical Allocated 2304 DEVARAJ.P 20/02/2019 2 02/01/2019 30/05/2019
92 CS8251 Programming in C Theory Allocated 2515 DIVYABHARATHI G 20/02/2019 2 02/01/2019 30/05/2019
93 CS8261 C Programming Laboratory Practical Allocated 2516 SUGUNA N 20/02/2019 2 02/01/2019 30/05/2019
94 GE8261 Engineering Practices Laboratory Practical Allocated 2752 SANGEETHA K K 20/02/2019 2 02/01/2019 30/05/2019
Subjects
Topics to be covered
Text book
Ref.book
Page No
Planned Date
Date of Lect...
Notes of Lession (covered)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

OLYMPUS - GREAT LEARNING



7 Oct - Routing protocols and algorithms

Recording visible to students YES

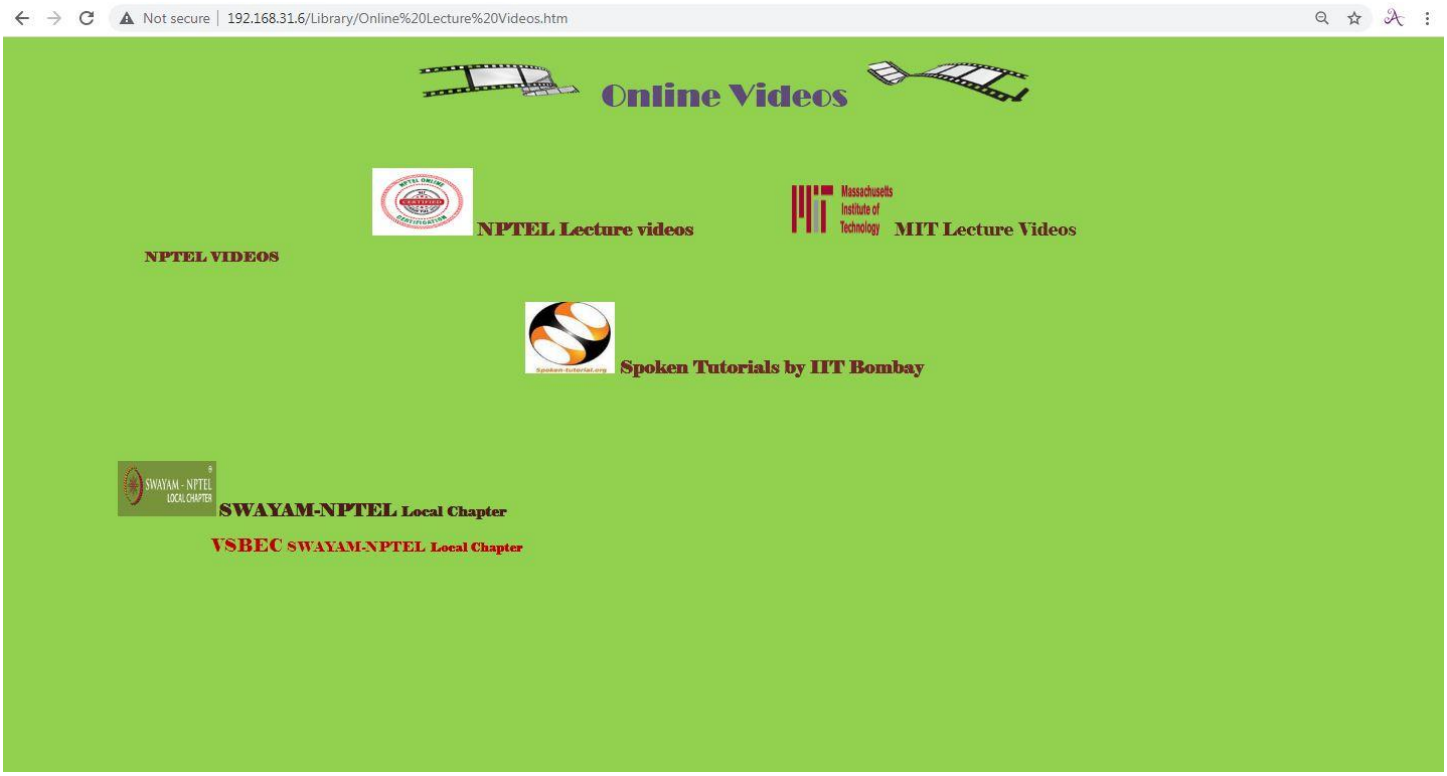
If needed, generate a shareable URL to share the entire page recording(s) with the students, mentors or content team.
Note: Shareable URL will show hidden recordings only to internal users (Ninjas) and not to students or mentors.

Generate Shareable URL

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

NPTEL VIDEO LINKS



Title of NPTEL videos in Central Library

S. No.	Ref no.	Title
1.	NPTEL 1	Artificial Intelligence Lect. No (1-15)
2.	NPTEL 2	Computer Graphics Lect. No (1-17)
3.	NPTEL 3	Computer Graphics (18-34)
4.	NPTEL 4	Computer Graphics And Artificial Intelligence
5.	NPTEL 5	Artificial Intelligence Lect. No (9 To 24)
6.	NPTEL 8	Introduction To Computer Graphics Lect. No (35 To 40) Discreet Mathematical Structures (1 To 13)
7.	NPTEL 9	Introduction Computer Graphics Lect. No (14 To 33)
8.	NPTEL 10	Introduction To Computer Graphics and Power System Generation Transmission and Distribution Lect. No (1 To 35)
9.	NPTEL 13	Artificial Intelligence Lect. No (1 To 10) System Analysis and Design Lect. No (32 To 40)
10.	NPTEL 14	Artificial Intelligence Lect. No (11 To 29)
11.	NPTEL 15	Artificial Intelligence and Data Communication Lect. No (1 To 8) (30 To 40)
12.	NPTEL 16	Data Communication Lect. No (9 To 26)

S. No.	Ref no.	Title
13.	NPTEL 17	System Analysis And Design Lect. No (16 To 31)
14.	NPTEL 18	Data Communication Lect. No (27 to 40) and Software Engineering Lect. No (1 To 4)
15.	NPTEL 19	Software Engineering Lect. No (5 To 21)
16.	NPTEL 58	Broadband Network Lect. No (1to18)
17.	NPTEL 72	Project Management Lect. No (28to27)
18.	NPTEL 73	Project Management Lect. No (28to41)
19.	NPTEL 121	Computer Architecture Lect. No 1-18
20.	NPTEL 20	Software Engineering Lect. No (22 To 38)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

OUTCOME BASED TEACHING

1. Question Paper

Reg.No.												

V.S.B. ENGINEERING COLLEGE, KARUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
INTERNAL TEST - II
CS 8493 – OPERATING SYSTEMS

Academic Year: 2019-2020 (EVEN Semester)

Year/Semester & Branch: II Year / IV Semester B.E CSE 'A' & 'B' Sections
Faculty Name: Mrs.B.Bavanidevi
Max. Marks: 50

Date: 13/03/2020
Time: 100 mins

Course Outcome(s)	Questions Numbers	Blooms Taxonomy Level
CO3: Students will be able to compare and contrast various memory management schemes.	1,2,6(a),6(b)&8(a)	RE – Remembering UN –Understanding AP – Applying AN – Analyzing EV – Evaluating CR – Creating
CO4 : Students will be able to nderstand the functionality of file systems.	3,4,5,7(a),7(b)&8(b)	

PART-A Answer ALL Questions (5x2=10 Marks)

1. Consider the following segment table

Segment	Base	Length
0	219	600
1	2300	14
2	90	100
3	1327	580
4	1952	36

What are the physical addresses for the logical addresses 3400 and 0110? **(April/May 2019)** **[AP]**

2. Mention the significance of LDT and GDT in segmentation. **(April/May 2017)** **[RE]**
3. Mention the information contained in a boot control block and partition control **[RE]**
4. The berkely fast filesystem (and Linux Ext2fs) use the idea of block groups. What improvements block groups have over the simple filesystem layout of the System V file system (s5fs)? **[RE]**
5. What are the counting based page replacement algorithm? **(Apr/May 2018)** **[RE]**

PART-B Answer ALL Questions (13+13=26 Marks)

6. (a) Explain why segmentation and paging sometimes combined into one scheme in detail. **(May /June 2016)** **[RE]** (13)

OR

6. (b) (i) Discuss the concept of buddy system allocation with neat sketch. **(Apr /May 2017)** **[UN]** (6)
(ii) Discuss about the possible valid-invalid bit and possible protection bits in page table. **(April / May 2019)** **[UN]** (7)

7. (a) Explain in detail the various allocation methods with their pros and cons of all disks scheduling algorithms. **(Apr/May 2019)** **[UN]** (13)

OR

2. Projects

V.S.B. ENGINEERING COLLEGE, KARUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
TYPES AND RELEVANCE OF THE PROJECTS AND THEIR CONTRIBUTION TOWARDS ATTAINMENT OF POS AND PSOS

CAY [2019 – 2020]

Batch No.	Name of Student	Title of the Project	Area of Specialization	Nature of Project	Name of the Guide	Contribution / Achievements / Research Output	Matching with stated POs, PSOs	
							POs	PSOs
1	Aarthi K Dharanipriya K Kowshika K Nivetha R	A Machine Learning approach for Fault Detection Prevention.	Network security	Application & Research	Mr.P.Anbumani	Application based system Network security	1, 2, 3, 4, 5, 6, 7,8, 9, 10, 11,12	1,2,3
	Justification: Students are able to apply the knowledge of Computer Science fundamentals in designing a Machine Learning system by analyzing the Fault Detection Prevention.							
2	Ajith V Arun Prakash P Azharudeen S Karthikeyan K Harivivek M	Expose and Enumeration of face using image processing	Image Processing	Application & Research	Mr.D.Vimalkumar	Application based system using image processing	1, 2, 3, 4, 5, 6, 7,8, 9, 10, 11 , 12	1,2,3
	Justification: Students are able to apply the knowledge of Image Processing and develop an application for security purpose.							
3	Akash J Arunkumar J Gurusaran L MahendraPrasanth D G	ATMIoT : An event driven crime data reporting service using AI	IOT	Application & Research	Mr.S.Prabakaran	Application based system using AI	1, 2, 3, 4, 5, 6, 7,8, 9, 10, 11 , 12	1,2,3
	Justification: Students are able to design and acquire knowledge of Internet of Things and develop an application based system using AI.							
4	Ambika M HameedaBanu S Jagathambal M Kiruthika S	Secure wearable Health care sensing devices.	Sensor Network	Application & Research	Mr.P.Anbumani	Application based system using sensor network	1, 2, 3, 4, 5, 6, 7,8, 9, 10, 11 , 12	1,2,3

V.S.B. ENGINEERING COLLEGE, KARUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
TYPES AND RELEVANCE OF THE PROJECTS AND THEIR CONTRIBUTION TOWARDS ATTAINMENT OF POS AND PSOS

Batch No.	Name of Student	Title of the Project	Area of Specialization	Nature of Project	Name of the Guide	Contribution / Achievements / Research Output	Matching with stated POs, PSOs	
							POs	PSOs
	Justification: The Students are able to know the wireless Sensor Network and obtain knowledge about application wearable devices that are used in Health care sector.							
5	AnandGanesan S Dhinesh M Madhavan N Manikandan J Nethaji M	Monitoring and predicting agriculture sequences and farmer assistance	Data Mining	Application & Research	Mr.V.Kumararaja	Application based system using data mining	1, 2, 3, 4, 5, 6, 7,8, 9, 10, 11 , 12	1,2,3
	Justification: This project is able to given the knowledge about Mining of data and develops an application for agriculture assistance.							
6	Arun G Kannan E Kavin Kumar P Mahendran V	Client centric proxy re-encryption for outsourced data in cloud	Networking	Application & Research	Mr.P.Anbumani	Application based system using Networking	1, 2, 3, 4, 5, 6, 7,8, 9, 10, 11 , 12	1,2,3
	Justification: Project develops knowledge in cryptography and able design proxy re-encryption in Network communication.							
7	Bharanidhara Kishore Sm Dhileeban P Nithiyaprakash B Vignesh R	An emergency alert using eye blinking signals for real-time driver-drowsiness detection system	Image Processing	Application & Research	Mr.S.Prabakaran	Application based system Image processing	1, 2, 3, 4, 5, 6, 7,8, 9, 10, 11 , 12	1,2,3
	Justification: The students are able to apply the engineering knowledge and then easily design the required application which is suitable to their project by using Image Processing through this they can give the required information to society and ready to design components for real-time driver-drowsiness detection system.							

3. Filling the Curricular Gaps

S.NO	SUBJECT	CURRICULAR GAP	ACTION TAKEN	DATE	RESOURCE PERSON WITH DESIGNATION	% OF STUDENTS	RELAVANCE TO POS AND PSOS
1.	Internet Programming	Advanced Techniques in JAVA, Design, Client servers Model, PHP, Web servers	Seminar	28.08.2018	Mr.E.Jeevanandam, Webdeveloper, Accent TechnosoftPvt Ltd.	98%	PO3, PO4, PO5, PO12 PSO 2,PSO 3
2.	Design and Analysis of Algorithm	Latest Algorithms and its Complexity	Guest Lecture	09.02.2019	Dr.R.Mohan, Assistant Professor, NIT Trichy	94%	PO1, PO2, PO3, PO4, PO5, PO12,PSO 1, PSO 2
3.	Data Structures	Application of Algorithm	Guest Lecture	08.09.2018	Dr.R.Mohan, Assistant Professor, NIT Trichy	96%	PO3, PO4, PO12 PSO 1, PSO 2
4.	Internet of Things	digitized industry	Value Added course	20.12.18 - 25.12.18	Mr,S.Gowtham, LITZ Tech	100%	PO3, PO4, PO5, PO12 PSO 2,PSO 3
5.	Amazon Cloud Practitioner	Amazon cloud services	Value Added course	04.03.19 – 08.03.19	Mr.E.Hariprasanth & Mr.Dinesh kumar gandhi, skill Tester,ICT Academy,Chennai	100%	PO3, PO4, PO5, PO12 PSO 2,PSO 3

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

EMPLOYABILITY SKILL TEACHING

TalentNext

wipro

Digital Skills Readiness Program

WIPRO CERTIFIED FACULTY

Kumara Raja V

successfully passed the TalentNext certification assessment and is recognized as a Mentor for Project Based Learning 'PBL' in Java J2EE

Anurag Seth
Vice President & Head - Talent Transformation

Sunil Kalachar
General Manager - Global Campus Head

P. B. Kotur
General Manager & Head - TalentNext

TalentNext

wipro

Digital Skills Readiness Program

WIPRO CERTIFIED FACULTY

Vimal Kumar

successfully passed the TalentNext certification assessment and is recognized as a Mentor for Project Based Learning 'PBL' in Java J2EE

Anurag Seth
Vice President & Head - Talent Transformation

Sunil Kalachar
General Manager - Global Campus Head

P. B. Kotur
General Manager & Head - TalentNext

V.S.B. ENGINEERING COLLEGE, KARUR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

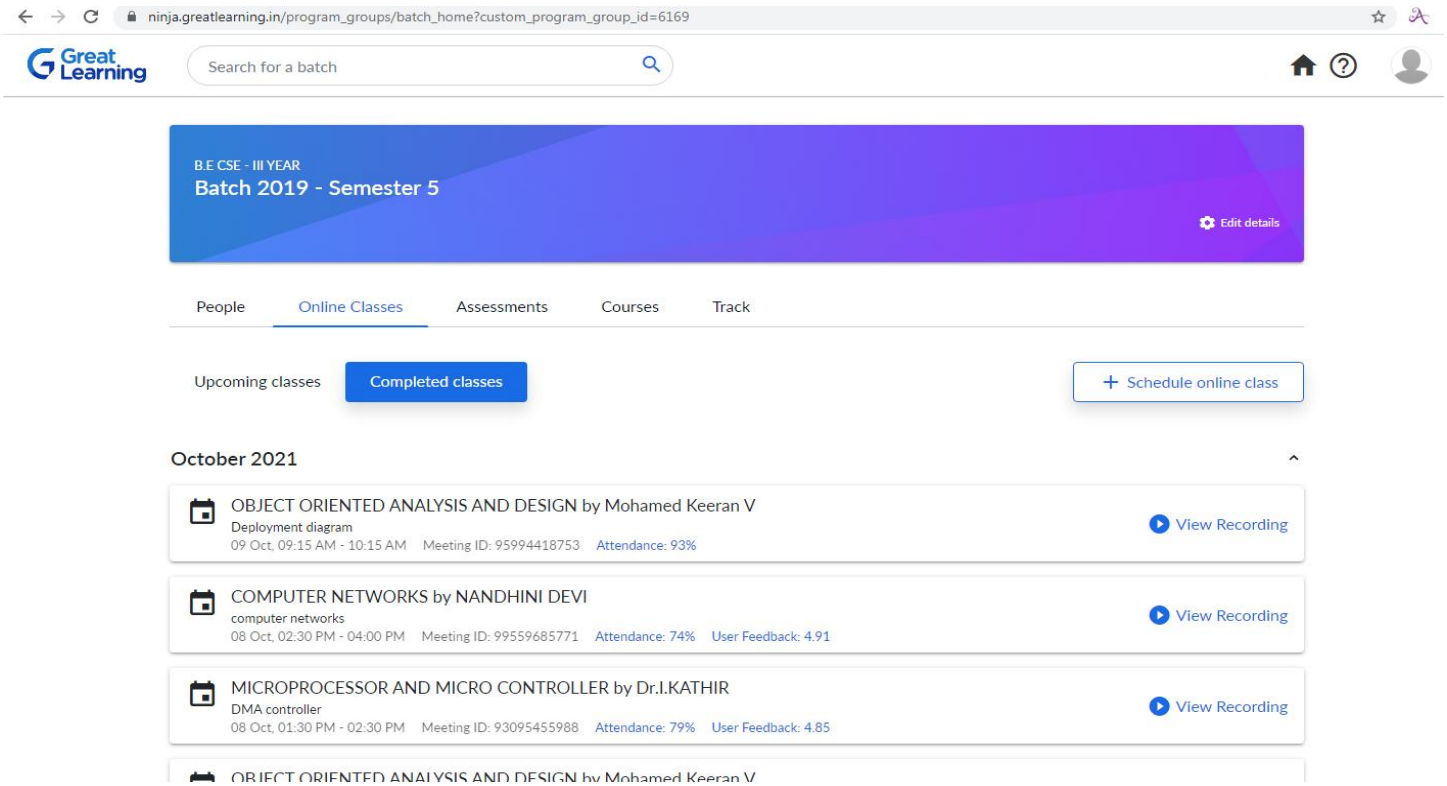
Summary of the Innovations in Learning Methodology

S.NO	FACILITIES
1.	Olympus Great Learning
2.	Online Certifications
3.	Video Conferencing
4.	LMS - Teaching Materials
5.	NPTEL Session in Library
6.	Digital Library
7.	Employability Skill Teaching
8.	Project Lab

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

OLYMPUS - GREAT LEARNING



7 Oct - Routing protocols and algorithms

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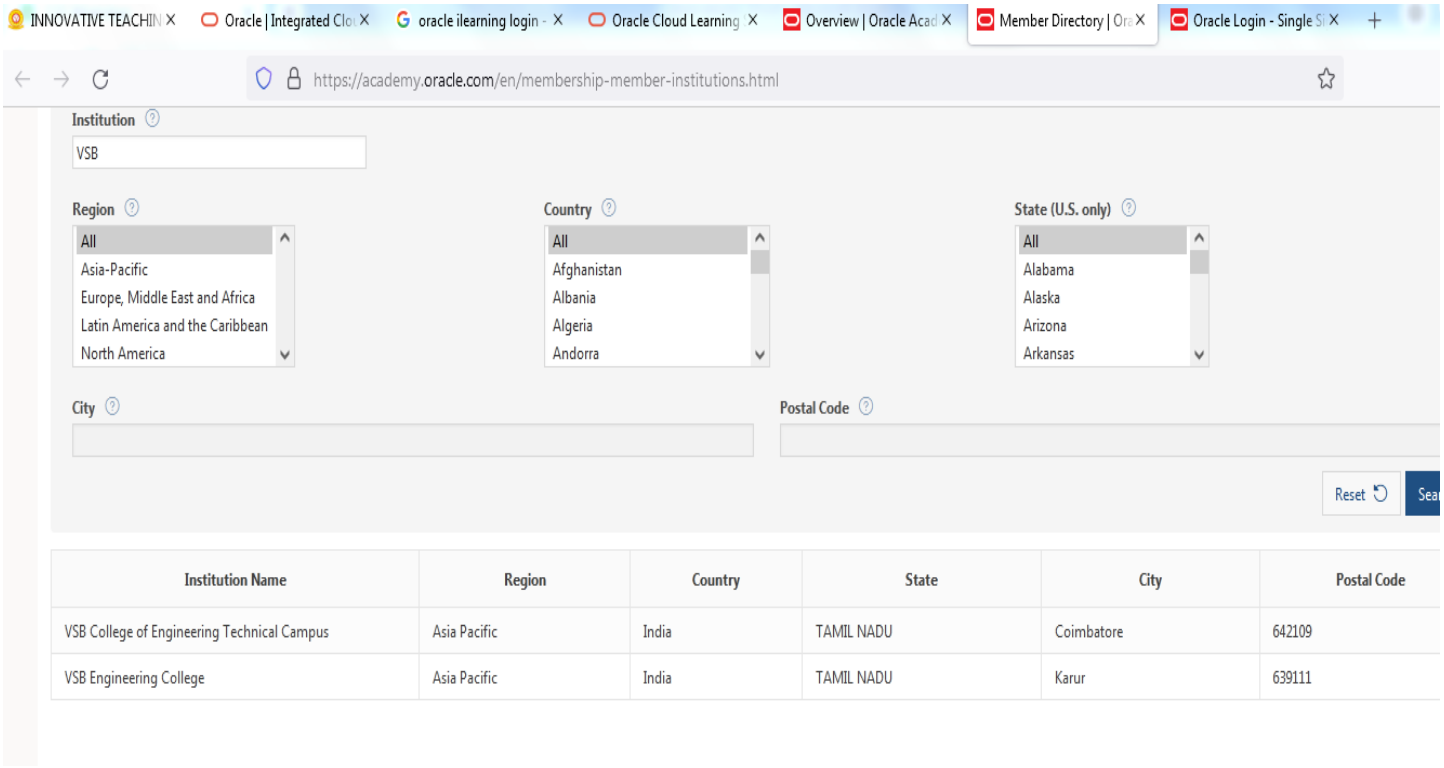
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

ONLINE CERTIFICATIONS



Institution Name	Region	Country	State	City	Postal Code
VSB College of Engineering Technical Campus	Asia Pacific	India	TAMIL NADU	Coimbatore	642109
VSB Engineering College	Asia Pacific	India	TAMIL NADU	Karur	639111

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FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Java Fundamentals

FINAL EXAM

on 03-Nov-20

Oracle Academy Instructor (Mr.V.Kumararaja)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

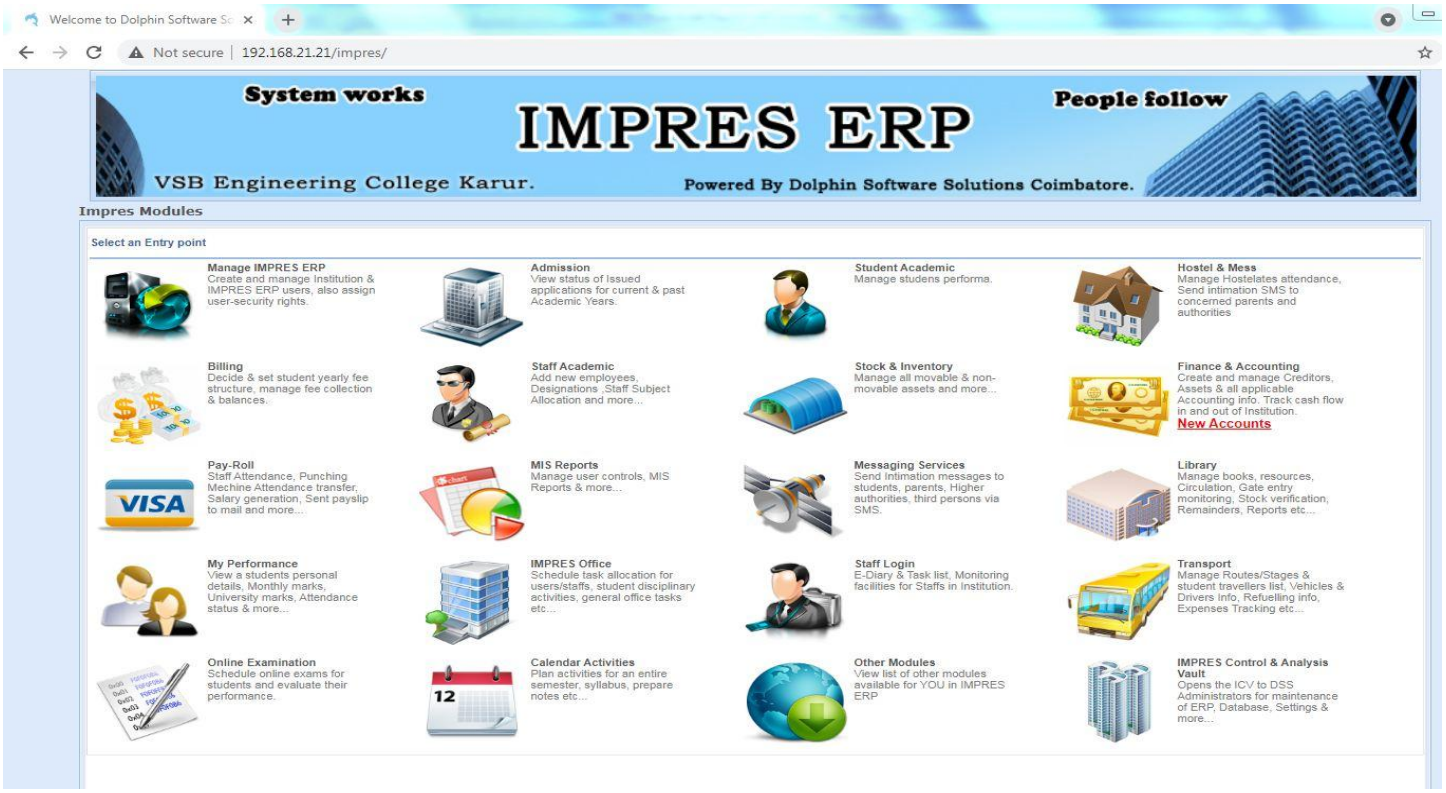
INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

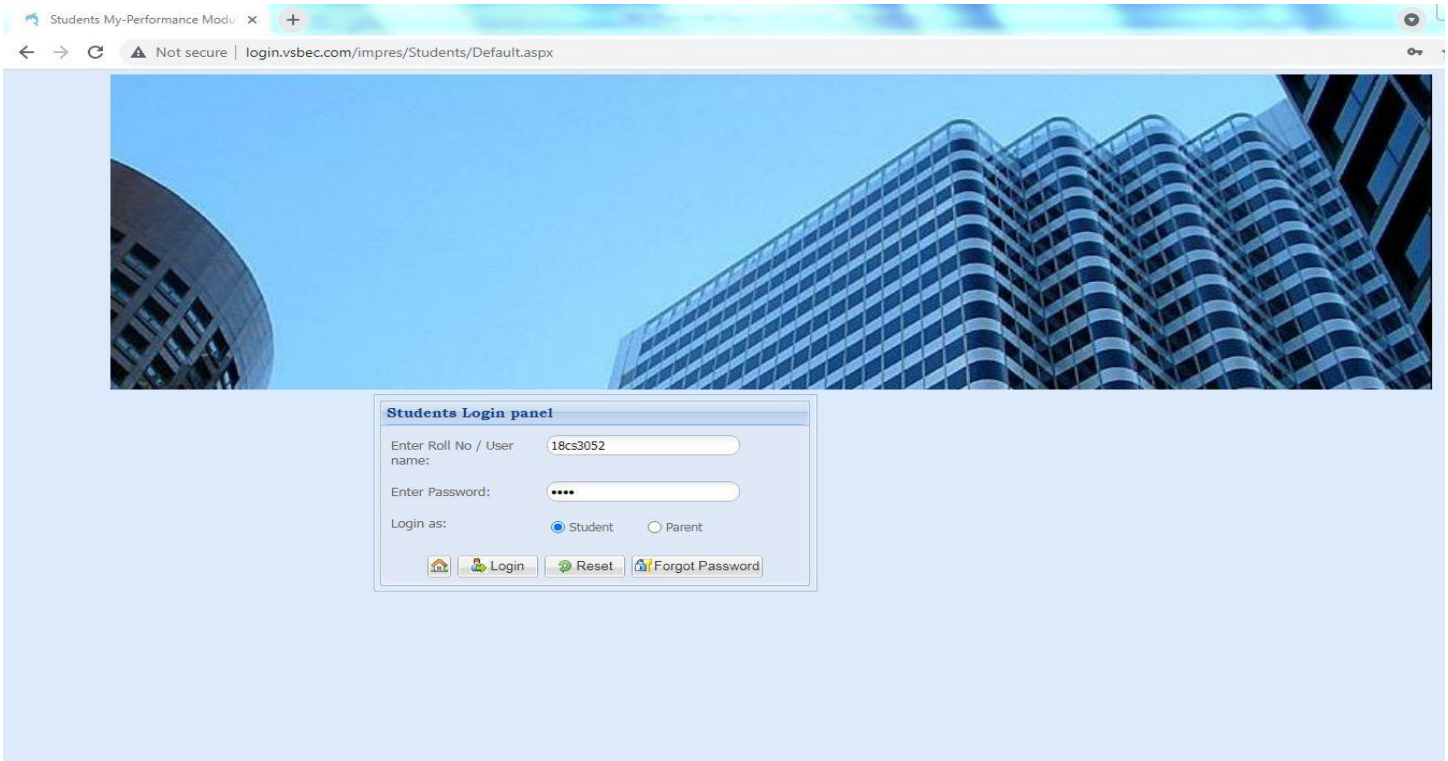
VIDEO CONFERENCING

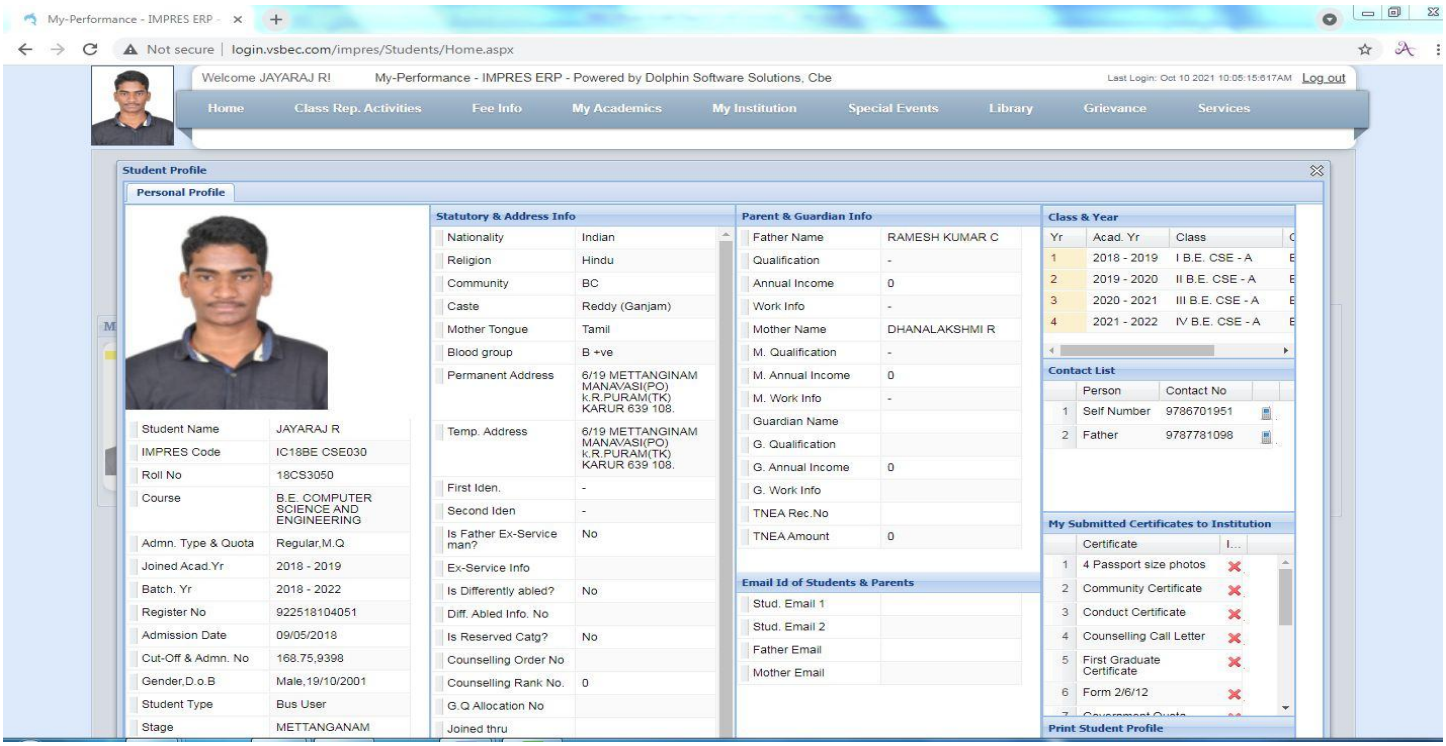
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

LMS - TEACHING MATERIALS



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Home
Class Rep. Activities
Fee Info
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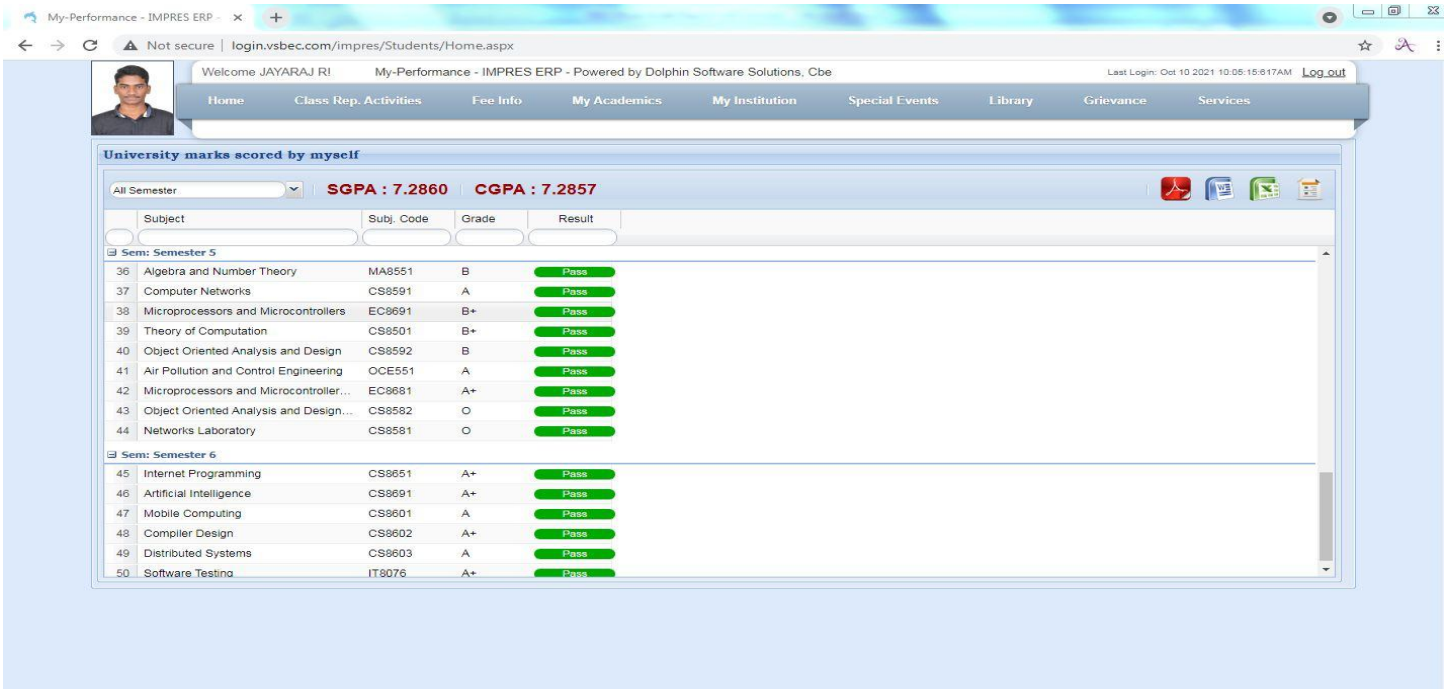
My Institution
Special Events
Library
Grievance
Services
Student Profile
Personal Profile
Student Name JAYARAJ R
IMPRES Code IC18BE CSE030
Roll No 18CS3050
Course B.E. COMPUTER SCIENCE AND ENGINEERING
Admn. Type & Quota Regular,M.Q
Joined Acad.Yr 2018 - 2019
Batch. Yr 2018 - 2022
Register No 922518104051
Admission Date 09/05/2018
Cut-Off & Admn. No 168.75,9398
Gender,D.o.B Male,19/10/2001
Student Type Bus User
Stage METTANGANAM
Statutory & Address Info
Nationality Indian
Religion Hindu
Community BC
Caste Reddy (Ganjam)
Mother Tongue Tamil
Blood group B +ve
Permanent Address 6/19 METTANGINAM MANAVASI(PO) K.R.PURAM(TK) KARUR 639 108.
Temp. Address 6/19 METTANGINAM MANAVASI(PO) K.R.PURAM(TK) KARUR 639 108.
First Iden.
Second Iden
Is Father Ex-Service man? No
Ex-Service Info
Is Differently abled? No
Diff. Abled Info. No
Is Reserved Catg? No
Counselling Order No
Counselling Rank No. 0
G.Q Allocation No
Joined thru
Parent & Guardian Info
Father Name RAMESH KUMAR C
Qualification -
Annual Income 0
Work Info -
Mother Name DHANALAKSHMI R
M. Qualification -
M. Annual Income 0
M. Work Info -
Guardian Name
G. Qualification
G. Annual Income 0
G. Work Info
TNEA Rec.No
TNEA Amount 0
Email Id of Students & Parents
Stud. Email 1
Stud. Email 2
Father Email
Mother Email
Class & Year
Yr Acad. Yr Class
1 2018 - 2019 I B.E. CSE - A
2 2019 - 2020 II B.E. CSE - A
3 2020 - 2021 III B.E. CSE - A
4 2021 - 2022 IV B.E. CSE - A
Contact List
Person Contact No
1 Self Number 9786701951
2 Father 9787781098
My Submitted Certificates to Institution
Certificate
1 4 Passport size photos
2 Community Certificate
3 Conduct Certificate
4 Counselling Call Letter
5 First Graduate Certificate
6 Form 2/6/12
Print Student Profile


My-Performance - IMPRES ERP
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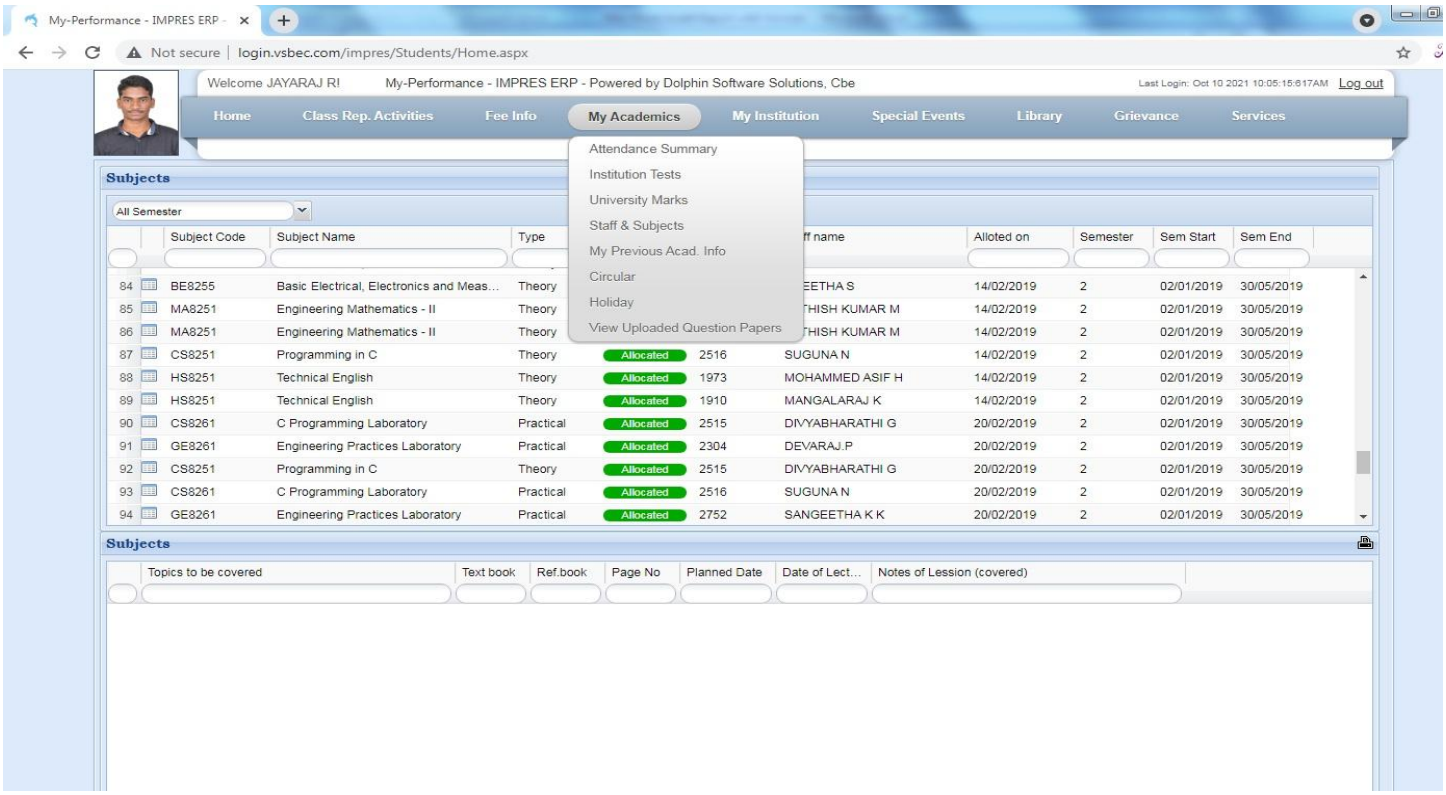
My-Performance - IMPRES ERP - Powered by Dolphin Software Solutions, Cbe
Last Login: Oct 10 2021 10:05:15:617AM
Log out
Home
Class Rep. Activities
Fee Info
My Academics
My Institution
Special Events
Library
Grievance
Services
University marks scored by myself
All Semester
SGPA : 7.2860
CGPA : 7.2857
Subject Subj. Code Grade Result
Sem: Semester 5
36 Algebra and Number Theory MA8551 B Pass
37 Computer Networks CS8591 A Pass
38 Microprocessors and Microcontrollers EC8691 B+ Pass
39 Theory of Computation CS8501 B+ Pass
40 Object Oriented Analysis and Design CS8592 B Pass
41 Air Pollution and Control Engineering OCE551 A Pass
42 Microprocessors and Microcontroller... EC8681 A+ Pass
43 Object Oriented Analysis and Design... CS8582 O Pass
44 Networks Laboratory CS8581 O Pass
Sem: Semester 6
45 Internet Programming CS8651 A+ Pass
46 Artificial Intelligence CS8691 A+ Pass
47 Mobile Computing CS8601 A Pass
48 Compiler Design CS8602 A+ Pass
49 Distributed Systems CS8603 A Pass
50 Software Testing IT8076 A+ Pass



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Question Bank – Assignment Questions – Subject Video Links

- To Download 2019-2020 (Odd Semester) Subject Materials – CLICK HERE
- To Download 2019-2020 (Even Semester) Subject Materials – CLICK HERE

Anna University Syllabus

- Civil Engineering – CLICK HERE
- Mechanical Engineering – CLICK HERE
- Electrical and Electronics Engineering – CLICK HERE
- Electronics and Communication Engineering – CLICK HERE
- Computer Science and Engineering – CLICK HERE
- Information Technology – CLICK HERE
- Bio Medical Engineering – CLICK HERE
- Bio Technology – CLICK HERE
- Chemical Engineering – CLICK HERE

Faculty Publications

S.No	Programme	Publications
1.	B.E. Civil Engineering	CLICK HERE
2.	B.E.Computer Science and Engineering	CLICK HERE
3.	B.E. Electronics and Electronics Engineering	CLICK HERE

NEWS & EVENTS

NBA Peer Team Visit

Corporate Expectations

NSS - Jal Shakti Abhiyan

Symposium – FLASHIONZ

S.No	Programme	Question Bank	Assignment Questions	Subject video Links
1.	B.E. Civil Engineering	I Year II Year III Year IV Year	I Year II Year III Year IV Year	I Year II Year III Year IV Year
2.	B.E. Computer Science and Engineering	I Year II Year III Year IV Year	I Year II Year III Year IV Year	I Year II Year III Year IV Year
3.	B.E. Electrical and Electronics Engineering	I Year II Year III Year IV Year	I Year II Year III Year IV Year	I Year II Year III Year IV Year
4.	B.E. Electronics and Communication Engineering	I Year II Year III Year IV Year	I Year II Year III Year IV Year	I Year II Year III Year IV Year
5.	B.E. Mechanical Engineering	I Year II Year III Year IV Year	I Year II Year III Year IV Year	I Year II Year III Year IV Year
6.	B.Tech., Information Technology	I Year II Year III Year IV Year	I Year II Year III Year IV Year	I Year II Year III Year IV Year

Quick Links

- Mandatory Disclosure
- Placement Details
- Photo Gallery
- VSB In Press
- Downloads

ENQUIRY FORM

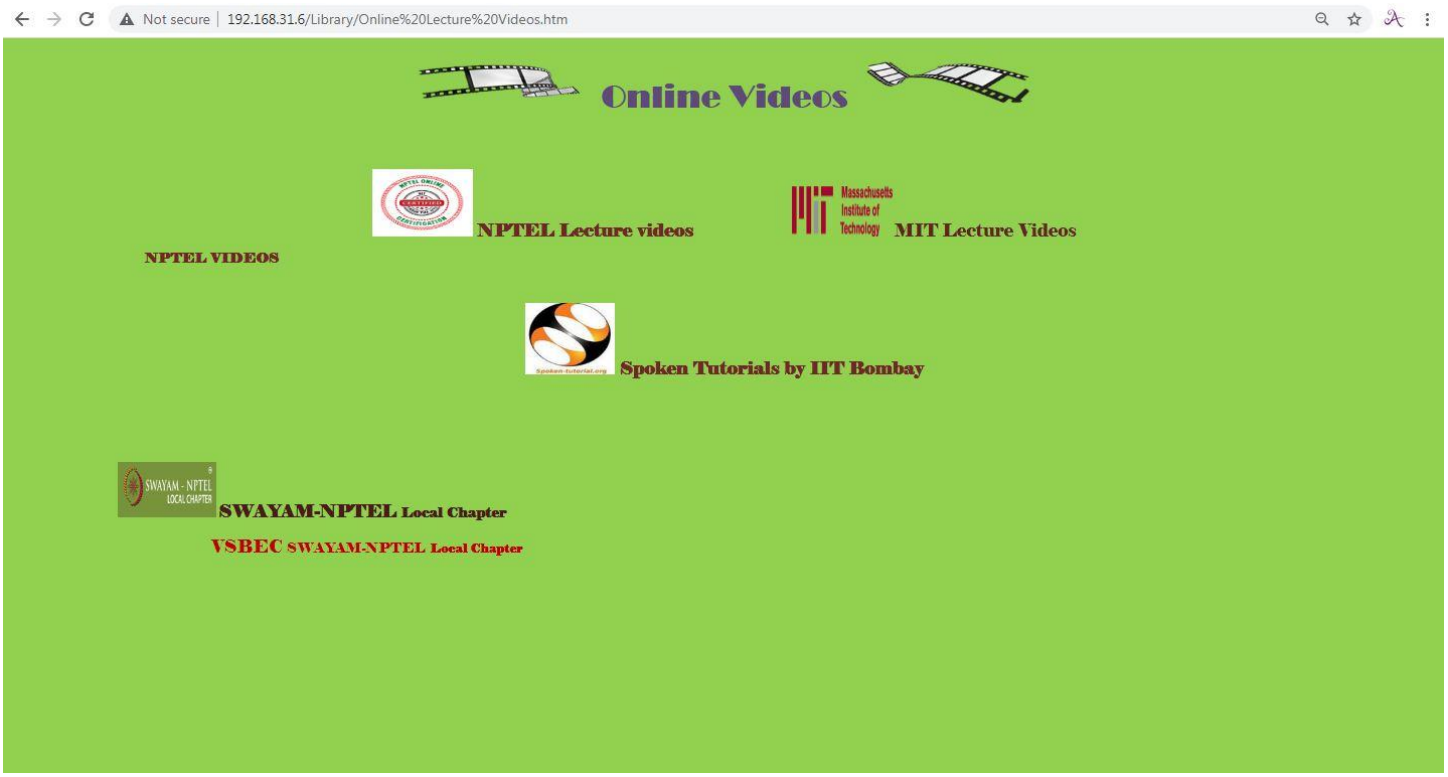
NEWS & EVENTS

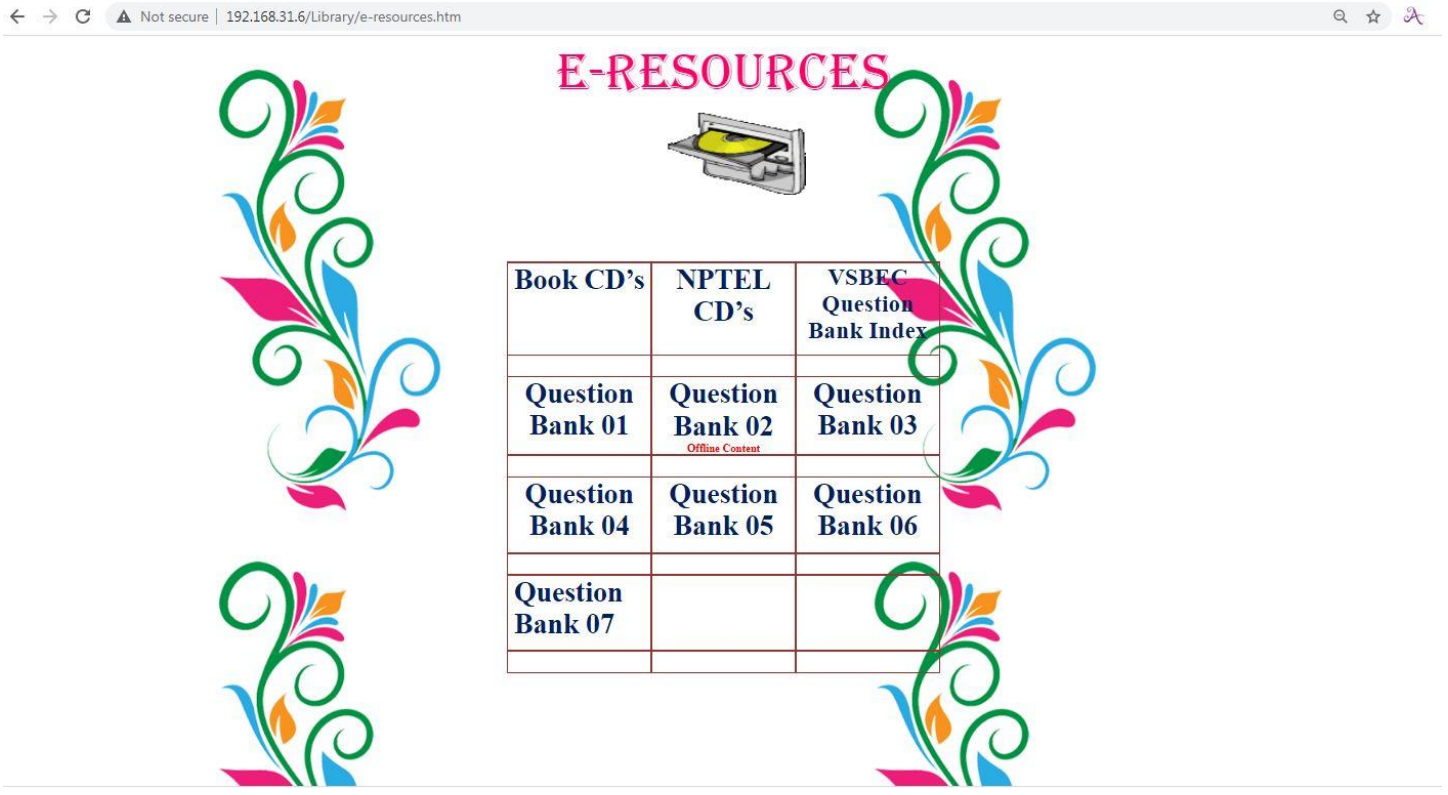
- Scholarship Enrollment Form
- Virtusa NeuralHack 2019
- Republic Day "2020"
- National Voters Day

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

NPTEL LIBRARY SESSIONS

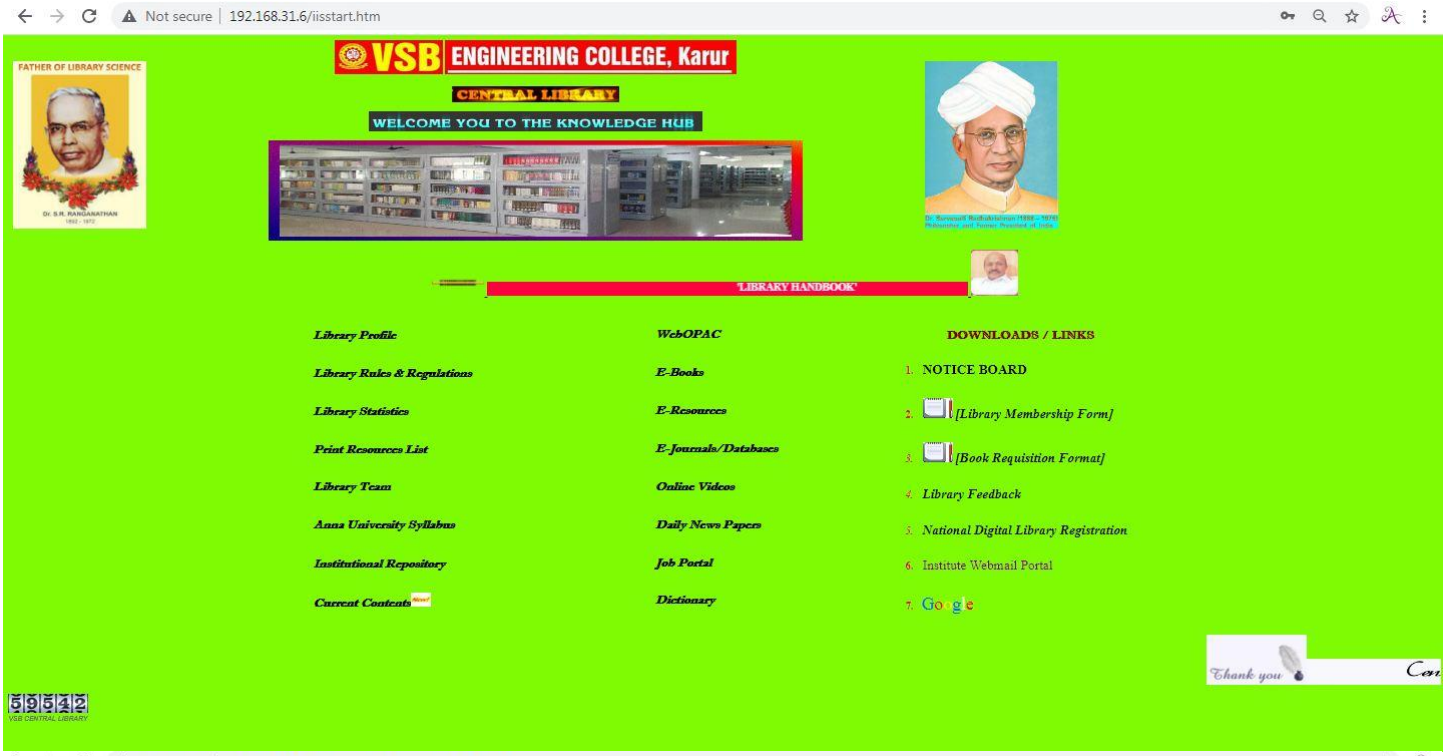


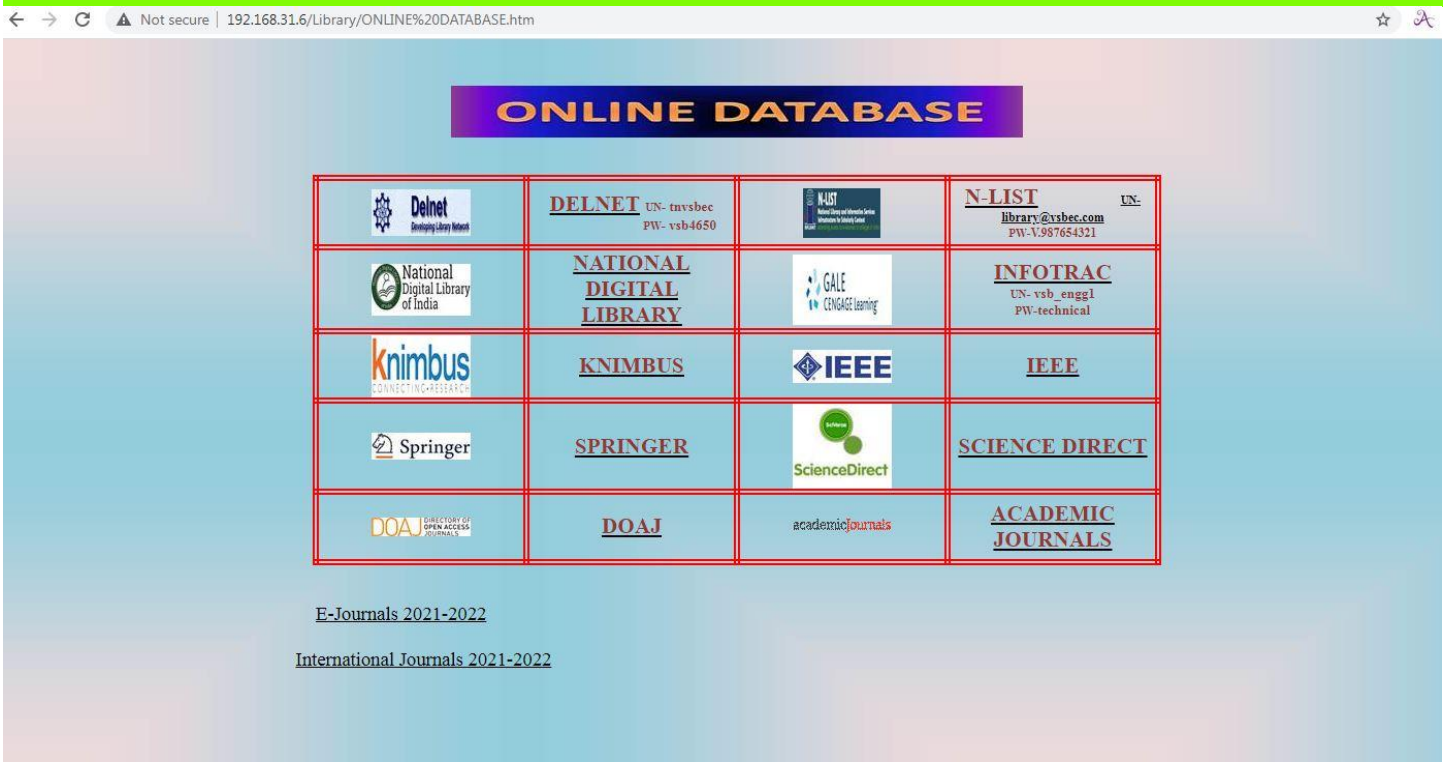


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

DIGITAL LIBRARY





COMPUTER SCIENCE

E book No.	Title	Author	Download Link	Size
EBK 1970	25secrets For Faste Asp.Net	*Jeffrey Richter*	DOWNLOAD	1.4 MB
EBK 1971	3d Video Processing And Transmission Fundamentals	*Chaminda Hewage*	DOWNLOAD	13.2 MB
EBK 1972	55 Ways To Have Fun With Google	*Philipp Lenssen*	DOWNLOAD	7.9 MB
EBK 1973	88cprograms	*Jt Kalnay*	DOWNLOAD	981 KB
EBK 1974	Brief Introduction To Neural Networks	*Peter Kemp*	DOWNLOAD	6.1 MB
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