

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
 REPORT ON ONLINE TEACHING-LEARNING
 DATE: 08-5-2020

Faculty Member Name: **Biswajit Sarmah**

Subject Name	Date of activity	Mode of activity	Duration	% of course completed	Response of student	Number of evaluation done
Operating System (Fourth Semester)	29-03-2020	PPT was provided in the WhatsApp Group	29 March to till date	Module 1,2,3,4,5,6	100% downloaded	
	16-04-2020	Assignment was given in the WhatsApp Group	14 days	Module 5	100% downloaded	
	22-04-2020	Google Classroom	8 days	Module 4,5,6 and Assignment1	100% participation	
	30-04-2020	BY Email	8 days	Assignment1	44 out of 66 submitted the assignment	Evaluation is going on.
	06-05-2020	Google Classroom	On going	Assignment2	100% participation	
Operating System Lab (Fourth Semester)	29-03-2020	Lab Manual was provided in the Whatsapp Group	On Going	70%	100% participation	Evaluation is going on.
Distributed Computing Lab (Sixth Semester)	07-05-2020	Lab Manual was provided in the Whatsapp Group	On Going	70%	100% participation	Evaluation is going on.
Computer Organization and Architecture Lab (Fourth Semester)	02-05-2020	Lab Manual was provided in the whatsapp Group	On Going	100%	100% participation	Evaluation is going on.

Faculty Member Name: Diganta Baishya

Subject	Date Of Activity	Mode of activity	Duration	Percentage of course completed	Response of students	Number of evaluations done
Design and Analysis of Algorithms (Sixth Semester)	21st March	WhatsApp	Day Long discussion			
	29 th March	WhatsApp, Course Material, NPTEL Video	7 days			
	2 nd April	WhatsApp, Gmail (Assignments)	Two days			
		WhatsApp Course Material				
	5 th April	WhatsApp	Day Long			
	6 th April	Assignment Submission	Day Long		All	
	11 th April	WhatsApp, Study Material , NPTEL Video	5 days		All	
	28 th April	Discussion session in Google Classroom	Day Long		All	
	3 rd May	Teaching and Discussion in Google Classroom	Three Days		All	
	7 th May	Google Classroom ,Course Material, Videos, Assignment	10 days	80%	All	

Subject: Computer Organization and Architecture**Subject Code: CSE181402 (Fourth Semester)****Name of the Faculty: Mrs. Nilakhi Saikia**

DATE OF ACTIVITY	MODE OF ACTIVITY	DURATION	% OF COURSE COMPLETED	RESPONSE OF STUDENTS	NO. OF EVALUATIONS DONE
29 th March(PPT1, PPT2)	WhatsApp	21 st -29 th March(including Preparation Time)	75%	70%	1. CIE1(Offline) 2. CIE2(Online) 3. Assignment 1
1 st April(Assignment 1, Interaction with students)	WhatsApp	1 st -10 th April			
14 th April (NPTEL Video Lectures, 38 videos, Interaction)	WhatsApp	14 th -15 th April			
16 th April(shared PPT, Interaction)	WhatsApp	16 th April			
17 th ,21 st ,22 nd April(Interaction)	WhatsApp, Telephonic conversation	17 th ,21 st ,22 nd April			
24 th ,25 th ,26 th ,27 th April(own Handwritten Lecture Notes)	Google Classroom	24 th ,25 th ,26 th ,27 th April(including preparation time)			
28 th ,29 th April(Interaction)	WhatsApp, Telephonic conversation	28 th ,29 th April			
30 th April(Conduct of CIE2, interaction)	Google Classroom	30 th April(1hr 15min)			
1 st May, 2 nd May	Evaluation of CIE 2	Ongoing			

Subject: Computer Vision (Eight Semester)**Course Code: CS806****Name of the Faculty: Mrs. Nilakhi Saikia**

DATE OF ACTIVITY	MODE OF ACTIVITY	DURATION	% OF COURSE COMPLETED	RESPONSE OF STUDENTS	NO. OF EVALUATIONS DONE
30 th March(Shared Research papers, pdfs)	WhatsApp	30 th March	70%	30%	1. CIE1(Online) 2. Assignment 1
31 st March(Book pdf)	WhatsApp	31 st March			
2 nd April (Video Lectures link, 57 videos, Interaction)	WhatsApp	2 nd April, interaction ongoing.			
22 nd ,23 rd ,25 th , 28 th April(Interaction)	WhatsApp, Telephonic conversation	22 nd ,23 rd ,25 th , 28 th April			
29 th April(Own Handwritten Lecture Notes, interaction)	Google Classroom	29 th April			
1 st May(Own Handwritten Lecture Notes, interaction, pdf file of sample questions)	Google Classroom	1 st May			
2 nd May(Conduct of CIE1, interaction)	Google Classroom	2 nd May (1hr 15min)			
2 nd May,3 rd May	Evaluation of CIE 1	Ongoing			

Course title : Software Engineering CS607 (Open Elective-I)

Sixth Semester B.E. (CSE)

Faculty Member Name : Ms. Riju Das

Module	Status	Activity		Mode of activity	Evaluation
Module 1	Completed	PPT and black board explanation	Regular Classes	Regular Classroom	Assignment was taken (Hard-copies)
		Flipped classroom			
		Group discussion			
Module 2	Completed	PPT and Black board explanation	Regular Classes	Regular Classroom	Class tasks given group-wise
		Group discussion			
Module 3	50% completed	PPT and Black board explanation	Regular Class (2 classes)	Regular Classroom + Google Classroom+ Whatsapp group	Assignment taken Solution of the assignment is uploaded.
		Explained notes and solved examples uploaded in Google classroom	30 th March		
		NPTEL video lectures shared	30 th March		
		Online Discussion and doubt clearing session	6 th May to 7 th May		
Module 4	Completed	NPTEL Video lectures shared	30 th March	Google Classroom + Whatsapp group	➤ Assignment 1 : 16 th April - 20 th April
		Explained notes uploaded in Google classroom	2 nd April		
Module 5	Completed	NPTEL video lectures shared	30 th March	Google classroom + Whatsapp Group	➤ Assignment 2 : 17 th April - 22 nd April ➤ Class test (Module 4 and 5): 4 th May ➤ Results and solutions of assignments and class test are uploaded in Google classroom
		Notes on project planning and size estimation (LOC and Function point)	5 th April		
		Notes on Project estimation(Part 2)	9 th April		
		Notes on Analytical estimation technique	9 th April		
		Notes on scheduling	14 th April		
		Doubts cleared via Whatsapp and phone calls			

Faculty Member Name: Rohen Singh

Subject name	Date of activity	Mode of activity	Duration	Percentage of course completed	Response of students	Number of evaluations done
Data Mining (Sixth Semester)	30 th March to till date	Google classroom, Whatsapp, telephonic conversation	still going on	90%	52 (Google class room) All the students responded in Whatsapp	1
Graph Theory (Fourth Semester)	30 th March to till date	Google classroom, Whatsapp, telephonic conversation	still going on	80%	50(Google class room) All the students responded in Whatsapp	1

Course title : Problem Solving Through Programming Using C

Second Semester B.E. (CSE)

Faculty Member Name: Ms. Riju Das

NPTEL video link for the course is shared in Google Classroom

*Regular discussion and doubt clearance is performed in Whatsapp Group + Google Classroom

*Video lectures of Harvard programming course (Free course) is uploaded in Whatsapp Group (28th April)

*Lab assignments are given in Google classroom (6th May - Due : 9th May)

Module	Status	Activity	Mode of activity	Evaluation
Module 1: Introduction to programming	Completed	PPT and black board explanation	Regular Classes	➤ CIE -1 (Module 1, 2 and 3) is conducted
		Notes uploaded in Google Classroom	30 th March - 1 st April	
Module 2 : Expression and precedence	Completed	PPT and Black board explanation	Regular Classes	➤ Assignment is taken
		Notes uploaded in Google Classroom	1 st April - 6 th April	
Module 3 : Conditional branching and loops	Completed	PPT and Black board explanation	Regular Class	➤ Assignment is taken
		Notes uploaded in Google classroom	6 th April	
		Online Discussion and doubt clearance in Whatsapp group	6 th April - 9 th April	
Module 4: Arrays	Completed	Notes on 1-D array uploaded in Google classroom	6 th April	➤ Programming tasks conducted in Google classroom ➤ Solution and results uploaded ➤ Quiz : 22 nd April
		Online Discussion and doubt clearance in Whatsapp group	14 th April - 17 th April	
		Notes on n-D array uploaded in Google Classroom	6 th May	
		Discussion and Doubt clearance	6 th May - 7 th May	
Module 5: Basic Algorithms	Completed	PPT and Black board explanation	Regular classes	➤ Assignment is taken in Google Classroom : 6 th - 9 th April
		Flipped Classroom		
Module 6 : Function	Completed	PPT and Black board explanation	Regular classes	➤ Assignment on Preprocessor : 21 st April ➤ Solution and results of the assignment uploaded ➤ Quiz(array and
Module 7 : Recursion		Notes and video lectures uploaded in Google classroom and Whatsapp group	6 th April	
		Discussion and doubts cleared in Whatsapp Group	19 th April - 20 th April	
Module 8 : Structure	Completed	➤ Notes and video lectures uploaded in Google classroom ➤ Discussion and doubt cleared in Whatsapp group	21 st April	➤ Assignment on Preprocessor : 21 st April ➤ Solution and results of the assignment uploaded ➤ Quiz(array and
Module 9 : Preprocessor Directives	Completed		*Next discussion session will held on 9 th May	
Module 10: Pointers	50 % completed			

					<p>pointer): 22nd April</p> <ul style="list-style-type: none">➤ Responses uploaded in Google classroom➤ Test(Module 8, 9, 10) conducted in Google Classroom : 30th April➤ Solution and results of the test uploaded
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Faculty Member Name: Rupam Baruah
Compiler Design (Sixth Semester)

DATE OF ACTIVITY	MODE OF ACTIVITY	DURATION	% Completed	Response	Evaluations
29 th March 2020	NPTEL Video Link on the subject shared through Whatsapp. Module on Parsing was the topic for study.	From 29-3-2020 to 31-4-2020	75% of the subject is completed.	100% download 100% submission	First assignment (30 marks) evaluated
2 nd April 2020	Uploaded the lecture note prepared by me on the topic SLR parsing through Whatsapp.	From 02-04-2020 to 28-4-2020		Students have been encouraged to clear their doubts through	Second assignment (70 marks) evaluation ongoing
2 nd April 2020	Shared the link for a tutorial by last moment tuitions (GATE lectures) on LR(0) parsing through Whatsapp.	From 02-04-2020 to 31-4-2020		Google classroom	
5 th April 2020	Uploaded lecture notes prepared by me on canonical LR parsing through Whatsapp	From 05-04-2020 to 31-4-2020		and Whatsapp	
10 th April 2020	Uploaded lecture notes prepared by me on LALR parsing through Whatsapp	From 10-04-2020 to 31-4-2020		Very few students have asked their doubts	
19 th April 2020	Created Google classroom and uploaded all the materials provided so far	-----			
19 th April 2020	Uploaded lecture notes prepared by me on syntax directed translation in Google classroom	From 22-4-2020 till date			
23 rd April 2020	Uploaded assignments on lexical analysis in Google classroom	From 23-04-2020 to 28-4-2020 (evaluation completed)			
23 rd April 2020	Uploaded assignments on parsing in Google classroom	From 23-04-2020 to 01-5-2020 (evaluation ongoing)			
5 th May 2020	Returned all evaluated assignments on lexical analysis and informed each student about the mistakes through mail.	-----			

Subject	Name of the Faculty	Date	Duration	Mode
<p style="text-align: center;">Java Programming (Fourth Semester)</p>	<p style="text-align: center;">Dr. Sauravjyoti Sarmah</p>	<p style="text-align: center;">12-03-2020 to Till Date (Every alternate day)</p>	<p style="text-align: center;">2 Hours in every session</p>	<p>Whatsapp group</p> <ul style="list-style-type: none"> • Delivery of <ul style="list-style-type: none"> ➤ Self-prepared materials ➤ Self-prepared slides ➤ Lectures from NPTEL • Doubt clearing • Discussions <p>Google class-room</p> <ul style="list-style-type: none"> • Delivery of <ul style="list-style-type: none"> ➤ Self-prepared materials ➤ Example programs ➤ Lectures from NPTEL • Discussion • doubt clearing • Assignment <p>Gmail</p> <ul style="list-style-type: none"> • Class Test (CIE-I)

Faculty Member Name: Syed Ibtisam Tauhidi

Discrete Mathematics (Fourth Semester)

Video Lectures	13 videos uploaded on YouTube	https://www.youtube.com/playlist?list=PLzYIbBxhldIFDupjtDNPsPHoNYITfxXa4	First video uploaded on 29th March; last video uploaded on 30th April	3 videos will complete the current module. Next (and final) module will require 3-4 videos.
Assignments	1 assignment with 3 parts provided (with 20+10+40 questions, with each question divided into further sub-questions)	Assignment provided and collected through Google Classroom	Assignment collected by due date 13th April (59 students submitted assignment)	Next assignment (with 2 parts) will be given after completion of current module
Examination	1 MCQ-based exam with 20 questions	Examination conducted through Google Classroom	Examination was conducted on 24th April. Evaluation was automated using software based methods. Result of exam sent through email to students individually.	Next exam will be conducted after completion of the current module.

Course Completion status:

- ~70% of course is completed.
- Course should be completed by May-end.
- Will start solving GATE questions, if time permits.

Faculty Member Name: Syed Ibtisam Tauhidi

Graph Theory (Sixth Semester)

Video Lectures	8 videos uploaded on YouTube	https://www.youtube.com/playlist?list=PLzYIbBxhldIEJOI9dOZa8Vsw1v4X1eShQ	First video uploaded on 27th March; last video uploaded on 5th May	5/7 modules are complete. 6th module is ongoing.
Assignments	1 assignment with 20 questions and 1 programming assignment assigned	Assignment provided and collected through Google Classroom	Assignment 1 collected by due date 1 May (63 students submitted assignment). Due date of assignment 2 is 15th May.	Next assignment will be given after completion of course
Examination	1 MCQ-based exam with 20 questions	Examination conducted through Google Classroom	Examination was conducted on 24th April. Evaluation was automated using software based methods. Result of exam sent through email to students individually.	Next exam will be conducted after completion of course.

Course Completion status:

- ~75% of course is completed.
- Course should be completed by May-end.
- Will teach GT-based algorithms and applications as “gap-analysis”, if time permits.

Faculty Member Name: Syed Ibtisam Tauhidi

Internet of Things (Eighth Semester)

Video Lectures	7 videos uploaded on YouTube	https://www.youtube.com/playlist?list=PLzYIbBxhldIGUVQ5PxRrxlMeJcRsO JpA	First video uploaded on 22nd March; last video uploaded on 4th May	5/6 modules are complete. 3 more videos will complete the course. 1 module covered through 'flip-classroom' method using video-based group presentation.
Assignments	Total 3 assignments - 1 essay assignment (with 2 1000-words essays); 1 programming assignment; 1 group video presentation assigned.	Assignment provided and collected through Google Classroom	Due date is mid-May.	No more assignments.
Examination	1 MCQ-based exam with 20 questions	Examination conducted through Google Classroom	Examination was conducted on 24th April. Evaluation was automated using software based methods. Result of exam sent through email to students individually.	Next exam will be conducted after completion of course.

Course Completion status:

- ~90% of course is completed.
- Course should be completed by mid-May.
- Will teach "Semantic Web of Things" as "gap-analysis"

Faculty Member Name: Syed Ibtisam Tauhidi

IT Workshop (Fourth Semester)

Video Lectures	5 tutorial videos uploaded on YouTube	https://www.youtube.com/playlist?list=PLzYIbBxhldIEir0ArEIBUY2PC-wNI2xok	First video uploaded on 24th March; last video uploaded on 12th April	9/13 tutorials completed.
Experiments	5 experiments assigned.	Experiments collected through Google Collaboratory because of unavailability of JupyterHub server.	Experiments are assigned after completion of tutorials.	4 experiments to will be assigned after completion of the tutorials
Examination	-	-	-	Viva will be conducted after completion of course through Zoom.
Project	1 group project assigned	Project collected through Github	-	-

Course Completion status:

- ~70% of course is completed.
- Course should be completed by May-end.
- Will teach "Semantic Web of Things" as "gap-analysis"

FACULTY MEMBER NAME: VARUN KUMAR

Subject Name	Date of activity	Mode of activity	Duration	Percentage of Course Completed	Activity
Problem Solving through Programming in C (PSPC) B.Tech 2nd Sem	23/03/2020	Whatsapp, telephonic conversions	Upto 30/03/2020	40-50	Sharing notes,NPTEL lectures.
	03/04/2020	Whatsapp, Google Classroom	Upto 11/04/2020	60-65	Problem solving ques,ppts.
	15/04/2020	Google Classroom	Upto 18/04/2020	70	Assignments
	20/04/2020	Google Classroom	Upto 23/04/2020	75	Notes,Quizzes
	25/04/2020	Whatsapp, Google Classroom	29/04/2020	80	Notes, Problems Solving, Assignment
	01/05/2020	Google Classroom, telephonic conversions etc.	Still going on		
Advanced Topics in Networks (ATN) B.Tech 8th Sem	25/03/2020	Whatsapp, telephonic conversions	Upto 02/04/2020	35-50	Sharing notes,NPTEL lectures.
	05/04/2020	Whatsapp, Google Classroom	Upto 11/04/2020	60	Problem solving ques,ppts.
	13/04/2020	Google Classroom	Upto 19/04/2020	70	Assignments
	22/04/2020	Google Classroom	Upto 25/04/2020	75	Notes,Quizzes
	26/04/2020	Whatsapp, Google Classroom	30/04/2020	80	Notes, Problems Solving, Assignment
	01/05/2020	Google Classroom, telephonic conversions etc.	Still going on		