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# PBL REPORT

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Operating Systems III-I CSE-C



NOVEMBER 9, 2022  
ANURAG UNIVERSITY  
school of engineering

## REPORT

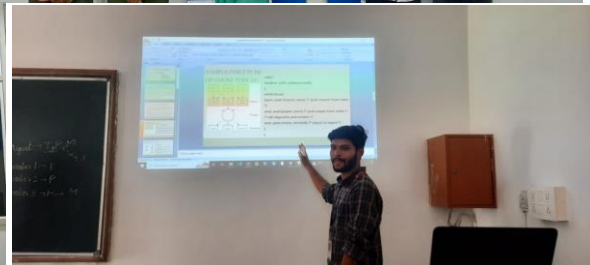
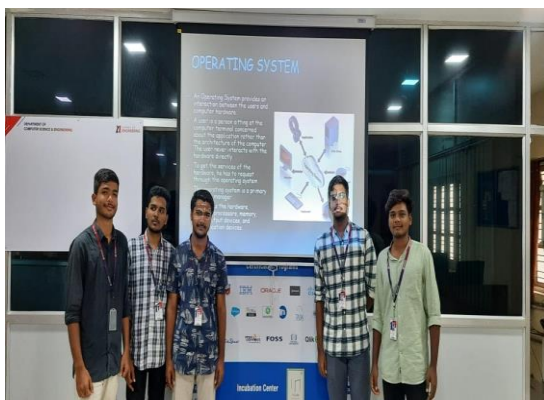
Our section has formed 13 different teams with 5 members in each team. All the teams performed very well and came up with very innovative solutions for their given problem. The goal for this PBL event is to make students find solutions to given problem, which they will be doing later in their life.

This type of events will be helpful for students by giving them experience of working in a team and working on a project. This event was done in presence of Operating Systems faculty Mrs P. Swarajya Lakshmi.

Team No	H. NO.	Student Name	Problem Statement
Team 1	20EG105301	AGNIVESH REDDY BONUGA	Implementation of OS Services and Functions
	20EG105302	ANUMULA VARUN CHAND	
	20EG105303	ARAGANLAPALLY MANIDHAR	
	20EG105304	KOMPELLA VENKAT SAI SRUJAN	
	20EG105305	BOINI PAVAN	
Team 2	20EG105306	BONTHA LAXMI PRIYA	Implementation of Sleeping Barber Problem
	20EG105307	CHAMAKURA SREE CHARAN REDDY	
	20EG105308	CHANDA SUMASREE	
	20EG105309	CHEEKATIMALLA MANIPREETH	
	20EG105310	CHITHANURU CHANDHANA	
Team 3	20EG105311	DOMATOTI VIPUL AVINASH	Implementation of Dining Philosophers Problem using Monitors
	20EG105312	ERRAGUNTA HARSHAVARDHAN REDDY	
	20EG105313	GADDAM POOJASRI	
	20EG105314	GARLAPATI AKSHAY REDDY	
	20EG105315	GOLLA SANTHOSH KUMAR	
Team 4	20EG105316	BASHYAKARLA SUCHARITH	Implementation of Synchronization and Hardware locks
	20EG105317	RETTALA NIKHIL	
	20EG105318	JAYANTHI NIKHIL ANAND	
	20EG105319	KADIYALA VENKAT SATHWIK	
	20EG105320	KALVAKUNTLA VARCHAS REDDY	
Team5	20EG105321	KANDI PRANEETH REDDY	Implementation of Types of Operating Systems
	20EG105322	KANDULA AKSHAYA	
	20EG105323	KANDULA SRI PAVANI	
	20EG105324	KATTA SAI PRANAV SWAMY	
	20EG105325	LAKSHMISHETTY NIKHIL SHETTY	
Team 6	20EG105326	VUNNAM NANDINI KRISHNA	Implementation of critical Section problem and Peterson's Solution
	20EG105327	MANTRALA VENKATA SRIVALLI SARVANI	
	20EG105328	MEDOJU VAMSHI KRISHNA	
	20EG105329	MOHMOOD ALI KHAN	
	20EG105330	REDDAVENI SAI KRISHNA	
Team 7	20EG105331	MYANA AMITHA	Implementation of Cigarette - Smokers Problem
	20EG105332	NAGHMA MULLA	
	20EG105333	NANDINI VEMUGANTI	

	20EG105334	NIKHITH REDDY PASHAM	
	20EG105335	P PRAMOD KUMAR REDDY	
Team 8	20EG105336	PAIDA SAMHITHA	Implementation of FCFS and SJF Scheduling Algorithms
	20EG105337	PAMULAPARTHI SAI NAGENDRA	
	20EG105338	PASUPULETI SRI CHARAN	
	20EG105339	PATHLAVATH PAVAN RAJ	
	20EG105340	PERUMANDLA SHIVA PRASAD	
Team 9	20EG105341	PONNAM SHIVANI	Implementation of Inter Process Communication
	20EG105342	RAKSHITHA KESARI	
	20EG105343	RAMANKOL SRIKANTH	
	20EG105344	RAVI DIVAKAR REDDY	
	20EG105345	SHIVARATRI AISHWARYA	
Team 10	20EG105346	SIRIKONDA SAIKUMAR	Implementation of Priority and Round Robin Scheduling Algorithms
	20EG105347	SREE VIDHYA LEDALLA	
	20EG105348	SUNCHIKALA JHANSI	
	20EG105349	THOTA VAMSHI	
	20EG105350	THUKKANI DINESH REDDY	
Team 11	20EG105351	V V S S CHANDRA	Implementation of Deadlock Recovery and Detectin
	20EG105352	VANGALA HARSHAVARDHAN	
	20EG105353	VANGAPATI CHANDAN TEJA	
	20EG105354	KANDADI INDRA REDDY	
	20EG105355	KONAKANDLA ANISH CHANDRA	
Team 12	20EG105356	KONDAPAKA SAI VAMSHI	Implementation of Need of Process Synchronization
	20EG105357	KOWKUTLA SHREYA REDDY	
	20EG105358	LEGA NEHA REDDY	
	20EG105359	MARRI MADHU YADAV	
	20EG105360	MEDA SHYAMSUNDER	
Team 13	20EG105702	MODDU SRIVALLI	Implementation of Multithreading
	20EG105708	LATHAVATH SRAVANTHI	
	20EG105722	PALREDDY SAI SRIYA	
	20EG105729	J ABHINAYA	
	20EG105732	A SINDHURA	

**Presentations:** Each team have worked smart and made wonderful presentations on their respective topic



## PBL ACTIVITY EVALUATION SHEET

H. NO.	Problem Statement	Methodology / Design 3 Marks	Presentation Skills (PPT/Model/ Program Execution) 3 Marks	Report (4 Marks)	Total (10 Marks)
20EG105301	Implementation of OS Services and Functions	2	3	3	8
20EG105302		2	3	3	8
20EG105303		2	3	4	9
20EG105304		2	3	3	8
20EG105305		2	3	3	8
20EG105306	Implementation of Sleeping Barber Problem	3	3	4	10
20EG105307		3	3	4	10
20EG105308		3	3	4	10
20EG105309		3	3	4	10
20EG105310		3	3	4	10
20EG105311	Implementation of Dining Philosophers Problem using Monitors	3	3	3	9
20EG105312		3	3	3	9
20EG105313		3	3	3	9
20EG105314		3	3	3	9
20EG105315		3	3	3	9
20EG105316	Implementation of Synchronization and Hardware locks	2	3	3	8
20EG105317		2	3	3	8
20EG105318		2	3	3	8
20EG105319		3	3	3	9
20EG105320		2	2	3	7
20EG105321	Implementation of Types of Operating Systems	3	3	3	9
20EG105322		3	3	3	9
20EG105323		3	3	3	9
20EG105324		3	3	3	9
20EG105325		3	3	3	9
20EG105326	Implementation of critical Section problem and Peterson's Solution	3	3	3	9
20EG105327		3	3	3	9
20EG105328		3	3	3	9
20EG105329		2	2	3	7
20EG105330		3	3	3	9
20EG105331	Implementation of Cigarette - Smokers Problem	3	3	4	10
20EG105332		3	3	4	10
20EG105333		3	3	4	10
20EG105334		3	3	4	10
20EG105335		3	3	4	10
20EG105336	Implementation of FCFS and SJF Scheduling Algorithms	3	3	3	9
20EG105337		2	3	3	7
20EG105338		3	3	3	9
20EG105339		2	3	3	8

20EG105340		2	3	3	8
20EG105341	Implementation of Inter Process Communication	2	3	3	7
20EG105342		3	3	3	9
20EG105343		2	3	3	7
20EG105344		3	3	3	9
20EG105345		3	3	3	9
20EG105346	Implementation of Priority and Round Robin Scheduling Algorithms	2	1	2	5
20EG105347		2	3	3	8
20EG105348		3	3	3	9
20EG105349		2	1	2	5
20EG105350		2	3	3	8
20EG105351	Implementation of Deadlock Recovery and Detection	3	3	3	9
20EG105352		2	1	2	5
20EG105353		3	3	3	9
20EG105354		2	1	2	5
20EG105355		3	3	3	9
20EG105356	Implementation of Need of Process Synchronization	3	3	3	9
20EG105357		3	3	3	9
20EG105358		3	3	3	9
20EG105359		2	1	2	5
20EG105360		3	3	3	9
20EG105702	Implementation of Multithreading	2	3	3	8
20EG105708		2	2	3	7
20EG105722		2	3	3	8
20EG105729		3	3	4	10
20EG105732		2	2	3	7

Course Instructor

Dean SOE