

	<p align="center"> <b>NPR College of Engineering &amp; Technology</b>          NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India          Approved by AICTE, New Delhi &amp; Affiliated to Anna University, Chennai.          An ISO 9001:2015 Certified Institution          Phone No: 04544- 246 500, 246501, 246502.          Website : www.nprcolleges.org, www.nprcet.org, Email.nprcetprincipal@nprcolleges.org       </p>	
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CRITERION – 2 TEACHING – LEARNING AND EVALUATION		
KEY INDICATOR – 2.5 EVALUATION PROCESS AND PERFORMS		
Metric No. 2.5.2 Mechanism of Internal Assessment is Transparent and Robust in terms of Frequency and variety		
S. No.	Content	Page No.
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**PRINCIPAL**

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Principal

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Natham, Dindigul (Dt) - 624 401.



# NPR College of Engineering & Technology

NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India  
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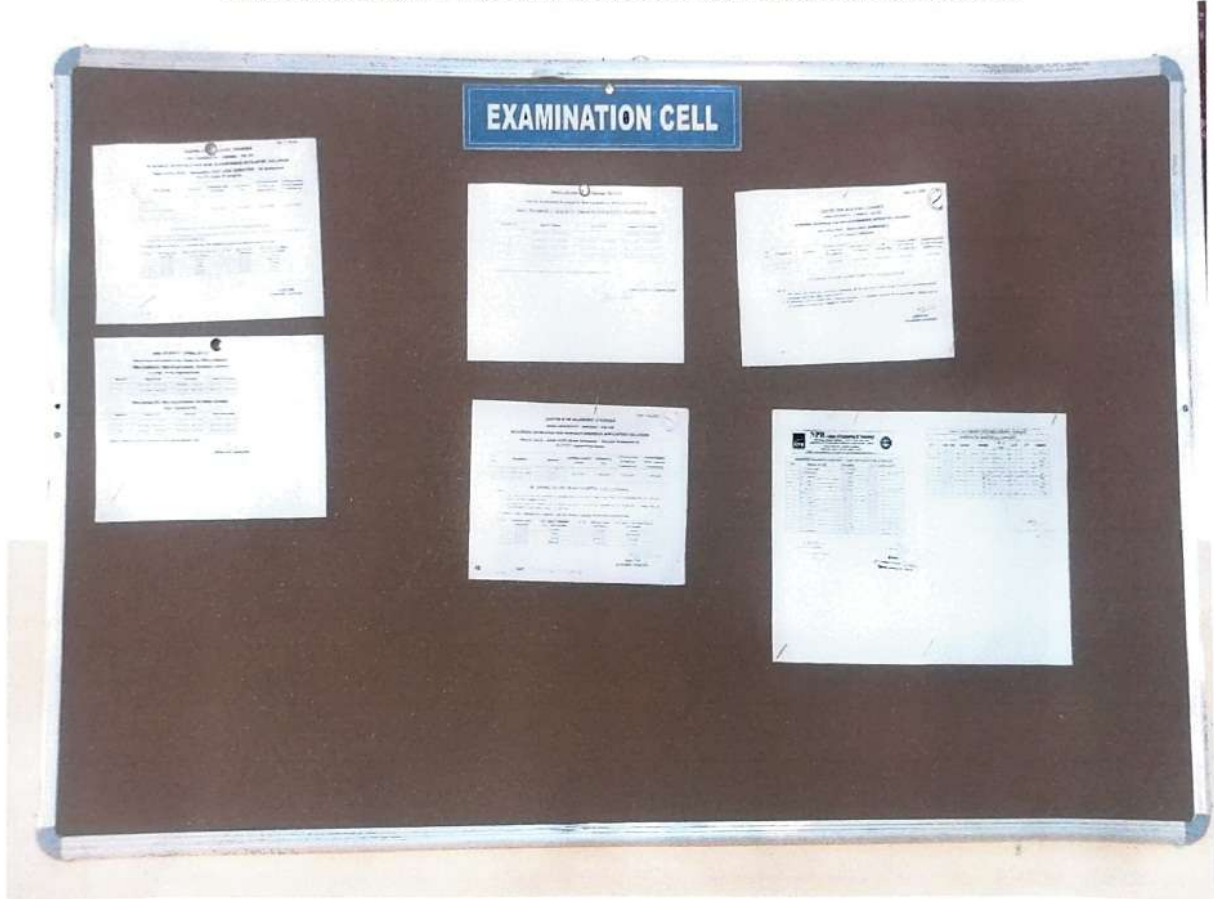
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Website : [www.nprcolleges.org](http://www.nprcolleges.org), [www.nprcet.org](http://www.nprcet.org), Email [nprcetprincipal@nprcolleges.org](mailto:nprcetprincipal@nprcolleges.org)



## NOTIFICATION OF CIE DISPLAYED IN EXAMCELL NOTICEBOARD





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## INTERNAL TEST - I/H

- a) Register Number : 920819104005  
 b) Year & Department : II Yr & CSE  
 c) Subject code & Title : CS8493 - Operating System  
 d) Date & Session (FN/AN) : 26-03-2021 - FN  
 e) Number of pages used : 10

— (ONLINE MODE)

Name and Signature of the Hall  
Superintendent with Date

Students has to put a tick (✓) mark for the questions attended in tick mark column

PART-A			
Question No.	✓	CO.1... Marks	CO.2... Marks
1.		2	
2.			2
3.		2	
4.			2
5.			2
TOTAL		4	6
TOTAL MARKS		10	

Students has to put a tick (✓) mark for the questions attended in tick mark column

PART-B & C							
Question No.	(i)	i	i	(ii)	ii	ii	Total Marks
	✓	CO.1... Marks	CO.2... Marks	✓	CO.1... Marks	CO.2... Marks	
6.		8					8
7.	a)	14 1/2					14 1/2
	b)						
8.	a)		16				16
	b)						
TOTAL		22 1/2	16				38 1/2

CO. No.	Total Marks	Attained Marks
CO.1...	28	26 1/2
CO.2...	22	22

Grand Total	48 1/2
	50

*P. Kal*  
Name and Signature of the Faculty

*J. Th.*  
Name and Signature of the HoD

## Part - A

### 1. operating system :

\* An operating system is a program that manages a computer hardware.

\* It also provides a basis for application programs.

\* It acts as an intermediate between computer user & computer hardware.

### 2. Types of Schedulers :

\* Long-term scheduler - selects which processes should be brought into ready queue.

\* Short-term scheduler - selects which processes should be executed next and allocates CPU.

### 3. Types of O.S :

\* Batch OS      \* Distributed OS      \* Multitasking OS

\* Network OS      \* Real OS

### 4. Inter Process Communication :

\* Interprocess communication is used for programs to communicate data to each other and to synchronize their activities.



\* IPC is a method for two or more separate programs or processes to communicate with each other.

5. Process & Thread :

Process	Thread
Process means any program is in execution.	Thread means segment of a process.
It takes more time to terminate.	It takes less time to terminate.
It takes more time for creation.	It takes less time for creation.
It takes more time for context switching.	It takes less time for context switching.
It consume more resources.	It consume less resources.

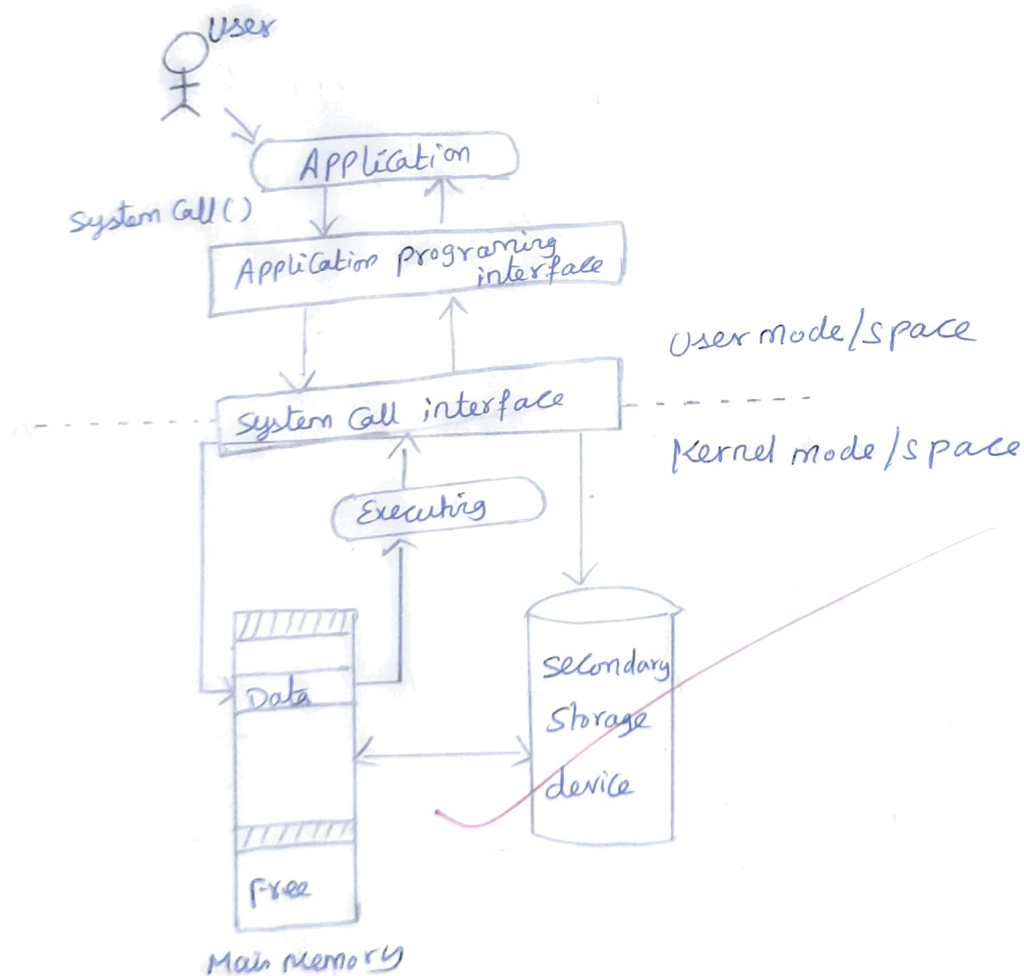
6. System Calls :

\* Programming interface to the services produced by the OS.

\* Typically written in a high-level language -

\* Mostly accessed by programs via high-level

Application Program Interface rather than direct system call use.



Windows System : Win 32 API

POSIX System : POSIX API

Virtual Machine : Java API

## Classification:

### 1) File Management:

\* File management system calls are Create file, delete file, open file, close file, read file, write file, get and set file attribute.

\* User can create file using Create () system call.

### 2) Process Management:

\* System calls for process management are Create, load, terminate, execute, set & get process attributes.

\* Other system call for process management is wait for time, wait event, allocate, free memory.

### 3) Interprocess Communication:

\* Pipe, socket, message passing, shared memory are used for this type.

\* Send message, receive message, create & delete connection, attach remote device are the system calls used in interprocess communication.

\* If there are no process to execute, no I/O device to service and no users to whom to respond, an OS will sit quietly, waiting for something to happen.

\* A trap is a software generated interrupt caused either by an error.

\* The interrupt-driven nature of an OS defines that system's general structure.

\* Without protection against these sorts of errors, either the computer must execute only one process at a time.

\* Before the OS, programmer is responsible for the controls of i/p - o/p device operations.

\* Sharing of resource among different programmers is possible without increasing cost.

\* For proper operation & error free result protection of error is required.

\* Computer hardware detects errors. OS handled this types of errors.



#### 4) I/O device management :

\* System calls for device management are request(), device, release() device, get and set device attributes, read, write etc.

\* Process needs several resources in its life time.

#### 5) Information processing & maintenance :

\* System calls for this category is set time and date, get time and date, get system data, get and set process, file and device.

\* Most of the OS provides system call for set and get the time and date.

### Part - C

#### 7. Operations performed by the OS :

\* For single-user programmer OS, programmer has complete control over the system. They operate system from console.

\* Early OS were called resident monitors and starting with resident monitor, the OS began to perform many functions.

## Dual Mode operation :

\* For proper operation & correct o/p, OS must be protected. The users program and data must be protected from any malfunctioning program.

\* In this, two separate modes are used for working of OS. These modes are user mode and monitor mode.

\* For indicating mode, mode bit is used in Computer hardware. The mode bit is 0 for monitor & 1 for user.

\* At the booting time, hardware starts in monitor mode, then OS is loaded.

\* The hardware switches from user to monitor mode, when interrupts occur.

\* The dual mode operation provides the protection to OS from unauthorized users.

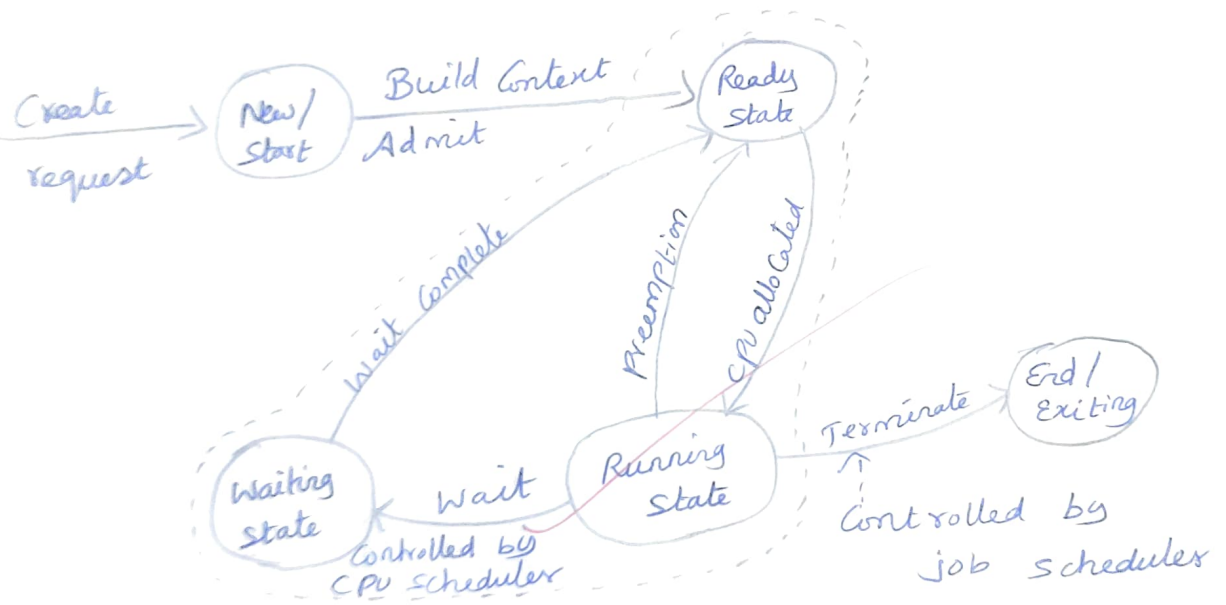
## 8. Process :

\* A Process is simply a program in execution.  
i.e., an instance of a program execution.

\* It is active entity.

\* Process is a dynamic entity.

## Process states :



\* State diagram is used by the process manager to determine the type of service to provide to process.

## States :

- 1) New
- 2) Ready
- 3) Running
- 4) Blocked/Waiting
- 5) Exit/End

New:

\* OS creates new process by using fork() system call.

Call:

\* These processes are newly created process.

Ready:

\* The process is completing for CPU.

\* Process reaches to head of the list.

Running:

\* The process that is currently being executed.

\* OS allocates all the hardware & software resources to

process for execution.

Blocked/Waiting:

\* A process is waiting until some event occurs such as the completion of an I/O operation.

Exit/End:

\* A process completes its operations and releases all resources.



\* OS maintains a ready list of ready process and blocked list of blocked processes.

S. No	State Transition	Remarks
1.	Ready to running	process is dispatched
2.	Running to ready	process time slice expires.
3.	Running to blocked	when process blocks.
4.	Blocked to ready	when event for which it has been waiting occurs
5.	Ready to exit	This is possible when parent process may terminate child process at any time
6.	Running to exit	when currently running process complete its operation then OS terminates the process.



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NOV. / DEC. EXAMINATION, 2020 - EXAMINATIONS

Inst Code & Name : 9208 - N P R COLLEGE OF ENGINEERING AND TECHNOLOGY

Branch Code / Name : 104 : B.E. Computer Science and Engineering      University : AUC  
Semester : 07

Register No.	Name of the Student	Subjects	Attend hr 1	Total hr 1	Attend hr 2	Total hr 2	IM 2	Attend hr 3	Total hr 3	IM 3	Attend hr 4	Total hr 4	IM 4	
920817104001	AARTHIR	CS8079			25	25	95	23	23	95	13	13	100	
		CS8711									60	60	97	
		CS8791			26	26	94	27	27	98	12	12	98	
		CS8792			24	24	96	27	27	98	12	12	98	
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		MG8591			23	23	92	23	23	95	14	14	100	
920817104002	ASIRAMI M	OIE751			24	24	90	23	23	93	15	15	98	
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		CS8792			23	24	98	27	27	99	12	12	100	
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920817104003	AISHWARYA A	MG8591			21	23	94	23	23	94	14	14	100	
		OIE751			22	24	98	22	23	95	15	15	98	
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		CS8711										60	60	98
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		OIE751			24	24	95	23	23	93	15	15	94	
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		OIE751			23	24	94	23	23	94	15	15	99	
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920817104007	AJITH KUMAR P J K	CS8791			26	26	100	27	27	100	12	12	100	
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		GE8077			22	22	98	20	20	97	16	16	100	







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Assessment Details Entered

NOV. / DEC. EXAMINATION, 2020 - EXAMINATIONS

Inst Code & Name : 9208 - N P R COLLEGE OF ENGINEERING AND TECHNOLOGY

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920817104025	KOUSHIK ROMEL J	CS8079	23	25	90	21	23	90	12	13	92





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Institution Code & Name : 8508 N P R COLLEGE OF ENGINEERING AND TECHNOLOGY

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	IT8761							60	60	98
	CS8791	20	20	92	18	20	92	10	10	92



# ANNA UNIVERSITY :: CHENNAI - 600 025

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Assessment Details Entered

NOV. / DEC. EXAMINATION, 2020 - EXAMINATIONS

Inst Code & Name : 9208 - N P R COLLEGE OF ENGINEERING AND TECHNOLOGY

	CS8792	24	24	96	27	27	96	12	12	99
	GE8077	22	22	98	20	20	98	16	16	100
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	MG8591	23	23	94	23	23	98	14	14	100
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920817104035	NATHISHKUMAR R									
	CS8079	20	25	72	18	23	76	11	13	76
	CS8711							54	60	91
	CS8791	20	26	74	20	27	75	10	12	77
	CS8792	22	24	72	19	27	78	10	12	78
	GE8077	20	22	73	18	20	75	14	16	77
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	MG8591	22	23	71	15	23	75	12	14	78
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	MG8591	23	23	90	22	23	90	14	14	92
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920817104037	NELSON J									
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	CS8792	24	24	90	22	27	95	11	12	96
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	CS8792	24	24	92	22	27	94	10	12	96
	GE8077	18	22	90	16	20	92	14	16	94
	IT8761							54	60	95
	MG8591	20	23	92	21	23	92	12	14	90
	OIE751	24	24	92	20	23	85	13	15	90
920817104039	PARAMESHWARI P									
	CS8079	25	25	92	23	23	92	13	13	100
	CS8711							60	60	98
	CS8791	26	26	95	27	27	97	12	12	96
	CS8792	24	24	94	25	27	96	12	12	98
	GE8077	22	22	98	20	20	98	16	16	100
	IT8761							60	60	97
	MG8591	23	23	90	23	23	95	14	14	100
	OIE751	24	24	90	22	23	94	15	15	92
920817104040	POOVARASAN M									
	CS8079	22	25	92	18	23	94	12	13	92
	CS8711							56	60	95
	CS8791	24	26	90	22	27	94	11	12	92
	CS8792	22	24	92	21	27	93	11	12	96
	GE8077	21	22	90	15	20	96	15	16	100
	IT8761							56	60	96
	MG8591	19	23	90	19	23	95	13	14	90
	OIE751	24	24	86	19	23	95	14	15	91
920817104041	POOVENDRAN K									
	CS8079	25	25	96	22	23	96	13	13	96
	CS8711							60	60	98
	CS8791	25	26	94	27	27	96	11	12	96
	CS8792	24	24	96	27	27	98	11	12	98
	GE8077	22	22	94	18	20	94	16	16	100



**ANNA UNIVERSITY :: CHENNAI - 600 025**  
**OFFICE OF THE CONTROLLER OF EXAMINATIONS**

Assessment Details Entered

NOV. / DEC. EXAMINATION, 2020 - EXAMINATIONS

Inst Code & Name : 9208 - N P R COLLEGE OF ENGINEERING AND TECHNOLOGY

	IT8761							60	60	98	
	MGE591	22	23	92	22	23	97	13	14	100	
	OIE751	24	24	87	22	23	92	15	15	92	
920817104042	PRAKASH KUMAR S	CS8079	19	25	71	17	23	75	11	13	78
	CS8711							54	60	91	
	CS8791	21	26	73	20	27	75	11	11	12	77
	CS8792	21	24	71	20	27	78	11	11	12	78
	GE8077	20	22	72	16	20	76	14	14	16	76
	IT8761							56	60	91	
	MGE591	22	23	72	17	23	75	13	14	78	
	OIE751	21	24	71	18	23	75	13	15	91	
920817104043	PREETHI A	CS8079	25	25	98	22	23	98	13	13	100
	CS8711							60	60	98	
	CS8791	26	26	92	27	27	98	12	12	100	
	CS8792	24	24	98	26	27	99	12	12	100	
	GE8077	22	22	98	20	20	98	16	16	100	
	IT8761							60	60	98	
	MGE591	23	23	90	23	23	90	14	14	100	
	OIE751	24	24	95	23	23	98	15	15	98	
920817104044	RAJADURAI R	CS8079	20	25	92	18	23	92	11	13	92
	CS8711							54	60	95	
	CS8791	25	26	94	20	27	94	11	12	94	
	CS8792	20	24	94	19	27	94	11	12	94	
	GE8077	20	22	92	15	20	92	14	16	94	
	IT8761							54	60	95	
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	OIE751	20	24	84	18	23	85	13	15	91	
920817104045	ROFINA BEGAM N	CS8079	25	25	96	23	23	96	13	13	96
	CS8711							60	60	97	
	CS8791	26	26	92	27	27	96	12	12	98	
	CS8792	24	24	96	27	27	97	12	12	100	
	GE8077	22	22	98	19	20	98	16	16	100	
	IT8761							60	60	97	
	MGE591	23	23	92	23	23	96	14	14	98	
	OIE751	24	24	92	21	23	93	15	15	98	
920817104046	SANGEERANI P	CS8079	25	25	98	22	23	98	13	13	100
	CS8711							60	60	100	
	CS8791	24	26	98	27	27	98	12	12	100	
	CS8792	24	24	98	25	27	99	12	12	100	
	GE8077	22	22	98	20	20	98	16	16	100	
	IT8761							60	60	100	
	MGE591	21	23	94	23	23	95	14	14	100	
	OIE751	24	24	94	23	23	97	15	15	99	
920817104047	SASTHANANDHAN W	CS8079	19	25	76	18	23	76	11	13	76
	CS8711							54	60	91	
	CS8791	18	26	74	20	27	75	10	12	77	
	CS8792	18	24	78	19	27	78	10	12	78	
	GE8077	18	22	71	18	20	75	14	16	78	
	IT8761							54	60	91	
	MGE591	18	23	75	16	23	75	12	14	78	
	OIE751	17	24	73	19	23	75	13	15	79	
920817104048	SHARMA A	CS8079	19	25	75	18	23	75	11	13	78
	CS8711							54	60	91	
	CS8791	18	26	73	20	27	78	11	12	76	
	CS8792	18	24	76	20	27	75	11	12	78	
	GE8077	19	22	72	18	20	76	14	16	76	
	IT8761							54	60	91	
	MGE591	18	23	72	16	23	75	13	14	78	





# ANNA UNIVERSITY :: CHENNAI - 600 025

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NOV. / DEC. EXAMINATION, 2020 - EXAMINATIONS

Inst Code & Name : 9208 - N P R COLLEGE OF ENGINEERING AND TECHNOLOGY

920817104048	SUBABRI S	OIE751	17	24	71	19	23	75	13	15	78	
		CS8079	25	25	96	22	23	96	13	13	92	
		CS8711								60	60	96
		CS8791	26	26	94	26	27	94	12	12	96	
		CS8792	24	24	96	27	27	97	12	12	96	
		GE8077	22	22	96	20	20	96	16	16	96	
		IT8761								60	60	96
920817104051	VARSHA M	MG8591	23	23	92	23	23	94	14	14	100	
		OIE751	24	24	90	23	23	94	15	15	97	
		CS8079	25	25	98	23	23	99	13	13	100	
		CS8711								60	60	100
		CS8791	26	26	98	27	27	98	12	12	100	
		CS8792	24	24	98	27	27	98	12	12	100	
		GE8077	22	22	98	20	20	98	16	16	100	
920817104052	VIJAYALAKSHMI S	IT8761								60	60	100
		MG8591	23	23	90	23	23	97	14	14	100	
		OIE751	24	24	95	23	23	95	15	15	96	
		CS8079	25	25	95	18	23	95	13	13	96	
		CS8711								60	60	98
		CS8791	26	26	92	24	27	95	12	12	96	
		CS8792	24	24	96	26	27	96	12	12	100	
920817104053	VIJAYA SHANTHI M	GE8077	22	22	94	20	20	95	16	16	100	
		IT8761								60	60	98
		MG8591	23	23	92	21	23	96	14	14	100	
		OIE751	24	24	92	19	23	94	15	15	95	
		CS8079	21	25	94	20	23	95	13	13	92	
		CS8711								60	60	95
		CS8791	20	26	94	23	27	94	12	12	92	
920817104054	VIJAYKRISHNA T	CS8792	21	24	94	20	27	97	12	12	94	
		GE8077	20	22	93	20	20	94	16	16	94	
		IT8761								60	60	95
		MG8591	22	23	90	18	23	94	14	14	100	
		OIE751	19	24	91	21	23	93	15	15	90	
		CS8079	0	25	0	0	23	0	0	13	0	
		CS8711										
920817104055	YOGESH KANNA S	CS8791	0	26	0	0	27	0	0	12	0	
		CS8792	0	24	0	0	27	0	0	12	0	
		GE8077	0	22	0	0	20	0	0	16	0	
		IT8761										
		MG8591	0	23	0	0	23	0	0	14	0	
		OIE751	0	24	0	0	23	0	0	15	0	
		CS8079	20	25	92	19	23	95	13	13	94	
920817104055	YOGESH KANNA S	CS8711								60	97	
		CS8791	24	26	91	24	27	91	12	12	94	
		CS8792	24	24	95	22	27	95	12	12	98	
		GE8077	18	22	94	20	20	92	16	16	96	
		IT8761								60	60	97
		MG8591	22	23	94	21	23	92	14	14	92	
		OIE751	21	24	88	22	23	75	15	15	92	





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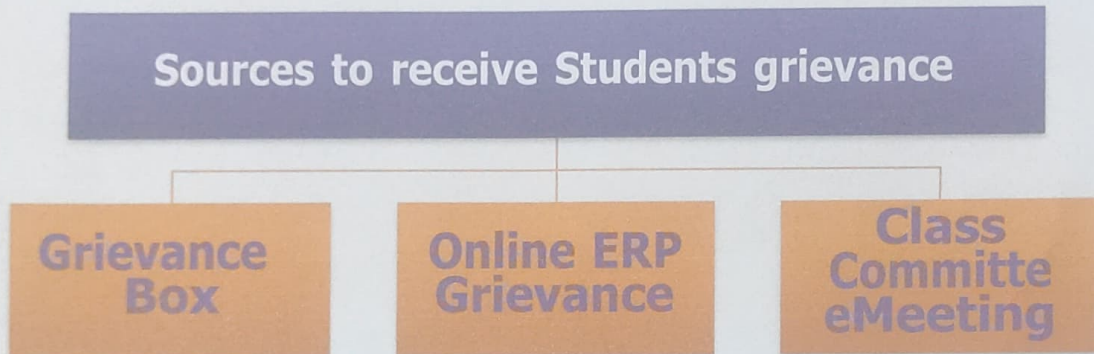
An ISO 9001:2015 Certified Institution.

Phone No: 04544- 246 500, 246501, 246502.

Website : [www.nprcolleges.org](http://www.nprcolleges.org), [www.nprcet.org](http://www.nprcet.org), Email: [nprcetprincipal@nprcolleges.org](mailto:nprcetprincipal@nprcolleges.org)



## FLOWCHART FOR GRIEVANCE REDRESSAL COMMITTEE



## SUGGESTION BOX





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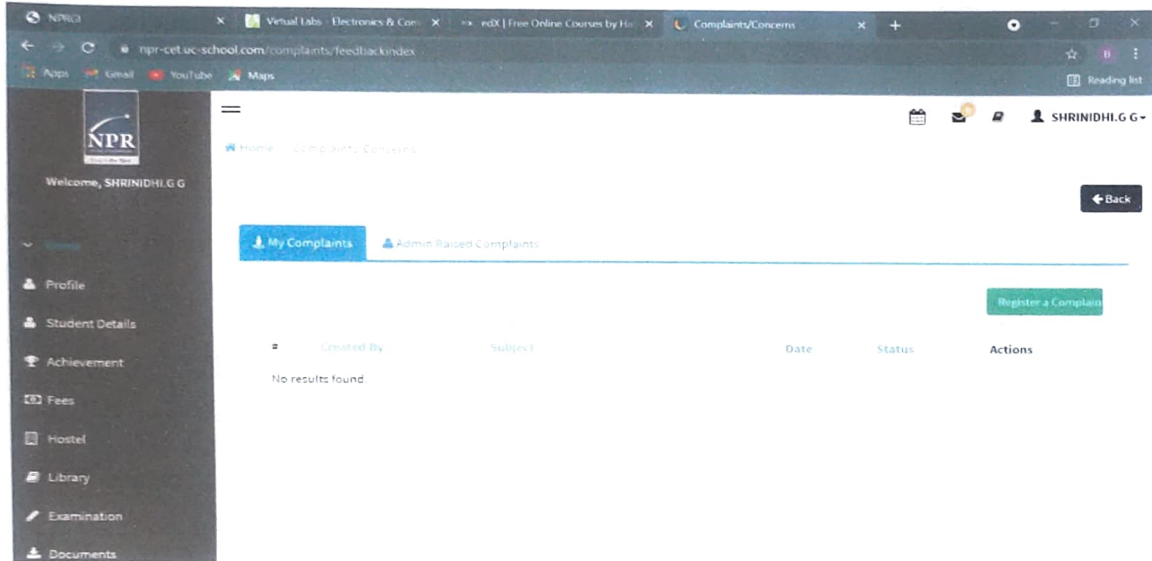
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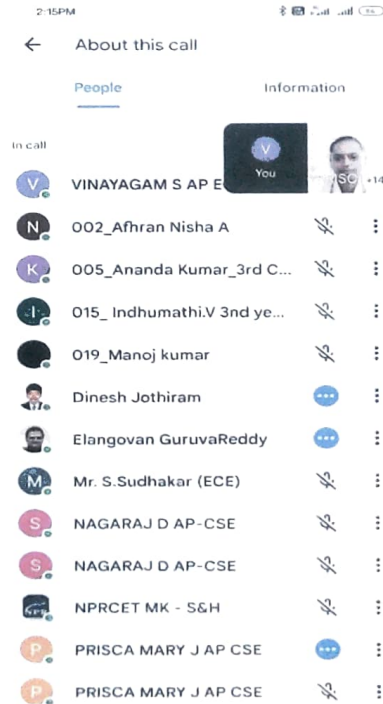
## ONLINE ERP GRIEVANCE FACILITIES



## ONLINE SAMPLE CLASS COMMITTEE MEETING - I SCREENSHOT

Year / Semester: II / III

Academic Year: 2020 – 2021





# NPR College of Engineering & Technology

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

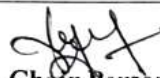
### CLASS COMMITTEE MEETING

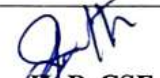
Date: 17.8.2020

#### CIRCULAR

The first class committee meeting of the second year Computer Science and Engineering has been planned to conduct on 24.8.2020 at 02.00 p.m in Google Meet Platform. The subject handling faculties and student representatives are informed to attend the meeting without fail.

S.No.	Agenda
1	Regulation of degree programme
2	Academic Schedule & Academic Calendar
3	Students Personality and Character development
4	Test Pattern
5	System of Examination
6	Weak Students Identification
7	Value added Courses
8	Any other matter

  
Chair Person  
(Mr. S.M. Vijayarajan)  
(ASP/ECE)

  
HOD-CSE  
(Mr. J. Viswanath)

#### Subject Handling Faculty:

Name	Designation
Mrs.R.Muthukumari	AP/S&H
Prof.G.Elangovan	HOD/EEE
Mr.J.Dinesh	AP/CSE
Mr.D.Nagaraj	AP/CSE
Mr.S.Sudhakar	AP/ECE
Mr.S.Vinayagam	AP/ECE
Ms.R.Sindhu	AP/S&H

#### Student Representatives:

Name of the student	Year and Section
Mr.A.Anandakumar	II-CSE
Ms.A.Afhran Nisha	II-CSE
Ms.V.Indhumathi	II-CSE
Mr.T.Manojkumar	II-CSE





	<p align="center"> <b>NPR College of Engineering &amp; Technology</b>          NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India          Approved by AICTE, New Delhi &amp; Affiliated to Anna University, Chennai.          An ISO 9001:2015 Certified Institution.          Phone No: 04544- 246 500, 246501, 246502.          Website : <a href="http://www.nprcolleges.org">www.nprcolleges.org</a>, <a href="http://www.nprcet.org">www.nprcet.org</a>, Email <a href="mailto:nprcetprincipal@nprcolleges.org">nprcetprincipal@nprcolleges.org</a> </p>	
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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Minutes of the Class Committee Meeting - I.**

<b>Class:</b> II- CSE	<b>Date:</b> 20.8.2020	<b>Time:</b> 02.00 p.m.	<b>Mode:</b> Google Meet Platform
<b>Members:</b> II- CSE Subject handling Faculty Members & Student Representatives			

First class committee meeting for second year CSE was conducted in Google Meet at 2.00 p.m. The following points were discussed in the meeting

**1. Regulation of degree programme:**

- Regular students have to complete their degree within 8 semesters if not they have to complete within 3 years.
- For lateral entry students degree completion should not exceed 2 years.
- If students want to enter into V semester they have to clear semester I.
- If students want to enter into VI semester they have to clear semester II.
- If students want to enter into VII semester they have to clear semester III.
- If students want to enter into VIII semester they have to clear semester IV.

**2. Academic Schedule & Academic Calendar:**

- As per the academic schedule given by Anna University, Internal Examinations, Model Examination and university practical Examination will be conducted.
- Workshops and seminars were planned to conduct in this semester as per academic calendar.

**3. Students Personality and Character development:**

- Students who are interested can join National Service Scheme.
- For career growth, it is planned to conduct guest lecture, seminars, workshops and placement training programs.





**4. Test Pattern:**

- For every semester 2 Internal Examinations and 1 Model Examination will be conducted for theory subjects and 1 Model Practical Examination will be conducted as per academic calendar.

**5. System of Examination:**

- Total marks 100 will be split into two categories: 20 marks for Internal and 80 marks for University Examination.
- Internal mark will be based on the Continuous Internal Assessment.

**6. Weak Students(Slow Learners) Identification:**

- Students those who score less than 60 marks in Internal Examination will be considered as slow learners.
- The remedial classes will be conducted for slow learners to improve their marks in Internal Examinations and University Examination.

**7. Value added Courses:**

- Students those who are interested can register their name and attend the value added courses.

**8. Any other matters:**

- Students are advised to attend the Internal Examinations and Model Examination without fail.
- Students should maintain a minimum 75% of attendance for each subject.
- Assignments will be given for practice and that should be submitted on date.
- Students have to get prior permission to take leave in the prescribed format.

S. No	Subject Code	Subject Name	Name of the Faculty	Desg /Dept	Syllabus Completion	Feedback from Students	Faculty Signature
1	MA8351	Discrete Mathematics	Mrs.R.Muthukumari	AP/ S&H	Introduction of the Subject	Easy to understand	R Muthu
2	CS8351	Digital Principles & System Design	Prof.G.Elangovan	AP/EEE	I unit in progress	Good	g
3	CS8391	Data Structures	Mr.J.Dinesh	AP/CSE	I unit in progress	Good	J D
4	CS8392	Object Oriented Programming	Mr.D.Nagaraj	AP/CSE	I unit in progress	Good	D N
5	EC8395	Communication Engineering	Mr.S.Sudhakar	AP/ECE	I unit in progress	Good	S S
6	CS8381	Data Structures Laboratory	Mr. J.Dinesh	AP/CSE	1st experiment completed	Good	J D
7	CS8383	Object Oriented Programming Laboratory	Mr.D.Nagaraj	AP/CSE	1st experiment completed	Good	D N
8	CS8382	Digital System Laboratory	Mr.S.Vinayagam	AP/ECE	1st experiment completed	Good	hmy
9	HS8381	Interpersonal skills/ Listening and speaking Laboratory	Ms.R.Sindhu	AP/S&H	Introduction of the Subject	Good	R S





## GRIEVANCES/SUGGESTIONS FROM STUDENTS:

1. Students requested the faculties to send the E-books for each and every subject.
2. Students expect faculties to give important questions while teaching.
3. Students requested to conduct Internet of Things (IOT) as a value added course.

### Members Present:

S.No.	Members	Name	Designation/Department
1	Head of the Department	Mr.J.Viswanath	HoD/CSE
2	Chairperson	Mr. S.M. Vijayarajan	ASP/ECE
3	Faculty Members handling the Subjects	Mrs.R.Muthukumari	AP/S&H
		Prof.G.Elangovan	HoD/EEE
		Mr.J.Dinesh	AP/CSE
		Mr.D.Nagaraj	AP/CSE
		Mr.S.Sudhakar	AP/ECE
		Mr.S.Vinayagam	AP/ ECE
		Ms.R.Sindhu	AP/S&H
4	Student Representatives	Mr.A.Anandakumar	II- CSE
		Ms.A.Afhran Nisha	II- CSE
		Ms.V.Indhumathi	II- CSE
		Mr.T.Manojkumar	II- CSE

  
Chairperson  
(Mr. S.M. Vijayarajan)  
(ASP/ECE)

  
HOD-CSE  
(Mr. J. Viswanath)





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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**CLASS COMMITTEE MEETING**

**Date: 27.8.2020**


**ACTION TAKEN REPORT: CLASS COMMITTEE MEETING-I**

<b>CLASS COMMITTEE MEETING-I</b>		<b>ACADEMIC YEAR-2020-2021 (ODD)</b>	
<b>Class: II CSE</b>	<b>Date: 24.08.2020</b>	<b>Time: 2.00p.m.</b>	<b>Mode : Google Meet Platform</b>

S.No	SUGGESTIONS	CORRECTIVE ACTION
1	Students requested the faculties to send the E-books for each and every subject	E-Book for each and every subject has been sent to the students.
2	Students expect faculty members to give important questions while teaching.	Important questions for each subject have been informed to students during online classes and verified by the HoD.
3	Students requested to conduct Internet of Things (IOT) as a value added course.	Value added course on IOT has been planned to conduct for students in the month of October. The course content and schedule has been approved by our principal.

  
**Class In-charge**  
(Mrs. J. Prisca Mary )  
(AP/CSE)



  
**HOD/CSE**  
(Mr.J.Viswanath)





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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CLASS COMMITTEE MEETING – I

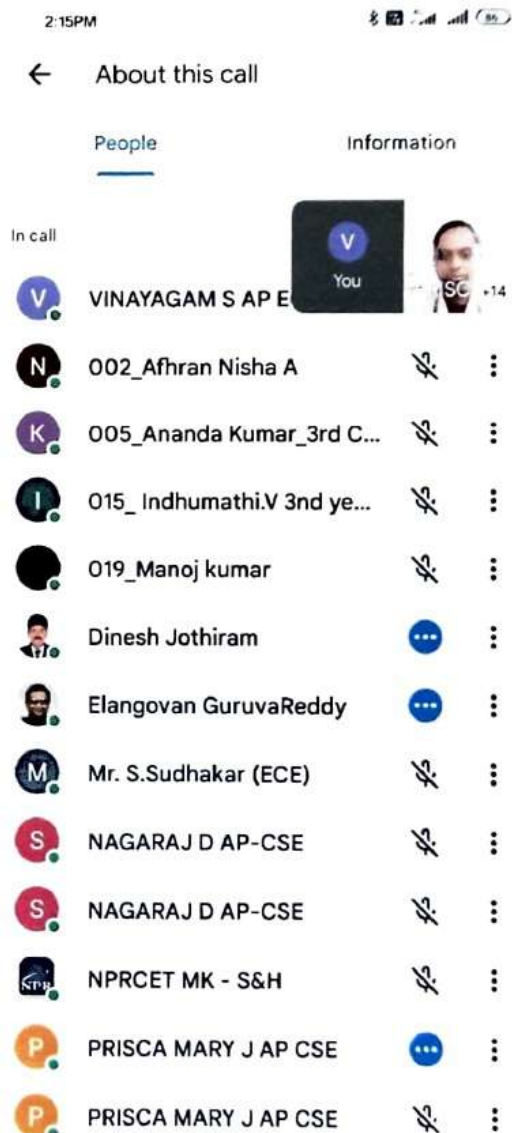
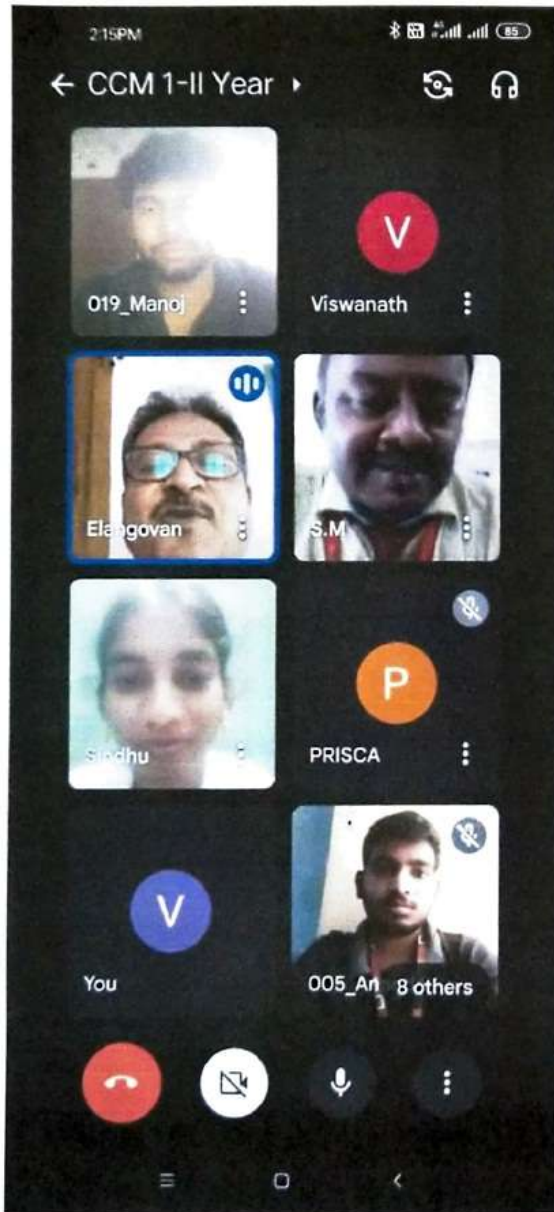
### ATTENDANCE SCREENSHOTS

**Class:** II- CSE

**Date:** 24.8.2020

**Time:** 02.00 p.m.

**Mode:** Google Meet Platform



 <p><b>NPR</b> Reach The Star</p>	<p><b>NPR College of Engineering &amp; Technology</b> NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India. Approved by AICTE, New Delhi &amp; Affiliated to Anna University, Chennai. An ISO 9001:2015 Certified Institution. Phone No: 04544- 246 500, 246501, 246502. Website : <a href="http://www.nprcolleges.org">www.nprcolleges.org</a>, <a href="http://www.nprcet.org">www.nprcet.org</a>, Email <a href="mailto:nprcetprincipal@nprcolleges.org">nprcetprincipal@nprcolleges.org</a></p>	 <p><b>ISO 9001</b> CERTIFIED</p>
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NPRCET/OFF/CSE/VAC/2020– 2021

21.10.2020

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**CERTIFICATE COURSE ON “INTRODUCTION TO INDUSTRY 4.0 AND INDUSTRIAL IOT”**

**CIRCULAR**

This is to inform that Department of Computer Science and Engineering has planned to conduct a Certificate course on “INTRODUCTION TO INDUSTRY 4.0 AND INDUSTRIAL IOT” for the students during the end of odd semester 2020 – 2021. Interested students can enroll their name to the program coordinator on or before 28.10.2020 through WhatsApp. The details of the certificate course are given below.

**RESOURCE PERSON** : Mr. N. Roshan Zameer,  
Project Manager,  
Go2Group Technologies Pvt Ltd, Chennai.


**VENUE** : Virtual Mode (Google Meet)

**DATE & DURATION** : 29.10.2020 to 04.11.2020 & 35 Hours

**PROGRAM COORDINATOR** : Mrs.V.Sujitha, AP/CSE, NPRCET.

**Copy to:**

1. All the HoDs
2. Notice Board
3. File
4. Program Coordinator
5. IQAC

  
**PRINCIPAL**  
**Dr. J.SUNDARARAJAN**  
B.E., M.Tech., Ph.D.,  
Principal  
N.P.R. College of Engineering & Technology  
Natham, Dindigul (Dt) - 624 401.





# NPR College of Engineering & Technology

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE COURSE ON “INTRODUCTION TO INDUSTRY 4.0 AND INDUSTRIAL IOT”

#### 20CSCC01 - INTRODUCTION TO INDUSTRY 4.0 AND INDUSTRIAL IOT - COURSE CONTENT

##### Day 1 – Industry 4.0: Introduction

Introduction: Sensing & actuation, Communication-Part I, Part II, Networking-Part I, Part II.  
Industry 4.0: Globalization and Emerging Issues, The Fourth Revolution, LEAN Production Systems, Smart and Connected Business Perspective, Smart Factories

##### Day 2 – Industry 4.0

Cyber Physical Systems and Next Generation Sensors, Collaborative Platform and Product Lifecycle Management, Augmented Reality and Virtual Reality, Artificial Intelligence, Big Data and Advanced Analysis, Cybersecurity in Industry 4.0.

##### Day 3 – Basics of Industrial IoT

Industrial Processes-Part I, Part II, Industrial Sensing & Actuation, Industrial Internet Systems.  
Industrial IoT: Business Models-Part I, Part II, IIoT Reference Architecture-Part I, Part II.

##### Day 4 – Industrial IoT- Layers

IIoT Sensing-Part I, Part II, IIoT Processing-Part I, Part II, IIoT Communication-Part I, Part II, Part III, IIoT Networking-Part I, Part II, Part III.

##### Day 5 – Industrial IoT: Big Data Analytics and Software Defined Networks

IIoT Analytics - Introduction, Machine Learning and Data Science - Part I, Part II, R and Julia Programming, Data Management with Hadoop. SDN in IIoT-Part I, Part II, Data Center Networks, Security and Fog Computing: Cloud Computing in IIoT-Part I, Part II.

##### Day 6 – Industrial IoT: Security, Fog Computing and Application Domains

Fog Computing in IIoT, Security in IIoT-Part I, Part II, Industrial IoT- Application Domains: Factories and Assembly Line, Food Industry. Healthcare, Power Plants, Inventory Management & Quality Control, Plant Safety and Security (Including AR and VR safety applications), Facility Management. Oil, chemical and pharmaceutical industry, Applications of UAVs in Industries.

##### Criteria to get Certificate:

- Students should register their names for this course.
- Students must have 85% attendance.
- Student should secure 75% marks in the Exam.

Prepared By: Mr. G. Sundararajan, AP/Mech

Mrs. C. Kalpana, AP/CSE

Approved By,

  
Head of Department

Department of Computer Science & Engineering  
NPR College of Engineering & Technology  
Natham, Dindigul (Dt) - 624 401.





IQAC

Coordinator - IQAC  
NPR College of Engineering & Technology  
Natham, Dindigul (Dt)-624 401



PRINCIPAL  
**Dr. J.SUNDARARAJAN,**  
B.E., M.Tech., Ph.D.,  
Principal  
N.P.R. College of Engineering & Technology  
Natham, Dindigul (Dt) - 624 401.



# NPR COLLEGE OF ENGINEERING & TECHNOLOGY



NPR Nagar, Natham, Dindigul – 624401, Tamil Nadu, India.

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.

Phone No: 04544-246 500, 246501, 246502

Website: [www.nprcolleges.org](http://www.nprcolleges.org), [www.nprcet.org](http://www.nprcet.org) E-mail: [nprgi@nprcolleges.org](mailto:nprgi@nprcolleges.org)



## Department of Computer Science and Engineering CERTIFICATE OF COMPLETION

*We present this certificate to*

----- **Ms. JANANI R (II YEAR)** -----

*for successful completion of Certificate Course on  
“INTRODUCTION TO INDUSTRY 4.0 AND INDUSTRIAL IoT”  
conducted from 29.10.2020 to 04.11.2020.*

  
HOD/CSE  
J. Viswanath

PRINCIPAL  
Dr.J.Sundararajan



# NPR COLLEGE OF ENGINEERING & TECHNOLOGY



NPR Nagar, Natham, Dindigul – 624401, Tamil Nadu, India.

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.

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Website: [www.nprcolleges.org](http://www.nprcolleges.org), [www.nprcet.org](http://www.nprcet.org) E-mail: [nprgi@nprcolleges.org](mailto:nprgi@nprcolleges.org)



## Department of Computer Science and Engineering CERTIFICATE OF COMPLETION

*We present this certificate to*

----- Mr. GURUPRABHU R (IV YEAR) -----

*for successful completion of Certificate Course on  
“INTRODUCTION TO INDUSTRY 4.0 AND INDUSTRIAL IoT”  
conducted from 29.10.2020 to 04.11.2020.*

HOD/CSE  
J. Viswanath

PRINCIPAL  
Dr.J.Sundararajan



**ANNA UNIVERSITY**  
CHENNAI 600 025  
Office of the Controller of Examinations

Off:	22301632, 22357244 22357295, 22357296 22357286, 22357287
Fax:	91-44-22301134
E-mail:	coe@annauniv.edu

Lr. No. 9208/COE/C36 /2020 - 21129

Date: 12.11.2020

From

The Controller of Examinations,  
Anna University,  
Chennai - 600 025.

To

The Principal,  
9208 - NPR College of  
Engg. & Tech.,

Sir,

Sub: Office of the Controller of Examinations - Anna University - Chennai - 25  
Correction in name in the .... Grade .... Sheets .... - Sent - Reg.

Ref: Your Lr. NO. 08/NPRCET/EXAM/OCT-2020,  
dt: 14/10/2020. \*\*\*\*\*

With reference to the letter cited, the .....  
in respect of the following student(s) after making necessary correction in his/her name is/are  
enclosed and the same may be arranged to be issued to the student(s) concerned.

Sl. No.	Reg. No.	Name	Course & Branch	Sem.	Month and year of Exam	Folio No. & Date
1.	920816104009	DURGA DEVI. P	BE/ CSE	I	NOV '2016	AUV1587014/NC
				II	APR '2017	AUV1578674/NC
				III	NOV '2017	AUT1431281/NC
				IV	APR '2018	AUS1535797/NC
				V	NOV '2018	AUR1283585/NC
				VI	APR '2019	AUG1360189/NC
				VII	NOV '2019	AUP1369893/NC
						3/11/20

Yours faithfully,

*[Signature]*  
12/11/2020  
for CONTROLLER OF EXAMINATIONS

Encl.: 7 No(s) of Grade Sheets

*[Signature]*  
12/11/20

*[Signature]*  
12/11

भारतीय स्टेट बैंक  
**State Bank of India**  
 Issuing Branch: NA THAM  
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मांगद्राफ्ट  
**DEMAND DRAFT**

Key: QACHIY  
 Sr. No: 65178

1 2 1 0 2 0 2 0  
 D D M M Y Y Y Y

भारतीय स्टेट बैंक  
 मांगे जानेपर THE CONTROLLER OF EXAMINATIONS ANNA UNIVERSITY CHENNAI\*\*\*\*\*

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Key: QACHIY Sr. No: 65178

Name of Applicant G SUDHARSANAM

भारतीय स्टेट बैंक

STATE BANK OF INDIA

अदाकर्ता शाखा / DRAWEE BRANCH: CHENNAI MAIN BRANCH  
 कोड क्र. / CODE No: 00800

प्राधिकृत हस्ताक्षरकर्ता

*(Signature)*  
 शाखा प्रबन्धक  
 BRANCH MANAGER

प्रमुख अधिकारी  
 PRINCIPAL OFFICER  
 CHENNAI MAIN BRANCH  
 STATE BANK OF INDIA  
 CHENNAI  
 25.10.2010  
 PRINCIPAL OFFICER  
 P-9234

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 VALID ONLY IF COMPUTER PRINTED

केवल 3 महीने के लिए वैध  
 VALID FOR 3 MONTHS ONLY

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சான்றிதழ் வ.எண்  
Certificate Sl. No. SEC

3406299



அரசுத் தேர்வுகள் துறை, சென்னை - 600 006  
DEPARTMENT OF GOVERNMENT EXAMINATIONS, CHENNAI - 600006

இடைநிலைப் பள்ளி இறுதி வகுப்புச் சான்றிதழ்  
**SECONDARY SCHOOL LEAVING CERTIFICATE**

புதிய பாடத்திட்டம் / NEW SYLLABUS

பத்தாம் வகுப்பு / X STANDARD

தமிழ்நாடு அரசின் அதிகாரத்திற்கு உட்பட்டு வழங்கப்படுகிறது  
ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMILNADU



தேர்வர் **DURGADEVIP** **MAR 2014** இல் இடைநிலைப் பள்ளி இறுதி வகுப்புச் சான்றிதழ் பொதுத் தேர்வெழுதிக் கீழ்க்காணும் மதிப்பெண்களைப் பெற்றுள்ளார் என்று சான்றளிக்கப்படுகிறது.

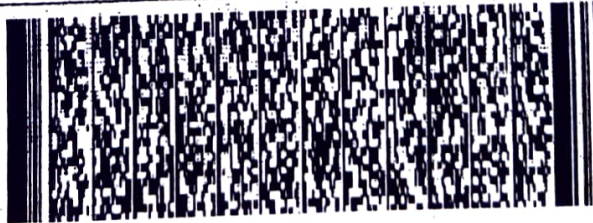
Certified that the above mentioned candidate appeared for the Secondary School Leaving Certificate Public Examination and obtained the following marks :

பாடம் SUBJECT	பெரும் அளவு மதிப்பெண்கள் MAX.MARKS	பெற்ற மதிப்பெண்கள் MARKS OBTAINED
தமிழ் TAMIL	100	092 ZERO NINE TWO (P)
ஆங்கிலம் ENGLISH	100	096 ZERO NINE SIX (P)
கணிதம் MATHEMATICS	100	097 ZERO NINE SEVEN (P)
அறிவியல்* SCIENCE*	075	100 ONE ZERO ZERO (P)
செய்முறை PRACTICAL	025	
சமூக அறிவியல் SOCIAL SCIENCE	100	097 ZERO NINE SEVEN (P)
மொத்தம் TOTAL	500	482 FOUR EIGHT TWO (PASS)

பிறந்த தேதி / DATE OF BIRTH 09.06.99  
பதிவெண்/REGISTER NO. 1612637  
ம.அ.ப.குறியீட்டெண் & நாள் / TMR CODE NO.& DATE C1200551 23.05.2014

பயிற்று மொழி / MEDIUM OF INSTRUCTION  
ENGLISH

பள்ளியின் பெயர் / NAME OF THE SCHOOL  
(19\0542) CATHY MHSS MADURAI







சான்றிதழ் வ. எண்  
CERTIFICATE SL. NO. HSG

10895950

# STATE BOARD OF SCHOOL EXAMINATIONS, TAMILNADU



அரசுத் தேர்வுகள் துறை, சென்னை - 600 006  
DEPARTMENT OF GOVERNMENT EXAMINATIONS, CHENNAI - 600 006

மேல்நிலைப் பள்ளிக் கல்விச் சான்றிதழ்  
**HIGHER SECONDARY COURSE CERTIFICATE**  
பொதுக்கல்வி / GENERAL EDUCATION

தமிழ்நாடு அரசின் அதிகாரத்திற்கு உட்பட்டு வழங்கப்படுகிறது  
ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMILNADU



தேர்வர் **DURGA DEVI P**

MAR 2016

இல் மேல்நிலைப்

பள்ளிக் கல்விப் பொதுத் தேர்வெழுதிக் கீழ்க்காணும் மதிப்பெண்களைப் பெற்றுள்ளார் என்று சான்றளிக்கப்படுகிறது.

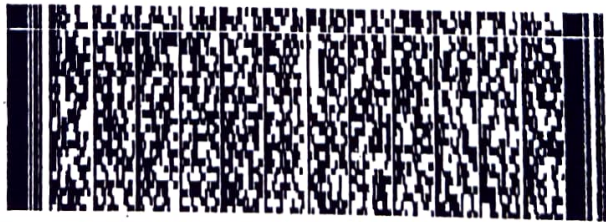
Certified that the above mentioned candidate appeared for the Higher Secondary Public Examination and obtained the following marks :

பயிற்சி SUBJECT	கருத்தியல் THEORY 150	செய்முறை PRAC. 50	பெற்ற மதிப்பெண்கள் 200க்கு MARKS OBTAINED FOR 200		
TAMIL			179	ONE SEVEN NINE	(P)
ENGLISH			179	ONE SEVEN NINE	(P)
PHYSICS	112	050	162	ONE SIX TWO	(P)
CHEMISTRY	076	050	126	ONE TWO SIX	(P)
COMPUTER SCIENCE	090	050	140	ONE FOUR ZERO	(P)
MATHEMATICS			138	ONE THREE EIGHT	(P)

மொத்த மதிப்பெண்கள் / TOTAL MARKS : 0924 ZERO NINE TWO FOUR

பிறந்த தேதி / DATE OF BIRTH 09.06.1999	தேர்வெண் / ROLL NO. 176506	அ.ம.ப.குறியீட்டெண் & நாள் / TMR CODE NO. DATE G248648 17.05.2016
நிரந்தரப் பதிவெண் / PERMANENT REGISTER NO. 1610166506	பயிற்று மொழி / MEDIUM OF INSTRUCTION ENGLISH	பாடத்தொகுப்பு எண் / GROUP CODE 102

( 19 \ MLR421 \ 1923 ) பள்ளியின் பெயர் / NAME OF THE SCHOOL  
CEOA MATRIC HR SEC SCHOOL A KOSAKULAM MADURAI DISTRICT



P. Durga Devi

தேர்வரின் கையொப்பம்  
SIGNATURE OF CANDIDATE

உறுப்பினர் செயலர்  
மாநிலப் பள்ளிக் தேர்வுகள் குழுவும் (மேல்நிலை), தமிழ்நாடு  
MEMBER SECRETARY  
STATE BOARD OF SCHOOL EXAMINATIONS (HR. SEC), TAMILNADU



# NPR COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University - CHENNAI)

NPR Nagar, Natham, Dindigul - 624 401. Tamilnadu.

Ph : 04544 - 246500, 501, 502

Website : www.nprcet.org, www.nprcolleges.org E-mail : nprgi@nprcolleges.org

Ref. : NPRCET :

Prof. Dr. J.SUNDARARAJAN, M.Tech, Ph.D  
PRINCIPAL

Letter No. 08/ NPRCET/ EXAM/Oct – 2020

Date: 14.10.2020

To

The Controller of Examinations,  
Anna University,  
Chennai – 600 025

Madam / Sir,

Sub: Correction of student Name in Anna University Grade Sheets –Reg.

Herewith ,we have mentioned below the student name **DURGA DEVI P (Register No : 920816104009)** details for correction of Name for all the grade sheets from 1<sup>st</sup> to VII<sup>th</sup> Semester along with the Demand Draft and other necessary documents for you kind perusal. Please kindly do the needful.

S.No	Register Number	Name of the student in grade sheets	Name of the student in grade sheets has to change
1	920816104009	DURGADEVI P	DURGA DEVI P
Total Amount DD taken (Rupees One Thousand Only) in favour of Controller of Examinations, Anna University, Chennai.			₹.2100
DD No : 495570			Dated 12.10.2020 at State Bank of India , Natham.

Thanking you.

With regards,

Encl.

1. Demand Draft – 1 No.
2. Xerox copy of SSLC Mark Sheet.
3. Xerox copy of HSC Mark Sheet.
4. University Grade sheets (I to VII)



Dr. J.SUNDARARAJAN  
B.E., M.Tech., Ph.D.  
Principal  
N.P.R. College of Engineering & Techno  
Natham, Dindigul (Dt) - 624 401.





**ANNA UNIVERSITY, CHENNAI - 25**  
**B.E. DEGREE EXAMINATIONS**  
**GRADE SHEET**



SI.No: **MA 1590400**

Folio No. **AUV1587014**

NAME OF THE CANDIDATE	DURGADEVI P			REGISTER NO.	920616104089
DATE OF BIRTH	09 JUN 99	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	NOV 2016
COLLEGE OF STUDY	N P R COLLEGE OF ENGINEERING AND TECHNOLOGY			DATE OF PUBLICATION	04 FEB 17
PROGRAMME & BRANCH	B.E. Computer Science and Engineering			REGULATIONS	2013

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
01	CY6151	Engineering Chemistry - I	3	D	6	PASS
01	GE6151	Computer Programming	3	D	6	PASS
01	GE6152	Engineering Graphics	4	E	5	PASS
01	GE6161	Computer Practices Laboratory	2	A	9	PASS
01	GE6162	Engineering Practices Laboratory	2	A	9	PASS
01	GE6163	Physics and Chemistry Laboratory - I	1	B	8	PASS
01	HS6151	Technical English - I	4	C	7	PASS
01	MA6151	Mathematics - I	4	D	6	PASS
01	PH6151	Engineering Physics - I	3	E	5	PASS
*** End of Statement ***						

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered	26									
Credits Earned	26									
Grade Points Earned	61									
Grade Point Average (GPA)	6.423									
Cumulative Credits Earned	26	Cumulative Grade Point Average (CGPA)				6.42	Medium of Instruction : ENGLISH			

RA - Reappearance is Required      W-Withdrawal      SE - Sports Exemption      \* Absent for University Examination



10-05-17

SIGNATURE OF THE CANDIDATE



*[Handwritten Signature]*

**CONTROLLER OF EXAMINATIONS**



**ANNA UNIVERSITY, CHENNAI - 25**  
**B.E. DEGREE EXAMINATIONS**  
**GRADE SHEET**



SI.No: **MA 334860**

Folio No. **AUU1578674**

NAME OF THE CANDIDATE <b>DURGADEVI P</b>		REGISTER NO. <b>920816104009</b>	
DATE OF BIRTH <b>09 JUN 99</b>	GENDER <b>FEMALE</b>	MONTH & YEAR OF EXAMINATION <b>APR 2017</b>	DATE OF PUBLICATION <b>11 JUL 17</b>
COLLEGE OF STUDY <b>N P R COLLEGE OF ENGINEERING AND TECHNOLOGY</b>		REGULATIONS <b>2013</b>	
PROGRAMME & BRANCH <b>B.E. Computer Science and Engineering</b>			

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
02	CS6201	Digital Principles and System Design	3	E	5	PASS
02	CS6202	Programming and Data Structures I	3	E	5	PASS
02	CS6211	Digital Laboratory	2	A	9	PASS
02	CS6212	Programming and Data Structures Laboratory I	2	A	9	PASS
02	CY6251	Engineering Chemistry - II	3	D	6	PASS
02	GE6262	Physics and Chemistry Laboratory - II	1	A	9	PASS
02	HS6251	Technical English - II	4	C	7	PASS
02	MA6251	Mathematics - II	4	E	5	PASS
02	PH6251	Engineering Physics - II	3	U	0	RA

\*\*\* End of Statement \*\*\*

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered		25								
Credits Earned		22								
Grade Points Earned		55								
Grade Point Average (GPA)		6.409								
Cumulative Credits Earned	48	Cumulative Grade Point Average (CGPA)				6.42	Medium of Instruction : ENGLISH			

RA - Reappearance Is Required      W-Withdrawal      SE - Sports Exemption      \* Absent for University Examination



*[Signature]*  
CONTROLLER OF EXAMINATIONS





**ANNA UNIVERSITY, CHENNAI - 25**  
**B.E. DEGREE EXAMINATIONS**  
**GRADE SHEET**



SI.No: **MA 1938701**

Folio No. **AUT1431281**

NAME OF THE CANDIDATE	DURGADEVI P				REGISTER NO.	920816104099	
DATE OF BIRTH	09 JUN 99	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	NOV 2017	DATE OF PUBLICATION	29 DEC 17
COLLEGE OF STUDY	N P R COLLEGE OF ENGINEERING AND TECHNOLOGY				REGULATIONS	2013	
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
02	PH6251	Engineering Physics - II	3	E	5	PASS
03	CS6301	Programming and Data Structures - II	3	C	7	PASS
03	CS6302	Database Management Systems	3	E	5	PASS
03	CS6303	Computer Architecture	3	D	6	PASS
03	CS6304	Analog and Digital Communication	3	E	5	PASS
03	CS6311	Programming and Data Structure Laboratory II	2	A	9	PASS
03	CS6312	Database Management Systems Laboratory	2	S	10	PASS
03	GE6351	Environmental Science and Engineering	3	B	8	PASS
03	MA6351	Transforms and Partial Differential Equations	4	C	7	PASS

\*\*\* End of Statement \*\*\*

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered		3	23							
Credits Earned		3	23							
Grade Points Earned		5	57							
Grade Point Average (GPA)		5.000	6.913							
Cumulative Credits Earned	74	Cumulative Grade Point Average (CGPA)				6.51	Medium of instruction : ENGLISH			

RA - Reappearance is Required

W-Withdrawal

SE - Sports Exemption

\* Absent for University Examination



22-01-18

SIGNATURE OF THE CANDIDATE



*[Signature]*  
**CONTROLLER OF EXAMINATIONS**





**ANNA UNIVERSITY, CHENNAI - 25**  
**B.E. DEGREE EXAMINATIONS**  
**GRADE SHEET**



SI.No: MA 4681078

Folio No. AUS1535797

NAME OF THE CANDIDATE	DURGADEVI P				REGISTER NO.	92081610409	
DATE OF BIRTH	09 JUN 99	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	APR 2018	DATE OF PUBLICATION	26 JUN 18
COLLEGE OF STUDY	N P R COLLEGE OF ENGINEERING AND TECHNOLOGY				REGULATIONS	2013	
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
04	CS6401	Operating Systems	3	C	7	PASS
04	CS6402	Design and Analysis of Algorithms	3	C	7	PASS
04	CS6403	Software Engineering	3	D	6	PASS
04	CS6411	Networks Laboratory	2	B	8	PASS
04	CS6412	Microprocessor and Microcontroller Laboratory	2	S	10	PASS
04	CS6413	Operating Systems Laboratory	2	S	10	PASS
04	CS6551	Computer Networks	3	C	7	PASS
04	EC6504	Microprocessor and Microcontroller	3	D	6	PASS
04	MA6453	Probability and Queuing Theory	4	E	5	PASS

\*\*\* End of Statement \*\*\*

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered				25						
Credits Earned				25						
Grade Points Earned				66						
Grade Point Average (GPA)				7.000						
Cumulative Credits Earned	99	Cumulative Grade Point Average (CGPA)				6.64	Medium of Instruction : ENGLISH			

RA - Reappearance Is Required      W-Withdrawal      SE - Sports Exemption      \* Absent for University Examination



08-10-18

SIGNATURE OF THE CANDIDATE



CONTROLLER OF EXAMINATIONS /



**ANNA UNIVERSITY, CHENNAI - 25**  
**B.E. DEGREE EXAMINATIONS**  
**GRADE SHEET**



SI.No: MA 9668693

Folio No. AUR1283585

NAME OF THE CANDIDATE		DURGADEVI P			REGISTER NO.	920818104009	
DATE OF BIRTH	09-JUN-99	GENDER	FEMALE	MONTH & YEAR OF EXAMINATION	NOV 2018	DATE OF PUBLICATION	12-JAN-19
COLLEGE OF STUDY	N P R COLLEGE OF ENGINEERING AND TECHNOLOGY				REGULATIONS	2013	
PROGRAMME & BRANCH	B.E. Computer Science and Engineering						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
05	CS6501	Internet Programming	4	E	5	PASS
05	CS6502	Object Oriented Analysis and Design	3	C	7	PASS
05	CS6503	Theory of Computation	3	C	7	PASS
05	CS6504	Computer Graphics	3	D	6	PASS
05	CS6511	Case Tools Laboratory	2	S	10	PASS
05	CS6512	Internet Programming Laboratory	2	A	9	PASS
05	CS6513	Computer Graphics Laboratory	2	A	9	PASS
05	MA6566	Discrete Mathematics	4	B	8	PASS

\*\*\* End of Statement \*\*\*

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered					23					
Credits Earned					23					
Grade Points Earned					61					
Grade Point Average (GPA)					7.304					
Cumulative Credits Earned	122	Cumulative Grade Point Average (CGPA)				6.76	Medium of Instruction : ENGLISH			

RA - Reappearance is Required      W-Withdrawal      SE - Sports Exemption      \* Absent for University Examination



*(Signature)*  
**CONTROLLER OF EXAMINATIONS**

SIGNATURE OF THE CANDIDATE

Chennai - 600 025  
 Date: 25-04-19





**ANNA UNIVERSITY, CHENNAI - 25**  
**B.E. DEGREE EXAMINATIONS**  
**GRADE SHEET**



SI.No: **MA 2197419**

Folio No. **AUQ1360189**

NAME OF THE CANDIDATE	<b>DURGADEVI P</b>				REGISTER NO.	<b>MA2197419</b>	
DATE OF BIRTH	<b>08 JUN 99</b>	GENDER	<b>FEMALE</b>	MONTH & YEAR OF EXAMINATION	<b>APR 2019</b>	DATE OF PUBLICATION	<b>28 JUN 19</b>
COLLEGE OF STUDY	<b>N P R COLLEGE OF ENGINEERING AND TECHNOLOGY</b>				REGULATIONS	<b>2013</b>	
PROGRAMME & BRANCH	<b>B.E. Computer Science and Engineering</b>						

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
06	CS6601	Distributed Systems	3	E	5	PASS
06	CS6611	Mobile Application Development Laboratory	2	S	10	PASS
06	CS6612	Compiler Laboratory	2	S	10	PASS
06	CS6659	Artificial Intelligence	3	E	5	PASS
06	CS6660	Compiler Design	3	C	7	PASS
06	GE6674	Communication and Soft Skills - Laboratory Based	2	A	9	PASS
06	GE6757	Total Quality Management	3	B	8	PASS
06	IT6502	Digital Signal Processing	4	C	7	PASS
06	IT6601	Mobile Computing	3	C	7	PASS
*** End of Statement ***						

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered						25				
Credits Earned						25				
Grade Points Earned						68				
Grade Point Average (GPA)						7.280				
Cumulative Credits Earned	<b>147</b>		Cumulative Grade Point Average (CGPA)			<b>6.85</b>	Medium of Instruction : ENGLISH			

RA - Reappearance is Required      W-Withdrawal      SE - Sports Exemption      \* Absent for University Examination



*(Signature)*  
**CONTROLLER OF EXAMINATIONS**

04-09-19

SIGNATURE OF THE CANDIDATE





**ANNA UNIVERSITY, CHENNAI - 25**  
**B.E. DEGREE EXAMINATIONS**  
**GRADE SHEET**



SI.No: **MA 3712397**

Folio No. **AUP1369893**

NAME OF THE CANDIDATE <b>DURGADEVI P</b>		REGISTER NO. <b>920816104089</b>
DATE OF BIRTH <b>08-11-99</b>	GENDER <b>FEMALE</b>	MONTH & YEAR OF EXAMINATION <b>NOV 2019</b>
DATE OF PUBLICATION <b>28 JAN 2020</b>		REGULATIONS <b>2013</b>
COLLEGE OF STUDY <b>N P R COLLEGE OF ENGINEERING AND TECHNOLOGY</b>		
PROGRAMME & BRANCH <b>B.E. Computer Science and Engineering</b>		

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	RESULT
07	CS6007	Information Retrieval	3	E	5	PASS
07	CS6701	Cryptography and Network Security	3	D	6	PASS
07	CS6702	Graph Theory and Applications	3	C	7	PASS
07	CS6703	Grid and Cloud Computing	3	E	5	PASS
07	CS6704	Resource Management Techniques	3	E	5	PASS
07	CS6711	Security Laboratory	2	A	9	PASS
07	CS6712	Grid and Cloud Computing Laboratory	2	S	10	PASS
07	IT6801	Service Oriented Architecture	3	E	5	PASS
*** End of Statement ***						

Semester	I	II	III	IV	V	VI	VII	VIII	IX	X
Credits Registered							22			
Credits Earned							22			
Grade Points Earned							52			
Grade Point Average (GPA)							6.227			
Cumulative Credits Earned	169	Cumulative Grade Point Average (CGPA)				6.77	Medium of Instruction : ENGLISH			

RA - Reappearance is Required      W-Withdrawal      SE - Sports Exemption      \* Absent for University Examination



Chennai - 600 025  
 Date: 15-07-2020

SIGNATURE OF THE CANDIDATE



*[Signature]*  
 CONTROLLER OF EXAMINATIONS