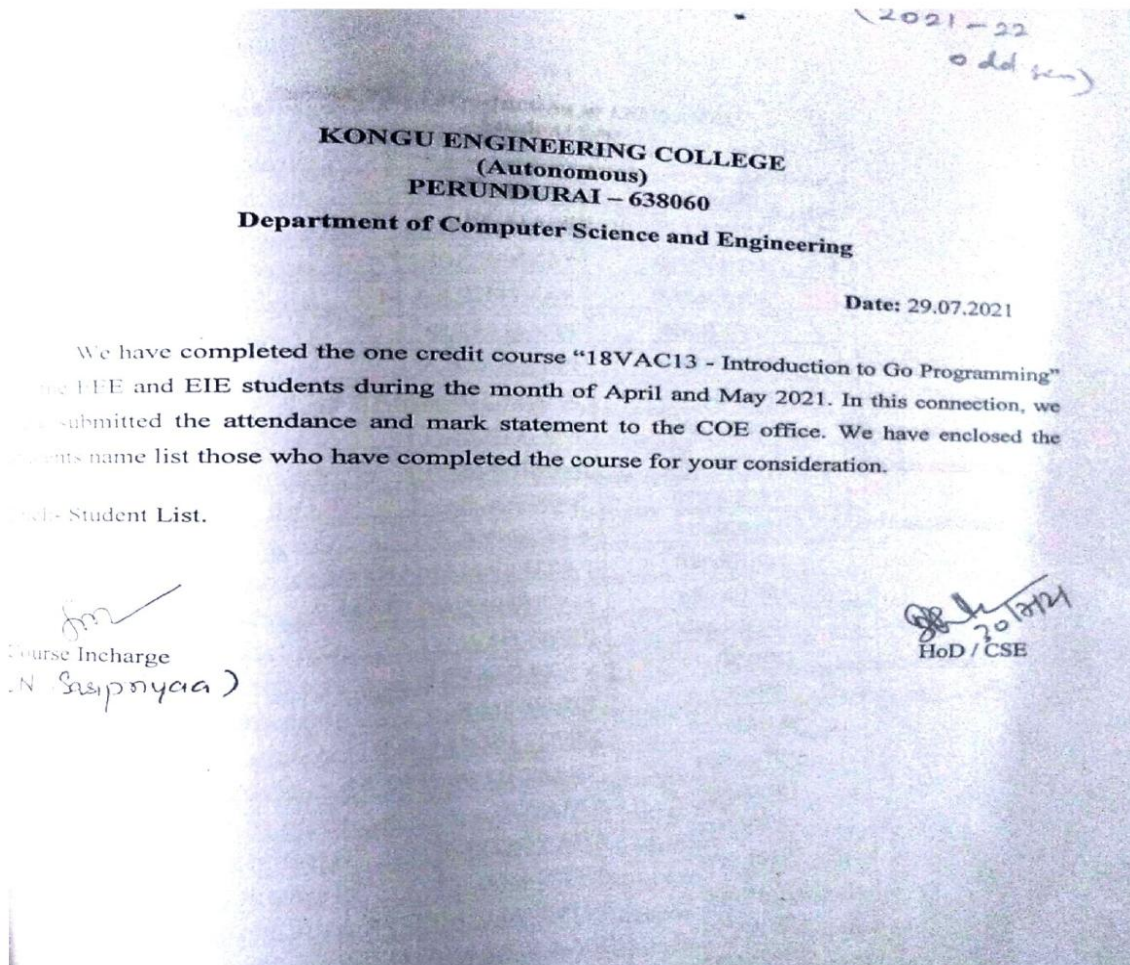


VALUE-ADDED COURSES



KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI - 638060

INTERNAL QUALITY ASSURANCE CELL

Department of EIE

List of Courses Planned

NVC-01, Rev.0, 01.09.2019

CERT No.: 88-100-20708
ISO 9001:2015

Non formal Value / Added Course (2021-22)

Title	Months
Engineering Nanomaterials for Nanoelectronics and Sensor design Applications	Sep. 2021 (I st yr)
Real Time Interfacing of Process Instruments & Measurements	Sep 2021 (I st yr)
FPGA Based System Design	Sep 2021 (I st yr)

PR &
TM

SVC,
MPE,
DSK

T&D, MM,
K&B

CRITERION 2

Teaching-Learning and Evaluation

**18VAC13 - Introduction to Go Programming
Student List**

Roll No	Name
18EEL115	ERAIANBU S
18EER010	DEEPIKAPRIYA.V
18EER058	PAVITHRAA.M
18EER060	PRAGATI S
18EER064	PRIYAA M V
18EER066	RAAJESHKUMARAN R
18EER071	SAKTHI G
18EER074	SANJAI M
18EER075	SANJAY.R
18EER077	SARANYA S
18EER080	SATHYANAYAKI G
18EER085	SIVASHANMUGAM R
18EER094	SWATHI A
18EER099	VAISHNAVI.P
18EER102	VIGNESH K
18EER107	VINOTHRAJA K S
19EIR001	AHAMED WAFIQ M
19EIR002	ANUJA E
19EIR003	ARAVINTH S
19EIR004	ARUNA G
19EIR005	ATHIF AHAMED M
19EIR006	BALAJI PRASANTH S
19EIR007	BALASUBRAMANI J
19EIR008	BHARANIDHARAN M C
19EIR009	CHARUMITHRA I
19EIR010	DEEPIKA A (KWT)
19EIR012	DHARANIDHARAN D
19EIR013	DHARUN T

56

KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAI – 638060
INTERNAL QUALITY ASSURANCE CELL
Department
Non-formal/ Value Added Courses Monitoring
Report

NCV-06, Rev.0, 01.09.2019

TUV
SUD
CERT No. 99-100-20794
ISO 9001:2015

Period: Odd/ Even
Academic Year: 2020-21

Period	Month-1	Month-2	Month-3	Month-4	Month-5	Month-6	Total
Number of courses	1	1	2	1	2	-	7
Number of students benefitted	25	46	87	25	36, 33	-	252

Done
31/5/2021

CRITERION 2

Teaching-Learning and Evaluation

KONGU ENGINEERING COLLEGE
PERUNDURAI ERODE-638060
(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 17.11.2020

NOTE SUBMITTED TO PRINCIPAL FOR APPROVAL

Sub: Request for permission to conduct one/two credit course – reg.

1. Name Year	: 2020-21	Semester : ODD
2. Title	: Image and Video processing using Python	Credit(s): One / Two
3. Type of Course	: Already Offered Course / Updated Course / New Course	
4. If "Already offered course",	Course Code:	Version:
5. Coordinator(s)	: 1. Dr.R.Devi Priya 2. N. Anitha	
6. Course offered by	: Internal faculty	
7. Name and designation of external resource persons	: Mr. Hariharan M, Software Developer.	
8. Details about external organization	: JCluster Software Solutions, Salem.	

8.	Course fee for external experts		Max. number of students/Batch			Course fee / student (Rs.)
	Rs. 10000 (5000 * 2 batches)		Batch I - 50 Batch II - 50			100

9.	No. of days	Period		No. of hours			Venue
		From	To	Lecture	Practical	Total	
	10	21.11.2020	05.12.2020	10	10	20	
	Online mode						

10.	Pre-requisites for offering the course	Basics of Programming (C/C++/Python)				
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11.	Course offered to	Programme	Branch	Year/Semester
		BE/BTech	All	III / V

CRITERION 2

Teaching-Learning and Evaluation

12.	Course Main Contents	<table border="1"> <tr><td>Day 1</td><td>Introduction to Image processing, Image Acquisition</td></tr> <tr><td>Day 2</td><td>Image Enhancement, Image Restoration</td></tr> <tr><td>Day 3</td><td>Color Image Processing, Multi-Resolution Processing</td></tr> <tr><td>Day 4</td><td>Compression, Morphological Processing, Segmentation</td></tr> <tr><td>Day 5</td><td>Representation and Description, Feature Matching, Recognition</td></tr> <tr><td>Day 6</td><td>Video Analysis: Adaptive Threshold, Video Smoothing</td></tr> <tr><td>Day 7</td><td>Edge and Motion Detection, Bitwise Operations</td></tr> <tr><td>Day 8</td><td>Super Impose, Contour</td></tr> <tr><td>Day 9</td><td>Face Detection</td></tr> <tr><td>Day 10</td><td>Background Subtraction, Extraction of images from video</td></tr> <tr><td colspan="2">Assignment / Project / Case Study/ Others: Development of a computer vision project for real time application</td></tr> </table>	Day 1	Introduction to Image processing, Image Acquisition	Day 2	Image Enhancement, Image Restoration	Day 3	Color Image Processing, Multi-Resolution Processing	Day 4	Compression, Morphological Processing, Segmentation	Day 5	Representation and Description, Feature Matching, Recognition	Day 6	Video Analysis: Adaptive Threshold, Video Smoothing	Day 7	Edge and Motion Detection, Bitwise Operations	Day 8	Super Impose, Contour	Day 9	Face Detection	Day 10	Background Subtraction, Extraction of images from video	Assignment / Project / Case Study/ Others: Development of a computer vision project for real time application	
Day 1	Introduction to Image processing, Image Acquisition																							
Day 2	Image Enhancement, Image Restoration																							
Day 3	Color Image Processing, Multi-Resolution Processing																							
Day 4	Compression, Morphological Processing, Segmentation																							
Day 5	Representation and Description, Feature Matching, Recognition																							
Day 6	Video Analysis: Adaptive Threshold, Video Smoothing																							
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Day 8	Super Impose, Contour																							
Day 9	Face Detection																							
Day 10	Background Subtraction, Extraction of images from video																							
Assignment / Project / Case Study/ Others: Development of a computer vision project for real time application																								
13.	Course Outcomes	<p>After completing the course the student will be able to:</p> <ul style="list-style-type: none"> Understand basic properties of image and video Demonstrate image analysis using Python Implement python libraries for video analysis 																						
14.	Course Assessment (Min. 2)	<table border="1"> <tr> <th>S. No.</th> <th>Type</th> <th>Max. Marks</th> </tr> <tr> <td>1</td> <td>Objective Type Questions</td> <td>50</td> </tr> <tr> <td>2</td> <td>Descriptive Questions/ Programs</td> <td>50</td> </tr> <tr> <td colspan="2">Total</td> <td>100 Marks</td> </tr> </table>	S. No.	Type	Max. Marks	1	Objective Type Questions	50	2	Descriptive Questions/ Programs	50	Total		100 Marks										
S. No.	Type	Max. Marks																						
1	Objective Type Questions	50																						
2	Descriptive Questions/ Programs	50																						
Total		100 Marks																						
15.	<p>Verified that the content of this course is not offered to students partially/fully in regular curriculum of respective programme of the student.</p> <p>Certify that the course content, credits and grade are approved in the BOS meeting or approved by internal BOS members and will be ratified in the next BOS meeting</p>																							
16.	Any other details	<p>(Signature of the HoD after verification)</p>																						

The above proposal may kindly be approved.

R. Anand
Course co-ordinator(s)

HOD 8.11.2020

Chief Coordinator/Academic

Principal

Encl:

1. Copy of the syllabus of the course

CRITERION 2

Teaching-Learning and Evaluation

18VAC10 – IMAGE AND VIDEO PROCESSING USING PYTHON

L	T	P	Credit
2	0	2	1

Preamble To provide basic insights of processing image and video using Python OpenCV.

Unit I Image Analysis:
Introduction to Image processing, Image Acquisition, Image Enhancement, Image Restoration, Color Image Processing, Multi-Resolution Processing, Compression, Morphological Processing, Segmentation, Representation and Description, Feature Matching, Recognition.

Unit II Video Analysis:
Adaptive Threshold, Video Smoothing, Edge and Motion Detection, Bitwise Operations, Super Impose, Contour, Face Detection, Background Subtraction, Extraction of images from video.

Lecture: 10, Practical: 10, Total: 20

REFERENCES:

1. Sandipan Dey, "Hands-On Image Processing with Python", 1st Edition, Packt Publishing, 2018.
2. Jan Erik Solem, "Programming Computer Vision with Python", 2nd Edition, O'Reilly Publishers, 2012.

COURSE OUTCOMES:
On completion of the course, the students will be able to .

CO	Outcome	BT Mapped (Highest Level)
CO1	understand basic properties of image and video	Understanding (K2), Precision (S3)
CO2	demonstrate image analysis using Python	Applying (K3), Precision (S3)
CO3	implement python libraries for video analysis	Applying (K3), Precision (S3)

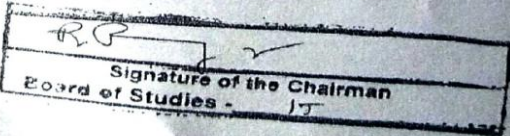
Mapping of COs with POs and PSOs

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	1	1	1									
CO2	3	2	1	1	1									
CO3	3	2	1	1	1									


1 – Slight, 2 – Moderate, 3 – Substantial, BT- Bloom's Taxonomy

ASSESSMENT PATTERN

Test / Bloom's Category*	Remembering (K1) %	Understanding (K2) %	Applying (K3) %	Analyzing (K4) %	Evaluating (K5) %	Creating (K6) %	Total %
Assessment Test 1- MCQ (50 marks)	20	30	50				100
Assessment Test 2- Descriptive Questions/Programs (50 marks)	20	30	50				100



Signature of the Chairman
Board of Studies - 17



CRITERION 2

Teaching-Learning and Evaluation

**PERUNDURAI ERODE-638060
(AUTONOMOUS)**

DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 17.11.2020

NOTE SUBMITTED TO PRINCIPAL FOR APPROVAL

Sub: Request for permission to conduct one/two credit course – reg.

Academic Year	: 2020-21	Semester	: ODD
Course Title	: Image and Video processing using Python	Credit(s)	: One / Two
Type of Course	: Already Offered Course / Updated Course / New Course		
If "Already Offered Course",	Course Code:	Version:	
Course Coordinator(s)	1. Dr.R.Devi Priya 2. N. Anitha		
Course offered by	: Internal faculty		
Name and designation of external resource persons	: Mr. Hariharan M, Software Developer.		
Details about external organization	: JCluster Software Solutions, Salem.		

Course fee for external experts		Max. number of students/Batch		Course fee / student (Rs.)	
Rs. 10000 (5000 * 2 batches)		Batch I - 50 Batch II - 50		100	

9.	No. of days	Period		No. of hours			Venue
		From	To	Lecture	Practical	Total	
	10	21.11.2020	05.12.2020	10	10	20	Online mode

10.	Pre-requisites for offering the course	Basics of Programming (C/C++/Python)				
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11.	Course offered to	Programme	Branch	Year/Semester
		BE/BTech	All	III / V

18/11/20

CRITERION 2

Teaching-Learning and Evaluation

KONGU ENGINEERING COLLEGE, PERUNDURAI
DEPARTMENT OF INFORMATION TECHNOLOGY
Consolidated Attendance Report
1 CREDIT COURSE 2020-21(Odd Sem)
18VAC10-IMAGE AND VIDEO PROCESSING USING PYTHON
CLASS : III yr IT -B(V Sem) and III yr E&I
Faculty Incharge: Dr.R.Devi priya,
Ms.N.Anitha

S. No	Roll No	Student Name	Total no of Hrs.	No of hrs Absent	No of hrs Present	% of Attendance
1	18ITR062	Niranjana R	20	3	17	85.00
2	18ITR072	Poongothai M	20	3	17	85.00
3	18ITR074	Praveen.E	20	1	19	95.00
4	18ITR078	Pushpalatha M	20	1	19	95.00
5	18ITR083	Rakith Dhayal N	20	3	17	85.00
6	18ITR084	Saireventh T	20	3	17	85.00
7	18ITR086	Saranraj V	20	0	20	100.00
8	18ITR093	Siddarth M	20	2	18	90.00
9	18ITR097	Soundarajan.C	20	2	18	90.00
10	18ITR102	Supreetha S M	20	2	18	90.00
11	18ITR103	Swathi V	20	2	18	90.00
12	18ITR111	Vigasini R	20	1	19	95.00
13	18ITR112	Vinothini.D	20	3	17	85.00
14	18ITR109	Vaishnavi N	20	3	17	85.00
15	18ITR110	Venkataprasanna R	20	0	20	100.00
16	18ITR113	Vishva Bharathi C	20	3	17	85.00
17	18ITR114	Yamuna S	20	3	17	85.00
18	18EIR098	Gowtham K	20	6	14	70.00
19	18EIR003	Arthi.G.S	20	1	19	95.00
20	18EIR014	Dhivakar T V	20	4	16	80.00
21	18EIR016	Dhivyadharshini K	20	4	16	80.00
22	18EIR017	Divyadharshini E	20	4	16	80.00
23	18EIR018	Ganesh K	20	4	16	80.00
24	18EIR020	Gokula Priya K	20	1	19	95.00
25	18EIR025	Harini K K	20	0	20	100.00
26	18EIR026	Harini R	20	2	18	90.00
27	18EIR033	Jasodhasree C	20	0	20	100.00
28	18EIR035	Kaaveeyaa S K	20	1	19	95.00
29	18EIR038	Kodimalar T	20	3	17	85.00
30	18EIR041	Manikandan.K	20	3	17	85.00
31	18EIR043	Monika S	20	0	20	100.00
32	18EIR044	Mounesa P	20	0	20	100.00
33	18EIR047	Narmatha T	20	0	20	100.00
34	18EIR050	Nithyashri.S	20	0	20	100.00
35	18EIR051	Padma Priya K	20	0	20	100.00
36	18EIR052	Poojashri V	20	0	20	100.00
37	18EIR054	Pradeep.C	20	2	18	90.00
38	18EIR058	Prithivika P	20	4	16	80.00
39	18EIR063	Ramya P	20	0	20	100.00
40	18EIR064	Ranjani.M	20	0	20	100.00
41	18EIR066	Rathish P	20	2	18	90.00
42	18EIR067	Renugadevi M	20	0	20	100.00
43	18EIR068	Reshnuvi R V	20	4	16	80.00
44	18EIR071	Sanjay Kumar S	20	0	20	100.00
45	18EIR072	Santhosh.R	20	0	20	100.00
46	18EIR079	Snega R	20	2	18	90.00
47	18EIR084	Suhitha	20	0	20	100.00
48	18EIR087	Swetha.V.S	20	0	20	100.00
49	18EIR091	Vasuki.P	20	0	20	100.00
50	18EIR095	Vishali.R	20	2	18	90.00
			20	0	20	100.00

Faculty Incharge: 22/1/21
HoD/IT: 24/1/21

CRITERION 2

Teaching-Learning and Evaluation

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE - 638060
DEPARTMENT OF INFORMATION TECHNOLOGY
One Credit Course - Mark Statement
Course Code and Name: 18IVAC10 & Image and Video Processing using Python
Semester: III IT & V Semester
Faculty Incharge: Dr.R.Devi Priya & Ms.N.Anitha

Sl.No	Roll Number	Name of the Student	Test 1 (50)	Test 2 (50)	Total (100)
1	18EIR007	Niranjan R	40	38	78
2	18EIR072	Poongothai M	41	40	81
3	18EIR074	Praveen E	40	40	80
4	18EIR078	Pushpalatha M	38	38	76
5	18EIR083	Rokith Dhayal N	38	34	72
6	18EIR084	Saireventh T	40	36	76
7	18EIR086	Saranraj V	38	36	74
8	18EIR093	Siddarth M	38	38	76
9	18EIR097	Sundarajan C	40	38	78
10	18EIR102	Supreetha S M	38	36	74
11	18EIR103	Swathi V	40	38	78
12	18EIR111	Vigasini R	40	40	80
13	18EIR112	Vinothini D	40	38	78
14	18EIR109	Vaishnavi N	42	34	76
15	18EIR110	Venkataprasanna R	34	26	60
16	18EIR113	Vishva Bharathi C	42	38	80
17	18EIR114	Yamuna S	40	36	76
18	18EIR098	Gowtham K	26	25	51
19	18EIR003	Arthi G S	40	40	80
20	18EIR014	Dhivakar T V	35	26	61
21	18EIR016	Dhivyadharshini K	38	30	68
22	18EIR017	Divyadharshini E	40	36	76
23	18EIR018	Ganesh K	42	44	86
24	18EIR020	Gokula Priya K	40	38	78
25	18EIR025	Harini K K	38	42	80
26	18EIR026	Harini R	40	38	78
27	18EIR033	Jasodhasree C	38	40	78
28	18EIR035	Kaaveeyaa S K	38	36	74
29	18EIR038	Kodimalar T	37	36	73
30	18EIR041	Manikandan K	30	28	58
31	18EIR043	Monika S	41	36	77
32	18EIR044	Mounesa P	35	38	73
33	18EIR047	Narmatha T	40	38	78
34	18EIR050	Nithyashri S	37	34	71
35	18EIR051	Padma Priya K	31	32	63
36	18EIR052	Poojashri V	40	38	78
37	18EIR054	Pradeep C	43	42	85
38	18EIR058	Prithivika P	40	30	70
39	18EIR063	Ramya P	39	34	73
40	18EIR064	Ranjani M	37	26	63
41	18EIR066	Rathish P	38	36	74
42	18EIR067	Renugadevi M	37	36	73
43	18EIR068	Roshnuvi R V	38	36	74
44	18EIR071	Sanjay Kumar S	38	38	76
45	18EIR072	Santhosh R	40	38	78
46	18EIR079	Snega R	40	38	78
47	18EIR084	Suhitha	39	40	79
48	18EIR087	Swetha V S	40	36	76
49	18EIR091	Vasuki P	43	40	83
50	18EIR095	Vishali R	39	38	77

Faculty Incharge (s)
Dr.R.Devi Priya
Ms.N.Anitha

HoD/IT 7/27/11/21

20.	19EIR029	HEMA V S	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	19EIR031	JAGAN B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	19EIR032	KABILAN K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	19EIR036	KAVIN KUMAR N	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
24.	19EIR037	KAVINKUMAR M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	19EIR038	KEERTHANAP	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	19EIR039	KEERTHIKA P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27.	19EIR041	KOUSIKA B	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
28.	19EIR042	LAKSHMIPRABHA G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	19EIR043	LOAHIT S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	19EIR044	LOGESH S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31.	19EIR047	MEGHA A	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
32.	19EIR052	MUTHUKUMARASAMY M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33.	19EIR062	PRIYA DHARSHINI R	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
34.	19EIR079	SHALINI V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35.	19EIR081	SHARU PREETHI S	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
36.	19EIR096	YOGA ABITHA A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Handwritten marks:

1 3 3 2 1 1 2 1 2 1 3 1 0 1 1
 R R R R R R R R R R R R R R R

Signature: _____
 Course Coordinator 23/10/20
 (P. VIJAYAKRISHNAN)



CRITERION 2

Teaching-Learning and Evaluation

KONGU ENGINEERING COLLEGE
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
Value added course on "Electronic Circuit Designing for Engineering applications"

Attendance Sheet

S.No	Roll No.	Name	29.04.2021	30.04.2021	03.05.2021	04.05.2021	05.05.2021	06.05.2021	07.05.2021	08.05.2021	10.05.2021	11.05.2021	12.05.2021	13.05.2021	14.05.2021	17.05.2021
1.	19EIL099	MADHAVAN R	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	19EIL100	MOHAMED MUHSIN S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	19EIR001	AHAMED WAFIQ M	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	19EIR003	ARAVINTH S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	19EIR004	ARUNA G	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	19EIR007	BALASUBRAMANI J	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	19EIR010	DEEPIKA A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	19EIR012	DHARANIDHARAN D	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	19EIR014	DHARUN KUMAR G	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	19EIR015	DHAYAASHREE P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	19EIR016	DHAYANIDHI R G	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	19EIR017	DHIVYA SHREE A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	19EIR018	ELAKHIYA K B	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	19EIR019	ELAMATHI S	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	19EIR020	ELANGO P	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	19EIR021	GEERTHIGA T	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	19EIR022	GEETHANJALI D	/	/	/	/	/	/	/	/	/	/	/	/	/	/



 Estd : 1984	KONGU ENGINEERING COLLEGE (Autonomous) PERUNDURAI – 638060 INTERNAL QUALITY ASSURANCE CELL Department of EIE Organizer's Check List	NCV-05, Rev.0, 01.09.2019  CERT No.: 99-100-20788 ISO 9001 : 2015
--------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------

Title of the Course: _____

Date: From _____ **to** _____

Checks to be made

S.No.	ACTIVITY	Yes/No/NA
1.	Circular / Brochure Announcement	
2.	Confirmation of participants	
3.	Identification of faculty for handling classes	
4.	Fixing External faculty / Industrial Experts	
5.	Course material preparation	
6.	Time Table preparation	
7.	Copy of Time Table to all faculty handling classes	
8.	Accommodation for External Guest	
9.	Refreshment arrangement	
10.	Hall arrangements	
11.	Presentation Aids	
12.	Attendance Sheet	
13.	Local Visits - Permission from Industries. Transport, faculty arrangement	
14.	Participants feed back form	
15.	Preparation of participants Certificates	

 Estd - 1984	KONGU ENGINEERING COLLEGE (Autonomous) PERUNDURAI - 638060 INTERNAL QUALITY ASSURANCE CELL Department of EIE Feedback Sheet	NCV-04, Rev.0, 01.09.2019  CERT No. 99-100-20788 ISO 9001 : 2015
--------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------

1.0 Name of the Participant (Optional):

2.0 Course title

3.0 Dates of the program

4.0 Please rate the following parameters as per points given below.



	10 - Excellent	8 - Good	6 - Average	4 - Below average	2 - Poor
a) The overall rating of the course	10	8	6	4	2
b) Course delivery	10	8	6	4	2
c) Communication	10	8	6	4	2
d) Course material	10	8	6	4	2
e) Arrangements	10	8	6	4	2
f) Ability to clear doubts	10	8	6	4	2
g) Practical sessions	10	8	6	4	2
h) Hospitality	10	8	6	4	2
i) Examination (if conducted)	10	8	6	4	2

Please also give your suggestion for improvement

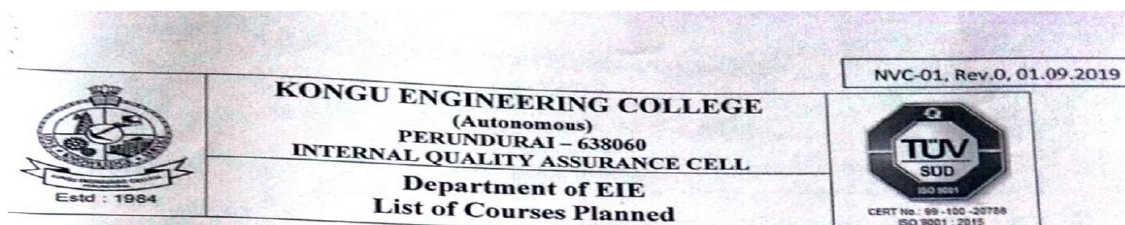
Signature of the Participant

CRITERION 2

Teaching-Learning and Evaluation

 Estd : 1984	KONGU ENGINEERING COLLEGE (Autonomous) PERUNDURAI – 638060 INTERNAL QUALITY ASSURANCE CELL Department Attendance Sheet	NCV-03, Rev.0, 01.09.2019  CERT No: 99-100-20788 ISO 9001: 2015							
Title of the Course: Date: From to									
Sl.No.	Name of the participants	Date / Sign							
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; height: 40px;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> </table>							



Course Faculty



Non-Formal / Value Added Courses		
S.No.	Title of the Course	Planned on (Month & Year)
1.	Simulation Hands on Training electronic Circuits using EDA Tools	July 2020
2.	Online Arduino programming and interfacing	August 2020
3.	Electronics System Design using FPGA and CPLD	October 2020
4.	Application of MATLAB program	December 2020
5.	Design and development of labview programming for engineering application	January 2021
6.	Project based Electronic circuit design	March 2021
7.	Engineering Nanomaterials for sensor design and scientific applications	February 2021
8.	Logic Programming for Industrial Automation	February 2021
9.	Mixed Signal Circuit Design	March 2021
10.	Enhancing the Students Personality : A Placement Focus	February 2021
11.		

CRITERION 2

Teaching-Learning and Evaluation

<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: center;"> KONGU ENGINEERING COLLEGE (Autonomous) PERUNDURAI – 638060 INTERNAL QUALITY ASSURANCE CELL Department of EIE Details of the Courses </div> <div style="text-align: right;"> NVC-02, Rev.0, 01.09.2019  <small>CERT No.: 99-100-20758 ISO 9001:2015</small> </div> </div>					
Title of the Course	Number of students Attended	Number of Hours	From Date	To Date	Handled by
Simulation Hands on Training electronic Circuits using EDA Tools	42	7 hrs	28.07.2020	03.08.2020	Dr.T.Kalavathi Devi, Dr.K.N.Baluprithviraj , Dr.M.Madhan Mohan
Online Arduino programming and interfacing	25	7 hrs	14.08.2020	21.08.2020	Dr.J.Indra, Dr.N.Mahesh, .Lizzynesa Bagyam
Electronics System Design using FPGA and CPLD	42	10hrs	19.10.2020	23.10.2020	Dr.T.Kalavathi Devi, Dr.K.N.Baluprithviraj , Dr.M.Madhan Mohan
Application of MATLAB program	32	30 hrs	1.12.20 to	21.12.20	Dr. R.Subasri, Mr.R.Mouleeshuwar apprabu
Design and development of labview programming for engineering application	25	30hrs	19.01.2021	06.02.2021	Dr.U.S.Ragupathy Mr.R.Rajkumar Mr.B.Venkatesan
Engineering Nano materials for Sensor	46	30hrs	11.02.2021	01.03.2021	Ms.P.Revathi Ms.T.Mrunalini

CRITERION 2

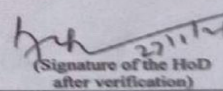
Teaching-Learning and Evaluation

ONLINE COURSES

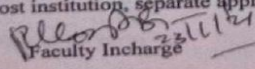
KONGU ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI - 638 060
BOARD OF EIE

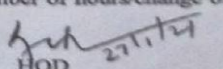
Date: 23.01.2021

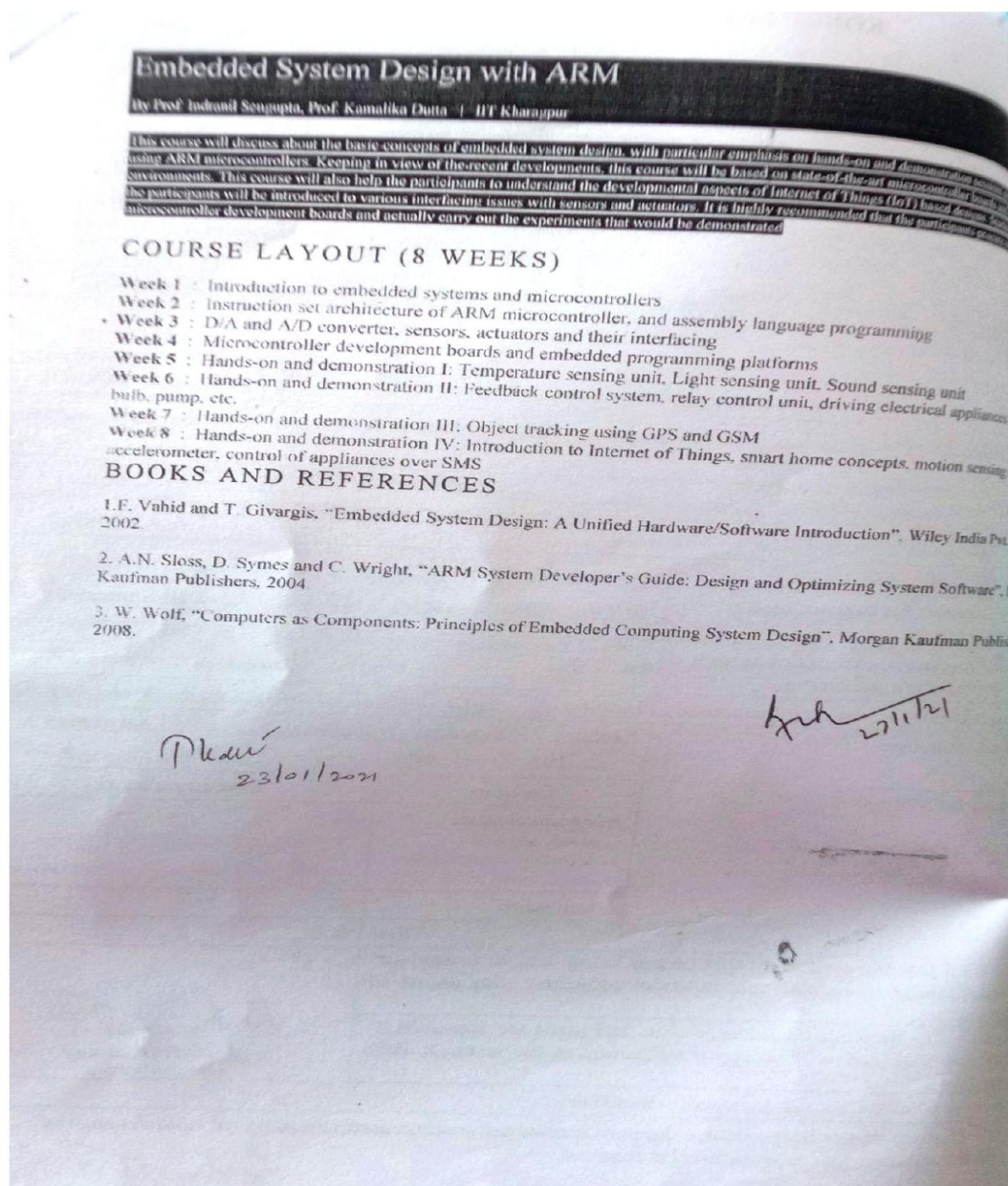
Details of online course in the academic year 2020-21 ODD/EVEN Semester

Name of the organization & host institution offering the course		IIT KGP			
Course Code/Course Title		noc21-ch26 - Chemical Process Instrumentation			
Is this course already approved by BOS?		Yes/No*			
3.a.i.	If Yes, equivalent credit already approved for this course			..... Credit(s)	
3.a.ii.	Whether any changes has been made in the syllabus/credits of the course? Mention the changes if any.				
3.b.i.	If No, Credit(s) assigned by Organization concerned			.....3..... Credit(s)	
3.b.ii.	Equivalent credit decided by internal BOS			.....3..... Credit(s)	
4.	Date(s) of Examination	25.04.2021			
5.a.	Eligible semester for registering the course (Put tick)	<input checked="" type="checkbox"/> IV <input type="checkbox"/> V <input checked="" type="checkbox"/> VI <input type="checkbox"/> VII <input type="checkbox"/> VIII Semester			
5.b.	Eligible Programme mentioned in web portal for registering the course	UG / PG			
6.	Pre-requisites for registering the course	—			
7.	Total no. of hours:	Lecture: — Hrs.	Practical: — Hrs.	Tutorial: — Hrs.	Any Other: 12 Weeks
8.	Assessment Method	Category		Maximum Marks	
		Assignment score (average of best 8 assignments out of the total 12 assignments)		25	
		Exam score		75	
		Total		100	
9.	Verified that the content of this course is not offered to students partially/fully in regular curriculum of respective programme of the student.				
10.	Certify that the course content, credits and grade are approved by Internal BOS and will be approved/ratified in the last/next BOS meeting	 (Signature of the HoD after verification)			
11.	Hard copy of syllabus is enclosed: Yes/No				

* If any changes in the course content/ assessment method/credits/number of hours/change of host institution, separate approval is required.


Faculty Incharge


HOD



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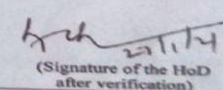
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Teaching-Learning and Evaluation

KONGU ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI - 638 060
BOARD OF EIE

Date: 23.01.2021

Details of online course in the academic year 2020-21 ODD/EVEN Semester

1a.	Name of the organization & host institution offering the course	IISc			
	Course Code/Course Title	noc21-ec32 - Sensors and Actuators			
	Is this course already approved by BOS?	Yes/No*			
3.a.i.	If Yes, equivalent credit already approved for this course	..... Credit(s)			
3.a.ii.	Whether any changes has been made in the syllabus/credits of the course? Mention the changes if any.				
3.b.i.	If No, Credit(s) assigned by Organization concerned	.....3..... Credit(s)			
3.b.ii.	Equivalent credit decided by internal BOS	.....3..... Credit(s)			
	Date(s) of Examination	25.04.2021			
4.a.	Eligible semester for registering the course (Put tick)	<input checked="" type="checkbox"/> IV <input type="checkbox"/> V <input checked="" type="checkbox"/> VI <input type="checkbox"/> VII <input type="checkbox"/> VIII Semester			
5.b.	Eligible Programme mentioned in web portal for registering the course	UG / PG			
6.	Pre-requisites for registering the course	Basic electronics			
7.	Total no. of hours:	Lecture: — Hrs.	Practical: — Hrs.	Tutorial: — Hrs.	Any Other: 12 weeks
8.	Assessment Method	Category		Maximum Marks	
		Assignment score (average of best 8 assignments out of the total 12 assignments)		25	
		Exam score		75	
		Total		100	
9.	Verified that the content of this course is not offered to students partially/fully in regular curriculum of respective programme of the student.	 (Signature of the HoD after verification)			
10.	Certify that the course content, credits and grade are approved by Internal BOS and will be approved/ratified in the last/next BOS meeting				
11.	Hard copy of syllabus is enclosed: Yes /No				

* If any changes in the course content/ assessment method/credits/number of hours/change of host institution, separate approval is required.

T. K. K. 23/01/2021
Faculty Incharge

HOD 23/1/21
HOD

CRITERION 2

























Teaching-Learning and Evaluation

	Professor (SRG)	
25	Mr.D.Selvakarthi, Assistant Professor (SRG)	23/10/21
26	Ms.T.Mrunalini, Assistant Professor (SRG)	23/11/21

Chairman (BoS/EIE) 27/11

CRITERION 2

Teaching-Learning and Evaluation

S.No.	Name & Designation	Signature
1.	Dr.S.Vijayachitra, Professor & HOD	
2.	Dr.U.S.Ragupathy, Professor & CCO	
3.	Dr. R.Subasri, Professor	
4.	Dr.J.Indra, Associate Professor	
5.	Dr.T.Kalavathi Devi, Associate Professor	
6.	Dr.M.Ponni Bala, Associate Professor	
7.	Dr.K.Prabhu, Associate Professor	
8.	Dr.S.J.Suji Prasad, Associate Professor	
9.	Dr.M.Madhan Mohan, Associate Professor	
10.	Dr.K.N.Baluprithviraj, Associate Professor	
11.	Dr.N.Mahesh, Associate Professor	
12.	Dr.M.Sasireka, Assistant Professor (SLG)	
13.	Ms.P.Vidhyalakshmi, Assistant Professor (SLG)	
14.	Mr.S.Janarthanan, Assistant Professor (SLG)	
15.	Mr.M.Raja, Assistant Professor (SRG)	
16.	Ms.M.Lizzyncsabagyam, Assistant Professor (SRG)	
17.	Ms.P.Revathi, Assistant Professor (SRG)	
18.	Mr.R.Mouleeshuwarappabu, Assistant Professor (SRG)	
19.	Mr.R.Rajkumar, Assistant Professor (SRG)	
20.	Mr.M.Thangatamilan, Assistant Professor (SRG)	
21.	Mr.C.Aravind, Assistant Professor (SRG)	
22.	Mr.K.Yuvaraj, Assistant Professor (SRG)	
23.	Mr.S.Jegan, Assistant Professor (SRG)	
24.	Mr.B.Venkatesan, Assistant	

NAAC 2020-2021
Report

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CRITERION 2

Teaching-Learning and Evaluation

KONGU ENGINEERING COLLEGE, PERUNDURAI-638 060
Department of Electronics and Instrumentation Engineering
Minutes of the Internal BoS Meeting – Online Course Approval

DATE : 23-01-2021
VENUE : Homi J Bhabha Seminar Hall
TIME: 4:00 PM to 4:30 PM

The Following Department Faculty Members present for the meeting:

1.	Dr.S.Vijayachitra, Professor & HOD	Chairman
2.	Dr.U.S.Ragupathy, Professor & CCO	Internal Member
3.	Dr. R.Subasri, Professor	Internal Member
4.	Dr.J.Indra, Associate Professor	Internal Member
5.	Dr.T.Kalavathi Devi, Associate Professor	Internal Member
6.	Dr.M.Ponni Bala, Associate Professor	Internal Member
7.	Dr.K.Prabhu, Associate Professor	Internal Member
8.	Dr.S.J.Suji Prasad, Associate Professor	Internal Member
9.	Dr.M.Madhan Mohan, Associate Professor	Internal Member
10.	Dr.K.N.Baluprithviraj, Associate Professor	Internal Member
11.	Dr.N.Mahesh, Associate Professor	Internal Member
12.	Dr.M.Sasireka, Assistant Professor (SLG)	Internal Member
13.	Ms.F.Vidhyalakshmi, Assistant Professor (SLG)	Internal Member
14.	Mr.S.Janarthanan, Assistant Professor (SLG)	Internal Member
15.	Mr.M.Raja, Assistant Professor (SRG)	Internal Member
16.	Ms.M.Lizzynesabagyam, Assistant Professor (SRG)	Internal Member
17.	Ms.F.Revathi, Assistant Professor (SRG)	Internal Member
18.	Mr.R.Mouleeshuwarappabu, Assistant Professor (SRG)	Internal Member
19.	Mr.R.Rajkumar, Assistant Professor (SRG)	Internal Member
20.	Mr.M.Thangatamilan, Assistant Professor (SRG)	Internal Member
21.	Mr.C.Aravind, Assistant Professor (SRG)	Internal Member
22.	Mr.K.Yuvaraj, Assistant Professor (SRG)	Internal Member
23.	Mr.S.Jegan, Assistant Professor (SRG)	Internal Member
24.	Mr.B.Venkatesan, Assistant Professor (SRG)	Internal Member
25.	Mr.D.Selvakarhi, Assistant Professor (SRG)	Internal Member
26.	Ms.T.Mrunalini, Assistant Professor (SRG)	Internal Member

The board discussed and approved the following points:

1. Enclosed list of courses from NPTEL can be approved for credit transfer in EIE curriculum.
2. Credit Assignment - Online Courses of 4 week duration can have 1credit, 8 weeks can have 2 credit and 12 weeks can have 3 credits.
3. The self study course / online course, in which the candidate takes up and earns 3 credits through assessment, can be considered instead of one elective course.

CRITERION 2

Teaching-Learning and Evaluation

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE - 638060
(AUTONOMOUS)
BOARD OF EEE
Date: 23.12.2021

Note: Submitted to Principal for approval of online courses in the academic Year 2020-21 Even Semester

Sl.No	Course Code as given by the host institution	Course Name	Name of Organization (NPTEL, GATE, etc)	Name of host institution offering the course	Duration in Hours	From	To	Credits assigned by organization/ host institution	Credits approved by internal BOS
1	noc21-ee04	Aircraft Design	NPTEL	IIT Kanpur	12 Weeks	18-Jan-21	9-Apr-21	3	3
2	noc21-ee09	Geographic Information Systems	NPTEL	IITR	12 weeks	18-Jan-21	9-Apr-21	3	3
3	noc21-ee06	Artificial Intelligence, Knowledge Representation and Reasoning	NPTEL	IITM	12 weeks	18-Jan-21	9-Apr-21	3	3
4	noc21-ee27	AI, Constraint Satisfaction	NPTEL	IITM	8 weeks	18-Jan-21	12-Mar-21	2	2
5	noc21-ee12	Evolution of Air Interface towards 5G	NPTEL	IIT KGP	8 weeks	15-Feb-21	9-Apr-21	2	2
5	noc21-ee35	Photonic integrated circuit	NPTEL	ISc	12 weeks	18-Jan-21	9-Apr-21	3	3
7	noc21-ee13	Biophotonics	NPTEL	IITK	12 Weeks	18-Jan-21	9-Apr-21	3	3
8	noc21-ee09	Waste to Energy Conversion	NPTEL	IITR	8 weeks	18-Jan-21	12-Mar-21	2	2
9	noc21-ee06	Chemical Process Instrumentation	NPTEL	IIT KGP	12 Weeks	18-Jan-21	9-Apr-21	3	3
10	noc21-ee09	Embedded System Design with ARM	NPTEL	IIT KGP	8 weeks	18-Jan-21	12-Mar-21	2	2
11	noc21-ee32	Sensors and Actuators	NPTEL	ISc	12 weeks	18-Jan-21	9-Apr-21	3	3

This may be relied in forthcoming BOS meeting. The above proposal may kindly be approved.

Faculty in-charge: *[Signature]* 23/11/21
HOD: *[Signature]*
COO/Academic: *[Signature]*
Principal: *[Signature]*

End:

- Minutes of Internal BOS for approval of the above courses
- Details of each online course(s) approved
- Signatures specified on nptel portal for this semester

CRITERION 2

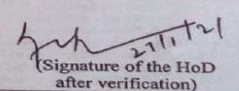
Teaching-Learning and Evaluation

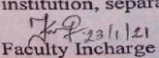
KONGU ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI - 638 060
BOARD OF EIE

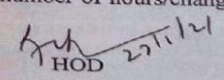
Date: 23.01.2021

Details of online course in the academic year 2020-21 ODD/EVEN Semester

Name of the organization & host institution offering the course		IITR	
Course Code/Course Title		noc21-ce09 - Geographic Information Systems	
Is this course already approved by BQS?		Yes / No*	
3.a.i.	If Yes, equivalent credit already approved for this course	..... Credit(s)	
3.a.ii.	Whether any changes has been made in the syllabus/credits of the course? Mention the changes if any.		
3.b.i.	If No, Credit(s) assigned by Organization concerned	.....3..... Credit(s)	
3.b.ii.	Equivalent credit decided by internal BOS	.....3..... Credit(s)	
Date(s) of Examination		24.04.2021	
a.	Eligible semester for registering the course (Put tick)	<input checked="" type="checkbox"/> IV <input type="checkbox"/> V <input checked="" type="checkbox"/> VI <input type="checkbox"/> VII <input type="checkbox"/> VIII Semester	
b.	Eligible Programme mentioned in web portal for registering the course	UG / PG	
c.	Pre-requisites for registering the course	Basic knowledge of computers	
7.	Total no. of hours:	Lecture: - Hrs.	Practical: - Hrs.
		Tutorial: - Hrs.	Any Other: 12 weeks
8.	Assessment Method	Category	Maximum Marks
		Assignment score (average of best 8 assignments out of the total 12 assignments)	25
		Exam score	75
		Total	100
9.	Verified that the content of this course is not offered to students partially/fully in regular curriculum of respective programme of the student.		
10.	Certify that the course content, credits and grade are approved by Internal BOS and will be approved/ratified in the last/next BOS meeting		
11.	Hard copy of syllabus is enclosed: Yes / No		


 (Signature of the HoD after verification)

* If any changes in the course content/ assessment method/credits/number of hours/change of host institution, separate approval is required.

 Faculty Incharge


 HOD

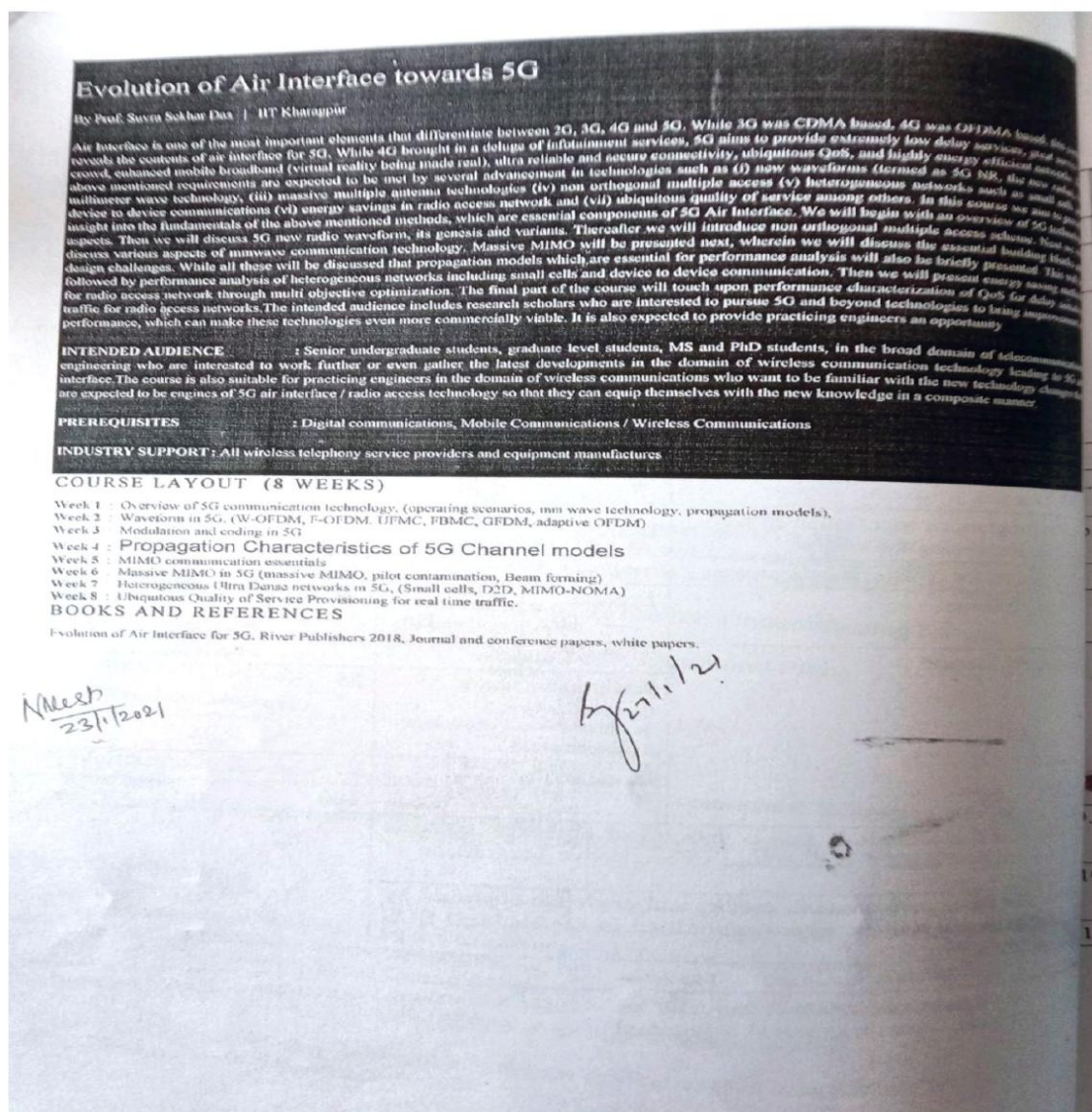
NAAC 2020-2021

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Teaching-Learning and Evaluation



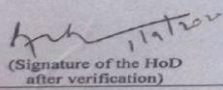
CRITERION 2

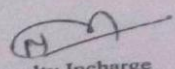
Teaching-Learning and Evaluation

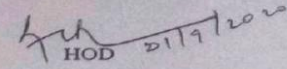
KONGU ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI - 638 060
BOARD OF EIE

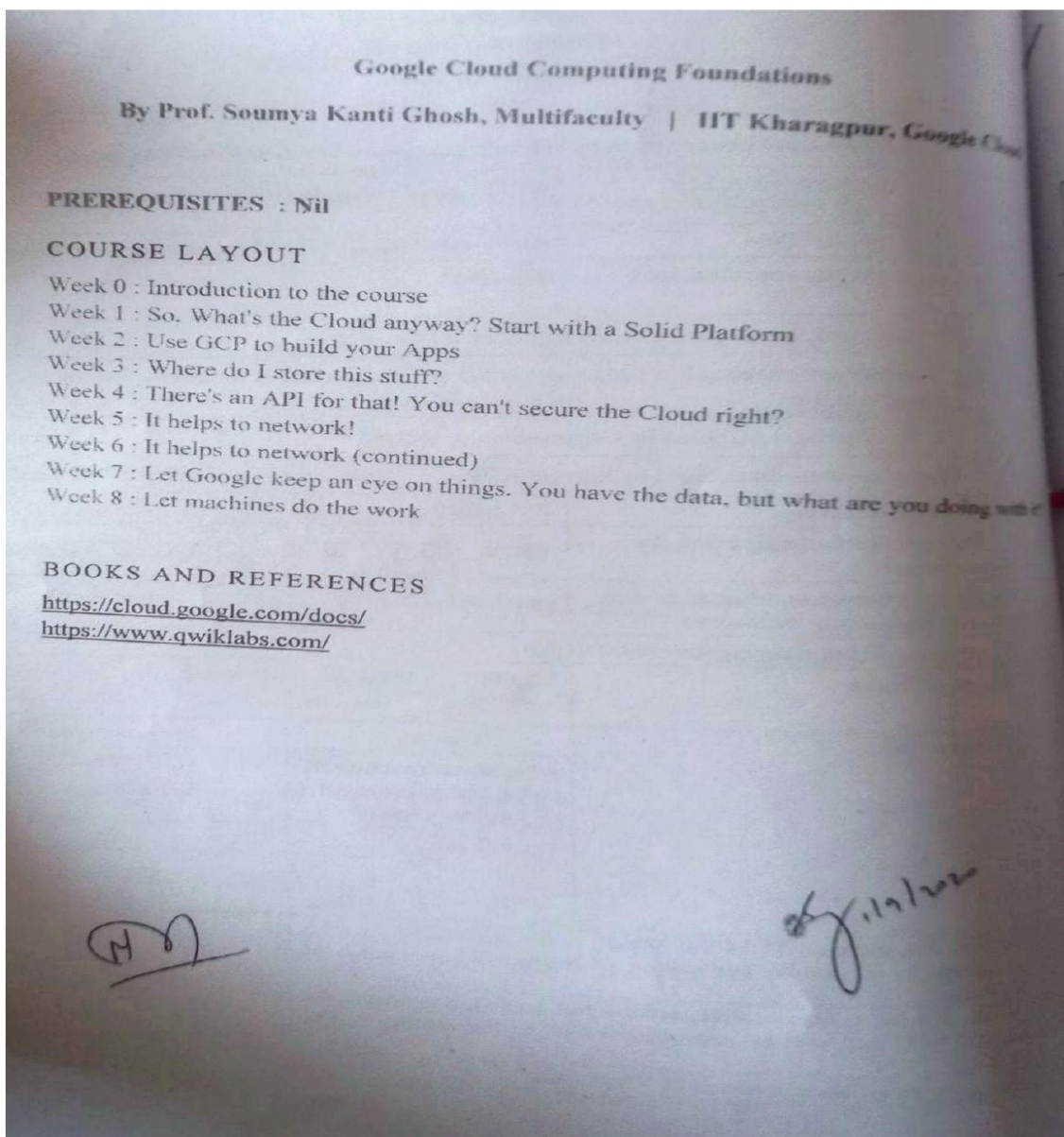
Date: 01.09.2020

Details of online course in the academic year 2020-21 ODD/EVEN Semester

1.	Name of the organization & host institution offering the course	NPTEL & IITR			
2.	Course Code/Course Title	noc20-ce62/ Global Navigation Satellite Systems And Applications			
3.	Is this course already approved by BOS?	Yes / No			
3.a.i.	If Yes, equivalent credit already approved for this course	.....1..... Credit(s)			
3.a.ii.	Whether any changes has been made in the syllabus/credits of the course? Mention the changes if any.				
3.b.i.	If No, Credit(s) assigned by Organization concerned	1 Credits			
3.b.ii.	Equivalent credit decided by internal BOS	1 Credits			
4.	Date(s) of Examination	18.12.2020			
5.a.	Eligible semester for registering the course (Put tick)	<input type="checkbox"/> IV <input checked="" type="checkbox"/> V <input type="checkbox"/> VI <input checked="" type="checkbox"/> VII <input type="checkbox"/> VIII Semester			
5.b.	Eligible Programme mentioned in web portal for registering the course	UG / PG			
6.	Pre-requisites for registering the course	Nil			
7.	Total no. of hours:	Lecture: Hrs.	Practical: Hrs.	Tutorial: Hrs.	Any Other: 4 Weeks
8.	Assessment Method	Category		Maximum Marks	
		Assignment (average of best 3 assignments out of 4 assignments)		25	
		Exam Score		75	
		Total		100	
9.	Verified that the content of this course is not offered to students partially/fully in regular curriculum of respective programme of the student.	 (Signature of the HoD after verification)			
10.	Certify that the course content, credits and grade are approved by Internal BOS and will be approved/ratified in the last/next BOS meeting				
11.	Hard copy of syllabus is enclosed: Yes / No				


 Faculty Incharge


 HOD 21/9/2020



NAAC 2020-2021
Report

AQAR

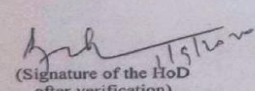
CRITERION 2

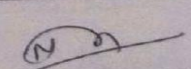
Teaching-Learning and Evaluation

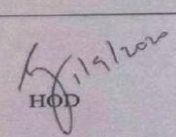
KONGU ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI - 638 060
BOARD OF EIE

Date: 01.09.2020

Details of online course in the academic year 2020-21 ODD/EVEN Semester

1.	Name of the organization & host institution offering the course	NPTEL & IITK										
2.	Course Code/Course Title	noc20-bt41 / Nanotechnology in Agriculture										
3.	Is this course already approved by BOS?	Yes / No										
3.a.i.	If Yes, equivalent credit already approved for this course 2 Credit(s)										
3.a.ii.	Whether any changes has been made in the syllabus/credits of the course? Mention the changes if any.											
3.b.i.	If No, Credit(s) assigned by Organization concerned	2 Credits										
3.b.ii.	Equivalent credit decided by internal BOS	2 Credits										
4.	Date(s) of Examination	19.12.2020										
5.a.	Eligible semester for registering the course (Put tick)	<input type="checkbox"/> IV <input checked="" type="checkbox"/> V <input type="checkbox"/> VI <input checked="" type="checkbox"/> VII <input type="checkbox"/> VIII Semester										
5.b.	Eligible Programme mentioned in web portal for registering the course	UG / PG										
6.	Pre-requisites for registering the course	Basic Sciences										
7.	Total no. of hours:	Lecture: — Hrs.	Practical: — Hrs.	Tutorial: — Hrs. Any Other: 8 Weeks								
8.	Assessment Method	<table border="1" style="width: 100%;"> <thead> <tr> <th>Category</th> <th>Maximum Marks</th> </tr> </thead> <tbody> <tr> <td>Assignment (average of best 6 assignments out of 8 assignments)</td> <td>25</td> </tr> <tr> <td>Exam Score</td> <td>75</td> </tr> <tr> <td>Total</td> <td>100</td> </tr> </tbody> </table>			Category	Maximum Marks	Assignment (average of best 6 assignments out of 8 assignments)	25	Exam Score	75	Total	100
Category	Maximum Marks											
Assignment (average of best 6 assignments out of 8 assignments)	25											
Exam Score	75											
Total	100											
9.	Verified that the content of this course is not offered to students partially/fully in regular curriculum of respective programme of the student.											
10.	Certify that the course content, credits and grade are approved by Internal BOS and will be approved/ratified in the last/next BOS meeting			 (Signature of the HoD after verification)								
11.	Hard copy of syllabus is enclosed: Yes / No											


 Faculty Incharge


 HOD

Kongu Engineering College, Perundurai, Erode, - 638060. Tamil Nadu.

NAAC 2020-2021 Report

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Teaching-Learning and Evaluation

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE - 638 060
(AUTONOMOUS)
BOARD OF EIE

Date: 07/01/2021

Note: Submitted to Principal for approval of online courses in the academic Year 2020-21 Odd Semester

Sl. No	Course Code as given by the host institution	Course Name	Name of Organization (NPTEL/GIAN, etc)	Name of host institution offering the course	Duration in Hours	From	To	Credits assigned by organization host institution	Credits approved by Internal BOS
1	noc20-ee85	Introductory Neuroscience & Neuro-Instrumentation	NPTEL	IISc	12 Weeks	14-Sep-20	4-Dec-20	3	3
2	noc20-ee59	Applied Optimization for Wireless, Machine Learning, Big Data	NPTEL	IITK	12 weeks	14-Sep-20	4-Dec-20	3	3
3	noc20-ee56	Fabrication Techniques for MEMS-based sensors: clinical perspective	NPTEL	IISc	12 weeks	14-Sep-20	4-Dec-20	2	2
4	noc20-cs86	Google Cloud Computing Foundations	NPTEL	IIT KGP & Google	8 weeks	14-Sep-20	6-Nov-20	2	2
5	noc20-cs95	Practical Machine Learning with Tensorflow	NPTEL	IITM & Google	8 weeks	14-Sep-20	6-Nov-20	1	1
6	noc20-ce62	Global Navigation Satellite Systems And Applications	NPTEL	IITR	4 Weeks	14-Sep-20	9-Oct-20	2	2
7	noc20-b41	Nanotechnology in Agriculture	NPTEL	IITK	8 weeks	14-Sep-20	6-Nov-20	2	2

This may be ratified in forth coming BOS meeting. The above proposal may kindly be approved.

Faculty In-Charge: *[Signature]* 7/1/2021

HOD: *[Signature]* 7/1/2021

CCO Academic: *[Signature]*

Principal: *[Signature]*

End:

1. Minutes of Internal BOS for approval of the above courses

2. Details of each online course(s) approved

NAAC 2020-2021
Report

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CRITERION 2

Teaching-Learning and Evaluation

certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE62S41430256

To
MOUNISHA N
1/257, PERUNDURAI R.S. ROAD, VEPPAMPALAYAM
VALLIPURATHAMPALAYAM (POST), V. VELLODE (VIA)
ERODE
TAMILNADU - 638112
PH. NO : 6381241264

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

of credits recommended by NPTEL: 1
Additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
MOUNISHA N
for successfully completing the course

Global Navigation Satellite Systems and Applications

with a consolidated score of **72** %

Online Assignments	24.17/25	Proctored Exam	48/75
Total number of candidates certified in this course: 94			

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

swayam

No: NPTEL20CE62S41430256

To validate and check scores: <https://nptel.ac.in/noc/>

Kongu Engineering College, Perundurai, Erode, - 638060. Tamil Nadu.

NAAC 2020-2021 Report

AQAR

CRITERION 2

Teaching-Learning and Evaluation

Certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE62S41430206

To
JAGATHESH T
4A, KUMARAN STREET
PERIYA VETTUVA PALAYAM, PERUNDURAI
ERODE
TAMIL NADU - 638052
PH. NO : 9698109040

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

of credits recommended by NPTEL:1
Additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
JAGATHESH T
for successfully completing the course

Global Navigation Satellite Systems and Applications

with a consolidated score of **81** %

Online Assignments	24.17/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 94

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

No: NPTEL20CE62S41430206

To validate and check scores: <https://nptel.ac.in/noc/>

swayam

NAAC 2020-2021 Report

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CRITERION 2

Teaching-Learning and Evaluation

To
Dr. TKD
By 8.11.21

Kongu Engineering College, Perundurai, Erode – 638060
Department of EIE
Online Course Registration (NPTEL/SWAYAM/MOOC) Details
Academic Year – 2020-21 (Odd Semester)

S.No	Roll no	Name	Registered Course	Appeared for Exam Yes/ No	Result with Proof (certificate)
1	17EIR031	JAGATHESH T	Global Navigation Satellite Systems and Applications	Yes	Proof enclosed
2	17EIR040	KAMALINI V	Global Navigation Satellite Systems and Applications	Yes	Proof enclosed
3	17EIR054	MOUNISHA N	Global Navigation Satellite Systems and Applications	Yes	Proof enclosed

8/11/21
(J.INDER)
Year coordinator

8/11/21
HOD I E I E

NPTEL Online Certification
JAGATHESH T
Global Navigation Satellite Systems and Applications

Kongu Engineering College, Perundurai, Erode, - 638060. Tamil Nadu.


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CDC-05B, Rev.0, 01.04.2021



KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAI - 638060
INTERNAL QUALITY ASSURANCE CELL

Approval for Online Course

Estd 1984



CERT No. 95-100-20788
ISO 9001 : 2015

Academic Year: 2021-22 ODD/EVEN Semester

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Date: 23.07.2021

1.	Name of the organization & host institution offering the course	IITM													
2.	Course Code/Course Title	noc21-bt50- Introduction to Biomedical Imaging Systems													
3.	Is this course already approved by BOS?	Yes/ No*													
3.a.i.	If Yes, equivalent credit already approved for this course Credit(s)													
3.a.ii.	Whether any changes has been made in the syllabus/credits of the course? Mention the changes if any.														
3.b.i.	If No, Credit(s) assigned by Organization concerned3..... Credit(s)													
3.b.ii.	Equivalent credit decided by internal BOS3..... Credit(s)													
4.	Date(s) of Examination	October 23, 2021													
5.a.	Eligible semester for registering the course (Put tick)	<input type="checkbox"/> III	<input type="checkbox"/> IV	<input checked="" type="checkbox"/> V											
		<input type="checkbox"/> VI	<input checked="" type="checkbox"/> VII	<input type="checkbox"/> VIII	Semester										
5.b.	Eligible Programme mentioned in web portal for registering the course	UG / PG													
6.	Pre-requisites for registering the course	Nil													
7.	Total no. of hours:	Lecture: Hrs. - 12 Weeks	Practical: -Hrs.	Tutorial: - Hrs.	Any Other: - Hrs.										
8.	Assessment Method	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Category</th> <th>Maximum Marks</th> </tr> </thead> <tbody> <tr> <td>Average assignment score =</td> <td>25% of average of best 8 assignments out of the total 12 assignments given in the course.</td> </tr> <tr> <td>Exam score =</td> <td>75% of the proctored certification exam score out of 100</td> </tr> <tr> <td>Final score =</td> <td>Average assignment score + Exam score</td> </tr> <tr> <td>Total</td> <td>100</td> </tr> </tbody> </table>				Category	Maximum Marks	Average assignment score =	25% of average of best 8 assignments out of the total 12 assignments given in the course.	Exam score =	75% of the proctored certification exam score out of 100	Final score =	Average assignment score + Exam score	Total	100
Category	Maximum Marks														
Average assignment score =	25% of average of best 8 assignments out of the total 12 assignments given in the course.														
Exam score =	75% of the proctored certification exam score out of 100														
Final score =	Average assignment score + Exam score														
Total	100														
9.	Verified that the content of this course is not offered to students partially/fully in regular curriculum of respective programme of the student.	(Signature of the HoD after verification)													
10.	Certify that the course content, credits and grade are approved by Internal BOS and will be approved/ratified in the last/next BOS meeting														

23.7.21

NAAC 2020-2021 Report

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11.	Hard copy of syllabus is enclosed: Yes / No
* If any changes in the course content/ assessment method/credits/number of hours/change of host institution, separate approval is required.	
H. Sairi Faculty Incharge (M. SASIREKA)	HOD 23/7/21

NAAC 2020-2021 Report

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Teaching-Learning and Evaluation

INTERNSHIP/INDUSTRIAL PROJECT WORK

One Cognizant
THE POWER OF ONET

Onboarding

Welcome to
COGNIZANT

YOUR PATH OF JOINING

Your joining date with Cognizant is 13 Mar 2021

REVIEW & ACCEPT OFFER	Completed
BACKGROUND CHECK	InProgress
PRE-JOINING FORMALITIES	Completed
YOUR DAY 1	Yet to Start

LEARN MORE ABOUT...

01 YOUR ONBOARDING PROCESS

02 POLICIES

03 LOCATIONS

04 LEARNING

Best viewed in 1024 x 768 or higher resolution with Internet Explorer 7+ browser. | © 2012 Cognizant. All rights reserved.

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- Photocopy of your Certificates / Mark Sheets in support of your Educational Qualification(s)
- 2 Passport-size photographs
- Pan Card
- Aadhar Card
- Personal individual bank account from a nationalized bank for processing stipend

Please do not hesitate to call us for any information you may need.
We wish you good luck.

Yours sincerely,

For **Cognizant Technology Solutions India Pvt. Ltd.**,

Suresh Bethavandu
Global Head-Talent Acquisition

I accept the terms and conditions of the offer as mentioned above.

Signature:

Date:

RI'qd. Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097



03-Mar-2021
Vithun Jeyanesh
B.Tech/B.E. Electronics and Instrumentation Engineering
Kongu Engineering College ,Erode

Dear Vithun,

Further to our offer for the position of Programmer Analyst Trainee and in response to your confirmation into the Internship opportunity we had extended, we are pleased to offer you an **Internship** with us for a **period of 3 to 6 months**, during which you will be offered a stipend Amount of **INR 12000/-** per month based on the Internship performance and completion. Actual Internship dates and duration would be based on the business demand aligned skill tracks offered to you and would be shortly communicated to you.

Cognizant Internship being a pre joining skill and capability development program, it would form a critical part of your employment with Cognizant.

You will undergo a learning curriculum as per the learning track assigned to you. The learning path will include in-depth sessions, hands on exercise and project work. There will also be series of webinars, quizzes, SME interactions, mentor connects, code challenges, assessments etc. to accelerate your learning. The performance during Internship would be monitored through formal evaluations.

The Cognizant Internship completion would qualify as the entry criteria to your post joining training program and would be used as basis towards your allocation to projects/roles.

Prior to joining Cognizant, you must successfully complete the prescribed Internship program. In event of non-completion of the Internship, Cognizant may at its sole discretion revoke this offer of employment.

Please also note that:

- The Internship Training will be done from Monday through Friday for 8 hours from 9 am to 6 pm (IST).
- Interns are covered under Cognizant's calendar holidays of the respective location of internship and you would need to adhere with attendance requirements. Pre-approvals are to be sought towards unavoidable leave or break requests from the program.
- There would be zero tolerance to plagiarisms and misconduct during the internship.
- You would be required to ensure timely completion and submission of assignments, project work and preparation required prior to the sessions.
- You may be required, to travel to other locations within India if there is a business need as per your internship plan
- Cognizant reserves clauses regarding IT infra if applicable and access to information and material of Cognizant during the period and could modify or amend the Cognizant GenC program terms and conditions from time to time

At the time of your reporting for the internship, you will be required to sign a Non - Disclosure Agreement with the company. During the course of your Internship and after completion of the same, you are required to maintain strictest confidentiality with respect to company proprietary or products that you access or come into contact with, during your project as an Intern, at all times as per our Policy. Use of company proprietary information or products shall not be made without prior permission from the concerned authority.

You will also be required to submit the following documents at the time of reporting:

- Photocopy of your Passport & Visa

RI'qd. Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097



03-Mar-2021
Vinodha B
B.Tech/B.E. Electronics and Instrumentation Engineering
Kongu Engineering College ,Erode

Dear Vinodha,

Further to our offer for the position of Programmer Analyst Trainee and in response to your confirmation into the Internship opportunity we had extended, we are pleased to offer you an **Internship** with us for a **period of 3 to 6 months**, during which you will be offered a stipend Amount of **INR 12000/-** per month based on the Internship performance and completion. Actual Internship dates and duration would be based on the business demand aligned skill tracks offered to you and would be shortly communicated to you.

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You will also be required to submit the following documents at the time of reporting;

- Photocopy of your Passport & Visa

RI'qd. Office: 115/535, Old Mahabalipuram Road, Okkiam Thoraipakkam, Chennai - 600 097

ABE SEMICONDUCTOR DESIGNS, CHENNAI



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr Sanjai S from **Department of Electronics and Instrumentation Engineering of Kongu Engineering College, Perundurai** has done his internship as Junior AI Software Developer (JSD-AI). He worked on projects namely "Smartly Care", "DRONA" and designed ABEGroups website at our concern from 01/06/2020 to 15/01/2021. During the tenure, he was sincere and hardworking towards the project. We appreciate his efforts and wishing him for his bright future.

With Best regards,

Dr A ATHIF SHAH,
Chairman / Managing Director
ABE Semiconductor Designs

16 B/3 SUNDARBANS COMPLEX, FIRST AVENUE ASHOK NAGAR, CHENNAI-83
Web : www.abegroups.com E-mail : contactus@abegroups.com Ph : +914448501333



Date: 25-November-2020

To,
Elakky Periasamy

Copy To,
Kongu Engineering College, EIE
Erode

Sub: Offer of Internship

We would like to congratulate you on being selected for Internship with Soliton Technologies Private Limited. All of us at Soliton are excited that you will be joining our team!

As such, your internship will include training and orientation. The focus will primarily be on learning and developing new skills and gaining a deeper understanding of concepts through hands-on application.

Your internship shall be subject to the following terms and conditions:

Position Title : Intern
Start Date : 1-December-2020
End Date : 31-March-2021
Base Location : Soliton Technologies Pvt. Ltd
305, Third Floor, Tidel Park,
Coimbatore

Conditions of the Agreement:

1. The stipend applicable during the internship period is Rs.10,000/- per month.
2. There will be an additional allowance of Rs.5,000/- per month for outstation Interns towards accommodation. This will be applicable upon relocation and for the duration during which the Intern works from the base location.
3. The total number of working hours shall be 9 hours per day inclusive of lunch break for 1 hour, from Monday to Saturday.
4. You will be eligible for holidays on Sundays and on all declared company holidays.
5. You will receive direct and close supervision by appropriate supervisors.
6. As an intern, you will not receive any of the regular employee benefits that includes, but not limited to health insurance, educational allowance, paid leaves, or social security benefits.
7. An internship completion letter will be issued after the completion of internship, which needs to be submitted to your college.

The Intern agrees to and acknowledges the following:

- Company may at any time at its sole discretion, terminate the internship without notice or cause.

Soliton Technologies Pvt. Ltd., 683, 15th Cross Road, J. P. Nagar 2nd Phase, Bangalore - 560078, INDIA.
Tel: +91 (80) 41208600 • E-mail: mail@solitontech.com
www.solitontech.com



Trimble Information Technologies India Private Limited

Your internship can be terminated within 10 Business days' notice if your work performance is found to be unsatisfactory and/or you breach any of the company rules

The rules and regulations of service of the Company that are in force may be framed, amended, altered or extended from time to time. They will govern you in the same form as and when altered or amended.

By accepting this internship offer, you are obligated to adhere to our company policies pertaining but not restricted to non-disclosure, intellectual property right, Code of Conduct, work ethics and drug free work place.

You are advised to submit the following documents at the time of Joining:

- Copy of your educational Certificates (SSLC, HSc, Graduation & Post Graduation)
- Copy of all pages of your passport
- 2 Passport size latest photos
- ID proof-Pan Card

The contents of this offer and the details of fee etc. are highly confidential and therefore should be discussed only with your Manager or HR.

Please return the duplicate of this internship appointment letter duly signed by you on all pages in token of your having accepted the terms and conditions mentioned above.

For Trimble Information Technologies India Private Limited

Authorised signatory

CIN: U72300TN1999PTC043647

Registered Office: Module No.603-604, 6th Floor, C Block Tidel Park - No.4, Rajiv Gandhi Salai, Taramani, Chennai - 600 113 - India
Tel: +91 44 2254 1941 / 43 / 61 / 63 - Fax: +91 44 2254 1942 - www.trimble.com

PROJECT

PROJECT REVIEW REPORT									
DEPARTMENT : Electronics and Instrumentation Engineering									
ACADEMIC YEAR : 2019-2020									
DEGREE : BE									
SEMESTER : VIII									
PROJECT REVIEW MEMBERS: Dr.S.Vijayachitra, Dr.S.Saji Prasad									
S.No.	ROLL No.	STUDENT NAME	PROJECT		Date of Review	REVIEW - II			Total
			TITLE	GUIDE		Reviewer - I marks (100)	Reviewer - II marks (100)	Guide marks (100)	
1.	16EIR037	Janarthanan S	Crop Health Monitoring Using Agricultural Drone	Dr.U.S.Rajagopal	29.02.2020	90	90	85	265
2.	16EIR046	Lohit Aravindan M	Crop Health Monitoring Using Agricultural Drone	Dr.U.S.Rajagopal	29.02.2020	100	90	95	285
3.	16EIR058	Nivedita S	Crop Health Monitoring Using Agricultural Drone	Dr.U.S.Rajagopal	29.02.2020	90	90	80	260
4.	16ELU110	Janarthanan K.K	Crop Health Monitoring Using Agricultural Drone	Dr.U.S.Rajagopal	29.02.2020	90	95	85	270
5.	16EIR056	Niranjana M	Monitoring and Controlling of Water Quality Improvement Using IOT	Ms.P.Renuka	29.02.2020	90	85	90	265
6.	16EIR066	Prathiba Raj C	Monitoring and Controlling of Water Quality Improvement Using IOT	Ms.P.Renuka	29.02.2020	90	85	100	275
									91.67

PR-01
Rev. 1
01-10-14

CRITERION 2

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7.	16EIR085	SivaPrakash J	Monitoring and Controlling of Water Quality Improvement Using IOT	Ms.P.Revathi	29.02.2020	90	85	90	265	88.33
8.	16EIR088	Sudharan.K	Monitoring and Controlling of Water Quality Improvement Using IOT	Ms.P.Revathi	29.02.2020	90	75	90	255	85
9.	16EIR032	Idhikash.S	PLC Based Removal of Medium Density Particles Using Dump Valve	Mr.K.N.Baluprithiviraj	29.02.2020	95	95	95	95	95
10.	16EIR042	Kirubakaran.S.R	PLC Based Removal of Medium Density Particles Using Dump Valve	Mr.K.N.Baluprithiviraj	29.02.2020	95	95	85	275	91.67
11.	16EIL108	Ashwin.V	PLC Based Removal of Medium Density Particles Using Dump Valve	Mr.K.N.Baluprithiviraj	29.02.2020	90	85	75	250	83.33
12.	16EIL109	Ganuprasad.R.S	PLC Based Removal of Medium Density Particles Using Dump Valve	Mr.K.N.Baluprithiviraj	29.02.2020	90	85	80	255	85
13.	16EIR061	Pearlstone Emmanuel.G	Textile Waste Water Treatment Using Bio Adsorbing Membrane and Vapour Absorption Technology	Mr.D.Selvakanthi	29.02.2020	85	90	90	265	88.33
14.	16EIR063	Prathap.S	Textile Waste Water Treatment Using Bio Adsorbing Membrane and Vapour Absorption Technology	Mr.D.Selvakanthi	29.02.2020	85	90	100	275	91.67
15.	16EIR064	Pravin.S	Textile Waste Water Treatment Using Bio Adsorbing Membrane and Vapour Absorption Technology	Mr.D.Selvakanthi	29.02.2020	95	95	100	290	96.67

NAAC 2020-2021
Report

AQAR

CRITERION 2

Teaching-Learning and Evaluation

16.	16EIR101	Thiyageshwaran.S.R	Textile Waste Water Treatment Using Bio Adsorbing Membrane and Vapour Absorption Technology	Mr.D.Selvakarathi	29.02.2020	85	90	90	265	88.33
17.	16EIR003	Abu Thahir.A	Relative Speed Control by Pothole Detection	Mr.N.Mahesh	29.02.2020	85	85	80	250	83.33
18	16EIR005	Avenudh.T.N	Relative Speed Control by Pothole Detection	Mr.N.Mahesh	29.02.2020	95	90	90	275	91.67
19.	16EIR022	Elakkya.R	Relative Speed Control by Pothole Detection	Mr.N.Mahesh	29.02.2020	85	85	80	280	83.33
20.	16EIR033	Indumathi.M	Relative Speed Control by Pothole Detection	Mr.N.Mahesh	29.02.2020	75	75	75	225	75
21.	16EIR072	Kohini.V	Early Warning System for Landslides Using Wireless Sensor Network	Mr.S.Janarthanan	29.02.2020	85	85	75	235	81.67
22.	16EIR100	Thirupugal Sabapathi.B	Early Warning System for Landslides Using Wireless Sensor Network	Mr.S.Janarthanan	29.02.2020	85	85	85	255	85
23.	16EIR103	Vignesh.S	Early Warning System for Landslides Using Wireless Sensor Network	Mr.S.Janarthanan	29.02.2020	85	85	90	260	86.67
24.	16EIR002	Aarthi.J	Massecutive Bix Analyser	Mr.C.Aravind	29.02.2020	85	85	85	255	85

NAAC 2020-2021 Report

AQAR

CRITERION 2

Teaching-Learning and Evaluation

25.	16EIR012	Aruna L	Massecutive Brix Analyser	Mr.C.Aravind	29.02.2020	85	85	90	260	86.57
26.	16EIR044	Lavanya M	Massecutive Brix Analyser	Mr.C.Aravind	29.02.2020	95	85	85	265	88.33
27.	16EIR048	Madhan Kumar T	Massecutive Brix Analyser	Mr.C.Aravind	29.02.2020	85	75	80	240	80
28.	16EIR059	Nivetha T	Seed Sowing Robot	Mr.K.Yuvraj	29.02.2020	90	85	80	255	85
29.	16EIR095	Sishma J	Seed Sowing Robot	Mr.K.Yuvraj	29.02.2020	90	85	85	260	86.67
30.	16EIR096	Suharsan T S	Seed Sowing Robot	Mr.K.Yuvraj	29.02.2020	100	85	90	275	91.67
31.	16EIL116	Rajadurai Ramajeyam M	Seed Sowing Robot	Mr.K.Yuvraj	29.02.2020	90	75	85	250	83.33
32.	16EIR019	Dharmacharan M	Hardwood Final Tower Dilution in Pulping Process	Dr.M.PonBala	29.02.2020	100	90	85	275	91.67
33.	16EIR035	Janan K	Hardwood Final Tower Dilution in Pulping Process	Dr.M.PonBala	29.02.2020	90	80	85	255	85
34.	16EIR038	Kalaiahumani S	Hardwood Final Tower Dilution in Pulping Process	Dr.M.PonBala	29.02.2020	90	80	85	255	85

CRITERION 2

Teaching-Learning and Evaluation

<p style="text-align: center;">KONGU ENGINEERING COLLEGE DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING 14EIP71 - MINI PROJECT Academic Year - 2020-2021</p>						
Serial No.	Students name	Register No.	Project Title	Project done at	Supervisor	Proposed Date of completion
1.	S. S. NAVANETHA D. SHALINI S. S. SUBASH CHANDRA BOSE	17EIR060 17EIR090 17EIR096	Road side dust collector machine	In-house	Dr. K. Prabhu	30.12.2020
2.	C. BHUMESH S. K. ARUN KOUSHIK J. A. MITHUN MAHA DEVAN	16EIR017 17EIR007 17EIR050	Speed control of conveyor belt in pharmaceutical industry	In-house	Mr. R. Mouleeswara prabu	30.12.2020
3.	S. PRASANATH P. SUREN S. THASEEN	17EIR070 17EIR098 17EIR100	Remote monitoring of water quality parameters to enhance Aquaculture	In-house	Ms. P. Revathi	30.12.2020
4.	M. ABARNA A. DEEPA L. LOGAPRIYA	17EIR001 17EIR013 17EIR046	Pulmonary embolism disease diagnosing using deep learning	In-house	Dr. S. Vijayachitra	30.12.2020
5.	L. ABINAYA S. ANUPREETHA S. GOWTHAM	17EIR002 17EIR006 17EIR113	IoT based automated sericulture monitoring system	In-house	Mr. S. Janarthanan	30.12.2020
6.	K. B. GOPI A. JAYENTH KRISHNA S. MOHAMMED AMEEN	17EIR022 17EIR036 17EIR052	Automatic roi marker	In-house	Mr. S. Janarthanan	30.12.2020
7.	S. INDULHA P. KARTHIKA T. HARIHARAN	17EIR017 17EIR043 17EIR114	Smart hearing impaired passenger alert system	In-house	Ms. M. Lizzy Nesa Bagyam	30.12.2020

PR-01
Rev.0
01-09-19

8/10/2020

1/4

30/12/20

CRITERION 2

Teaching-Learning and Evaluation

8.	M. MURALIDHARAN P. RAGUVEENDRAN S. SANJAI	17ER055 17ER073 17ER085	Smart exam monitoring system	In-house	Dr. M. Manesh	30.12.2020	30.12.2020
9.	A.S. NAVJEEVARA P. NIVETHA P. RAJUL	17ER062 17ER064 17ER074	Design of hardware in-loop simulation for efficiency monitoring of three phase induction motor	In-house	Dr. R. Subasi	30.12.2020	30.12.2020
10.	T. JAGATHESH N. MOJUNSHA S. ADHARSH	17ER031 17ER054 17EL110	Barana leaf cropping machine	In-house	Mr. R. Rajkumar	30.12.2020	30.12.2020
11.	G. HARSHNE R. KAMESHWARI S. GOPNATH	17ER028 17ER041 17EL112	Wireless mobile charger	In-house	Mr. M. Raja	30.12.2020	30.12.2020
12.	L. PADMAPRIVA P. VIDHYAANLARI R. SHAMATHI	17ER066 17ER105 17EL119	Honey bees monitoring using IoT	In-house	Mr. S. Jegan	30.12.2020	30.12.2020
13.	A. ARUNPRABHU J.V. JAYANISFREE V. KAMALINI	17ER008 17ER034 17ER040	Automatic drying harvested crop protection from rain and animals	In-house	Dr. M. PremBala	30.12.2020	30.12.2020
14.	K. PRABHU T. S. SANTHOSH K. SATHISHMURALI	17ER068 17ER066 17ER088	Performance estimation of 3 phase induction motor	In-house	Dr. J. Indira	30.12.2020	30.12.2020
15.	C. BHARANTHARAN R. DEEPAK S. GUHAN	17ER010 17ER014 17ER025	RF controlled cassava peeling machine	In-house	Mr. K. Vitaraj	30.12.2020	30.12.2020
16.	M. PRASADNA A. SHARUNYA S. SOMNIVA	17ER069 17ER091 17ER094	Smart home automation system	In-house	Mr. K. Vitaraj	30.12.2020	30.12.2020
17.	J. MOHAMED SHAJITH G. M. JANANI C. JANANI	17ER051 17ER032 17ER033	Automatic fabric cutting machine	In-house	Dr. P. Vidhyalakshmi	30.12.2020	30.12.2020
18.	S. DHINESH M. DILIPKUMAR R. HARSH KUMAR	17ER017 17ER018 17ER027	Coin sorting	In-house	Dr. P. Vidhyalakshmi	30.12.2020	30.12.2020

20/12/2020

2/4

30/12/20

CRITERION 2

Teaching-Learning and Evaluation

19.	G. PARAMASIVAM G. SESHANK ADITYA S. VASWANTH L. THIRUKUMARAN	17EIR057 17EIR058 17EIR108 17EIR101	Measurement and Monitoring of water quality using smart sensing in home water purifier.	In-house	Mr. B. Venkatesan	30.12.2020	30.12.2020
20.	P. GNANASEKAR C. A. JEEVAKUMAR C. S. JEYA PRIYA	17EIR020 17EIR037 17EIR038	Crop Prediction in Agricultural fields under variable Weather Conditions.	In-house	Mr. M. Thangazhian	30.12.2020	30.12.2020
21.	S. PRETHIPRIYA K. RAMANIDHARAN R. SAKTHIVEL	17EIR071 17EIR077 17EIR084	Smart poultry farming and health management system	In-house	Mr. M. Thangazhian	30.12.2020	30.12.2020
22.	S. PRIYADHARSHAN V. RAMESH K. VAGARASU	17EIR072 17EIR078 17EIR102	IoT Based Patient Database Reporting System	In-house	Dr. K. Prabhu	30.12.2020	30.12.2020
23.	D. V. DEEPTHI P. ELAKKIA M. GOKUL PRAKASH	17EIR015 17EIR019 17EIR021	Brain tumor detection from MRI	In-house	Dr. U. S. Ragupathy	30.12.2020	30.12.2020
24.	B. JAYAGANESH D. MANOBALA S. N. KARTHIK	17EIR035 17EIR049 17EIR115	Smart road safety system for harpin bend at ghat roads	In-house	Dr. S. J. Sujit Prasad	30.12.2020	30.12.2020
25.	R. HARINE S. KRITHICK S. MONISHA K. BAVITHRAN	17EIR026 17EIR044 17EIR053 17EIR111	Anomaly Detection of Control Valves	In-house	Mr. C. Aravind	30.12.2020	30.12.2020
26.	K. M. SRIRAM J. VITHUNAYANESH K. VASWANTH KUMAR	17EIR035 17EIR107 17EIR108	BMI predictor using Machine Vision	In-house	Mr. C. Aravind	30.12.2020	30.12.2020
27.	K. R. BHARATHI S. CHENDHURAN P. LOKESHWARAN	17EIR011 17EIR012 17EIR047	Smart door with face mask detection	In-house	Dr. K. N. Balurathinai	30.12.2020	30.12.2020
28.	C. MUTHAMZHELVAN M. NARESH V. RAKESHKUMAR	17EIR057 17EIR058 17EIR076	Social distance monitoring system	In-house	Ms. T. Munaini	30.12.2020	30.12.2020

3/10/2020

3/4

3/10/2020

CRITERION 2

Teaching-Learning and Evaluation

29.	S. ANISH AHMAD M. K. GOVITHAMI N. LAKSHYA	17EIR005 17EIR024 17EIR029	Determination of Growth Disorders through Micronutrient Deficiency Surveillance	In-house	Dr. M. Madhan Mohan	30.12.2020	30.12.2020
30.	B. NAVANEETHA S. SUDHARSANAN S. VANABALASUDHAN	17EIR059 17EIR097 17EIR103	Automatic variety Dosa maker	In-house	Mr. R. Rajkumar	30.12.2020	30.12.2020
31.	N. M. NITHISH B. SARAYANSHANKAR D. SADURWANTH	17EIR063 17EIR087 17EL118	IoT based Automatic Irrigation System	In-house	Mr. M. Raja	30.12.2020	30.12.2020
32.	G. B. RAHULBALAJI P. SOMAIVA B. VINODHA	17EIR075 17EIR093 17EIR106	Detection of signs and symptoms of micronutrient deficiency by intelligent techniques	In-house	Dr. T. Kalavathi Devi	30.12.2020	30.12.2020
33.	D. RENUKADEVI S. REVATHI S. RAMESH	17EIR082 17EIR083 17EL117	Green house monitoring and controlling parameters using Fuzzy and Machine learning methods	In-house	Dr. T. Kalavathi Devi	30.12.2020	30.12.2020
34.	C. NAVJEEV RAHTE K. OVIYA P. RANJITHKUMAR M. RASHIKA	17EIR081 17EIR085 17EIR079 17EIR080	Mathematical model based controller design for wireless dyeing system	In-house	Mr. D. Selvakathi	30.12.2020	30.12.2020
35.	T. RAJENDHIRAN T. G. SINDHUJA G. VETRIVEL	17EIR081 17EIR092 17EIR104	Automatic Marking Bot for Solar Panel Installation	In-house	Mr. D. Selvakathi	30.12.2020	30.12.2020
36.	V. JEEVANANDHAM A. KANYAA D. MANOBALA	17EIR038 17EIR042 17EIR048	Voice controlled wheel chair	In-house	Dr. M. Sasireka	30.12.2020	30.12.2020
37.	K. AFRIN PRANAV R. BANU VIKRAM R. LAKSHMAN RAJ	17EIR003 17EIR009 17EIR045	Liver Diseases Prediction	In-house	Dr. M. Sasireka	30.12.2020	30.12.2020

PROJECT COORDINATOR

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4/4

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