St.Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist)

CIRCULAR

Date: 02-06-2020

All the III-B. Tech I-Sem and IV-B.tech I-Sem Students are here by informedthat the Department of EEE, SJCET is conducting a **Certificate Program** on **"Electric Vehicel s"** The program will held from 07.06.2020-06.07.2020 under the coordination of **Mr K Chitambaraiah Setty**, Asso.Prof and HOD of the EEE department. Interested candidates can enroll their names on or before 05.06.2020. All the registered students must attend the certificate program without fail on the above mentioned dates.

PRINCIPAL

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St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR (M) Kurnool (Dt.) A.P

Co-ordinator, IQAC
St. Johns College of Engineering & Technology
Yemmiganur. Kurnool (Dist.)

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St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

Date: 07.06.2020

Day-Wise-Schedule

Name of the Program: A certificate program on electric vehicle

Academic Year: 2020-2021

Program Duration: 07.06.2020-06.07.2020

Time: 09:30 AM to12:30 PM

S.NO	DAY	DATE	TOPICS
1	Sunday	07.06.2020	Introduction to the origin of electric vehicles
2	Monday	08.06.2020	Key Components of an All-Electric Cars and working principle
3	Tuesday	09.06.2020	The standard for modern battery electric vehicles
4	Wednesday	10.06.2020	EVs lead acid or nickel metal hydride batteries
5	Thursday	11.06.2020	The main types of electric vehicles (EV)
6	Friday	12.06.2020	Battery Electric Vehicles (BEVs)
7	Saturday	13.06.2020	Plug-in Hybrid Electric Vehicles (PHEVs)
8	Monday	15.06.2020	Hybrid Electric Vehicles (HEVs)
9	Tuesday	16.06.2020	EV Fast Charges All Battery Electric Vehicles
10	Wednesday	17.06.2020	Electricity sources for electric vehicles
11	Thursday	18.06.2020	Onboard generators and hybrid EVs
12	Friday	19.06.2020	Onboard storage and chemical batteries for electric vehicles
13	Saturday	20.06.2020	Lithium-ion battery , development and prices
14	Monday	22.06.2020	Electric motor for electric vehicles
15	Tuesday	23.06.2020	DC/AC inverter and types
16	Wednesday	24.06.2020	The benefits and discusses control schemes of the cascade inverter foruse as an EV motor drive

17	Friday	26.06.2020	Fundamental frequency switching, electromagnetic interference (EMI)and common-mode voltage
18	Saturday	27.06.2020	The superiority of these multilevel inverters for electric vehicles
19	Monday	29.06.2020	Vehicle types, kind of vehicle with an electric power-train
20	Tuesday	30.06.2020	Electrically powered spacecraft and its importance
21	Wednesday	01.07.2020	Energy and motors for electric motors
22	Thursday	02.07.2020	Properties of electric vehicles
23	Friday	03.07.2020	Efficiency and estimation of life time of electric vehicles
24	Saturday	04.07.2020	Charging stations for electric vehicles
25	Monday	06.07.2020	Battery swapping and Dynamic charging

COORDINATOR

HOD

H. O. D.
Department of E. E. E.
St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR. Kurnool Dist. (A.P.)

St. Johns College of Engineering & Technology

Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

List of Students

Year/Sem:III-I & IV-I

A Certificat Program on "Electrical Vehicles"

Academic Year:2020-2021

S.NO	ROLL NUMBER	NAME OF THE STUDENT	DEPARTMENT	STUDENT SIGNATURE
1	17G31A0201	ACHHUGATLA MOINBASHA	EEE	A. Moinbasha
2	17G31A0202	BANDA RAJESWARI	EEE	B. Rajeswari
3	17G31A0205	GOWNOLLA MAHENDRA REDDY	EEE	G. Mahendra Reddy
4	17G31A0206	GURRALA VENUGOPAL	EEE	G. Venu Gopal
5	17G31A0210	MASANI RAVIKRISHNA	EEE	M. Ravi Krishna
6	17G31A0212	TAPAL IBRAHIM	EEE	T. Ibrahim.
7	17G31A0213	UPPARA BHUVANA	EEE	U. Bhuvana
8	18G35A0202	GORANTLA VISWANATH	EEE	G. Viswanath
9	18G35A0205	SATABOINA MADHU	EEE	S. Madhu
10	18G35A0206	THALARI GOPI	EEE	T. Gopi
11	18G31A0201	BALIJA NAGARAJU	EEE	B. Nagaraju
12	18G31A0202	BANDARI KARTHIK	EEE	B. Karthik.
13	18G31A0203	DUPATHI RAJESWARI	EEE	D. Rajeshwari
14	18G31A0204	EDIGA ARAVIND KUMAR	EEE	E. Aravind Kumar
15	18G31A0205	GOLLA SHIVA KUMAR	EEE	G. Shiva Kumar
16	18G31A0206	KADiVELLA MALLIKARJUNA REDDY	EEE	K. Mallikarjuna Reddy
17	18G31A0208	KOSIGI THAYANNA	EEE	K. Thayanna
18	18G31A0209	KOTTAM JAIBUN	EEE	K. Jaibun
19	18G31A0210	KURUVA SANDHYA RANI	EEE	K. Sandhya Rani
20	18G31A0211	LAKSHMI GADIGE	EEE	G. Lakshmi
21	18G31A0212	MAKAM SOWMYA	EEE	M. Sowmya.
22	18G31A0213	MADUGUNDU HEMAVATHI	EEE	M. Hemavathi
23	18G31A0217	MANCHALA VENKATESH	EEE	M. Venkatesh
24	18G31A0218	PANDIKONA NARESH	EEE	P. Naresh
25	18G31A0219	PAVITHRA V M	EEE	V. M. Pavithra.
26	18G31A0221	POBBATHI JAYAPRAKASH	EEE	P. Jaya Prakash
27	18G31A0222	PULI RAMAIAH	EEE	P. Ramaiah
28	18G31A0227	YERRAM SIVASANKAR	EEE	Y. Shiva sankar
29	18G31A0228	KRISHNA BRUNDA	EEE	K. Brunda
30	19G35A0201	CHEDDE BALA KRISHNA	EEE	C. Bala Krishna
31	19G35A0202	KURUVA GANESH	EEE	K. Ganesh
32	19G35A0203	MALLEPOGU RAJESH	EEE	M. Rajesh
33	19G35A0204	VAGGA SWAPNA PRIYA	EEE	V. Swapna priya

Co ordinator

HOD

H. O. D.
Department of E. E. E.
St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR, Kurnool Dist. (A.P.)

St. Johns College of Engineering & Technology

Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

DEPARTMENT OF EEE

Date: 06.07.2020

Program Report

Name of the Event: Certificate Program on "Electric Vehicel s".

Date/Duration:(07.06.2020-06.07.2020)/26

Resource Person Details:Mr. C Vijay,Asst. Prof, in Dept. of EEE, BITS, Adoni.

Name of CoordinatorMr K chitambaraiahSetty, Asso.Prof and HOD of the EEE department

Number of Students completed/enrolled: 33/33

Objective of Event:Electricity sources for electric vehicles,The benefits and discusses control schemes of the cascade inverter for use as an EV motor drive

Topics Covered:

- .Key Components of an All-Electric Cars and working principle
- Electricity sources for electric vehicles
- Charging stations for electric vehicles
- Lithium-ion battery , development and prices

Outcome of Program:

- Fundamental frequency switching, electromagnetic interference (EMI) and common-mode voltage
- Other in-development technologies, Safety, Environmental

Program Coordinator

HOD

H. O. D.
Department of E. E. E.
St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR. Kurnool Dist. (A.P.)

St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

CIRCULAR :: DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: **01-06-2020**

All the III-B.Tech I-Sem and IV-B.Tech I-Sem Students are here by informed that the Department of Electronics & Communication Engineering, SJCET is conducting a **Certification Program** on **"Wireless Internet-of-Things(IoT) Communication Trends".** The program will held from 27.06.2020-28.07.2020 under the coordination of **Mr. T Chakrapani**, Assoc.Prof of the department. Interested candidates can enroll their names on or before 03.06.2020.

All the registered students must attend the certificate program without fail on the above mentioned dates.

IQAC

Co-ordinator, IQAC
St. Johns College of Engineering & Technology
Yemmiganur, Kurnool (Dist.)

PRINCIPAL

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 27.06.2020

Day-Wise-Schedule

Name of the Program: **A Certified Program on Wireless Internet-of-Things(IoT) Communication Trends.**

Academic Year: 2020-2021

Program Duration: 27.06.2020 to 28.07.2020 Time: 09:30 AM to 12:30 PM

S.NO	DATE	DAY	TOPICS
1	27-06-2020	Saturday	Brief review on the contents and the importance of the program.
2	29-06-2020	Monday	Cellular Internet of Things
3	30-06-2020	Tuesday	IoT for Industry 4.0
4	01-07-2020	Wednesday	Advances in 5G communication
5	02-07-2020	Thursday	An IoT protocol implementation on wireless sensor network
6	03-07-2020	Friday	Signal Processing and Machine Learning for IoT
7	04-07-2020	Saturday	D2D and MM wave communication
8	06-07-2020	Monday	The Role of Communication Technology in IoT
9	07-07-2020	Tuesday	Security Issues and Challenges in IoT Routing
10	08-07-2020	Wednesday	Emerging technologies in wireless communication industry – demystifying LoRa WAN
11	09-07-2020	Thursday	Deciding communication strategies for IoT solutions
12	10-07-2020	Friday	Techniques to achieve 5G application requirements
13	11-07-2020	Saturday	Evolutionary algorithm for the optimization of wireless networks
14	13-07-2020	Monday	Increasing Prevalence of New Wireless Standards
15	14-07-2020	Tuesday	Adoption Of Wireless Across Verticals
16	15-07-2020	Wednesday	A Drastic Increase In Bandwidth Demand
17	16-07-2020	Thursday	New Approaches To Foster Spectral Efficiency And Radio Coexistence
18	17-07-2020	Friday	Growing Use Of Software-Defined Radio Technologies
19	18-07-2020	Saturday	Things-centric architecture
20	20-07-2020	Monday	Data-centric architecture
21	21-07-2020	Tuesday	Service-centric architecture
22	22-07-2020	Wednesday	standards and protocol stacks
23	23-07-2020	Thursday	standards and protocol stacks
24	24-07-2020	Friday	Network Space Considerations
25	25-07-2020	Saturday	Security and Privacy Concerns

26	27-07-2020	Monday	Visions, Applications and Challenges of the IoT
27	28-07-2020	Tuesday	State-of-the-art reviews on future communication trends and IoT

COORDINATOR

HOD

H.O.D.
Dept. of Electronics & Communication Engineering
St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur-518 360
KURNOOL (Dist)., A.P.

St. JOHNS COLLEGE OF ENGINEERING & TECHNOLOGY

YERRAKOTA, YEMMIGANUR - 518 360, KURNOOL (Dist.) A.P.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

List of Students

Year/Sem: IV-I

A Certificate Program on "Wireless Internet-of-Things(IoT) Communication Trends"

Academic Year:2020-2021

S.l.no	Roll No.	Name of the Student	Department	Student Signature
1	17G31A0401	ADIKI MADHU SREE	E.C.E	Madhu Srec
2	17G31A0402	ALAGANURU YASHWANTH	E.C.E	A.Yashwanth
3	17G31A0403	AMARAI ELLURU VIJAY KUMAR	E.C.E	Vijay kumar
4	17G31A0404	ANUMA UHA SREE	E.C.E	A. Uhasree
5	17G31A0405	ATAGARA JAYASREE RANI	E.C.E	Jayasree Rani
6	17G31A0407	B YAMUNA	E.C.E	B Yamuna
7	17G31A0410	BANDI AMRUTHA	E.C.E	Amrutha
8	17G31A0411	BELEHAL VYSHNAVI	E.C.E	Vyshnavi
9	17G31A0412	BHEEMANA PALLI SHIRISHA	E.C.E	Shirisha
10	17G31A0413	BOYA DEVI BHAVANI	E.C.E	Bhavani
11	17G31A0414	BOYA NEELAVENI	E.C.E	Neelaveni
12	17G31A0415	BOYA SHASHIKANTH	E.C.E	Shashikanth
13	17G31A0416	BUGUDE PREETHI	E.C.E	B. Preethi
14	17G31A0417	CHAKALI BHARATHI	E.C.E	Bharathi
15	17G31A0418	CHAKALI LATHA	E.C.E	Latha
16	17G31A0419	CHAKALI THULASI	E.C.E	Thulasi
17	17G31A0420	CHEDDE KARTHIK	E.C.E	Karthik
18	17G31A0421	CHILAKALA VASAVIKA	E.C.E	Chilakala Vasavika
19	17G31A0422	DARI AISHWARYA	E.C.E	Aishwarya
20	17G31A0423	DASARI ANUSHA	E.C.E	Anusha
21	17G31A0424	DIWAN MOHAMMED MALIK	E.C.E	Diwan Mohammed
22	17G31A0425	ELLURU HANUMANTHU SETTY	E.C.E	Hanumanthu Setty
23	17G31A0426	VADDE NARENDRA	E.C.E	V. Narendra
24	17G31A0427	GADIGE AJAY	E.C.E	G. Ajay
25	17G31A0428	GADIGE JYOSHNA	E.C.E	Jyoshna
26	17G31A0429	GOLLA PARUSHU RAMUDU	E.C.E	Golla Parushu
27	17G31A0430	GONTLA SAHITHI	E.C.E	Gontla Sahithi
28	17G31A0431	GOVINDA REDDY GARI MANASA	E.C.E	Gari Manasa
29	17G31A0432	GUMMULLA SAI TEJA	E.C.E	Sai Teja
30	17G31A0433	GURRALA SANDHYA	E.C.E	Gurrala Sandya
31	17G31A0434	HOSURU LEELAVATHI	E.C.E	Leelavathi
32	17G31A0435	J PAVANKUMAR	E.C.E	Pavan
33	17G31A0436	JERUBANDI MOUNIKA	E.C.E	Mounika

Year/Sem: IV-I

A Certificate Program on "Wireless Internet-of-Things(IoT) Communication Trends"

Academic Year:2020-2021

S.l.no	Roll No.	Name of the Student	Department	Student Signature
34	17G31A0437	KALIGHER MOHAMMED SIRAJVALI	E.C.E	K. Sirajvali
35	17G31A0438	KAMARTHI SRINATH	E.C.E	K. SriNath
36	17G31A0439	KANIKE PALLAVI	E.C.E	Pallavi
37	17G31A0441	KARRE ANNAPURNA	E.C.E	Kareed Anu
38	17G31A0442	KOLIMI SUHANA BEGAM	E.C.E	K. Suhana Begam
39	17G31A0444	KONDAPURI ANJUM	E.C.E	K. ANJUM
40	17G31A0445	KURUVA MALLESH	E.C.E	K. Mallesh
41	17G31A0446	MADHUGUNDU JAYASREE	E.C.E	M. jayashree
42	17G31A0447	MALA GANESH	E.C.E	Ganesh
43	17G31A0448	MALEKAR PAVITHRA	E.C.E	M. pavithra
44	17G31A0449	MOHAMMED NOORULLA FAROOQI	E.C.E	M. Farooqi
45	17G31A0450	N GHOUSE BASHA	E.C.E	Ghouse Basha
46	17G31A0451	NAGAMALLI THULASI	E.C.E	N. thulasi
47	17G31A0452	NAGELLI RAJASREE	E.C.E	N. Rajasree
48	17G31A0453	NESE SWETHA	E.C.E	N. Swetha.
49	17G31A0454	PALYAM KEERTHI	E.C.E	Keerthi
50	17G31A0455	PINJARI SUBHAN	E.C.E	P. SUBHAN
51	17G31A0456	POTLAPATI BHAVITHA	E.C.E	Bhavitha
52	17G31A0457	PULIPATI CHAKRAVARTHI	E.C.E	chakravarthi
53	17G31A0458	PYAPALI BAVANA	E.C.E	pyapali bavana
54	17G31A0459	RAMESH PRAVEENKUMARREDDY	E.C.E	Praveenkumar
55	17G31A0460	REDDY MOUNIKA	E.C.E	D. mounika
56	17G31A0461	SAKLURI YOGESH	E.C.E	Yogesh
57	17G31A0462	SHAIK NOOR AHMED	E.C.E	S. Ahmed
58	17G31A0463	SUGURU SARITHA	E.C.E	Suguru Saritha.
59	17G31A0464	SURE VINAY KUMAR	E.C.E	S. Vinay kumar
60	17G31A0465	THAKUR SAIRAM SINGH	E.C.E	T. Sairam singh
61	17G31A0466	UPPARA ANASUYA	E.C.E	Anasuya
62	17G31A0467	UPPARA MALLESWARI	E.C.E	Malleswari
63	17G31A0468	UPPARA MUNDARINTI SAI JYOTHI	E.C.E	U. Sai jyothi
64	17G31A0470	V USHA RANI	E.C.E	V. Usha rani
65	17G31A0472	VASA TEJASRI	E.C.E	V. Tejasri
66	17G31A0473	JOGI SUMITRA	E.C.E	J. Sumitra
67	18G35A0401	B KARTHIK	E.C.E	B. karthik
68	18G35A0402	BANDA LAVANYA	E.C.E	B. Lavanya
69	18G35A0403	KALLUR MANGALE RAVINDRA	E.C.E	K. Ravindra.
70	18G35A0404	MALA SEKHAR	E.C.E	Sekhar.

Year/Sem: IV-I

A Certificate Program on "Wireless Internet-of-Things(IoT) Communication Trends"

Academic Year:2020-2021

S.I.no	Roll No.	Name of the Student	Department	Student Signature
71	16G31A0401	AREKANTI LOKANATH	E.C.E	A. Lokanath
72	16G31A0412	GENDAM GOUSEMOHAMMED	E.C.E	Gousc
73	16G31A0441	UPPARA NAVEEN KUMAR	E.C.E	Naveen Kumar

Co-ordinator

HOD

H.O.D.
Dept. of Electronics & Communication Engineering
St. Johns College of Engineering & Technology
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St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 28.07.2020

Program Report

Name of the Event:A Certified Program on Wireless Internet-of-Things(IoT) Communication Trends

Date/Duration:27.06.2020 to 28.07.2020/ 27 Days

Resource Person Details: Mr. I.V.Rameswara Reddy

Name of Coordinator: Mr. T Chakrapani

Number of Students completed/enrolled:73

Objective of Event:

- Evolutionary algorithm for the optimization of wireless networks
- Emerging technologies in wireless communication industry – demystifying LoRa WAN

Topics Covered:

- Visions, Applications and Challenges of the IoT
- Growing Use Of Software-Defined Radio Technologies

Outcome of Program:

- State-of-the-art reviews on future communication trends and IoT
- An IoT protocol implementation on wireless sensor network

Program Coordinator

HOD

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St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

CIRCULAR:: DEPARTMENT OF CIVIL ENGINEERING

Date: 25.11.2020

All the III-B.Tech I-Sem and IV-B.Tech I-Sem Students are here by informed that the Department of Civil Engineering, SJCET is conducting "A **Certificate Program** on **"Structural Design of Hydraulic Precast Buildings Using ETABS".** The program will held from 05.12.2020-31.12.2020 under the coordination of **Mr. C. Nagaraju**, Asst.Prof of the department. Interested candidates can enroll their names on or before 04.12.2020. All the registered students must attend the certificate program without fail on the above mentioned dates.

IQAC

Co-ordinator, IQAC
St. Johns College of Engineering & Tecnology
Yemmiganur. Kurnool (Dist.)

PRINCIPAL

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DEPARTMENT OF CIVIL ENGINEERING

Date:05.12.2020

Day-Wise-Schedule

Name of the Program: **A Certificate Program on Structural Design of Hydraulic Precast Buildings Using ETABS**

Academic Year: 2020-2021

Program Duration: 05.12.2020-31.12.2020 Time: 09:30 AM to 12:30 PM

S.NO	DAY	DATE	TOPICS
1	Saturday	05.12.2020	Basic Introduction of Codes, Inputs & Software
2	Monday	07.12.2020	Architectural plan, location, usage & substructure information of a Building
3	Tuesday	08.12.2020	Brief about the structural codes to be used IS 456, IS 1893, IS 13920, IS 15916, PCI reference & software to be used.
4	Wednesday	09.12.2020	Concept Design- work with architectural plan & prepare the structural framing at different levels, understanding & establishing of loads.
5	Thursday	10.12.2020	Concept Design- Precast- Break down of the structural elements to feasible precast members, understanding various precast elements.
6	Friday	11.12.2020	Introduction to various type of precast elements.
7	Saturday	12.12.2020	Identifying all the forces to be considered for the analysis & calculations for wind, snow & earthquake loads
8	Monday	14.12.2020	Understanding of IS 1893 (Static & Dynamic Methods)
9	Tuesday	15.12.2020	Load combinations, strength & serviceability parameters, progressive collapse.
10	Wednesday	16.12.2020	Load combinations as per IS 456 & IS 1893 for precast members
11	Thursday	17.12.2020	Progressive collapse introduction & prevention system for building
12	Friday	18.12.2020	Analytical model for the precast building in ETABS
13	Saturday	19.12.2020	Setting up, Geometry of the analytical model as per framing plan
14	Monday	21.12.2020	Preliminary sizing, section, support, connection parameters of the structural members & DBR preparation
15	Tuesday	22.12.2020	Behaviour of the analytical model-checking, deflected shapes under various load cases, base reactions, uplifts, story drifts etc.
16	Wednesday	23.12.2020	Foundation design of the building & precast element design
17	Thursday	24.12.2020	Design for Reinforced precast slabs, beams, columns & concrete walls.
18	Saturday	26.12.2020	Design of various precast elements-sandwich, double, battery, cavity walls
19	Monday	28.12.2020	Design of precast connections-Identifying & computing connection forces from analytical model, schematic design of precast connection & connection sketches.
20	Tuesday	29.12.2020	Detailed connection design for various connections- wall horizontal, vertical, foundation, slabs, column, beam, balcony slab.

21	Wednesday	30.12.2020	Diaphragm design & Robustness- design for semi rigid diaphragm for precast deck.
22	Thursday	31.12.2020	Preparation of reinforcement details for cast on site reinforcement.

COORDINATOR

HOD

HOD
Civil Engineering Department
St. Johns College of Engg. & Tech., Yerrakota

St. JOHNS COLLEGE OF ENGINEERING & TECHNOLOGY

YERRAKOTA, YEMMIGANUR - 518 360, KURNOOL (Dist.) A.P.

DEPARTMENT OF CIVIL ENGINEERING

List of Students

Year/Sem: III-I & IV-I

A Certificate Program on "Structural Design of Hydraulic precast Buildings Using ETABS"

Academic Year:2020-2021

S.l.no	Roll No.	Name of the Student	Department	Student Signature
1	17G31A0101	AGNUR SUDHEER KUMAR	CE	
2	17G31A0102	BHARPET MOHAMMED AYAZ	CE	
3	17G31A0103	BOYA ASHOK	CE	
4	17G31A0104	C S MD TALHA BASHA	CE	
5	17G31A0105	EDIGA VENU GOPAL	CE	
6	17G31A0106	GAJULA YUVARAJ	CE	
7	17G31A0107	GOLA DASTHAGIRI	CE	
8	17G31A0108	GOLLA NAGARAJU	CE	
9	17G31A0109	GORANTLA RAVI TEJA	CE	
10	17G31A0110	GULLAMORUSU SEKHAR	CE	
11	17G31A0111	JAMPULA MAHENDRA	CE	
12	17G31A0112	KURUVA RAMESH	CE	
13	17G31A0113	KURUVA SUPRIYA	CE	
14	17G31A0114	MULLA NABI RASOOL	CE	
15	17G31A0116	PINJARI SHAKEELA BANU	CE	
16	17G31A0117	POTHUGANTI BALAKRISHNA	CE	
17	17G31A0119	S P UPENDRA KUMARREDDY	CE	
18	17G31A0120	THATTE NAGARAJU	CE	
19	17G31A0121	VADDE VEERA KUMAR	CE	
20	18G35A0101	ANNAJIGARI YOGESWARA REDDY	CE	
21	18G31A0101	ALUKUNTA RAM CHARAN TEJA	CE	
22	18G31A0102	BANDARI RAJU	CE	
23	18G31A0103	BANNELA RAVI KUMAR	CE	
24	18G31A0104	CHAKALI HARIKRISHNA	CE	
25	18G31A0105	EDIGA KRISHNA KUMAR GOUD	CE	
26	18G31A0106	G ABDULLA	CE	
27	18G31A0107	GARGI VIJAY KUMAR	CE	
28	18G31A0109	HOLAGUNDA RUDRA GOWD	CE	
29	18G31A0110	JAMEDAR IBRAHIMKHALILULLA	CE	
30	18G31A0111	KAKA KIRAN KUMAR	CE	
31	18G31A0112	KANDOLI SEKHAR	CE	
32	18G31A0113	KARANAM RANJITH KUMAR	CE	
33	18G31A0114	KSHIRASAGARE KARTHIK	CE	

Year/Sem: III-I & IV-I

A Certificate Program on "Structural Design of Hydraulic precast Buildings Using ETABS"

Academic Year:2020-2021

S.l.no	Roll No.	Name of the Student	Department	Student Signature
34	18G31A0116	KURUVA MAHESH	CE	K. Mahesh
35	18G31A0117	MANTHA LAKSHMINARAYANA	CE	M. Lakshmi Narayana
36	18G31A0118	MEKALA CHARLES	CE	M. Charles
37	18G31A0119	MUDDAPPAGARI RAMESH	CE	M. Ramesh
38	18G31A0120	NANDIKOLA JITHENDRA KUMAR	CE	N. Jithendra Kumar
39	19G35A0103	BUDHARAPU NEHA GURUSWAMI	CE	Neha
40	19G35A0104	GAJENDRAGAD AKHILESH	CE	G. Akhilesh
41	19G35A0105	GANAPATHI SEKHAR NAIK	CE	G. Sekhar Naik
42	19G35A0106	GOLLA RAJASEKHAR	CE	G. Rajasekhar
43	19G35A0107	GONEGANDLA SRIKANTH	CE	G. Srikanth
44	19G35A0108	M S GANESH	CE	M.S. Ganesh
45	19G35A0111	PANDILA DURGA	CE	P. Durga

Co-ordinator

HOD

HOD
Civil Engineering Department
St. Johns College of Engg. & Tech., Yer...

St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

DEPARTMENT OF CIVIL ENGINEERING

Date: 02.01.2021

Program Report

Name of the Event: A Certificate Program on Structural Design of Hydraulic Precast Buildings Using ETABS

Date/Duration:05.12.2020-31.12.2020/ 22 DAYS

Resource Person Details: Mr. S. Sudheer Kumar

Name of Coordinator: Mr. C. Nagaraju

Number of Students completed/enrolled: 45

Objective of Event:

- To model a Building by using ETABS
- Element design of structural members
- Connection design of precast connections like sketches
- Complete calculation report of the Building.

Topics Covered:

- Basic introduction for codes, inputs, software.
- Concept design for precast members.
- Force calculations & Load combinations, strength, serviceability parameters, progressive collapse of elements
- Behaviour & Analytical model for the precast building in ETABS
- Foundation design of the building & various precast elements design & connections.

Outcome of Program:

- Interpretation of framing plans to develop the analytical model
- Preparation of analytical model in ETABS Geometry, loads & analyzing the structural behaviour of the model
- Checking the deflections, reaction uplift, story drifts in analytical model
- Element design of every structural member & design for precast connections

Program Coordinator

HOD

HOD
Civil Engineering Department
St. Johns College of Engg. & Tech., Yerrakota

St. Johns College of Engineering & Technology

Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

CIRCULAR :: DEPARTMENT OF MECHANICAL ENGINEERING

Date: 04.12.2020

All the III-B.Tech I-Sem and IV-B.Tech I-Sem Students are here by informed that the Department of Mechanical Engineering, SJCET is conducting "A **Certificate Program** on **"Advancements and Current Trends of Mechanical Engineering".** The program will held from 14.12.2020-18.01.2021 under the coordination of **Mr. A Naresh Kumar**, Assistant Professor. Interested candidates can enroll their names on or before 11.12.2020. All the registered students must attend the certificate program without fail on the above mentioned dates.

IQAC

Co-ordinator, IQ
St. Johns College of Engineering ... ...ology
Yemmiganur. Kurnool (Dist.)

PRINCIPAL

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St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR (M) Kurnool (Dt.) A.P.

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St. Johns College of Engineering & Technology

Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 14.12.2020

Day-Wise-Schedule

Name of the Program: **A Certified Program on "Advancements and Current Trends of Mechanical Engineering"**

Academic Year:2020-2021

Program Duration: 14.12.2020-18.01.2021 Time: 10:00 AM to 01:00 PM

S.NO	DAY	DATE	TOPICS
1	Monday	14.12.2020	Interconnected Machines
2	Tuesday	15.12.2020	Internet of Things
3	Wednesday	16.12.2020	Industry 4.0
4	Thursday	17.12.2020	Digital Manufacturing
5	Friday	18.12.2020	Bio-Medical Engineering
6	Saturday	19.12.2020	Green Manufacturing
7	Monday	21.12.2020	Nano-Technology
8	Tuesday	22.12.2020	Alternative Energy(Solar energy and Other Renewable energies)
9	Wednesday	23.12.2020	Mechatronics
10	Thursday	24.12.2020	Robotics
11	Monday	28.12.2020	Smart Materials/Composites
12	Tuesday	29.12.2020	Automation and Intelligent System
13	Wednesday	30.12.2020	CAD CAM Sustainability
14	Thursday	31.12.2020	Manufacturing Optimization
15	Saturday	02.01.2021	Project Management
16	Monday	04.01.2021	Cryogenics
17	Tuesday	05.01.2021	4D Printing Technology
18	Wednesday	06.01.2021	Beamed Energy Propulsion
19	Thursday	07.01.2021	Autonomous Vehicle
20	Friday	08.01.2021	Fuel-Efficient Engine Technologies
21	Saturday	09.01.2021	High-Speed Machining
22	Monday	11.01.2021	Advances in Gas Turbine Technology
23	Tuesday	12.01.2021	Stir Friction Welding
24	Monday	18.01.2021	Advances in Heating, Ventilation and Air Conditioning

COORDINATOR

HOD

H. O. D.
Department of Mechanical Engg
St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR, Kurnool Dist., A.P.

St. JOHNS COLLEGE OF ENGINEERING & TECHNOLOGY

YERRAKOTA, YEMMIGANUR - 518 360, KURNOOL (Dist.) A.P.

DEPARTMENT OF MECHANICAL ENGINEERING

List of Students

Year/Sem: III-I & IV-I

A Certificate Program on "Advancements and Current Trends of Mechanical Engineering"

Academic Year:2020-2021

S.No.	Roll No.	Name of the Student	Department	Student Signature
1	17G31A0301	BADINEHAL SANDEEP	ME	B. Sandeep
2	17G31A0302	BIBARI MD SHAHID AFRIDI	ME	BMD. Afridi
3	17G31A0303	C GAZAN FAR	ME	C. Gazan
4	17G31A0304	CHAKALI LOKESH	ME	C. Lokesh
5	17G31A0305	CHIKKAM HEMANTH KUMAR	ME	C. Hemanth
6	17G31A0306	EDIGA SARATH KUMAR	ME	E. Sarath
7	17G31A0307	GANAMALA SURENDRA	ME	G. Surendra
8	17G31A0308	GOLLA SAI PAVAN	ME	G. Sai Pavan
9	17G31A0309	K MANJUNATHA	ME	K. Manjunath
10	17G31A0310	KATTE SUMYUKTHA	ME	K. Sumyuktha
11	17G31A0311	KUMMARA NARASIMHA	ME	K. Narasimha
12	17G31A0312	KYRAVADI ANILKUMAR	ME	K. Anil kumar
13	17G31A0313	M SHAIBAZ	ME	M. Shaibaz
14	17G31A0314	MALLEPOGU SURENDRA	ME	M. Surendra
15	17G31A0315	MONE SHANMUKHA	ME	M. Shanmukha
16	17G31A0316	MURARI ARUNAPRATHAPREDDY	ME	M. Arun
17	17G31A0317	PAGIDALA NARESH BABU	ME	P. naresh
18	17G31A0318	PASEDDULA CHANDRANNA	ME	P Chandu
19	17G31A0319	PEDDAGOWDLA BHASKAR REDDY	ME	P. Bhasker
20	18G35A0301	A RAGHUNATH	ME	A. Raghunath
21	18G35A0302	A SANDEEP	ME	A. Sandeep
22	18G35A0303	AKULA VIRUPAKSHI	ME	A. Virupakshi
23	18G31A0301	B SAJID	ME	B. Sajid
24	18G31A0302	BOYA ROGANNAGARI CHANDRASEKHAR	ME	B.R. Chandrasekhar
25	18G31A0303	BUGUDE VENKATESH	ME	B. Venkatesh
26	18G31A0304	CHEDDI VASU	ME	C. vasu
27	18G31A0305	CHRIST VICTOR EMMANUEL CEPHA	ME	C. Chepa
28	18G31A0307	GANJAHALLI KURUVA ERANNA	ME	G. Eranna
29	18G31A0308	KAMARTHI SAI MOHAN	ME	K. Saimohan
30	18G31A0310	KONDAMEEDA MOHAMMED IMRAN ALI	ME	K M D Imran Ali
31	18G31A0311	KONGATHI SATISH CHANDRA	ME	K. Sathish Chandra
32	18G31A0312	KONIDELA RAJA MANOHAR	ME	K. Raja manohar
33	18G31A0313	KURAKULA PRANAY VIJAY CHANDRA	ME	K. Vijay chandra

Year/Sem: III-I & IV-I

A Certificate Program on "Advancements and Current Trends of Mechanical Engineering"

Academic Year:2020-2021

S.No.	Roll No.	Name of the Student	Department	Student Signature
34	18G31A0315	MADIGA VIJAY KUMAR	ME	M. Vijay kumar
35	18G31A0316	MEHTAR SHOAIB MALIK	ME	M. Shoaib malik
36	18G31A0317	MONE HARINATH	ME	M. Harinath
37	18G31A0318	P ASIF PASHA	ME	P. ASIF PASHA
38	18G31A0319	T SAI VEERA	ME	T. Sai Veera
39	18G31A0321	TUMBALABEEDU HARSHAVARDAN	ME	T. Harsha
40	18G31A0322	UPPARA YERRAGUDLA NARENDRA	ME	U. Y. Narendra
41	18G31A0323	VALEKARI RAMU	ME	V. Ramu
42	18G31A0325	VIJAY KUMAR MADRI	ME	M. V. Kumar
43	19G35A0301	CARPENTOR MOHAMMED USAMA	ME	C. Md. Usama
44	19G35A0302	EDIGA ARUN	ME	E. Arun
45	19G35A0303	ETHAKAYALA MAHESH	ME	E. Mahesh
46	19G35A0304	JANGAM VAMSI	ME	J. vamsi
47	19G35A0305	M JAGADISH	ME	M. Jagadish
48	19G35A0306	M MUHAMMED TAWHEED	ME	M. Tawheed
49	19G35A0308	MANDULA GANESH	ME	M. Ganesh
50	19G35A0309	MULLA SHAIKSHA VALI	ME	M.
51	19G35A0310	PUGGI MANJUNATHSWAMY	ME	manjunath
52	19G35A0311	S K M CHENNA VEERESH SWAMY	ME	S K M
53	19G35A0312	SIDDANAGOWDA MURALIKRISHNAGOWD	ME	Murali
54	19G35A0313	UPPARA RAJESH	ME	U. Rajesh
55	19G35A0314	UPPARA SUNIL KUMAR	ME	U. Sunil Kumar

Co-ordinator

HOD

H. O. D.
Department of Mechanical Engg.
St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR, Kurnool Dist. (A.P.)

DEPARTMENT OF MECHANICAL ENGINEERING

Date:21.01.2021

Program Report

Name Of the Event:A Certification Program On"Advancements and Current Trends of Mechanical Engineering"

Date/Duration:14.12.2020 to 18.01.2021 (1 Month)

Resource Person Details: Mr.U Y Suresh babu, Assistant Professor, ME, Cell:9703027519

Name of Coordinator: Mr. A Naresh Kumar, Assistant Professor, ME, Cell: 9966642416

Number of Students completed/enrolled: 52/55

Objective of Event:To provide basic and advances in Mechanical Engineering and Informatics, applicable in practical life.To outline recent developments in industrial engineering and management and their scopes.To contribute to the creation, transmission and application of knowledge.To do research and publications of international standard in inter-disciplinary areas.

Topics Covered: Interconnected Machines, Internet of Things, Digital Manufacturing, Bio-Medical Engineering, Green Manufacturing, Nano-Technology, Mechatronics, Smart Materials/Composites, Automation and Intelligent System, CAD CAM Sustainability, Manufacturing Optimization, Cryogenics, 4D Printing Technology, Beamed Energy Propulsion, Autonomous Vehicle, High-Speed Machining, Stir Friction Welding, Advances in Heating, Ventilation and Air Conditioning.

Outcome of Program:Thetheory, practical experiences and relevant soft skills associated with this program are to be taught and implemented, so that the student demonstrates the following:

a. Can learn different machineries in industry.
b. Identify different new systems available in automobile.
c. Apply heat engineering principles in process boilers and waste heat recovery systems used in process industry
d. Cite examples of modern manufacturing technology in industry
e. Use different standards for energy management and audit of a given system

Program Coordinator

HOD

H. O. D.
Department of Mechanical Engg.
St. Johns College of Engineering & Technology
Yerrakota YEMMIGANUR. Kurnool Dist. (A.P.)

St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

CIRCULAR

Date: **17.12.2020**

All the IV-B.Tech I-Sem Students are here by informed that the Department of Computer Science and Engineering, SJCET is conducting a Certificate program on **"Artificial Neural Networks Deep Learning".** The program will held from 23.12.2020-18.01.2021 under the coordination of **Mr. T. Abdul Raheem**, Asst.Prof of the CSE department. Interested candidates can enroll their names on or before 22.12.2020. All the registered students must attend the certificate program without fail on the above mentioned dates.

IQAC

Co-ordinator, IQAC
St. Johns College of Engineering & Tecnology
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Date: 23.12.2020

Day-Wise-Schedule

Name of the Program:"**Artificial Neural Networks Deep Learning"**

Academic Year: 2020-2021

Program Duration: 23.12.2020 - 18.01.2021 Time:09:30AM to 12:30PM

S.NO	DAY	DATE	TOPICS
1	Wednesday	23.12.2020	Intro to machine learning and neural networks: supervised learning
2	Thursday	24.12.2020	linear models for regression, basic neural network structure, simple examples and motivation for deep networks
3	Saturday	26.12.2020	Lab 0: intro to tensorflow, simple ML examples.
4	Monday	28.12.2020	Maybe include exercises for a small assignment to be handed in
5	Tuesday	29.12.2020	Neural networks: forward propagation, cost functions, error backpropagation
6	Wednesday	30.12.2020	training by gradient descent,
7	Saturday	02.01.2021	bias/variance and under/overfitting
8	Monday	04.01.2021	bias/variance and under/overfitting. regularization.
9	Tuesday	05.01.2021	Lab 1: neural networks. Exercises on NNs,
10	Wednesday	06.01.2021	solving a problem with NNs on tensorflow.
11	Thursday	07.01.2021	Students should have studied at home and started working on the assignment.
12	Friday	08.01.2021	Convolutional Neural Networks
13	Saturday	09.01.2021	Lab 2: convolutional networks. Exercises on CNNs
14	Monday	11.01.2021	solving a problem with CNNs on tensorflow
15	Tuesday	12.01.2021	Students should have studied at home and started working on the assignment. (1 sessions)
16	Wednesday	13.01.2021	Recurrent Neural Networks
17	Thursday	14.01.2021	Lab 3: recurrent networks. Exercises on RNNs,
18	Friday	15.01.2021	solving a problem with RNNs on tensorflow.
19	Saturday	16.01.2021	Final project
20	Monday	18.01.2021	Possibly: limitations of deep learning (e.g. data-hungry), results are at most as good as the data, ethical issues, advanced topics.

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YERRAKOTA, YEMMIGANUR - 518 360, KURNOOL (Dist.) A.P.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

List of Students

Year/Sem: IV-I

A Certificate Program on "Artificial Neural Networks Deep Learning"

Academic Year:2020-2021

S.l.no	Roll No.	Name of the Student	Department	Student Signature
1	17G31A0501	BARU ANITHA	CSE	B. Anitha
2	17G31A0502	BAKKAR MOHAMMED SAMEER	CSE	B Mdsameer
3	17G31A0503	BESTA AMULYA	CSE	Amulya
4	17G31A0504	BHUTA HARSHA KUMAR	CSE	Harsha kumar
5	17G31A0505	C SANGEETHA	CSE	Sang
6	17G31A0506	CHAKALI KRISHNAVENI	CSE	C. krishnaveni
7	17G31A0507	DANDALA KARTHEEK	CSE	Vidyasree
8	17G31A0509	G VIDYA SREE	CSE	G. Vidya sree
9	17G31A0510	GADDAM SREEVANI	CSE	Sreevani
10	17G31A0511	GADIGE KOKILA	CSE	G. Kokila
11	17G31A0512	GATTU SHAISTHA JABEEN	CSE	G. shaistha jabeen
12	17G31A0513	GONE SAILAJA	CSE	Sailaja
13	17G31A0514	K PRUTHVI RAJ KUMAR REDDY	CSE	Raj kumar
14	17G31A0516	KAMMARI SUPRIYA	CSE	K Supriya
15	17G31A0517	KARRE ANITHA	CSE	Anitha
16	17G31A0518	KUMMARI UMA MAHESWARI	CSE	Nandilei
17	17G31A0519	KUSURU NANDINI	CSE	K. Nandini
18	17G31A0520	KURUVA SIREESHA	CSE	K. Sireesha
19	17G31A0521	MALEKAR VIJAYKUMAR	CSE	Vijay Kumar
20	17G31A0522	MAREMMAGARI KRISHNAVENI	CSE	Krishnaveni
21	17G31A0523	MATHADA DARSHAN	CSE	Darshan
22	17G31A0524	MEKALA BHAVIKA	CSE	Bhavika
23	17G31A0525	MOHAMMED WASEEM	CSE	waseem
24	17G31A0526	MOHASILDAR NADEEMNAWAZ	CSE	Nadeemnawaz
25	17G31A0527	NEELAM VINEETH KUMAR	CSE	Kumar
26	17G31A0528	PALAKOMMA PRASAD	CSE	Prasad
27	17G31A0529	RAYADURG MOHAMMED ASIF	CSE	Asif
28	17G31A0530	S AKHIL	CSE	Akhil
29	17G31A0531	SAGROTI ANJUM TABASSUM	CSE	S. Anjum Tabassum
30	17G31A0532	SAKARAY KORI SUDHEER SAGAR	CSE	sudheer sagar
31	17G31A0533	SANTRAJ KHAJABASHA	CSE	KHAJA BASHA
32	17G31A0534	TAMBALA ARUNA	CSE	Aruna
33	17G31A0535	TINKAR MOHAMMED SOHAIL	CSE	T. Mohammed Sohail

Year/Sem: IV-I

A Certificate Program on "Artificial Neural Networks Deep Learning"

Academic Year:2020-2021

S.l.no	Roll No.	Name of the Student	Department	Student Signature
34	17G31A0536	TURRUMTURRI MOHAMMED ZIAUDDIN	CSE	
35	17G31A0537	V KOMALA DEVI	CSE	
36	17G31A0538	SESHAM RANGA NIVEDITHA	CSE	
37	16G35A0501	MAILE VANESHRI TULSIDAS	CSE	
38	16G31A0510	JANDE RUKSANA	CSE	
39	16G31A0547	MUHAMMED ALI	CSE	
40	16G31A0554	RAJSHEKAR	CSE	
41	16G31A0542	KAVITHA	CSE	
Co-ordinator				HOD

St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

DEPARTMENT OF CSE

Date: 21.01.2021

Program Report

Name of the Event:"Certificate Program on Artificial Neural Networks Deep Learning"

Date/Duration: 23.12.2020 to 18.01.2021 / 20 Days

Resource Person Details: Mr. P. Ramesh Rao, Assot.Prof, PVKK, Ananthapur.

Name of Coordinator: Mr. T. Abdul Raheem, Asst.Prof, SJCET.

Number of Students completed/enrolled: 41

Objective of Event:

- Understand generic machine learning terminology
- Understand motivation and functioning of the most common types of deep neural networks
- Understand the choices and limitations of a model for a given setting
- Apply deep learning techniques to practical problems.
- Write reports in which results are assessed and summarized in relation to aims, methods and available data

Topics Covered:

- Intro to machine learning and neural networks.
- Neural networks.
- Convolutional Neural Networks.
- Recurrent Neural Networks
- Final project

Outcome of Program:

- Deep learning, unlike traditional machine learning and data mining algorithms, can produce extremely high-level data representations from enormous amounts of raw data.
- As a result, it has provided an excellent solution to a variety of real-world problems.
- A successful deep learning technique must possess the relevant data-driven modeling depending on the characteristics of raw data.

Program Coordinator

HOD

H.O.D.
DEPARTMENT OF CSE
St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR. Kurnool Dist. (A.P.)

St.Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist)

CIRCULAR

Date: 05-12-2020

All the III-B.Tech I-Sem and IV-B.tech I-Sem Students are here by informedthat the Department of EEE, SJCET is conducting a **Certificate Program** on **"power system & solar panel"**. The program will held from 12.12.2020-14.01.2021 under the coordination of **Mr P Pedda reddy**, Asst.Prof of the EEE department. Interested candidates can enroll their names on or before 08.12.2020. All the registered students must attend the certificate program without fail on the above mentioned dates.

Co-ordinator, IQAC
St. Johns College of Engineering & Tecnology
Yemmiganur. Kurnool (Dist.)

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Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

Date: 12.12.2020

Day-Wise-Schedule

Name of the Program: A certificate program on power systems and solar panels

Academic Year: 2020-2021

Program Duration: 12.12.2020-14.01.2021 Time: 09:30 AM to 12:30 PM

S.NO	DAY	DATE	TOPICS
1	Saturday	12.12.2020	Introduction and The technology to convert sunlight into electricity
2	Monday	14.12.2020	The main components of a solar power system
3	Tuesday	15.12.2020	Solar Photovoltaic (PV) panels and construction
4	Wednesday	16.12.2020	Solar Racking and mounting systems
5	Thursday	17.12.2020	Performance of monitoring systems
6	Friday	18.12.2020	Mainstream technologies for solar panels
7	Saturday	19.12.2020	Concentrated solar power, Hybrid systems
8	Monday	21.12.2020	CPV/CSP system
9	Tuesday	22.12.2020	Development and deployment
10	Wednesday	23.12.2020	Photovoltaic power stations, Concentrating solar power stations
11	Thursday	24.12.2020	Current installation prices, Cost per watt
12	Saturday	26.12.2020	Productivity by location, influenced by latitude and climate.
13	Monday	28.12.2020	The cost of photovoltaic electricity, Grid parity
14	Tuesday	29.12.2020	Self consumption of solar energy
15	Wednesday	30.12.2020	Energy pricing and incentives and incentive mechanisms
16	Thursday	31.12.2020	Solar Renewable Energy Credits (SRECs) and market mechanism

17	Friday	01.01.2021	Grid integration , combination of grid interconnections, energy storage or demand side management.
18	Saturday	02.01.2021	Common battery technologies used in today's home PV systems
19	Monday	04.01.2021	The combination of wind and solar PV
20	Tuesday	05.01.2021	Emerging technologies, Concentrator photovoltaics, Floatovoltaics
21	Wednesday	06.01.2021	Solar updraft tower, Perovskite solar cells
22	Thursday	07.01.2021	Solar cell efficiencies of laboratory-scale devices
23	Friday	08.01.2021	List of solar thermal power stations, List of energy storage projects, and List of photovoltaic power stations
24	Saturday	09.01.2021	Solar vehicle, Solar lamp, many applications.
25	Monday	11.01.2021	Timeline of solar cells and its developments
26	Tuesday	12.01.2021	Environmental effects, Greenhouse gases
27	Wednesday	13.01.2021	Manufacturing and recycling
28	Thursday	14.01.2021	Conclusion of power systems and solar panels

COORDINATOR

HOD

H. O. D.
Department of E. E. E.
St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR. Kurnool Dist. (A.P.)

St. Johns College of Engineering & Technology

Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

List of Students

Year/Sem:III-II & IV-II

A Certificate Program on "Power Systems and Solar Panels"

Academic Year:2020-2021

S.NO	ROLL NUMBER	NAME OF THE STUDENT	DEPARTMENT	STUDENT SIGNATURE
1	17G31A0201	ACHHUGATLA MOINBASHA	EEE	A. Moinbasha
2	17G31A0202	BANDA RAJESWARI	EEE	B. Rajeswari
3	17G31A0205	GOWNOLLA MAHENDRA REDDY	EEE	G. Mahendra Reddy
4	17G31A0206	GURRALA VENUGOPAL	EEE	G. Venu Gopal
5	17G31A0210	MASANI RAVIKRISHNA	EEE	M. Ravi krishna
6	17G31A0212	TAPAL IBRAHIM	EEE	T. Ibrahim.
7	17G31A0213	UPPARA BHUVANA	EEE	U. Bhuvana
8	18G35A0202	GORANTLA VISWANATH	EEE	G. Viswanath
9	18G35A0205	SATABOINA MADHU	EEE	S. Madhu
10	18G35A0206	THALARI GOPI	EEE	T. Gopi
11	18G31A0201	BALIJA NAGARAJU	EEE	B. Nagaraju
12	18G31A0202	BANDARI KARTHIK	EEE	B. Karthik
13	18G31A0203	DUPATHI RAJESWARI	EEE	D. Rajeswari
14	18G31A0204	EDIGA ARAVIND KUMAR	EEE	E. Aravind Kumar
15	18G31A0205	GOLLA SHIVA KUMAR	EEE	G. Siva kumar
16	18G31A0206	KADIVELLA MALLIKARJUNA REDDY	EEE	K. Mallikarjuna Reddy
17	18G31A0208	KOSIGI THAYANNA	EEE	K. Thayanna
18	18G31A0209	KOTTAM JAIBUN	EEE	K Jaibun
19	18G31A0210	KURUVA SANDHYA RANI	EEE	K. Sandhya Rani
20	18G31A0211	LAKSHMI GADIGE	EEE	G. Lakshmi
21	18G31A0212	MAKAM SOWMYA	EEE	M. Sowmya
22	18G31A0213	MADUGUNDU HEMAVATHI	EEE	M. Hemavathi
23	18G31A0217	MANCHALA VENKATESH	EEE	M. Venkatesh
24	18G31A0218	PANDIKONA NARESH	EEE	P. Naresh
25	18G31A0219	PAVITHRA V M	EEE	V. M. pavithra
26	18G31A0221	POBBATHI JAYAPRAKASH	EEE	P. Jayaprakash
27	18G31A0222	PULI RAMAIAH	EEE	P. Ramaiah
28	18G31A0227	YERRAM SIVASANKAR	EEE	Y. Sivasankar
29	18G31A0228	KRISHNA BRUNDA	EEE	K. Brunda
30	19G35A0201	CHEDDE BALA KRISHNA	EEE	C. Bala krishna
31	19G35A0202	KURUVA GANESH	EEE	K. Ganesh
32	19G35A0203	MALLEPOGU RAJESH	EEE	M. Rajesh
33	19G35A0204	VAGGA SWAPNA PRIYA	EEE	V. Swapna priya

Co ordinator

HOD

H. O. D.
Department of E. E. E.
St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR, Kurnool Dist. (A.P.)

St. Johns College of Engineering & Technology

Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

DEPARTMENT OF EEE

Date: 14.01.2021

Program Report

Name of the Event: Certificate Program on "power system & solar panel ".

Date/Duration:(12.12.2020-14.01.2021)/28

Resource Person DetailsMr.CMahesh Babu, Asst. Prof, in Dept. of EEE, BITS, Adoni.

Name of CoordinatorMr P peddareddy,Asst.Prof of the EEE department

Number of Students completed/enrolled: 33/33

Objective of Event:The technology to convert sunlight into electricity, Solar Renewable Energy Credits (SRECs) and market mechanism.

Topics Covered:

- **S**olar Photovoltaic (PV) panels and construction
- Mainstream technologies for solar panels
- List of solar thermal power stations, List of energy storage projects, and
- List of photovoltaic power stations
- Solar cell efficiencies of laboratory-scale devices

Outcome of Program:

- Grid integration , combination of grid interconnections, energy storage or demand side management.
- Energy pricing and incentives and incentive mechanisms

Program Coordinator

HOD

H. O. D.
Department of E. E. E.
St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR, Kurnool Dist. (A.P.)

St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

CIRCULAR :: DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: **15-12-2020**

All the III-B.Tech I-Sem and IV-B.Tech I-Sem Students are here by informed that the Department of Electronics & Communication Engineering, SJCET is conducting a **Certification Program** on **"Deploying Deep Learning Networks to Embedded GPUs and CPUs".** The program will held from 28.12.2020-28.01.2021 under the coordination of **Mr. S.AHMED BASHA**, Assoc.Prof of the department. Interested candidates can enroll their names on or before 26.12.2020.

All the registered students must attend the certificate program without fail on the above mentioned dates.

IQAC

Co-ordinator, IQAC
St. Johns College of Engineering & Technology
Yemmiganur. Kurnool (Dist.)

PRINCIPAL

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St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR (M) Kurnool (Dt.) A.P.

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St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 28.12.2020

Day-Wise-Schedule

Name of the Program: **A Certified Program on Deploying Deep Learning Networks to Embedded GPUs and CPUs.**

Academic Year: 2020-2021

Program Duration: 28.12.2020 to 28.01.2021 Time: 09:30 AM to 12:30 PM

S.NO	DATE	DAY	TOPICS
1	28-12-2020	Monday	Brief review on the contents and the importance of the program.
2	29-12-2020	Tuesday	What is Deep Learning?
3	30-12-2020	Wednesday	How Does Deep Learning Work?
4	31-12-2020	Thursday	Example of Deep Learning at Work
5	02-01-2021	Saturday	Rise of Deep Learning
6	04-01-2021	Monday	Deep Learning in Action
7	05-01-2021	Tuesday	Applications of Deep Learning
8	06-01-2021	Wednesday	Importance of Deep Learning
9	07-01-2021	Thursday	What are Neural Networks?
10	08-01-2021	Friday	How Do Neural Networks Work?
11	09-01-2021	Saturday	Activation Function
12	11-01-2021	Monday	Deep learning methods
13	12-01-2021	Tuesday	Deep learning examples
14	13-01-2021	Wednesday	Deep learning vs. machine learning
15	14-01-2021	Thursday	Deep Learning HDL Toolbox
16	15-01-2021	Friday	Deep Learning Toolbox
17	16-01-2021	Saturday	GPU Coder
18	18-01-2021	Monday	HDL Coder
19	19-01-2021	Tuesday	MATLAB Coder
20	20-01-2021	Wednesday	DNN Design & Train
21	21-01-2021	Thursday	Application Design
22	22-01-2021	Friday	Deployment integration-test
23	23-01-2021	Saturday	Real-time test
24	25-01-2021	Monday	High-level language Deep learning framework
25	26-01-2021	Tuesday	Low-level APIs Application-specific libraries
26	27-01-2021	Wednesday	Target-optimized libraries Optimize for memory & speed
27	28-01-2021	Thursday	Conclussion

COORDINATOR

HOD

Dept. of Electronics & Communication Engineering
St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur-518 360
KURNOOL (Dist)., A.P.

St. JOHNS COLLEGE OF ENGINEERING & TECHNOLOGY

YERRAKOTA, YEMMIGANUR - 518 360, KURNOOL (Dist.) A.P.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

List of Students

Year/Sem: IV-II

A Certificate Program on "Deploying Deep Learning Networks to Embedded GPUs and CPUs"

Academic Year:2020-2021

S.l.no	Roll No.	Name of the Student	Department	Student Signature
1	17G31A0401	ADIKI MADHU SREE	E.C.E	Madhu sree
2	17G31A0402	ALAGANURU YASHWANTH	E.C.E	Yashwanth
3	17G31A0403	AMARAI ELLURU VIJAY KUMAR	E.C.E	Vijay Kumar
4	17G31A0404	ANUMA UHA SREE	E.C.E	A. Uhasree
5	17G31A0405	ATAGARA JAYASREE RANI	E.C.E	Jayasree Rani
6	17G31A0407	B YAMUNA	E.C.E	Yamuna
7	17G31A0410	BANDI AMRUTHA	E.C.E	Amrutha
8	17G31A0411	BELEHAL VYSHNAVI	E.C.E	Vyshnavi
9	17G31A0412	BHEEMANA PALLI SHIRISHA	E.C.E	Shirisha
10	17G31A0413	BOYA DEVI BHAVANI	E.C.E	Bhavani
11	17G31A0414	BOYA NEELAVENI	E.C.E	Neelaveni
12	17G31A0415	BOYA SHASHIKANTH	E.C.E	Shashikanth
13	17G31A0416	BUGUDE PREETHI	E.C.E	Preethi
14	17G31A0417	CHAKALI BHARATHI	E.C.E	C. Bharathi
15	17G31A0418	CHAKALI LATHA	E.C.E	Latha.
16	17G31A0419	CHAKALI THULASI	E.C.E	C. Latha
17	17G31A0420	CHEDDE KARTHIK	E.C.E	C. Karthik
18	17G31A0421	CHILAKALA VASAVIKA	E.C.E	C. Vasavika
19	17G31A0422	DARI AISHWARYA	E.C.E	D. Aishwarya
20	17G31A0423	DASARI ANUSHA	E.C.E	Anusha.
21	17G31A0424	DIWAN MOHAMMED MALIK	E.C.E	Mohammad
22	17G31A0425	ELLURU HANUMANTHU SETTY	E.C.E	Hanumanthu
23	17G31A0426	VADDE NARENDRA	E.C.E	Nag
24	17G31A0427	GADIGE AJAY	E.C.E	G. Ajay
25	17G31A0428	GADIGE JYOSHNA	E.C.E	G. Ajay
26	17G31A0429	GOLLA PARUSHU RAMUDU	E.C.E	Parushu
27	17G31A0430	GONTLA SAHITHI	E.C.E	Sahithi
28	17G31A0431	GOVINDA REDDY GARI MANASA	E.C.E	Manasa.
29	17G31A0432	GUMMULLA SAI TEJA	E.C.E	Sai Teja
30	17G31A0433	GURRALA SANDHYA	E.C.E	Sai
31	17G31A0434	HOSURU LEELAVATHI	E.C.E	Leelavathi
32	17G31A0435	J PAVANKUMAR	E.C.E	J. Pavankumar
33	17G31A0436	JERUBANDI MOUNIKA	E.C.E	Mounika

Year/Sem: IV-II

A Certificate Program on "Deploying Deep Learning Networks to Embedded GPUs and CPUs"

Academic Year:2020-2021

S.l.no	Roll No.	Name of the Student	Department	Student Signature
34	17G31A0437	KALIGHER MOHAMMED SIRAJVALI	E.C.E	Sirajvali
35	17G31A0438	KAMARTHI SRINATH	E.C.E	Srinath
36	17G31A0439	KANIKE PALLAVI	E.C.E	K. pallavi
37	17G31A0441	KARRE ANNAPURNA	E.C.E	K. Annapurna
38	17G31A0442	KOLIMI SUHANA BEGAM	E.C.E	suhana Begam
39	17G31A0444	KONDAPURI ANJUM	E.C.E	Anjum
40	17G31A0445	KURUVA MALLESH	E.C.E	K. Mallesh
41	17G31A0446	MADHUGUNDU JAYASREE	E.C.E	M. jayasree
42	17G31A0447	MALA GANESH	E.C.E	M. Ganesh
43	17G31A0448	MALEKAR PAVITHRA	E.C.E	Pavithra
44	17G31A0449	MOHAMMED NOORULLA FAROOQI	E.C.E	M. Noorulla
45	17G31A0450	N GHOUSE BASHA	E.C.E	Ghouse Basha
46	17G31A0451	NAGAMALLI THULASI	E.C.E	Thulasi
47	17G31A0452	NAGELLI RAJASREE	E.C.E	Rajasree
48	17G31A0453	NESE SWETHA	E.C.E	Swetha
49	17G31A0454	PALYAM KEERTHI	E.C.E	Keerthi
50	17G31A0455	PINJARI SUBHAN	E.C.E	Subhan
51	17G31A0456	POTLAPATI BHAVITHA	E.C.E	Bhavitha
52	17G31A0457	PULIPATI CHAKRAVARTHI	E.C.E	P. Chakravarthi
53	17G31A0458	PYAPALI BHAVANA	E.C.E	Bhavana
54	17G31A0459	RAMESH PRAVEENKUMARREDDY	E.C.E	Ramesh Pravee
55	17G31A0460	REDDY MOUNIKA	E.C.E	Mounika
56	17G31A0461	SAKLURI YOGESH	E.C.E	Yogesh
57	17G31A0462	SHAIK NOOR AHMED	E.C.E	Noor Ahmed
58	17G31A0463	SUGURU SARITHA	E.C.E	S. Saritha
59	17G31A0464	SURE VINAY KUMAR	E.C.E	Vinay kumar
60	17G31A0465	THAKUR SAIRAM SINGH	E.C.E	Sairam singh
61	17G31A0466	UPPARA ANASUYA	E.C.E	Anasuya
62	17G31A0467	UPPARA MALLESWARI	E.C.E	U. Malleswari
63	17G31A0468	UPPARA MUNDARINTI SAI JYOTHI	E.C.E	Sai Jyothi
64	17G31A0470	V USHA RANI	E.C.E	Usha rani
65	17G31A0472	VASA TEJASRI	E.C.E	V. Tejasri
66	17G31A0473	JOGI SUMITRA	E.C.E	Sumitra
67	18G35A0401	B KARTHIK	E.C.E	B. Karthik
68	18G35A0402	BANDA LAVANYA	E.C.E	B. lavanya
69	18G35A0403	KALLUR MANGALE RAVINDRA	E.C.E	Ravindra
70	18G35A0404	MALA SEKHAR	E.C.E	M. Sekhar

Year/Sem: IV-II

A Certificate Program on "Deploying Deep Learning Networks to Embedded GPUs and CPUs"

Academic Year:2020-2021

S.l.no	Roll No.	Name of the Student	Department	Student Signature
71	16G31A0401	AREKANTI LOKANATH	E.C.E	A. Lokanath
72	16G31A0412	GENDAM GOUSEMOHAMMED	E.C.E	Gousc
73	16G31A0441	UPPARA NAVEEN KUMAR	E.C.E	Naveenkumar

Co-ordinator

HOD

H.O.D.
Dept. of Electronics & Communication Engineering
St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur - 518 360
KURNOOL (Dist)., A.P.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 28.01.2021

Program Report

Name of the Event:A Certified Program on Deploying Deep Learning Networks to Embedded GPUs and CPUs

Date/Duration:28.12.2020 to 28.01.2021/ 27 Days

Resource Person Details: Dr. K.Govindurajulu

Name of Coordinator: Mr. S.Ahmed Basha

Number of Students completed/enrolled:73

Objective of Event:

- High-level language Deep learning framework
- Deep learning methods

Topics Covered:

- How Does Deep Learning Work?
- How Do Neural Networks Work?
- Deep learning vs. machine learning

Outcome of Program:

- Target-optimized libraries Optimize for memory & speed
- Deployment integration-test

Program Coordinator

HOD

H.O.D:
Dept. of Electronics & Communication Engineering
St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur - 518 360
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St. Johns College of Engineering & Technology

Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

CIRCULAR :: DEPARTMENT OF MECHANICAL ENGINEERING

Date: 26.05.2021

All the III-B.Tech II-Sem and IV-B.Tech II-Sem Students are here by informed that the Department of Mechanical Engineering, SJCET is conducting "A **Certificate Program** on **"Fracture and fatigue in Solid Mechanics".** The program will held from 07.06.2021-06.07.2021 under the coordination of **Mr. K Nagaraju**, Associate Professor. Interested candidates can enroll their names on or before 04.06.2021. All the registered students must attend the certificate program without fail on the above mentioned dates.

IQAC
Co-ordinator, IQAC
St. Johns College of Engineering & Tecnology
Yemmiganur. Kumool (Dist.)

PRINCIPAL

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Yerrakota, YEMMIGANUR (M) Kurnool (Dt.)

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St. Johns College of Engineering & Technology

Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 07.06.2021

Day-Wise-Schedule

Name of the Program: **A Certified Program on "Fracture and fatigue in Solid Mechanics"**

Academic Year:2020-2021

Program Duration: 07.06.2021-06.07.2021 Time: 10:00 AM to 01:00 PM

S.NO	DAY	DATE	TOPICS
1	Monday	07.06.2021	Overview of Engineering Fracture Mechanics
2	Tuesday	08.06.2021	Review of tension test, bending and torsion. Method of handling combined stresses
3	Wednesday	09.06.2021	Conventional design methodologies, List of spectacular failures
4	Thursday	10.06.2021	Discussion on Boston molasses failure, Liberty ship failure
5	Friday	11.06.2021	Ductile-brittle transition temperature and its relevance.
6	Monday	14.06.2021	Fracture – Bane or boon? Common applications of fracture/fracture prevention
7	Tuesday	15.06.2021	Brief introduction to photoelasticity, Photoelastic appreciation of severity of a crack
8	Wednesday	16.06.2021	Energy Release Rate
9	Thursday	17.06.2021	Surface energy, Elastic strain energy stored in terms of stress components
10	Friday	18.06.2021	Strain energy in the presence of a crack by relaxation analogy
11	Saturday	19.06.2021	Fracture strength, Validation of Griffith's approach
12	Monday	21.06.2021	Difficulties in Griffith's theory, Necessary and sufficient conditions for fracture
13	Tuesday	22.06.2021	Need for energy release rate being non-linear
14	Wednesday	23.06.2021	Simply connected and multiply connected domains
15	Thursday	24.06.2021	Plane stress and plane strain situations
16	Friday	25.06.2021	Airy's stress function, Semi-inverse method
17	Saturday	26.06.2021	Crack-tip Stress and Displacement Field Equations
18	Monday	28.06.2021	Cauchy-Riemann conditions, Airy's stress function for Mode-I
19	Tuesday	29.06.2021	Westergaard stress function for Mode-I, Origin shifting
20	Wednesday	30.06.2021	Stress and displacement field in Mode-III
21	Thursday	01.07.2021	Kolosov-Muskhelishvili approach
22	Friday	02.07.2021	Forms of stress functions in complex potentials
23	Saturday	03.07.2021	Multi-parameter stress field equations
24	Monday	05.07.2021	combination of Mode-I and Mode-II, Multi-parameter displacement field equations
25	Tuesday	06.07.2021	Approximate plastic zone shapes in plane strain and plane stress for Mode-I and Mode-II loadings

COORDINATOR

HOD

Department of Mechanical Engg.
St. Johns College of Engineering & Technology
Yerrakota YEMMIGANUR. Kurnool Dist (A.P.)

St. JOHNS COLLEGE OF ENGINEERING & TECHNOLOGY

YERRAKOTA, YEMMIGANUR - 518 360, KURNOOL (Dist.) A.P.

DEPARTMENT OF MECHANICAL ENGINEERING

List of Students

Year/Sem: III-II & IV-II

A Certificate Program on "Fracture and fatigue in Solid Mechanics"

Academic Year:2020-2021

S.No.	Roll No.	Name of the Student	Department	Student Signature
1	17G31A0301	BADINEHAL SANDEEP	ME	B. SandeeP
2	17G31A0302	BIBARI MD SHAHID AFRIDI	ME	B. M.D Afridi
3	17G31A0303	C GAZAN FAR	ME	C. Gazan
4	17G31A0304	CHAKALI LOKESH	ME	C. lokesh
5	17G31A0305	CHIKKAM HEMANTH KUMAR	ME	C Hemanth
6	17G31A0306	EDIGA SARATH KUMAR	ME	E Sarath
7	17G31A0307	GANAMALA SURENDRA	ME	G. Surendra
8	17G31A0308	GOLLA SAI PAVAN	ME	G. Sai Pavan
9	17G31A0309	K MANJUNATHA	ME	K. Manjunath
10	17G31A0310	KATTE SUMYUKTHA	ME	K. Sumyuktha
11	17G31A0311	KUMMARA NARASIMHA	ME	K. Narasimha
12	17G31A0312	KYRAVADI ANILKUMAR	ME	K. Anilkumar
13	17G31A0313	M SHAIBAZ	ME	M. Shaibaz
14	17G31A0314	MALLEPOGU SURENDRA	ME	M. Surendra
15	17G31A0315	MONE SHANMUKHA	ME	M. Shanmukha
16	17G31A0316	MURARI ARUNAPRATHAPREDDY	ME	M. Arun
17	17G31A0317	PAGIDALA NARESH BABU	ME	P. naresh
18	17G31A0318	PASEDDULA CHANDRANNA	ME	P. Chandra
19	17G31A0319	PEDDAGOWDLA BHASKAR REDDY	ME	P. Bhasker
20	18G35A0301	A RAGHUNATH	ME	A. Raghunath
21	18G35A0302	A SANDEEP	ME	A. Sandeep
22	18G35A0303	AKULA VIRUPAKSHI	ME	A. Virupakshi
23	18G31A0301	B SAJID	ME	B. Sajid
24	18G31A0302	BOYA ROGANNAGARI CHANDRASEKHAR	ME	B. R Chandrasekhar
25	18G31A0303	BUGUDE VENKATESH	ME	B. Venkatesh
26	18G31A0304	CHEDDI VASU	ME	C. Vasu
27	18G31A0305	CHRIST VICTOR EMMANUEL CEPHA	ME	C. Cepha
28	18G31A0307	GANJAHALLI KURUVA ERANNA	ME	G. Eranna
29	18G31A0308	KAMARTHI SAI MOHAN	ME	K. Sai Mohan
30	18G31A0310	KONDAMEEDA MOHAMMED IMRAN ALI	ME	K MD Imran Ali
31	18G31A0311	KONGATHI SATISH CHANDRA	ME	K. Satish Chandra
32	18G31A0312	KONIDELA RAJA MANOHAR	ME	K. Rajamanohar
33	18G31A0313	KURAKULA PRANAY VIJAY CHANDRA	ME	K. Vijay Chandra

Year/Sem: III-II & IV-II

A Certificate Program on "Fracture and fatigue in Solid Mechanics"

Academic Year:2020-2021

S.No.	Roll No.	Name of the Student	Department	Student Signature
34	18G31A0315	MADIGA VIJAY KUMAR	ME	M. Vijay Kumar
35	18G31A0316	MEHTAR SHOAIB MALIK	ME	M. Shoaib malik
36	18G31A0317	MONE HARINATH	ME	M. Harinath
37	18G31A0318	P ASIF PASHA	ME	P. Asif Pasha
38	18G31A0319	T SAI VEERA	ME	T. Sai veera
39	18G31A0321	TUMBALABEEDU HARSHAVARDAN	ME	T. Harsha
40	18G31A0322	UPPARA YERRAGUDLA NARENDRA	ME	U. Y. Narendra
41	18G31A0323	VALEKARI RAMU	ME	V. Ramu
42	18G31A0325	VIJAY KUMAR MADRI	ME	M. V. ...
43	19G35A0301	CARPENTOR MOHAMMED USAMA	ME	C. md. Usama
44	19G35A0302	EDIGA ARUN	ME	E. Arun
45	19G35A0303	ETHAKAYALA MAHESH	ME	E. Mahesh
46	19G35A0304	JANGAM VAMSI	ME	J. vamsi
47	19G35A0305	M JAGADISH	ME	M. Jagadish
48	19G35A0306	M MUHAMMED TAWHEED	ME	M. Tawheed
49	19G35A0308	MANDULA GANESH	ME	M. Ganesh
50	19G35A0309	MULLA SHAIKSHA VALI	ME	M. ...
51	19G35A0310	PUGGI MANJUNATHSWAMY	ME	Manjunath
52	19G35A0311	S K M CHENNA VEERESH SWAMY	ME	S K M ...
53	19G35A0312	SIDDANAGOWDA MURALIKRISHNAGOWD	ME	Siddanagowda
54	19G35A0313	UPPARA RAJESH	ME	U. Rajesh
55	19G35A0314	UPPARA SUNIL KUMAR	ME	U. Sunil Kumar

Co-ordinator

HOD

H. O. D.
Department of Mechanical Engg.
St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR, Kurnool Dist. (A.P.)

St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

DEPARTMENT OF MECHANICAL ENGINEERING

Date:09.07.2021

Program Report

Name Of the Event:A Certification Program On"Fracture and Fatigue in Solid Mechanics"

Date/Duration:07.06.2021 to 06.07.2021 (1 Month)

Resource Person Details: Mr. K Kiran KumarM R, Assoc. Professor, ME, Cell:9440035205

Name of Coordinator: Mr. K Nagaraju, Assistant Professor, ME, Cell: 9110782575

Number of Students completed/enrolled: 54/55

Objective of Event:The course provides the basic aspects of Engineering Fracture Mechanics. Develop necessary artistic skills required for the engineer to make communications with the industrial designers.Thepurpose of this program istointroduceto the undergraduate student the fundamental principles of Engineering Design which is very important and relevant in the context of todays engineering professionals.

Topics Covered: Overview of Engineering Fracture Mechanics, Conventional design methodologies, List of spectacular failures, Fracture – Bane or boon? Common applications of fracture/fracture prevention, Strain energy in the presence of a crack by relaxation analogy, Difficulties in Griffith's theory, Necessary and sufficient conditions for fracture, Simply connected and multiply connected domains,Airy's stress function, Semi-inverse method,Cauchy-Riemann conditions, Airy's stress function for Mode-I, Multi-parameter stress field equations, Approximate plastic zone shapes in plane strain and plane stress for Mode-I and Mode-II loadings

Outcome of Program:After taking this course, the students will be able to: 1. Understand key concepts related to mechanics of fracture of both elastic and inelastic materials. 2. Apply fracture and fatigue concepts for design of structural components. 3. Will be able to pursue research in the areas of Fracture and Fatigue.

Program Coordinator

HOD

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Department of Mechanical Engg.
St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR, Kurnool Dist. (A.P.)

St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

CIRCULAR:: DEPARTMENT OF CIVIL ENGINEERING

Date: 25.05.2021

All the III-B.Tech I-Sem and IV-B.Tech I-Sem Students are here by informed that the Department of Civil Engineering, SJCET is conducting "A **Certificate Program** on **"ETABS v19 Professional Training For 50 Floors Tower".** The program will held from 10.06.2021-10.07.2021 under the coordination of **Mr. R. Tejanath**, Asst.Prof of the department. Interested candidates can enroll their names on or before 08.06.2021. All the registered students must attend the certificate program without fail on the above mentioned dates.

IQAC

Co-ordinator, IQAC
St. Johns College of Engineering & Technology
Yemmiganur. Kurnool (Dist.)

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St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

DEPARTMENT OF CIVIL ENGINEERING

Date:10.06.2021

Day-Wise-Schedule

Name of the Program: **A Certificate Program on ETABS v19 Professional Training For 50 Floors Tower**

Academic Year: 2020-2021

Program Duration: 10.06.2021-10.07.2021 Time: 09:30 AM to 12:30 PM

S.NO	DAY	DATE	TOPICS
1	Thursday	10.06.2021	Introduction & Importance of ETABS compared with other software tools
2	Friday	11.06.2021	Initiate a New Model for analysis
3	Saturday	12.06.2021	Grid system- adding the elements, modifying & deleting the unwanted elements
4	Monday	14.06.2021	Defining materials for each elements
5	Tuesday	15.06.2021	Defining structural elements properties
6	Wednesday	16.06.2021	Cracked behaviour of elements
7	Thursday	17.06.2021	Drawing of structural elements
8	Friday	18.06.2021	Drawing of structural elements
9	Saturday	19.06.2021	Drawing of structural elements
10	Monday	21.06.2021	Drawing of structural elements
11	Tuesday	22.06.2021	Pinned connections
12	Wednesday	23.06.2021	Drawing preparation of 50 floors tower
13	Thursday	24.06.2021	Autocad drawings for 50 floor tower
14	Friday	25.06.2021	Modeling Techniques for 50 floor tower
15	Saturday	26.06.2021	Modeling Techniques for 50 floor tower
16	Monday	28.06.2021	Modeling Techniques for 50 floor tower
17	Tuesday	29.06.2021	Modeling Techniques for 50 floor tower
18	Wednesday	30.06.2021	Defining & assigning of loads for Gravity case
19	Thursday	01.07.2021	Modal analysis for Gravity case
20	Friday	02.07.2021	Lateral force analysis by Seismic Static Method for earthquakes
21	Saturday	03.07.2021	Lateral force analysis for wind loads
22	Monday	05.07.2021	Lateral force analysis & verification for structure
23	Tuesday	06.07.2021	Lateral force analysis by Dynamic methods
24	Wednesday	07.07.2021	Lateral force analysis by Dynamic methods
25	Thursday	08.07.2021	Lateral force analysis by Dynamic methods
26	Friday	09.07.2021	Lateral force analysis by Dynamic methods
27	Saturday	10.07.2021	Design of structural elements by ETABS & verification of results for safety

COORDINATOR

HOD

HOD
Civil Engineering Department
St. Johns College of Engg. & Tech., Yerrakota

St. JOHNS COLLEGE OF ENGINEERING & TECHNOLOGY

YERRAKOTA, YEMMIGANUR - 518 360, KURNOOL (Dist.) A.P.

DEPARTMENT OF CIVIL ENGINEERING

List of Students

Year/Sem: III-I & IV-I

A Certificate Program on "ETABS V 19 Professional Training for 50 Floors Tower"

Academic Year:2020-2021

S.l.no	Roll No.	Name of the Student	Department	Student Signature
1	17G31A0101	AGNUR SUDHEER KUMAR	CE	A. Sudheer Kumar
2	17G31A0102	BHARPET MOHAMMED AYAZ	CE	B. Mohamed Ayaz
3	17G31A0103	BOYA ASHOK	CE	B. Ashok
4	17G31A0104	C S MD TALHA BASHA	CE	CSMD Talhabasha
5	17G31A0105	EDIGA VENU GOPAL	CE	E. Venugopal
6	17G31A0106	GAJULA YUVARAJ	CE	G. Yuvaraj
7	17G31A0107	GOLA DASTHAGIRI	CE	G. Dasthagiri
8	17G31A0108	GOLLA NAGARAJU	CE	G. Nagaraju
9	17G31A0109	GORANTLA RAVI TEJA	CE	G. Raviteja
10	17G31A0110	GULLAMORUSU SEKHAR	CE	G. Shekar
11	17G31A0111	JAMPULA MAHENDRA	CE	J. Mahendra
12	17G31A0112	KURUVA RAMESH	CE	K. Ramesh
13	17G31A0113	KURUVA SUPRIYA	CE	K. Supriya
14	17G31A0114	MULLA NABI RASOOL	CE	M. Nabi Rasool
15	17G31A0116	PINJARI SHAKEELA BANU	CE	P. Shakeela Banu
16	17G31A0117	POTHUGANTI BALAKRISHNA	CE	P. Balakrishna
17	17G31A0119	S P UPENDRA KUMARREDDY	CE	S P U K Reddy
18	17G31A0120	THATTE NAGARAJU	CE	T. Nagaraju
19	17G31A0121	VADDE VEERA KUMAR	CE	V. V. Kumar
20	18G35A0101	ANNAJIGARI YOGESWARA REDDY	CE	A. Yogeswara Reddy
21	18G31A0101	ALUKUNTA RAM CHARAN TEJA	CE	A. Ramcharan
22	18G31A0102	BANDARI RAJU	CE	B. Raju
23	18G31A0103	BANNELA RAVI KUMAR	CE	B. Ravi
24	18G31A0104	CHAKALI HARIKRISHNA	CE	C. Harikrishna
25	18G31A0105	EDIGA KRISHNA KUMAR GOUD	CE	E. Krishnakumar
26	18G31A0106	G ABDULLA	CE	G. Abdulla
27	18G31A0107	GARGI VIJAY KUMAR	CE	G. Vijaykumar
28	18G31A0109	HOLAGUNDA RUDRA GOWD	CE	
29	18G31A0110	JAMEDAR IBRAHIMKHALILULLA	CE	J. Ibrahimkhalilulla
30	18G31A0111	KAKA KIRAN KUMAR	CE	K. Kirankumar
31	18G31A0112	KANDOLI SEKHAR	CE	K. Sekhar
32	18G31A0113	KARANAM RANJITH KUMAR	CE	K. Ranjith
33	18G31A0114	KSHIRASAGARE KARTHIK	CE	K. Karthik

Year/Sem: III-I & IV-I

A Certificate Program on "ETABS V 19 Professional Training for 50 Floors Tower"

Academic Year:2020-2021

S.l.no	Roll No.	Name of the Student	Department	Student Signature
34	18G31A0116	KURUVA MAHESH	CE	
35	18G31A0117	MANTHA LAKSHMINARAYANA	CE	
36	18G31A0118	MEKALA CHARLES	CE	
37	18G31A0119	MUDDAPPAGARI RAMESH	CE	
38	18G31A0120	NANDIKOLA JITHENDRA KUMAR	CE	
39	18G31A0121	NISHANI KHASIM	CE	
40	18G31A0122	PARIGALA CHINNA RAJU	CE	
41	18G31A0123	REDDYGARI SUBBAREDDY	CE	
42	18G31A0124	SIRIGIRI SANTHOSH KUMAR	CE	
43	18G31A0125	SUNNAPU SWETHA	CE	
44	18G31A0126	SYED SOHIAB AKTHAR	CE	
45	18G31A0127	T MOHAMMED WASIM	CE	
46	18G31A0128	TERPULA PRAKASH	CE	
47	18G31A0129	UPPARI DHANAVEERAIAH	CE	
48	19G35A0101	ANUPURI HANANIAH	CE	
49	19G35A0102	BOYA ERANNA	CE	
50	19G35A0103	BUDHARAPU NEHA GURUSWAMI	CE	

Co-ordinator

HOD

HOD
Civil Engineering Department
St. Johns College of Engg. & Tech., Yerrakota

St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

DEPARTMENT OF CIVIL ENGINEERING

Date:11.07.2021

Program Report

Name of the Event: A Certificate Program on ETABS vs 19 Professional Training for 50 floor Tower

Date/Duration:10.06.2021-10.07.2021/27 DAYS

Resource Person Details: Mr. G. Chinna

Name of Coordinator: Mr. R. Tejanath

Number of Students completed/enrolled: 50

Objective of Event:

- To do step by step modeling, analysis & design of 50 floor tower
- For working in any modern innovative complex structures by using ETABS for analysis & design
- REVIT for Building Information Modeling

Topics Covered:

- Initiating a New Model for 50 floor tower
- Grid system, defining material element properties, cracked behaviour of elements
- Drawing structural elements in stages
- Drawing preparation for 50 floors & modeling techniques for 50 floor tower
- Defining & assigning loads by static & dynamic methods

Outcome of Program:

- The student will become expert I advance modeling, analysis & design using ETABS
- By ETABS training the student can design in a consulting perspective manner
- The student can do step by step modeling, analysis & design for any type of complex structures

R. Tejanath
Program Coordinator

HOD

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Civil Engineering Department
St. Johns College of Engg. & Tech., Yerrakota.

St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

CIRCULAR

Date: **31.07.2021**

All the III-B.Tech I-Sem Students are here by informed that the Department of Computer Science and Engineering, SJCET is conducting a **"Certificate program on Foundations of Data Science".** The program will held from 05.08.2021 - 27.08.2021 under the coordination of **Mr. T. Abdul Raheem**, Asst.Prof of the CSE department. Interested candidates can enroll their names on or before 04.08.2021. All the registered students must attend the certificate program without fail on the above mentioned dates.

IQAC

Co-ordinator, IQAC
St. Johns College of Engineering & Tecnology
Yemmiganur. Kurnool (Dist.)

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St. Johns College of Engineering & Technology

Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

Date: 05.08.2021

Day-Wise-Schedule

Name of the Program: "**Foundations of Data Science**"

Academic Year: 2021-2022

Program Duration: 05.08.2021 - 27.08.2021 Time:09:30AM to 12:30PM

S.NO	DAY	DATE	TOPICS
1	Thursday	05.08.2021	Introduction: What is Data Science? Big Data and Data Science – Datafication
2	Friday	06.08.2021	Current landscape of perspectives – Skill sets needed; Matrices
3	Saturday	07.08.2021	Matrices to represent relations between data, and necessary linear algebraic operations on matrices
4	Monday	09.08.2021	Approximately representing matrices by decompositions (SVD and PCA);
5	Tuesday	10.08.2021	Statistics: Descriptive Statistics: distributions and probability
6	Wednesday	11.08.2021	Statistical Inference: Populations and samples
7	Thursday	12.08.2021	Statistical modeling – probability distributions – fitting a model – Hypothesis Testing – Intro to R/ Python.
8	Friday	13.08.2021	Data preprocessing: Data cleaning – data integration
9	Saturday	14.08.2021	Data Reduction Data Transformation and Data Discretization.
10	Monday	16.08.2021	Evaluation of classification methods – Confusion matrix
11	Tuesday	17.08.2021	Students T-tests and ROC curves-Exploratory Data Analysis
12	Wednesday	18.08.2021	Basic tools (plots, graphs and summary statistics) of EDA, Philosophy of EDA – The Data Science Process.
13	Thursday	19.08.2021	Basic Machine Learning Algorithms: Association Rule mining – Linear Regression
14	Friday	20.08.2021	Logistic Regression – Classifiers – k-Nearest Neighbors (k-NN), k-means -Decision tree
15	Saturday	21.08.2021	Naive Bayes- Ensemble Methods – Random Forest. Feature Generation and Feature Selection
16	Monday	23.08.2021	Feature Selection algorithms – Filters; Wrappers; Decision Trees; Random Forests.
17	Tuesday	24.08.2021	Clustering: Choosing distance metrics – Different clustering approaches
18	Wednesday	25.08.2021	hierarchical agglomerative clustering, k-means (Lloyd's algorithm)
19	Thursday	26.08.2021	DBSCAN – Relative merits of each method – clustering tendency and quality.
20	Friday	27.08.2021	Data Visualization: Basic principles, ideas and tools for data visualization.

COORDINATOR HOD PRINCIPAL

H.O.D. DEPARTMENT OF CSE St. Johns College of Engineering & Technology Yerrakota, YEMMIGANUR, Kurnool Dist. (A.P.)

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St. JOHNS COLLEGE OF ENGINEERING & TECHNOLOGY

YERRAKOTA, YEMMIGANUR - 518 360, KURNOOL (Dist.) A.P.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

List of Students

Year/Sem: III-I

A Certificate Program on "Foundations of Data Science"

Academic Year:2021-2022

S.l.no	Roll No.	Name of the Student	Department	Student Signature
1	18G31A0501	AREKATIKA BHASKAR	CSE	
2	18G31A0502	BADAI ABRAR	CSE	
3	18G31A0503	BANDA SAIPRASAD	CSE	
4	18G31A0504	BOYA VIJAY	CSE	
5	18G31A0505	CHAKALI TEJASHWINI	CSE	
6	18G31A0506	DARJI HAMADAIYAS	CSE	
7	18G31A0507	EPPATURI RAGAVENDRA REDDY	CSE	
8	18G31A0508	G UMMI JAVERIYA	CSE	
9	18G31A0509	GADIGE SOWMYA	CSE	
10	18G31A0510	GONE PRABHAVATHI	CSE	
11	18G31A0511	GOVINDA REDDY GARI LAVANYA	CSE	
12	18G31A0512	GUDIPATI SURYA THEJA	CSE	
13	18G31A0513	JUJARAY PREETHI	CSE	
14	18G31A0514	K INDU	CSE	
15	18G31A0515	KANNA NARASA REDDY	CSE	
16	18G31A0516	KAPA VINEETHA	CSE	
17	18G31A0517	KARA MAMATHA	CSE	
18	18G31A0518	KASHAPOGU EPSI RANI	CSE	
19	18G31A0519	KATIKA YOGITHA SRI	CSE	
20	18G31A0520	KHANDEKARI PUSHPALATHA	CSE	
21	18G31A0521	KUCHE SUKUMAR	CSE	
22	18G31A0522	KURUVA AJITH KUMAR	CSE	
23	18G31A0523	KURUVA ASHOK	CSE	
24	18G31A0524	KURUVA SWETHA	CSE	
25	18G31A0525	MACHANI KEERTHIKA	CSE	
26	18G31A0526	MADAGALLU SUKANYA	CSE	
27	18G31A0527	MAISTRY MISBAPARVEZ	CSE	
28	18G31A0528	MANAVI SOUMYA	CSE	
29	18G31A0529	MEENIGA KRISHNAVENI	CSE	
30	18G31A0530	MOHAMMED NAYEEM	CSE	
31	18G31A0531	MUSANALLI VARALAKSHMI	CSE	
32	18G31A0532	PULADAS SWAPNA	CSE	
33	18G31A0533	S NAWAZ AHAMED	CSE	

Year/Sem: III-I

A Certificate Program on "Foundations of Data Science"

Academic Year:2021-2022

S.l.no	Roll No.	Name of the Student	Department	Student Signature
34	18G31A0534	S P ANUSH ALTHAMASH	CSE	
35	18G31A0535	SADAPURAM UJWALA	CSE	
36	18G31A0536	SANKATI RANI	CSE	
37	18G31A0537	SAYA DEVI	CSE	
38	18G31A0539	SHAIK AESHA BEGUM	CSE	
39	18G31A0540	SHAIK MOHAMMED ARIFULLAH	CSE	
40	18G31A0541	SHAIK THAHER BASHA	CSE	
41	18G31A0542	TATIKONDA SAILAJA	CSE	
42	18G31A0543	UPPARA SREEKANTH	CSE	
43	18G31A0545	V LOKESWARI	CSE	
44	18G31A0546	VADDE DIVYA	CSE	
45	18G31A0547	VARAM MOUNIKA	CSE	
Co-ordinator				HOD

St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.
DEPARTMENT OF CSE

Date: 30.08.2021

Program Report

Name of the Event: "Certificate Program on Foundation of Data Science"

Date/Duration: 05.08.2021 to 27.08.2021 / 20 Days

Resource Person Details: Mr V. DILIP KUMAR REDDY, Assit.Prof, PVKK, Tirupati

Name of Coordinator: Mr. T. Abdul Raheem, Assit.Prof, SJCET.

Number of Students completed/enrolled: 45

Objective of Event:

This in-depth Data Science certification program is designed for working professionals and covers job-critical topics like R, Python, Machine Learning techniques, NLP notions, and Data Visualization with Tableau, using an active learning model that includes live sessions from global professionals, practical labs, IBM Hackathons, and corporate ready projects.

Topics Covered:

Introduction: What is Data Science? Current landscape of perspectives.
Matrices to represent relations between data, and necessary linear algebraic operations on matrices. Evaluation of classification methods – Confusion matrix, Logistic Regression, Naive Bayes. Feature Selection algorithms – Filters; Wrappers; Decision Trees; Random Forests.

Outcome of Program:

Students will receive the following as part of this Data Science certification program, which is offered in conjunction with IBM:

- Simplilearn-Purdue university Joint Certification
- Industry recognized certificates from IBM (for IBM courses) and Simplilearn
- Purdue Alumni Association membership eligibility
- Lifetime access to all (the core) of the e-learning content created by Simplilearn
- Access to IBM Cloud platforms featuring IBM Watson and other cloud services

Program Coordinator

HOD

H.O.D.
DEPARTMENT OF CSE
St. Johns College of Engineering & Technology
Yerrakota, YEMMIGANUR, Kurnool Dist. (A.P.)