

SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY

SCHOOL OF EEE

DEPARTMENT OF EIE

Value added course details

2018-2019

1. Deep Learning Systems and it's Applications

Registration Form		Course Objectives	
<i>Value added on</i> Deep Learning Systems and it's Applications <i>June 4th and 14th, 2018</i> Name : Designation : Department : Years of Experience : Address for Communication: Contact Details: a. Mobile : b. Email : Accommodation Required : Yes / No (Accommodation will be provided in the University Hostels) Signature		.To understand the theoretical foundations, algorithms and methodologies of Neural Network 2. To design and develop an application using specific deep learning models 3. To provide the practical knowledge in handling and analysing real world applications Course Contents Recognize the characteristics of deep learning models that are useful to solve real-world problems. Understand different methodologies to create application using deep nets. . Identify and apply appropriate deep learning algorithms for analyzing the data for variety of problems	
Contact us R.Pandian Dept. of Electronics & Instrumentation, Sathyabama University Jeppiaar Nagar, Chennai 119 Tamil Nadu, India Phone (044)24503167,24501644, 9884402986,9865768867			

List of Students Attended

2015-2019 BATCH

SL. NO	Register Number	Name
1	3518001	ABHISHEK KUMAR CHOUDHARY
2	3518002	AJAI KAMAL .M
3	3518003	AJIT.G
4	3518004	AKSHAY.P
5	3518005	ANEESH MUKHERJEE
6	3518006	ANTO MINISH.A
7	3518007	ARAVINDAN.M
8	3518008	ARJUN ETHIRAJALU
9	3518009	ARUN KUMAR.S
10	3518011	BALACHANDAR.G
11	3518012	BANKUPALLE SRI VASUDHA
12	3518013	CHEETIRALA LAKSHMI PRANAY BABA
13	3518014	CHILLAKURU SAINADH REDDY
14	3518016	DEBARGHYA DATTA
15	3518017	EBIN G THOMAS
16	3518018	GARLAPATI ESWARPRASAD
17	3518019	JEEVAN KUMAR.B
18	3518020	KOTHAPALLY YASHWANTH KUMAR
19	3518021	MALIGIREDDY UMESH REDDY
20	3518022	MANJUSHA ANANDHI.P
21	3518024	MOHAMED AHNAF .K.K
22	3518026	NIRANJAN.B
23	3518027	NIVETHA.S
24	3518028	POOJHA. P. M
25	3518029	POTHINENI KALYAN SAI CHAKRAVARTHY

26	3518030	PRADIP BANIK
27	3518031	PREM JOSHUA TONY.G
28	3518032	PRIYA VADHANA.S
29	3518033	ROJIN EMMANUEL.R
30	3518034	ROSHAN FARANA.A
31	3518035	SAM SYLVIAN.R
32	3518036	V SHREENATH
33	3518037	SHYAM SUNDAR.S
34	3518038	SURAPANANI RAHUL
35	3518039	VIMAL KUMAR.K

2.Design & Development of Embedded Systems

Registration Form <i>Value added Course on</i> Design & Development of Embedded Systems <i>Sep 10th and 20th, 2018</i> Name : Designation : Department : Years of Experience : Address for Communication: Contact Details: a. Mobile : b. Email : Accommodation Required : Yes / No (Accommodation will be provided in the University Hostels) Signature	Course Objectives To introduce students to the modern embedded systems and to show how to understand and program such systems using a concrete platform built around A modern embedded processor like the Intel ATOM. Course Contents Describe the differences between the general computing system and the embedded system, also recognize the classification of embedded systems. Become aware of the architecture of the ATOM processor and its programming aspects (assembly Level) Become aware of interrupts, hyper threading and software optimization. Design real time embedded systems using the concepts of RTOS. Contact us Dr. R.RamaDevi Dept. of Electronics & Instrumentation, Sathyabama University Jeppiaar Nagar, Chennai 119 Tamil Nadu, India Phone (044)24503167, 24501644, 9884402986, 9865768867	 SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY) Accredited with 'A' grade by NAAC Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai -600 119 <i>Value added Course on</i> Design & Development of Embedded Systems  Embedded System <i>Sep 10th and 20th, 2018</i> Organised by DEPARTMENT OF ELECTRONICS & INSTRUMENTATION
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List of Students Attended

2017-2021 BATCH

Sl. No	Register Number	Student Name
1	37180001	ABINAYA.S
2	37180002	ANANDHA NARAYANAN.P
3	37180003	BARATH M
4	37180006	DHANUSHKA.A
5	37180008	HARITHA.K
6	37180009	HEMALATHA.M
7	37180010	JOHN WILLIAM.M
8	37180011	KARTHIKA.G
9	37180012	LEKHA.S
10	37180013	NADIMPALLI UMAPATHI VARMA
11	37180014	PRAJEET KUMAR PANDA
12	37180015	RIYAZ AHAMED.L
13	37180016	RONALDO JOYWIN
14	37180017	SRI SHAILU.S
15	37180018	SRIRAM JAGANNATHAN
16	37180019	SUPRIYA SINGH
17	37180701	DHANUSH .P.E
18	37180702	HRUTHIK KUMAR REDDY
19	37180703	MOHAN VENKATESH

3.Recent Advances in Robotics and Automaton

Registration Form		Course Objectives	
<i>Value added Course on</i> Recent Advances in Robotics and Automation <i>July 10th and 20th, 2018</i> Name : Designation : Department : Years of Experience : Address for Communication: Contact Details: a. Mobile : b. Email : Accommodation Required : Yes / No (Accommodation will be provided in the University Hostels) Signature		To develop the student's knowledge in various robot structures and their workspace. To develop student's skills in performing spatial transformations associated with rigid body motions. To develop student's skills in perform kinematics analysis of robot systems. To provide the student with knowledge of the singularity issues associated with the operation of robotic systems. . Course Contents • Robot Structure and Workspace • Spatial Transformations 3 • Orientation Matrices • Forward Kinematics • Inverse Kinematics • Robot Controller Contact us Dr.K.Sujatha Dept. of Electronics & Instrumentation, Sathyabama University Jeppiaar Nagar, Chennai 119 Tamil Nadu, India Phone (044)24503167,24501644, 9884402986,9865768867	



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' grade by NAAC

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai -600 119

Value added Course on.

Recent Advances in Robotics and Automation



July 10th and 20th, 2018

Organised by

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION

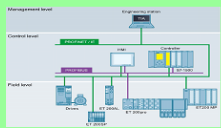
List of Students Attended

2018-2022 BATCH

Sl.No	REGISTER NUMBER	NAME
1	38180001	BENONI ISAAC RAJ. C
2	38180002	BERNARD. A
3	38180003	MALAVIKA. R
4	38180004	MEENA. P. E
5	38180005	RAKESH. S
6	38180006	SARAN RAJ. T

7	38180007	WADKAR SARISH SHASHIKANT
8	38180008	VENDA. E
9	38180009	VINEETHWEL PREM
10	38180010	SURYA. B
11	38180701	BALA VARUN CHOWDARY
12	38180702	IDAMAKANTI BHANUSRI

4.Recent Trends in PLC,SCADA and DCS

Registration Form <i>Value added Course on</i> Recent Trends In PLC SCADA&DCS <i>Feb 20th and 30th, 2019</i> Name : Designation : Department : Years of Experience : Address for Communication: Contact Details: a. Mobile : b. Email : Accommodation Required : Yes / No (Accommodation will be provided in the University Hostels) Signature	Course Objectives Recent trend of merging control systems associated with both factory and process automation demands knowledge from diverse fields. Automation applications span plant automation, discrete and batch process control, embedded machine control and manufacturing production line automation. The industrial automation applications include automation of time critical systems that demand precise real-time readings and control. Course Contents - o Industrial Sensors / Transducer - o Measuring Temperature with Thermocouple & RTD - o Introduction to SCADA and SCADA / HMI Components - o Hardware Configuration of ABB 800F (PM 802F) (process station – PS). Contact us G.RajaLakshmi Dept. of Electronics & Instrumentation, Sathyabama University Jeppiaar Nagar, Chennai 119 Tamil Nadu, India Phone (044)24503167,24501644	 SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY) Accredited with 'A' grade by NAAC Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai -600 119 <i>Value added Course on</i> Recent Trends In PLC SCADA&DCS  <i>Feb 20th and 30th, 2019</i> Organized by Department of Electronics and Instrumentations
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List of Students Attended

2016-2020 BATCH

S.No.	Reg.no.	Name
1	3618001	ABITHA. N
2	3618002	AJAY AGARWAL. R

3	3618003	AJIT SINGH
4	3618004	ALOK PRATAP SINGH
5	3618005	ANIMESH SUTAR
6	3618006	ARJA DAS. A
7	3618007	ARUN KUMAR. P
8	3618008	CHILAVANURU PAVITHRA
9	3618009	DINESBALAJI. K.P
10	3618010	EDULA RANGA LOKESH REDDY
11	3618011	GANESA PERUMAL. R
12	3618012	GLORY CARMEL. C. A
13	3618013	GOKUL. G
14	3618014	HANISH. N
15	3618015	HARSH VARDHAN SHAHI
16	3618016	HIMANSHU KUMAR
17	3618017	JANAKI RAMAN. P
18	3618018	KEERTHANA. S
19	3618019	LENIN KUMAR. K
20	3618020	MANIMEKALAI. R
21	3618021	MONICA. C
22	3618022	MUPPIDI SATYA VARSHITHA
23	3618023	NAIR SACHIN MURALIDHARAN
24	3618024	NARAYANAN. SP
25	3618025	PATIL NIKHIL PRAKASH
26	3618026	PRATEEK
27	3618027	PRATHI SUDHEER VENKATA SAI RAM
28	3618028	PURUSHOTTAM ROY
29	3618029	RAJ RAVI
30	3618030	RESHMA. V
31	3618031	ROHITH. V
32	3618032	SANDHIYA. S
33	3618033	SANTHOSH. K
34	3618034	SAPDASWARYA. S
35	3618035	SHALINI. R
36	3618036	SHANTANU SAHA
37	3618037	SIBA PRASAD CHOUDHURY. N
38	3618038	SULAGA DOLA SIVA SAI HARISH
39	3618039	VIGNESH. R
40	3618040	VARSHINI. R

5. Development Tools for Industrial Monitoring & Control

Registration Form	Course Objectives	
<i>Value added Course on</i> Development Tools for Industrial Monitoring & Control <i>Jan 20th and 30th, 2019</i> Name : Designation : Department : Years of Experience : Address for Communication : Contact Details: a. Mobile : b. Email : Accommodation Required : Yes / No (Accommodation will be provided in the University Hostels) Registration Fees Details: Signature	The aim of this course is to work at a high level in industry with automation and control systems and to give extensive hands on practice of implementing the automation, control and monitoring of industrial processes and fault-finding Course Contents • verify automation / control systems using good design practice; • design, install and maintain automation and control systems; • work at a high level in industry with automation and control systems; • employ high-level PLC control systems in the computer integration of a manufacturing process; • evaluate methods of data handling and conversion Contact us T.Thaj Mary Delsy Dept. of Electronics & Instrumentation, Sathyabama University Jeppiaar Nagar, Chennai 119 Tamil Nadu, India Phone (044)24503167,24501644, 9884402986,9865768867	 SATHYABAMA UNIVERSITY (Established under section 3 of the UGC Act, 1956) Declared as category 'A' University by MHRD, Government Of India Accredited by NAAC (A CHRISTIAN MINORITY INSTITUTION) Jeppiaar Nagar, Rajiv Gandhi Road, Chennai – 600119 Value added Course on Development Tools for Industrial monitoring & Control  Jan20 and 30 , 2019 Organised by DEPARTMENT OF ELECTRONICS & INSTRUMENTATION

List of Students Attended

2018-2022 BATCH

Sl.No	REGISTER NUMBER	NAME
1	38180001	BENONI ISAAC RAJ. C
2	38180002	BERNARD. A
3	38180003	MALAVIKA. R
4	38180004	MEENA. P. E
5	38180005	RAKESH. S

6	38180006	SARAN RAJ. T
7	38180007	WADKAR SARISH SHASHIKANT
8	38180008	VENDA. E
9	38180009	VINEETHWEL PREM
10	38180010	SURYA. B
11	38180701	BALA VARUN CHOWDARY
12	38180702	IDAMAKANTI BHANUSRI