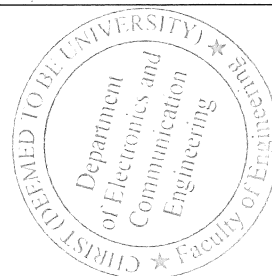




Faculty Of Engineering
Department of Electronics & Communication Engineering

REPORT ON DEPARTMENT EVENTS

Academic year & Semester	2020-21, ODD	
Name of the Department	ECE	
PoC Faculty Member for clarifications (write email ID & mobile number for contact)	Prof. Delson T R delson.tr@christuniversity.in 7760327703	
Details of the Event		
Name of Event	Webinar	
Description of the Event (seminar/workshop/guest lecture/hands on practice/Industrial Visit)	Webinar – Machine Learning to Deep Learning: An Algorithmic Perspective	
Address & contact details of Resource Persons/Speakers if any (provide email ID & mobile number of all the speakers)	Dr. Asharaf S, Professor, IIITMK	
No. of Days event held	One	
Date(s) and Duration	Date: 29 Aug 2020	Time: 3:00 pm
Any amount spent for the event ?	Nil	
Details of participants attended the event		
Number of guests from outside university	Nil	
Students & faculty members from the department	144	
Students & faculty members from Faculty of Engineering (other depts.)	-	
Total Participants	144	
Is Attendance list enclosed? If no, specify the reason	YES	



Faculty of Engineering and Technology
Department of Electronics and Communication Engineering
Report on Webinar conducted 2020-21

4. Webinar - “Machine Learning to Deep Learning: An Algorithmic Perspective”

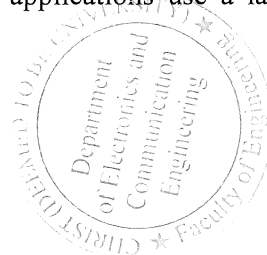
PRESENTED BY

Dr. Asharaf S
Professor, IITMK

29-08-2020 (03:00 P.M.)

Dr. Asharaf S conducted webinar talk on Machine Learning to Deep Learning: An Algorithmic Perspective. Machine learning is the general term for when computers learn from data. It describes the intersect of computer science and statistics where algorithms are used to perform a specific task without being explicitly programmed; instead, they recognize patterns in the data and make predictions once new data arrives. In general, the learning process of these algorithms can either be supervised or unsupervised, depending on the data being used to feed the algorithms. A traditional machine learning algorithm can be something as simple as linear regression. For instance, imagine you want to predict your income given your years of higher education. In a first step, you have to define a function, e.g. $\text{income} = y + x * \text{years of education}$. Then, give your algorithm a set of training data. This could be a simple table with data on some people’s years of higher education and their associated income. Next, let your algorithm draw the line, e.g. through an ordinary least squares (OLS) regression. Now, you can give the algorithm some test data, e.g. your personal years of higher education, and let it predict your income. While this example sounds simple it does count as machine learning – and yes, the driving force behind machine learning is ordinary statistics. The algorithm learned to make a prediction without being explicitly programmed, only based on patterns and inference. Deep learning algorithms can be regarded both as a sophisticated and mathematically complex evolution of machine learning algorithms. The field has been getting lots of attention lately and for good reason: Recent developments have led to results that were not thought to be possible before.

Deep learning describes algorithms that analyze data with a logic structure similar to how a human would draw conclusions. Note that this can happen both through supervised and unsupervised learning. To achieve this, deep learning applications use a layered structure of





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algorithms called an artificial neural network (ANN). The design of such an ANN is inspired by the biological neural network of the human brain, leading to a process of learning that's far more capable than that of standard machine learning models. The talk was well received by students and faculty members in the department.

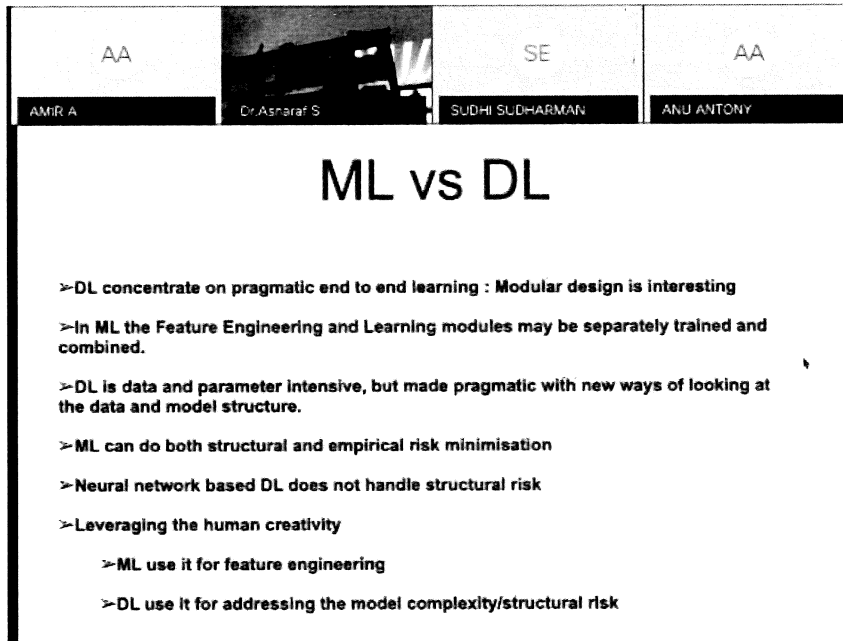
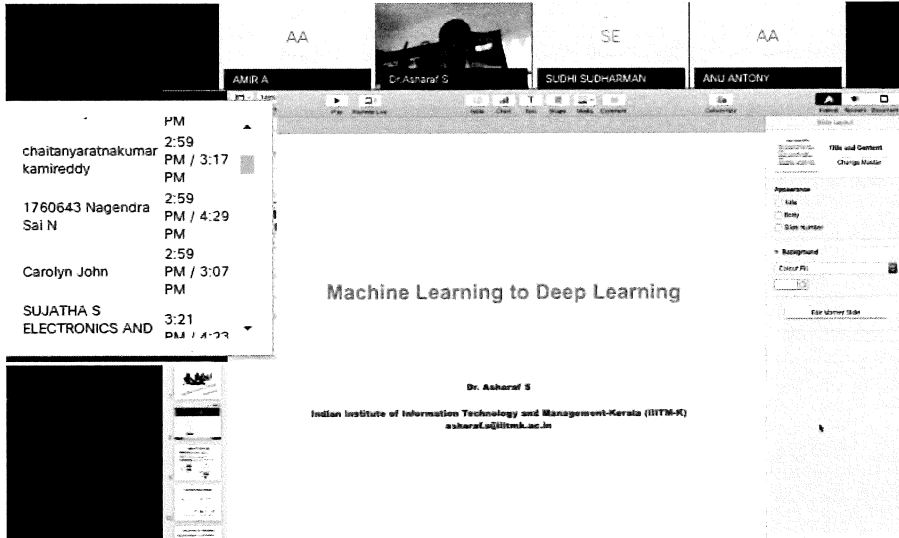




Webinar - "Machine Learning to Deep Learning: An Algorithmic Perspective"

Date: 29.08.2020

Event Photos





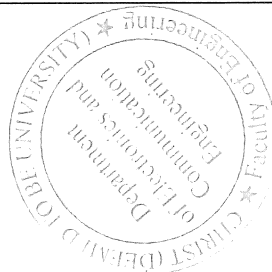

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Webinar - "Machine Learning to Deep Learning: An Algorithmic Perspective"

Date: 29.08. 2020

Event Attendance

Sl. No.	NAME	Email-ID	Entry time	Exit time
1	AMIR A	amir.a@christuniversity.in	14:40:20	16:29:20
2	A.HARIRAJ	a.hariraj@btech.christuniversity.in	15:07:41	16:28:06
3	AAKANKSH CHITTIPROLU	chittiprolu.aakanksh@btech.christuniversity.in	15:03:21	16:29:20
4	ABBINAYA J	j.abbinaya@btech.christuniversity.in	14:51:33	16:25:20
5	ABHISHEK	abhishekkumar@btech.christuniversity.in	14:55:10	16:29:03
6	ABIN CHALSON	abin.chalson@btech.christuniversity.in	15:40:59	16:25:07
7	ADARSH S	adarshsunil@gmail.com	15:13:11	16:25:28
8	ADITHI SANTHOSH	adithi.santhosh@btech.christuniversity.in	15:09:52	16:21:34
9	ADITI KAUSHIK	aditi.kaushik@btech.christuniversity.in	15:05:27	16:22:20
10	AJAY S	ajay.s@btech.christuniversity.in	15:13:08	16:29:20
11	AKHIL BENNY	akhil.benny@btech.christuniversity.in	14:59:28	16:29:20
12	ALDRIN FIGURADO	aldrin.figurado@btech.christuniversity.in	14:54:20	16:29:20
13	ALWIN	alwin.varghese@btech.christuniversity.in	14:47:30	16:26:20
14	AMAL J DEV	amal.dev@btech.christuniversity.in	15:03:30	16:08:59
15	ANGELO WILSON	angelo.wilson@commerce.christuniversity.in	15:14:40	15:19:06
16	ANIKET LAWANIYA	aniket.lawaniya@btech.christuniversity.in	15:25:04	15:52:23
17	ANISH	korivi.venkata@btech.christuniversity.in	14:59:48	15:29:36
18	ANITA JOSE	anita.jose@btech.christuniversity.in	14:56:55	16:29:20
19	ANN NETTO	annnita87@gmail.com	14:49:21	16:23:05
20	ANNAVAJALA	annavajjala.abhiram@btech.christuniversity.in	15:15:47	15:18:46
21	ANTHAPU UMADEVI	anthapu.umadevi@btech.christuniversity.in	15:13:01	16:23:41





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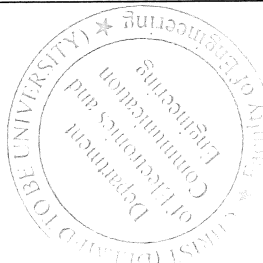
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23	ANU ANTONY	anu.antony@christuniversity.in	14:56:07	16:29:20
24	APARNA SOMASEKHARAN	aparna.somasekharan@btech.christuniversity.in	14:54:23	16:22:49
25	ARCHIT THAKURGOTA	archit.thakurgota@btech.christuniversity.in	14:47:53	16:29:20
26	ARVIND R	arvind@btech.christuniversity.in	14:55:56	16:23:54
27	ASHISH	ashish.nair@btech.christuniversity.in	15:00:01	16:23:13
28	ASHISH REDDY	kancham.ashish@btech.christuniversity.in	14:54:10	14:55:08
29	ASWATHA KUMAR MATTUR	aswathakumara.m@christuniversity.in	15:00:31	16:29:20
30	ASWATHA M	aswathakumara.m@christuniversity.in	16:27:43	16:28:08
31	AYUSHMAN GURUNG	ayushman.gurung@science.christuniversity.in	15:09:22	15:20:02
32	AYYUB ALI	mca_rahi@yahoo.co.in	15:04:02	16:29:20
33	BANDI SUPRIYA	bandi.supriya@btech.christuniversity.in	15:00:16	16:22:39
34	BHASKAR GONUGUNTA	gonugunta.bhaskar@btech.christuniversity.in	15:04:34	16:29:20
35	BHAVANA P	bhavana.p@btech.christuniversity.in	14:51:02	16:22:41
36	BIMAL BOBY	bimal.boby@btech.christuniversity.in	15:08:12	16:14:26
37	BOBBY JOSE	bobby.jose@res.christuniversity.in	15:26:41	16:22:39
38	CALEB BHASKAR	caleb.bhaskar@btech.christuniversity.in	15:01:27	16:29:20
39	CAROLYN JOHN	carolynjohn007@gmail.com	14:50:44	15:07:33
40	CHAITANYARAT NAKUMAR KAMIREDDY	chaitanya.kumar@btech.christuniversity.in	14:57:38	16:18:18
41	CHANDRA MUKHERJEE	chandra.mukherjee@christuniversity.in	15:01:12	16:14:09
43	CHELSEA AURELIA	chelsea.aurelia@btech.christuniversity.in	14:57:08	16:27:34
44	CHIDAMBARAM S	chidambaram.s@christuniversity.in	15:13:38	16:22:43
45	CHRISTINA T.J	christina.t@btech.christuniversity.in	14:55:05	16:24:01





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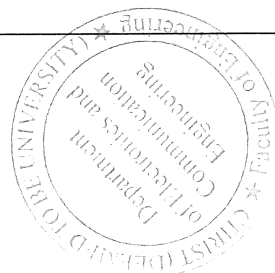
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47	DANIEL C JOHN	daniel.c@btech.christuniversity.in	15:03:10	16:25:24
48	DANIEL HOF	daniel.hof@t-online.de	14:53:10	16:22:49
49	DINESH REDDY	polakala.dinesh@btech.christuniversity.in	15:01:06	16:22:47
50	DION	dion.praveen@btech.christuniversity.in	15:57:14	16:29:20
51	DISHA BUNDELA	bundela.hitenbhai@mca.christuniversity.in	14:59:30	15:18:54
52	DR.ASHARAF S	asharaf.s@iiitmk.ac.in	14:55:19	16:22:43
53	EROL D'SILVA	erol.john@btech.christuniversity.in	14:50:39	16:24:30
54	ESWAR G	eswar.1801034@srec.ac.in	15:07:26	16:03:26
55	GADDAM SAI VENNELA	gaddam.sai@btech.christuniversity.in	14:52:33	16:24:11
56	GAYATHRI RAMACHANDRAN	gayathri.p@btech.christuniversity.in	14:56:30	16:23:01
57	GIRISH KUMAR	girish.k@res.christuniversity.in	15:06:59	16:22:49
58	GLADIS P SAJI	gladis.p@btech.christuniversity.in	14:59:58	16:22:37
59	GR BHARATH	gr.bharath@btech.christuniversity.in	14:58:05	16:25:41
60	GURUMURTHY BASAVANYAPP A	gurumurthy.sb@res.christuniversity.in	15:00:08	16:25:35
61	HARINI N	harini.n@btech.christuniversity.in	14:59:01	16:22:36
62	HARSHIT POTU	potu.harshit@btech.christuniversity.in	15:03:32	16:29:20
63	HEMANTH CHARAN REDDY K	kovvuru.hemanth@btech.christuniversity.in	15:03:34	16:28:09
64	HEMANTH RUTTALA	ruttala.hemanth@btech.christuniversity.in	14:55:40	15:43:55
65	JASON DAVID S	jason.david@btech.christuniversity.in	14:58:37	16:22:36
66	JAYAM LIKITHA	jayam.likitha@btech.christuniversity.in	15:41:07	16:29:20
67	JAYANTH ESWAR REDDY 1960607	lingireddy.jayanth@btech.christuniversity.in	14:55:35	16:23:56
68	JENNATH H.S	jennath@gmail.com	15:04:56	16:25:11





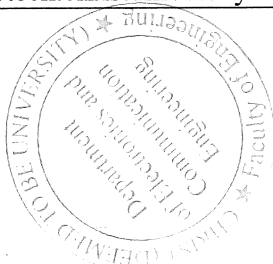
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72	KANCHAN ASHISH	kancham.ashish@btech.christuniversity. in	14:57:53	16:25:05
73	KANEKAL NUZHATH SAMREEN	kanekal.nuzhath@btech.christuniversity .in	14:59:56	16:29:20
74	KARIM NAYAKGARI SOHAIL AHAMMED	karim.ahammed@btech.christuniversity .in	15:00:02	16:12:14
75	KELLY MARTIN	kelly.martin@btech.christuniversity.in	14:49:05	16:02:52
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78	KUMAR VIGNESWAR	meka.kumar@btech.christuniversity.in	15:04:11	16:29:20
79	KUSUMA B	kusuma.b@btech.christuniversity.in	14:56:00	16:24:12
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81	MAMILLA TEJASWANI	<u>mamilla.tejaswani@btech.christuniversi ty.in</u>	14:58:37	16:29:20
82	MANIDEEP REDDY	s.manideep@btech.christuniversity.in	14:52:09	16:22:49
83	MANISHA	lingala.manisha@btech.christuniversity. in	14:56:21	16:22:36
84	MARIYA SNEHA	mariya.sneha@btech.christuniversity.in	14:48:13	16:29:20
85	MARUPUDI DHARANEESH	m.dharaneesh@btech.christuniversity.in	15:32:20	16:29:20
86	MEGHA CHANDRA N V	nandyala.veera@btech.christuniversity.i n	15:14:32	16:05:58



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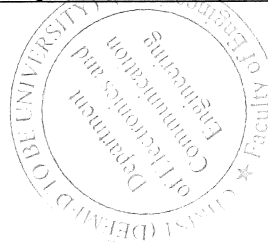
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89	MOGALLURI SRIKANTH	mogalluri.srikanth@btech.christuniversity.in	15:07:59	16:29:20
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92	NAGENDRA SAIN	nandimandalam.nagendra@btech.christuniversity.in	14:58:43	16:29:20
93	NARAYANA PADMANABHAM TEJA GANESH	narayana.padmanabham@btech.christuniversity.in	15:00:19	16:29:20
94	NEERAJ PUPPALA	neeraj.puppala@btech.christuniversity.in	15:00:37	16:17:33
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97	NISHITA N MURTHY	nishita.n@btech.christuniversity.in	14:56:24	16:29:20
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103	PRATAP KUMAR J	pratap.kumar@res.christuniversity.in	15:38:58	15:42:37
104	PRATIK KRISHNA PORTE	pratik.krishna@btech.christuniversity.in	15:05:10	16:14:14
105	PRATIK SANTHOSH	pratik.santhosh@btech.christuniversity.in	15:01:29	15:33:23
106	PRAVEEN KUJUR	praveen.kujur@btech.christuniversity.in	15:01:28	16:26:39
107	PRAVEEN P	praveen.p@btech.christuniversity.in	14:56:59	16:23:49





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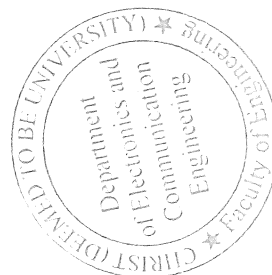
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109	RAJIMOL R. R	rajimoljojo@gmail.com	14:58:12	16:25:05
110	RAJITH J	babasappa.jampapuram@btech.christuniversity.in	16:03:44	16:07:45
111	RAKUL AV	rakul.av@btech.christuniversity.in	14:58:18	15:24:36
112	RISHITH RAO	rishith.rao@btech.christuniversity.in	14:53:16	16:29:20
113	RIYA YOGESH	riya.yogesh@btech.christuniversity.in	15:03:13	16:29:20
114	ROHAN KRISHNAN	krishnan.rohan@science.christuniversity.in	15:03:31	16:00:40
115	ROHAN ROSARIO	rohan.rosario@btech.christuniversity.in	14:57:25	16:14:44
116	ROHITH KETHIREDDY	kethireddy.rohith@btech.christuniversity.in	15:42:29	16:29:20
117	RONIE	ronie.marcelo@btech.christuniversity.in	15:15:30	16:25:03
118	ROSE RAJAN	rose.rajan@btech.christuniversity.in	14:59:15	16:02:58
119	SA NAVANEET	peddapalli.sai@btech.christuniversity.in	14:58:58	16:24:04
120	SABI VIJI	sabi.viji@btech.christuniversity.in	14:55:19	16:22:55
121	SAGINALA LAKSHMI LAHARI	saginala.lakshmi@btech.christuniversity.in	15:05:44	16:24:50
122	SAI DHIKSHITA BHANDARU	sai.dhikshita@btech.christuniversity.in	15:03:00	15:12:17
123	SAI RAKSHITHA	sai.rakshitha@btech.christuniversity.in	15:10:53	16:23:10
124	SANGEERTH VINOD	sangeerth.vinod@btech.christuniversity.in	14:58:21	16:23:52
125	SANJANA SANDEEP	sanjana.sandeep@btech.christuniversity.in	15:00:45	16:23:26
126	SANJAY DATTA	peddakotla.sanjaydatta@btech.christuniversity.in	15:11:19	16:29:20
127	SARA NEELIYARA	sara.neeliyara@science.christuniversity.in	15:02:42	16:22:48
128	SEBIN JAISON	sebinjaison49@gmail.com	15:46:47	16:22:38
129	SHARMISTA RAI	sharmista.rao@btech.christuniversity.in	15:00:55	16:29:20





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130	SHARON J	sharon.jose@btech.christuniversity.in	15:02:53	16:08:00
131	SREERAM MS	mallepoola.siva@btech.christuniversity.in	15:06:24	16:13:38
132	STEFFY MARIA JOSEPH	steffymaria89@gmail.com	14:54:53	16:22:44
133	SUDHI SUDHARMAN	sudhi.sudharman@christuniversity.in	14:56:17	16:29:20
134	SUHAIL AHAMED	suhail.ahamed@ibmt.fraunhofer.de	14:54:31	16:24:40
135	SUJATHA S	sujatha.s@christuniversity.in	14:53:26	16:23:19
136	SUMI SEKHAR	sumi.sekhar@btech.christuniversity.in	14:52:32	16:26:37
137	SURATA RAJANI PHD	surata.rajani@res.christuniversity.in	15:01:58	16:23:21
138	SWETHA SUNITH	swetha.sunith@btech.christuniversity.in	14:51:56	15:42:31
139	SYEDA MARIYAM	syeda.mariyam@arts.christuniversity.in	15:13:05	16:29:20
140	TALARI JAGADEESH	talari.jagadeesh@btech.christuniversity.in	15:40:42	16:29:20
141	V SNEKA	sneka.1901230@srec.ac.in	14:53:34	14:53:53
142	VINU NARAYAN	vinunarayanoofficial@gmail.com	15:05:42	16:25:04
143	VISWANATH HESARAGHATTA	viswanath.hl@christuniversity.in	14:53:28	16:04:44
144	VIVEK GUMMANUR	gummanur.vivek@btech.christuniversity.in	15:06:16	15:07:09



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Department of Electronics and Communication
Engineering**

presents

Webinar Series on " Core Technologies Xplored "



**Mobile Robotics from
Path Planning to Control**

Dr. Robins Mathew

Post-Doctoral Research Fellow
University College Dublin,
Ireland

15 August 2020, 3:00 P. M.

To register for this Webinar: [Click Here](#)



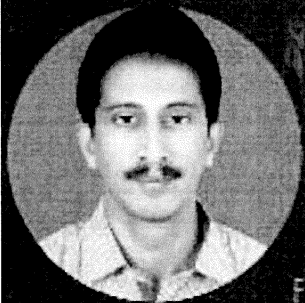
**Advancement in Embedded
Systems: Era of IoT and AI**

Mr. Vysakh P. Pillai

Principal Engineer
Microchip Technology,
Bengaluru

22 August 2020, 6:00 P. M.

To register for this Webinar: [Click Here](#)



**Machine Learning to Deep
Learning: An Algorithmic
Perspective**

Dr. Asharaf S.

Professor, IIITMK, Kerala
Founder at Kerala Blockchain
Academy

29 August 2020, 3:00 P. M.

To register for this Webinar: [Click Here](#)



Chip Design : The Vital Link

Mr. Robin Davis

Executive Account Manager
Synopsys India Pvt. Ltd.

5 September 2020, 6:00 P. M.

To register for this Webinar: [Click Here](#)

 August 15 - September 5

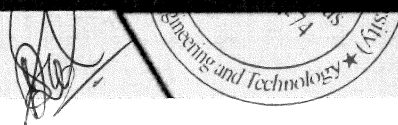
Registration compulsory for each session

For further information contact us on
aneesh.v@christuniversity.in

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