

CYBERBLITZ

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CYBERBLITZ NEWSLETTER JAN 2020 - JUNE 2020

PROGRAMMES Organized by the department:

Category A	No	Topic	Speakers/ Resource Per- sons	Sponsors/ Collaborators if any	Duration & Dates	Attended by (give num- bers)	
						Exter- nal Partici- pants	Internal Partici- pants
Workshop	1	IoT Workshop (Embedded Sys- tems - Session I)	Krishnaprasad T P (Student S8 CS B), Mr. Uday Babu P (Asst. Professor)	NIL	½ Day, 29th January 2020	0	14
Symposium	1	AI and Machine Learning	Prof Dominic Mathew	RSET	Feb 2020 till June 2020	0	25
Faculty De- velopment Programme	1	Faculty De- velopment Programme on Machine Learning and Deep Learning through online	Mr. Chahat Agarwal and Ms. Rinu Mi- chael, Machine Learning and Deep Learning engineers at TCS Research and Innovation department	Dept. of CSE & Dept of IT, in collabora- tion with Tata Consultancy Services	3 Days 18th May 2020 to 20th May 2020.	0	68
Orienta- tion(Bridge Course)	1	'Logic De- velopment & Introduction to Programming	Mr. Ajith S Ms.Jyotsna A Ms.Amitha Mathew Ms.Marypriya Ms.Anita John Mr.Paul Augus- tine Dr.Varghese Paul Dr.Renu Mary Jincy J Fernan- dez	RSET	3 days 13th 14th and 18th January 2020	0	130

Category B	No	Topic	Delivered By	Sponsors/ Collaborators if any	Duration & Dates	Attended by (give numbers)	
						External Partici- pants	Internal Partici- pants
Webinar	1	Evolution of Transformers and Hands on Text Generation Using GPT2	Abhinav Thomas (Machine Learning Engineer, SAP Lab India)	NIL	23rd June 2020	7	37
Talk & Demo Session	1	Ethical Hacking- Essential Security Skills	Mr Gopinath Arumugam - XPLORE IT CORP, Coimbatore	XPLORE IT CORP, Coimbatore	2.30 pm to 4.30 pm 30-01-2020	0	Semester IV Students

Organized by other institutions/organizations and attended by our faculty:

Category C	No	Topic	Organized by (give name & place in full)	Duration & Date	Name of faculty member	Paper Pre- sentation (give Title of Paper)/ Re- source Person
Workshop	1	Design Thinking ML & AI Using	SBL Knowledge Services, Madurai	8 hours, 11th Jan 2020	Dr. K. S. Mathew	Dr. K. S. Mathew
	2	Covid-19 Virus Data Analysis	Finland Labs In Association with National Social Summit, IIT Roorkee	2 Days 9th May to 10th May, 2020.	Dr. Renu Mary Daniel	
	3	Block Chain Technology	Ganapath University & ACM Ahamedabad Chapter	2-May-20	Dr Jisha G Dr Varghese Paul	
	4	ASICS OF CYBER SECURITY & FORENSICS	Organized by PG Dept. of Computer Science by ANSAR WOMEN'S COLLEGE PERUMPI-LAVU	19-5-2020	Mr. Paul Augustine	
Training Programme	1	Time Management	SBL Knowledge Services, Madurai	8 hours, 4th Jan 2020	Dr. K. S. Mathew	Dr. K. S. Mathew
	2	Electric Vehicle Scope Challenges and Developments	CUSAT & THDC Institute of Hydro-power Engineering Uttarakhand.	January 3-10	Dr.Varghese Paul	

Category C	No	Topic	Organized by (give name & place in full)	Duration & Date	Name of faculty member	Paper Presentation (give Title of Paper)/ Resource Person
Training Programme	3	Unstructured data analysis and NLP	ICFOSS	6th to 18th January 2020	Sangeetha Jamal	
	4	Scope, Schedule & Cost Management (as part of PMP Training)	PMI Trivandrum, Kerala	1 day, 16th Feb 2020	K. S. Mathew	K. S. Mathew
Faculty Development Programme	1	Deep Learning	College of Engineering, Trivandrum	6 days, 30th Dec' 19 - 4th Jan 2020	Ms. Seema Safar	Dr. Ram Prasad (Director, VisionCog)
	2	Faculty Development Program On Artificial Intelligence & Machine Learning Using Python	Finland Labs in Association with National Social Summit, IIT Roorkee	5 days, 25 May to 29 May, 2020	Dr. Renu Mary Daniel	
	3	Research Methodology and Scientific Writing	IQAC, SREE BUDDHA COLLEGE OF ENGINEERING, ALAPPUZHA	3 DAY 29th June 2020 - 1st July 2020	Ms. Dincy Paul Ms.Jisha Mary Jose	
	4	AICTE Incorporating Universal Human Values in Education' (An AICTE Initiative)	AICTE	5 Day 20th June to 24th June 2020	Dr Jisha G	
	5	Data Analytics With Python	NITTTR, Chandigarh	5 Day 22 June to 26th June 2020	Dr Jisha G	
	6	DATA SCIENCE CONCEPTS-THEORETICAL AND PRACTICAL APPROACH	SRM University	5 Day June 15 2020 to June 19 2020	Mr. Paul Augustine Ms. Jyotsna A.	
	7	Machine Learning and Deep Learning	conducted by Tata Consultancy Services	18-May-2020 till 20-May-2020	Ms. Jyotsna A.	
Refresher	1	Pedagogical Innovations and research methodology	ARPIT- AICTE	October2019 - January 2020 (16 week course)	Dincy Paul	
Courses	1	Python Data structures Programming for Everybody	Coursera	15th Jan 2020	Sangeetha Jamal	
	2	How Google does Machine Learning” an online course	authorized by Google Cloud and offered through Coursera.	April 17 to April 23, 2020	Dincy Paul	
	3	Neural Networks and Deep Learning	deeplearning.ai offered by Coursera	4 weeks, 17/05/2020	Sangeetha Jamal	

Category C	No	Topic	Organized by (give name & place in full)	Duration & Date	Name of faculty member	Paper Presentation (give Title of Paper)/ Resource Person
Courses	4	Introduction to internet of things	NPTEL Course	Jan-Apr 2020 semester.	Ms. Jyotsna A. Dr. Dhanya P. M. Mr Paul Augustine Mr. Uday Babu Ms. Tripti C. Mr. Varghese S. C.	
	5	Artificial Intelligence (4 week course)	Coursera	May 10 2020	Mr Paul Augustine	
	6	Programming for Everybody (Getting Started with Python 4 week course)	Coursera	June 7 2020 (4 week Course)	Mr Paul Augustine	
	7	AI for Everyone	Coursera	May 13th 2020((4 week Course)	Mr.Paul Augustine	
Talk	1	Data Security using Cryptography	Muthoot Institute of Technology and Science	18th February 2020	Dr. Varghese Paul	Dr. Varghese Paul
Lecture	1	Research Ethics	NPTEL Special Lecture series	24/04/2020	Sangeetha Jamal	Prof Srinivas Chakravarthy, Professor, IIT Madras
	2	Bharati script	NPTEL Special Lecture series	13/05/2020	Sangeetha Jamal	Dr. Aradhna Malik
Seminar	1	“Data Science: What it is & how to choose a course?”	Amritha school of Engineering, Coimbatore	24/04/2020	Sangeetha Jamal	Premjith B
	2	A workshop on Improving Research Planning & Writing Skills at Technical Institutes	AICTE	28/04/2020	Sangeetha Jamal	
	3	AICTE Quality Initiatives, NITTT & NEAT	Organized by AICTE, Ministry of HRD, Govt. of India at Federal Institute of Science and Technology, Angamaly.	24/04/2020	Sangeetha Jamal	

Faculty of the department who have left the institution:

No.	Name	Designation	Period of service	Reason (higher studies etc – provide details)	Significant contributions to the institution
1	Deepa John	Assistant Professor	16th June 2008 to 31st May 2020	Personal	NAAC Coordinator

Faculty appointments in the department:

No.	Name	Qualification	Institution from which the candidate has obtained the degree	Experience – years & organization	Designation
1	Archana Devi R	MTech.	NIT CALICUT	6 years 6 months in Amrita Vishwa Vidyapeetham, Ettimadai, Coimbatore	Assistant Professor
2	Dr.Renu Mary Daniel	MTech, PhD	Karunya Institute of Technology and Sciences	1 year in Sree Narayana Guru College of Engineering and Technology, kannur ; 4 years full time research experience in Karunya Institute and Technology and Sciences	Assistant Professor

Conference Publications:

No.	Name	Conference Details (name, place, organized by, dates)	Title of Paper	Published in	Issue No & Page Nos.
1	Archana Devi R	International Conferences on Advances in Distributed Computing and Machine Learning(ICAD-ML-2020), VIT Chennai, Jan 2020	Prevention and Detection of SQL Injection Attacks Using Generic Decryption	Springer	Vol 127 pp 165-172

No.	Name	Conference Details (name, place, organized by, dates)	Title of Paper	Published in	Issue No & Page Nos.
2	Archana Devi R	International Conferences on Advances in Distributed Computing and Machine Learning(ICAD-ML-2020), VIT Chennai, Jan 2020	Prevention and Detection of SQL Injection Attacks Using Query Tokenization	Springer	Vol 127 pp 165-172
3	Meharban M S	International Conference on Advanced Computing & Communication Systems (ICACCS,coimbatore	A review on Image captioning and speech synthesis	IEEE (Proceedings)	2&353-357

Projects Sanctioned:

No.	Name of Principal Investigator	Title	Project Outlay(Total Amount)	Sponsor/ Funding Agency	Type Of Project	Duration Of the Project	Amount Recieved
1	Meharban M S	Composite Face Image Synthesis	10000	KSCSTE	Student	6 months	10000

MoU Signed

No	Name of organization	Date of MoU	Purpose & Activities	Number of beneficiaries(Students/Teachers	Initiator
1	Rajagiri Hospital	01-06-2019	Project & Research Collaboration	12 students, 2 teachers	NLP Research Team

ASSOCIATION ACTIVITIES/CO/EXTRA CURRICULAR ACTIVITIES ORGANIZED

No	Name of activity	Coordinators	Duration & Date	Number of participants
1	Diving into the world of Deep learning	Ms.Seema Safar Ms.Archana Devi R	1 hr, 31-01-2020	180
2	CrypticCrossword		6-3-2020	CSE students

Organized by other institutions/organizations and attended by our students:

Category D	No	Topic	Organized by	Duration & Date	Name of student with Student ID Number
Idea Presentation	1	Accelerated Innovation Track of young innovators program	K-DIC	23rd January 2020	Manas Manohar
Others –Project Exhibition & Competitions	1	Reboot Kerala Hackathon 2020			Vinay Narayan S6 CS C Ajay Padmanabhan S6 CS A Adithya MS S6 CS A Agesto Boney S4 CSA Anisha Anil S4 A Sradha Suresh S4 C
Others – Internships etc (Please specify)	1	Online Internship on Geo mapping using OSM	KTU NSS cell and Kerala state IT mission	5 days (April to May 2020)	Maria Rojo Jose (U1903142) HEMAL SEBASTIAN (u1903092)
Accomplishments	1 2	Introduction to Python Fundamentals of digital marketing Certification exam	Datacamp Google	4 weeks, April 2020 2nd May to 8th May 2020	Jisha J(u1903106) Maria Rojo Jose (U1903142)

Category D	No	Topic	Organized by	Duration & Date	Name of student with Student ID Number
Competitions	1	First position in the Code Debugging	IEEE Kochi Hub Inter Student Branch cluster competition	2nd May to 8th May 2020	Manu Krishnan N S (u1903139)
	2	Third place in CodeWars-online coding competition	Exuro'20 ,IEEE Student Branch ,TKM College of Engg	12th May 2020	Manu Krishnan N S (u1903139)
	3	Participated for PyCode & Lol-Code coding competition	IEEE Kochi Hub Inter Student Branch cluster competition	12th May 2020	Manu Krishnan N S (u1903139)
	4	Master Blaster E-Quiz(HTML,C,C++,Python)	PSNA College of Engineering and Technology	10-06-2020	Edwin Rajesh U1903074 Jessica George U1903103 Emilin Antony U1903075 Jans Johnson U1903096 Maria Rojo Jose U1903142
	5	Math Tampering	PG & Research dept. of mathematics,hindusthan college of arts and science	8-6-2020	Emilin Antony U1903075

EDITORIAL BOARD

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Ms. Jyotsna A