



RSET

RAJAGIRI SCHOOL OF
ENGINEERING & TECHNOLOGY
(AUTONOMOUS)



January – June
2022

CYBERBLITZ NEWS LETTER



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A1. Programmes organized by the Department

Dates from- (DD-MM- YYYY)	Dates to- (DD-MM- YYYY)	Type of the programme	Title of the programme	No. of participants
03-01-2022	03-01-2022	Course	Security & Block Chain Technologies	86
24-01-2022	29-01-2022	FDP	FDP on Computational Intelligence and Bio-inspired Systems	69
10-02-2022	10-02-2022	Courses	Computing with Amazon Web Services	
25-04-2022	29-04-2022	Bridge Course	Bridge Course on Logic Development and C Programming	150
26-04-2022	26-04-2022	Courses	Technical Document Writing using LaTeX	70
29-04-2022	29-04-2022	Courses	LaTeX Beamer	70
26-04-2022	26-04-2022	Courses	Data Visualization in Python	37
16-05-2022	31-07-2022	Courses	Linux Networking and Administration	65
16-05-2022	31-07-2022	Courses	Web Development using Python	65
16-05-2022	31-07-2022	Courses	web Development using HTML and Node js	65

F1. Faculty as Participant/Speaker/Resource Person outside RSET

Date from- (DD-MM- YYYY)	Date to- (DD-MM- YYYY)	Type of the programme	Title of the Programme /Paper	Role	Organizer	Faculty Name
14-03-2022	18-03-2022	FDP	FDP on Advances in Natural Language Processing using AI	Participant	Vimal Jyothi Engineering College Chemberi	Dr. Uma Narayanan
24-02-2022	25-02-2022	Conference	Deep Learning Network Architecture using Evolutionary Algorithms: A Review	Participant	Centre for Machine Learning and Intelligence, Avinashilingam Institute for Home Science and Higher Education for Women	Ms.Amitha Mathew
05-03-2022	05-03-2022		A novel Hash function based on Cellular Automata Technology	Participant	NIT Calicut	Ms Anita John P

18-05-2022		Workshop	“Quality Research and UGC-CARE Journals”	Participant	Centre for Machine Learning and Intelligence, Avinashilingam Institute for Home Science and Higher Education for Women	Amitha Mathew
08-04-2022		Training Programme	“SIGMAPLOT 14.5 – Data Visualization and Analysis”	Participant	Centre for Machine Learning and Intelligence, Avinashilingam Institute for Home Science and Higher Education for Women	Amitha Mathew
04-04-2022	06-04-2022	Training Programme	Environmental Sustainability and Research Ethics	Participant	Centre for Machine Learning and Intelligence, Avinashilingam Institute for Home Science and Higher Education for Women	Amitha Mathew
04-04-2022	06-04-2022	Training Programme	Environmental Sustainability and Research Ethics	Participant	Centre for Machine Learning and Intelligence, Avinashilingam Institute for Home Science and Higher Education for Women	Amitha Mathew
24-01-2022	29-01-2022	FDP	BigData Analytics And Security with Block Chain	Participant	Sai Ram Engineering College Chennai	Dr. Uma Narayanan

F2. Faculty as Participant/Speaker/Resource Person inside RSET

Date from- (DD-MM-YYYY)	Date to- (DD-MM-YYYY)	Type of the programme	Title of the programme and paper	Role	Organizer	Faculty Name
24-01-2022	29-01-2022	FDP	Computational intelligence and Bio inspired systems	Participant	CSE,RSET	Mr Paul Augustine, Ms Amitha Mathew, Ms.Anita John, Ms Jyosna A, Ms. Meenu Mathew, Ms. Mehabooba p Shareef, Dr.Renu Mary Daniel, Mr. Uday Babu P, Dr.Uma Narayanan

R1. Research Publications

Sl No.	Name of the Author/s	Title of Paper	Name of Journal
1	Dr. Dhanya P M	Fuzzy Hypergraph Modeling, Analysis and Prediction of Crimes	International Journal of Computing and Digital Systems
2	Dr. Renu Mary Daniel	A Provably Secure Identity Based Authenticated Key Agreement Protocol with Multiple PKG Compatibility for Inter-Vehicular Ad hoc Networks	Journal of Integrated Design & Process Science
3	Dr. Renu Mary Daniel	Comorbidity Based Risk Prediction System for ARDS in COVID-19 Patients	International Conference on Advanced Computer Control, ICACC
4	Dr. Varghese S. Chooralil	Blockchain-Based Deep Learning to Process IoT Data Acquisition in Cognitive Data	Bio Med Research International
5	Dr. Varghese S. Chooralil	Secure Key Management Based Mobile Authentication in Cloud	Computer Systems Science and Engineering
6	Dr. Varghese Paul	Challenges, Security Mechanisms and Research Areas in IOT and IIoT	Internet of Things and It's Applications
7	Dr. Preetha K. G.	Design and Implementation of an Augmented Reality Mobile Application for navigating ATM counters (AR-ATM)	INDUSTRIAL ROBOT-THE INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH AND APPLICATION
8	Dr. Saritha S	Design and Implementation of an Augmented Reality Mobile Application for navigating ATM counters (AR-ATM)	INDUSTRIAL ROBOT-THE INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH AND APPLICATION
9	Dr. Varghese S. Chooralil	Modelling Of Maximal Connectivity Pattern in Human Brain Networks	Neuro Quantology
10	Dr. Varghese Paul	An Effective Mechanism for the Secure Transmission of Medical Images using Compression and Public Key Encryption Mechanism	Smart Computing Techniques and Applications

R2. Conference Publications

Sl No.	Name of the Author/s	Title of Paper	Name of Conference
1	Ms. Amitha Mathew	Deep learning network architecture using evolutionary algorithms	International Conference on "Artificial Intelligence" Multidisciplinary Perspectives on Emerging Challenges, Research and Opportunities (ICAI-2022)
2	Dr. Renu Mary Daniel	Comorbidity Based Risk Prediction System for ARDS in COVID-19 Patients	International Conference on Advanced Computer Control, ICACC
3	Ms. Sangeetha Jamal	Virtual Fitting Room using Augmented Reality Techniques	Intelligent Computing in Information Technology for Engineering System
4	Ms. Sangeetha Jamal	Performance study of various Text Classification Algorithms and its Applications: An Analysis	Intelligent Computing in Information Technology for Engineering System

S1. STUDENT INTERNSHIPS

Name of students	Batch	Organization	Place	Start Date	End Date
Aarya Purushothaman	2021-2025	Alphasys 3D printing solutions	East Marady, Muvattupuzha	05-01-2022	09-01-2022
Aathira .k	2021-2025	Mar Athanasius college of engineering	kothamangalam	01-01-2022	02-01-2022
Aathira.k	2021-2025	Mar Athanasius college of engineering	Kothamangalam	08-01-2022	08-01-2022
Krishna Prasad	2020-2022		SHIMANE, JAPAN	22-Jun-22	
AMEENA ZAFRIN	2019-23	Camino Infotech Pvt Ltd	Cochin	02-12-2022	
ANUGRAHA ANTOO K	2019-23	Camino Infotech Pvt Ltd	Cochin	02-12-2022	
ANAGHA ABRAHAM	2019-23	Camino Infotech Pvt Ltd	Cochin	02-12-2022	
AARON VINEETH	2019-23	Camino Infotech Pvt Ltd	Cochin	02-11-2022	
AARON COREYYA	2019-23	Camino Infotech Pvt Ltd	Cochin	02-11-2022	
ALAN N KOSHY	2019-23	Camino Infotech Pvt Ltd	Cochin	02-11-2022	
AMAL J PANOCKASSERY	2019-23	Camino Infotech Pvt Ltd	Cochin	02-11-2022	

ABHIRAM MENON	2019-23	Camino Infotech Pvt Ltd	Cochin	02-11-2022	
ASHWIN LEON MATHEWS	2019-23	Camino Infotech Pvt Ltd	Cochin	02-11-2022	
AKSHAI ANIL	2019-23	NeST cyber campus	Cochin	1/25/2022	
ARJUN PADMANABHAN	2019-23	NeST cyber campus	Cochin	1/25/2022	
ANAND ANTO	2019-23	NeST cyber campus	Cochin	1/25/2022	
ALIA SHIRAZ	2019-23	NeST cyber campus	Cochin	1/25/2022	
ARJUN KRISHNA	2019-23	NeST cyber campus	Cochin	1/25/2022	
ABHISHEK THOMAS VARGHESE	2019-23	NeST cyber campus	Cochin	1/25/2022	
ADVAITH JAYAKUMAR	2019-23	NeST cyber campus	Cochin	1/25/2022	
JENNA CYRIL VALAVI	2019-23	NeST cyber campus	Cochin	1/25/2022	
MS. LEKSHMI M P	2019-23	NeST cyber campus	Cochin	1/25/2022	
JERIN JACOB JOHN	2019-23	NeST cyber campus	Cochin	1/25/2022	

S2. STUDENT ACHIEVEMENTS IN CO-CURRICULAR ACTIVITIES OUTSIDE RSET

Event	Semester	Name of the student(s)	Organized by	Date
HyperOps Techfest	S3	Raphael Tony, Siddhartha Goutaman, Neha Bimal, Niya Bimal, Muhammad Nihal C (EEE)	IIT Bombay	Oct 2021 - Feb 2022
IEEE Xtreme 15.0	S5	Gokul P V Hemal Sebastian Manu Krishnan N S	IEEE	23/10/2021 (Final rank published in March 2022)
Hash Code 2022	S5	Gokul P V Karthik S Nair Manu Krishnan N S	Google	24-02-2022
Reply Code Challenge - Standard Edition	S5	Gokul P V Karthik S Nair Manu Krishnan N S	Reply	10-03-2022

IEEE Xtreme 15.0	S5	Joel Jose Jesbin Joseph Karthik S Nair	IEEE	23-10-2021
Hash Code 2022	S5	Joel Jose Jesbin Joseph Jithin Mathew	Google	24-02-2022
Reply Code Challenge - Standard Edition	S5	Joel Jose Jesbin Joseph Jithin Mathew	Reply	10-03-2022

S3. STUDENT ACHIEVEMENTS IN CO-CURRICULAR ACTIVITIES INSIDE RSET

Event	Semester	Name of the Student	Cell/ Association	Date	Position
Codium	S3	Maria Sabi	Cyberblitz	29-01-2022	2nd
Quizzare	S3	Ajoe Joseph	RSET Yuva Yi CII	27-01-2022	1st
Time's Up	S3	Karunya James	IEEE SB RSET	09-03-2022	1st

S4. MOOC COURSES ATTENDED BY THE STUDENTS

Name of student	Name of MOOC Course	Starting date of MOOC course	Ending date of MOOC course	Organizing body	Semester
S Abdul Kani	Recommendation system using Tensorflow on GCP	02-03-2022	15-03-2022	Google Cloud(Coursera)	S8
Ashwin Saji	Programming, Data Structures And Algorithms Using Python	24-01-2022	27-03-2022	Chennai Mathematical Institute(NPTEL)	S3
Rohan Ranjith	Cyber Security and Blockchain Technology	03-01-2022	26-03-2022	Rajagiri School of Engineering and Technology	s5
Varun Pradeep	Cyber Security and Blockchain Technology	03-01-2022	26-03-2022	Rajagiri School of Engineering and Technology	s5

Jeferin Jolly	HTML, CSS, and Javascript for Web Developers	12-04-2022	29-05-2022	Coursera	s5
JINO SHAJI	HTML, CSS, and Javascript for Web Developers	12-04-2022	29-05-2022	Coursera	s5
Ashwin Saji	Programming, Data Structures And Algorithms Using Python			NPTEL	s4
Christo Mathew	Tools for data science	01-03-2022	28-03-2022	Coursera	s4
Christo Mathew	Data Science Methodology	01-04-2022	28-03-2023	Coursera	s4

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