

**ANNAI VAILANKANNI ARTS AND SCIENCE COLLEGE
THANJAVUR**

PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE



ANNUAL REPORT 2020-2021

(April 2020 – April 2021)

Prepared by Prof. J. Kalaimathi

Edited by Dr. K. Sujith

ABSTRACT

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Webinars conducted by the department	3
FACULTY ACHIEVEMENTS	
FDPs attended by the faculties	22
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Active Participation	1
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ABOUT THE DEPARTMENT

Department of Computer Science is one of the departments established at the time of inauguration of the college in 2009. Post Graduate course M.Sc. Computer Science was introduced in 2012 and MPhil Computer Science was started on 2016. One of the milestones in the department history is the commencement of PhD Computer Science in the academic year 2020-2021. There are 7 faculty members committed to the department. All the staff members are fully qualified as prescribed by UGC guidelines. Out of 7 staff members, 5 of them are holding PhD and 2 of them holding SET.

VISION

To Develop the Society through Excellence in Technology-Based & Knowledge Based-Education and Utilizing the Potential of Computer Science

MISSION

- To Produce Best Quality Computer Science Professionals by Imparting Quality Training, Hands on Experience and Value Education
- To Create, Share, and Apply Knowledge in Computer Science, Including in Interdisciplinary Areas that Extend the Scope of Computer Science and Benefit Humanity
- To Undertake Collaborative Projects which Offer Opportunities for Long-Term Interaction with Academia and Industry
- To Develop in Our Students the Deep Technical, Problem Solving, and Leadership Skills Needed to Create New Computing Technologies and to Harness Software to Empower People, Organizations, and Society
- To Provide Computer Science Expertise to the People of Delta Region of Tamil Nadu and the Nation.

MOTTO

To Analyze the Local and Global Impact of Computing

DEPARTMENT ACTIVITIES

❖ WEBINARS CONDUCTED BY THE DEPARTMENT

- Title : **An overview of Machine Learning**
Resource Person : Dr. P.Thiyagarajan
Date and Time : 4th June 2020 10.30 am to 12.30 pm

The programme was arranged by the Research Department of Computer Science in association with Powerful House of Enriching Intellectual Experts (Phoenix) Association. The objective of the webinar is to expose the faculties and students to the recent technologies in computer science field.

The resource person Dr. P.Thiyagarajan, Assistant Professor, Department of Computer Science, School of Mathematics and Computer Sciences, Central University of Tamil Nadu, Thiruvarur, a Post-Doctorate fellow, is the founder head of the Department of Computer Science in Central University of TamilNadu. He spoke on various topics such as Machine Learning, its components, Difference between Machine Learning, Deep Learning and Artificial Intelligence, and Future of Machine Learning.

Over 815 candidates registered for the program. Due to overwhelming registration, the webinar was hosted through the department youtube channel PHOENIX CS AVASC. - <https://www.youtube.com/watch?v=zG1kUuDhJHc>. Around 188 students and faculties participated in the webinar and gave their feedback on the program. E-certificates were presented to the participants.

This webinar was comprehensive and easy to understand. It was an eye opening session for the students to get to know about Artificial Intelligence, Machine Learning and Deep Learning.

The screenshot shows a YouTube video player with the following details:

- Video Title: Webinar on "An Overview of Machine Learning"
- Channel: THANJAVUR
- Views: 1,372 Views
- Premiered: Jun 4, 2020
- Engagement: 101 likes, 3 comments
- Video Content: A slide titled "Components of Machine Learning : Evaluating a model" with the following text:
 - The machine **learns the patterns and features from the training data** and **trains itself** to take decisions like identifying, classifying or predicting new data.
 - To check **how accurately the machine** is able to take these decisions, the predictions are tested on the testing data.
 - In this case, we will first work on the training data and once the model is sufficiently trained, we use it on the **testing data** to understand how successful it is in recognizing the faces in the photo.

Session on Machine Learning by Dr.P.Thiyagarajan

➤ Title : **Establishing Goals and Priorities**

Resource Person : Sanjeevi Raj

Date and Time : 17th June 2020 3 pm

The programme was organized by the Research Department of Computer Science jointly with the Department of IT and the Department of BAC in association with ICT Academy of Tamilnadu. The webinar targets the final year UG and PG students of CS, IT and BCA, aiming at providing skills on employability.

The resource person Sanjeevi Raj, Vice President and Chief HR and Administration from Servall Engineer works Pvt Ltd and group of companies, has a great deal of experience in the field of training professional aspirers. Mr. Sanjeevi Raj spoke about why you need to determine what you really want, what are your life priorities or goals, what skills will you need to achieve the goal and how to set deadlines. Also he shared his experiences.

The webinar was conducted through Google Meet. Over 25 students benefited through this webinar. E-certificates were presented to the participants.

➤ Title : **Computer gathers what virus scatters**

Theme : Learning in Digital age - An integrative model for virtue and virus

Keynote Speaker : Rev. Fr. Dr. S. Sebastian Periannan

Special Speaker : J. Allan Joy

Date and Time : 29th June 2020 10.30 am

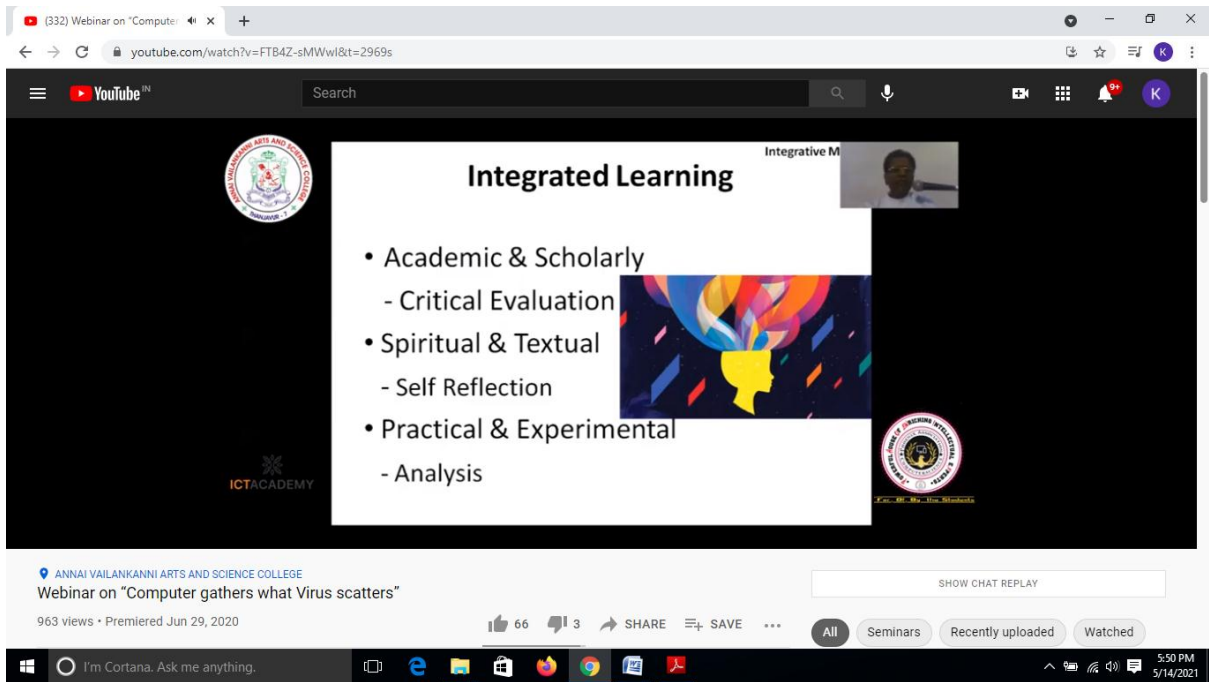
The webinar was arranged jointly by the Research Department of Computer Science and IQAC in association with ICT Academy of Tamilnadu. It was an exclusive Online Session for Students, Researchers & Faculty Members.

The special address was given by J.Allan Joy, Relationship Manager, ICTAcademy

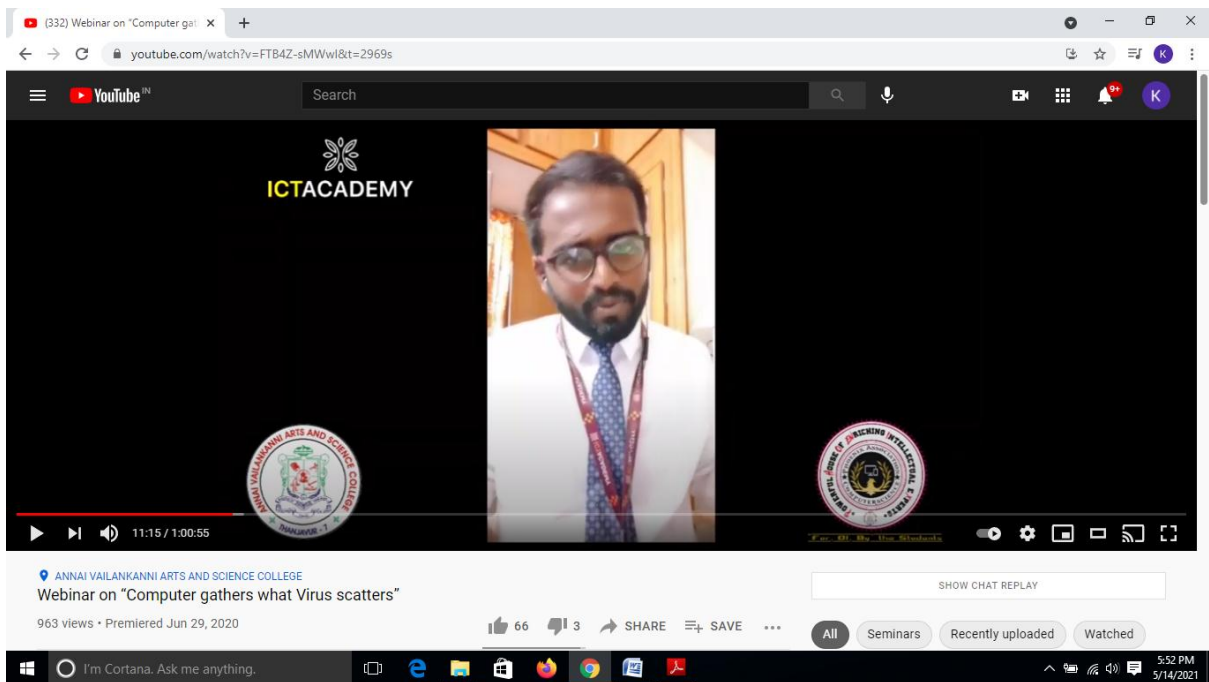
The resource person Rev. Fr. Dr. S. Sebastian Periannan, Secretary & Correspondent, annai Vailankanni Arts and Science College, Thanjavur delivered the speech on the theme : Learning in Digital Age – An integrative model for virtue and virus.

318 candidates registered for the session. The webinar was hosted through the department youtube channel PHOENIX CS AVASC. - <https://www.youtube.com/watch?v=FTB4Z-sMWwl&t=2969s>

Around 185 students and faculties participated in the webinar and gave their feedback on the program. E-certificates were presented to the participants.



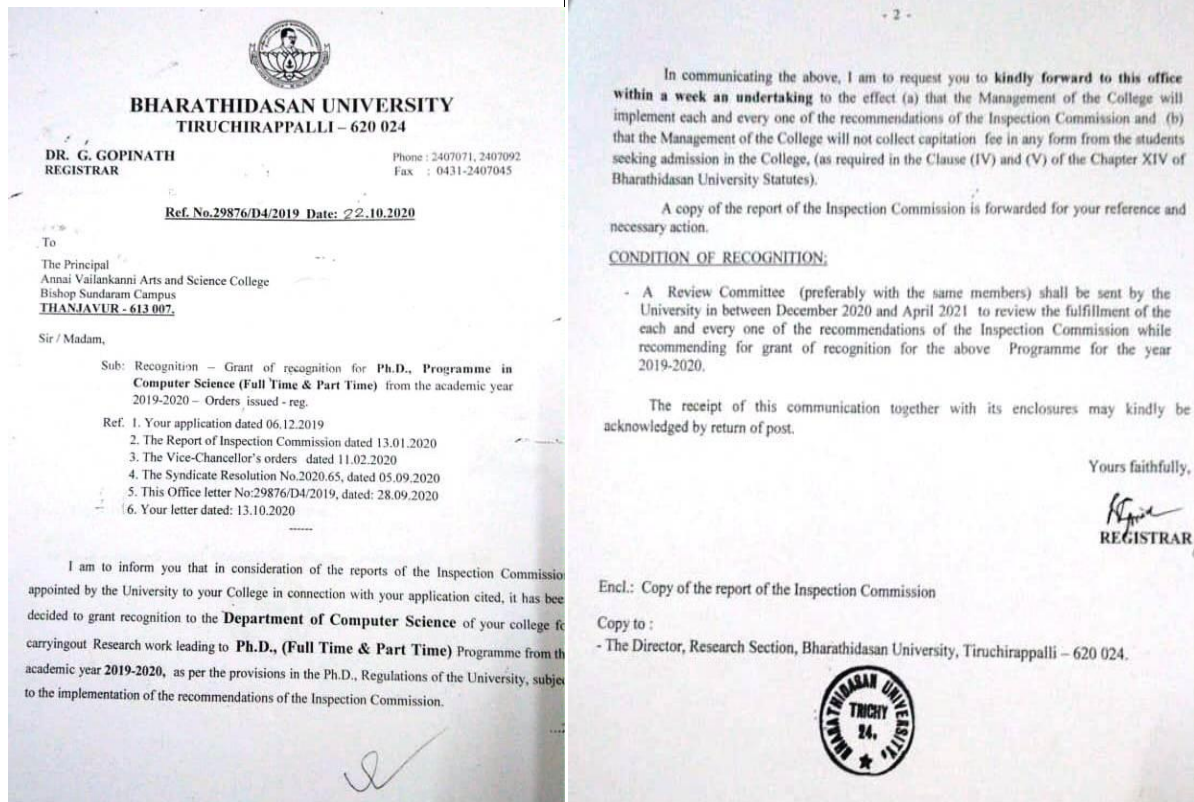
Session on Computer gathers what virus scatters by Rev. Fr. Dr. S. Sebastian Periannan



Special Address by J.Allan Joy, Relationship Manager, ICTAcademy

RECOGNITION OF Ph.D PROGRAMME

The Bharathidasan University granted recognition to the Department of Computer Science for carrying out Research Work leading to Ph.D (Full time and Part time) Programme from the academic year 2019-2020. The recognition is one of the milestones in the development of Computer Science Department.



Letter from the Registrar, BDU, Trichy

FACULTY ACHIEVEMENTS

❖ FDP AND WEBINARS ATTENDED BY FACULTIES

Dr. K.Sujith

S.No	Date	Type of Program (FDP/ Training/ Workshops/ Online Course/ Webinars)	Program Title	Program Details (Organized by)
1	20-04-2020	Webinar	Webinar on Virtual Reality	BahwanMahavir College, Surat, Gujarat.
2	24-04-2020 & 25-04-2020	Webinar	Webinar on Recent Trends in Computer Science	St. Joseph College, Trichy
3	15-05-2020	Webinar	Webinar on Research Gateway	Annai College, Kumbakonam
4	25-05-2020	Webinar	Webinar on Data Science	AVVM Sri Pushpam College, Poondi
5	28-06-2020	Webinar	Webinar on Indian Higher Education	Indian Intellectual Forum, Chennai
6	29-06-2020 to 04-07-2020 (Afternoon)	Online Certificate Course	One Week Online Certificate Course on "Digital Teaching Techniques"	ICT Academy
7	30-06-2020 to 04-07-2020 (Forenoon)	FDP	Five Days FDP on "Inclusive Procedures and processes in Assessment and Accreditation by NAAC"	St. Joseph College, Trichy
8	05-07-2020	E-Quiz	BizQuiz	The New College, Chennai
9	06-09-2020	FDP	FDP on Nature or Nurture : What influences learning, growth and development	Rungila Youth Empowerment, USA

Mrs. N.Vasunthira Devi

S.No	Date	Type of Programme (FDP/ Training/ Workshops/ Online Course/ Webinars)	Programme Title	Programme Details (Organized by)
1	10 th April 2020	Online Quiz	Covid-19 Combatant	Vinayaka Mission's Research Foundation
2	10 th April 2020	General Awareness Quiz	COVID-19 Pandemic General Awareness Quiz	Chandigarh Group of Colleges, Landran, Mohali
3	13 th to 16 th April 2020	Webinar	An Effective Research Paper Writing Skills	BhagwanMahavir College of Commerce and Management Studies, Surat, Gujarat
4	27 th April 2020	Online Quiz	Corona Awareness Program	Shivraj college of Arts, Commerce &D.S.Kadam Science College, Gadhinglaj.
5	29 th and 30 th April 2020	Faculty Development Programme	Virtual Teaching	Teaching Learning center, Coimbatore Institute of Technology.
6	May 2020	Online Quiz	Test your Knowledge on Technical Aptitude	A.V.C. College of Engineering, Mannampandal, Mayiladuthurai
7	May 2020	Online Quiz	Faunal Quizer 20	Department of Zoology, AnnaiVailankanni Arts and Science College, Thanjavur
8	1 st May 2020	General Knowledge Quiz	International Workers' Day	Bon Secours College for Women, Thanjavur
9	5 th May 2020	Webinar	How to be secured in Digital Era	SRM Institute of Science and Technology, Ramapuram Campus, Chennai
10	5 th May 2020	Online Workshop	Ancient Breathing Practices (Pranayama)	KarpagaVinayaga College of Engineering and Technology, Chengalpet

11	5 th May 2020	General Awareness Quiz	Mode of transmission and control measures of COVID-19	DhanalakshmiSrinivasan Engineering College, Perambalur
12	6 th to 8 th May 2020	Online/ Awareness Survey	COVID-19, Baseline Digital Online / Awareness Survey to Public, Academicians, Researchers&Students.	Arignar Anna Government Arts College, Namakkal
13	10 th May 2020	Webinar	Machine Learning Algorithms, Applications and Trends	IQAC, ShriShankarlalSundarbai Shasun Jain College for Women, Chennai
14	14 th May 2020	E-Quiz	Transition to Digital World	A.V.C. College of Engineering, Mannampandal, Mayiladuthurai
15	15 th May 2020	Webinar	Knowledge Gained through the Challenging Exercise of NAAC: Success Story	St. Joseph's College (Autonomous), IQAC, Tiruchirappalli.
16	16 th May 2020	Online Mock Test	Research Aptitude	Kaamadhenu Arts and Science College, Sathyamangalam
17	18 th May 2020	Online BioQuiz	National level Online BioQuiz on COVID-19	Kongunadu Arts and Science College, Coimbatore
18	21 st May 2020	Online FDP	Importance of Empowerment for Teaching Gurus	Merit Arts and Science College, Ambasamudram
19	30 th May 2020	Webinar	Online Teaching Tools	Bishop Heber College (Autonomous), Tiruchirappalli
20	3 rd to 7 th June 2020	Five Day National Webinar Series	Modern Trends in Information Technology - 2020	J.J. College of Arts and Science (Autonomous), Pudukkottai.
21	8 th June 2020	National Webinar	Neuro-linguistic programming Techniques for Enhancing Teaching Effectiveness	Dr.N.S.A.M. First Grade College, Bengaluru
22	11 th June 2020	Webinar	Online Content Creation Tools	Bishop Heber College (Autonomous), Tiruchirappalli

23	12 th June 2020	International Webinar	Data Analytics & Applications	Bishop Heber College (Autonomous), Tiruchirappalli
24	29 th June to 4 th July 2020	Online Certificate Course	Digital Teaching Techniques	ICT Academy
25	15 th October 2020	Online Quiz	Dr.A.P.J.Abdul Kalam Online Special Quiz Competition	Library & Information Centre and IQAC, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai
26	29 th October 2020	Webinar	Supervised and Unsupervised Machine Learning Algorithms	Mother Teresa Women's University, Kodaikanal

Dr. N.Aswin Vignesh

S.No	Date	Type of Program (FDP/ Training/ Workshops/ Online Course/ Webinars)	Program Title	Program Details (Organized by)
1	09-04-2020	Webinar	Webinar on Covid-19 Pandemic General Awareness Quiz	Department of RISE (Research Innovations Sponsored Projects & Entrepreneurship)
2	13-04-2020 to 16-04-2020	Webinar	Webinar on An Effective Research Paper Writing Skills	Bhagawan Mahavir College of Commerce and Management Studies.
3	29-04-2020 & 30-04-2020	FDP	FDP on Virtual Teaching	Teaching Learning Centre, CIT, Coimbatore
4	09-05-2020	Webinar	Webinar on Unleashing Machine learning and Cloud Computing	PG Department of Computer Science, Holy Cross College
5	14-05-2020	Webinar	Webinar on Micro & Nanotechnology and its Applications	Department of Physics, G.T.N. Arts College(Autonomous)

6	15-05-2020	Webinar	Webinar on Research Gateway	Department of BCA, Annai College of Arts And Science
7	18-05-2020.	FDP	FDP on Data Science	PG and Research Department of computer science Jamal Mohamed College(Autonomous) Trichy
8	29-06-2020 to 04- 07-2020 (Afternoon)	Online Certificate course	Online Certificate course on Digital Teaching Techniques	ICT Academy
9	30-06-2020 to 04-07-2020. (Forenoon)	FDP	FDP on Inclusive Procedures and Processes in Assessment and Accreditation by NAAC.	IQAC of St. Joseph's College (Autonomous), Tiruchirappalli
10	06-09-2020	FDP	FDP on Rungila Youth Empowerment Program	NEXTGEN GURU

Mrs. J. Kalaimathi

S.No	Date	Type of Program (FDP/ Training/ Workshops/ Online Course/ Webinars)	Program Title	Program Details (Organized by)
1	10 th April 2020	Online Quiz	Covid-19 Pandemic General Awareness Quiz	Chandigarh Group of Colleges
2	20 th April 2020	Webinar	Virtual Reality	Bhagwan Mahavir College Of Engineering And Technology, Surat
3	24 th and 25 th April 2020	Webinar	Recent Trends in Computer Science	St.Joseph's College, Trichy
4	29 th April and 30 th April	FDP	Virtual Teaching	Teaching Learning Centre, CIT, Coimbatore
5	8 th May 2020	Webinar	Career Opportunities in Intellectual Property Rights	Intellectual Property Rights Cell, BDU, Trichy

6	15 th May 2020	Webinar	Research Gateway	Annai College of Arts and Science, Kumbakonam
7	15 th May 2020	Webinar	Knowledge Gained through the Challenging Exercise of NAAC : Success Story	IQAC, St. Joseph's College, Trichy
8	18 th May 2020	Webinar	Patent Professional - as a Career	Intellectual Property Rights Cell, BDU, Trichy
9	18 th May 2020	FDP	Online FDP on Data Science	Jamal Mohamed College, Trichy
10	2 nd June 2020	Webinar	Virtual Reality	St. Anne's College of Engineering and Technology, Panruti
11	2 nd June 2020	FDP	Artificial Intelligence and Machine Learning A Sneak Peek" and "SEBI Regulations for Protecting the Interest of the Investors of Listed Entities	Vels Institute of Science Technology And Advanced Studies, Chennai
12	20 th May 2020	Webinar	Fundamentals of IoT	PSG College of Arts and Science, Coimbatore
13	22 nd May to 26 th May 2020	National level 5 day FDP	Artificial Intelligence	G. Narayanamma Institute of Technology and Science, Hyderabad and National Youth Council of India
14	1 st June 2020	Webinar	Understanding Social Media through Analytics	Sri Ramakrishna Institute of Technology, Coimbatore
15	2 nd June 2020	Webinar	Web Development in Python using Pycharm	St. Anne's College of Engineering and Technology, Panruti
16	3 rd June to 7 th June 2020	Webinar Series	Modern Trends in Information Technology – 2020	J.J College of Arts and Science
17	5 th June 2020	Webinar	Cyber Security	Sri Ramakrishna Institute of Technology, Coimbatore
18	5 th to 9 th June 2020	E-Quiz	National Level E-Quiz on Research Methodology	St. Joseph's College, Trichy

19	8 th June 2020	Webinar	Neuro-Linguistic Programming Techniques for Enhancing Teaching Effectiveness	Dr. N.A.S.M. First Grade College, Bengaluru
20	15 th June 2020	Webinar	Overview of Research Methodology	Annai Vailankanni Arts and Science College, Thanjavur
21	15 th June 2020 to 19 th June 2020	Training	Summer Online Traing Programme on Latex	Jamal Mohamad College, Trichy
22	17 th June 2020	Online Workshop	Innovative Product Design using Arduino	Atal Incubation Centre, Pondicheery Engineering College Foundation
23	18 th June 2020	Online Sessioin	Future of Education	Skycampus, ICTACDEMY
24	19 th June to 25 th June 2020	Webinar	Know the unknown 2020	IQAC, Annai College of Arts and Science, Kumbakonam
25	29 th June to 4 th July 2020	Online Certificate Course	Digital Teaching Techniques	ICTAcademy
26	30 th June to 4 th July 2020	FDP	Inclusive Procedures and Processes in Assessment and Accrediation by NAAC	IQAC, St.Joseph's College, Trichy
27	15 th July 2020	Webinar	Creation of Learning Materials using the National Digital Library of India	P N Panicker Foundation in collaboration with NITI Aayog, MHRD, NDLI, Govt. of Kerala.
28	22 nd July 2020	Webinar	Introduction to Data Science	Hindustan Institute of Technology, Coimbatore

Dr. S. Chitra

S.No	Date	Type of Programme (FDP/ Training/ Workshops/ Online Course/ Webinars)	Programme Title	Programme Details (Organized by)
1	13 Apr 2020 to 16 Apr 2020	Webinar	An Effective Research Paper Writing Skills	Bhagwan Mahavir University, Surat, Gujarat

2	24 Apr 2020 & 25 Apr 2020	Webinar	Recent Trends in Computer Science	St. Joseph's College (Autonomous), Trichirappalli.
3	29 Apr 2020 & 30 Apr 2020	Faculty Development Programme	Virtual Teaching	Teaching Learning center, Coimbatore Institute of Technology.
4	10 May 2020	Net Examination	Paper-1	Manonmaniam Sundaranar University Constituent College of Arts and Science, Kadayanallur.
5	14 May 2020	Webinar : Super Session	Good Teacher to Great Teacher	ICT Academy : Digital Knowledge Series
6	15 May 2020	Webinar	Webinar on Research Gateway	Annai College of Arts and Science.
7	15 May 2020	Webinar	Knowledge Gained through the Challenging Exercise of NAAC : Success Story	St. Joseph's College (Autonomous), Trichirappalli.
8	18 May 2020	Employability Enhancement Webinar Series	Patent Professional as a Career	Bharathidasan University
9	20 May 2020	Webinar	Virtual Reality	St. Anne's College of Engineering and Technology, Panruti
10	20 May 2020	Webinar	You Can Do It	ICT Academy – Power Seminar
11	22 May 2020	Online Course	Machine Learning Onramp	Mathworks – Training Services
12	24 May 2020	Webinar	Current Research in Fuzzy Mathematics	A.Veeriya Vandayar Memorial Sri Pushpam College (Autonomous), Poondi, Thanjavur
13	25 May 2020	Webinar : Super Session	Change is the essence of Life	ICT Academy : Digital Knowledge Series
14	25 May 2020	Online Quiz	Database Systems	AVC College (Autonomous), Mayiladuthurai

15	27 May 2020	Webinar	Key to Success	ICT Academy – Power Seminar
16	30 May 2020	Online Course	Deep Learning Onramp	Mathworks – Training Services
17	5 June 2020	Webinar : Super Session	Improvig the skill set and change the Attitude	ICT Academy
18	15 Jun 2020 to 19 Jun 2020	Training	Summer Online Training Programme on Latex	Jamal Mohammed College, Trichy
19	17 Jun 2020	Workshop	Innovative product design using Arduino	Atal Incubation Center,Pondicerry Engineering College Foundation.
20	18 Jun 2020	Webinar : Super Session	Future on Education	ICT Academy
21	18 Jun 2020 to 24 Jun 2020	Faculty Development Programme	Cyber Security Essentials (Online Live FDP)	ICT Academy
22	29 Jun 2020 to 04 Jul 2020	Online Certificate Course	Digital Teaching Techniques	ICT Academy
23	27 Jul 2020	Webinar	Getting Ready to Publish Your Academic Writing: Overview of Dissertation	St. Joseph's College (Arts and Science),Chennai
24	28 Jul 2020	Webinar	Getting Ready to Publish Your Academic Writing: Research Funding Projects	St. Joseph's College (Arts and Science),Chennai

Dr. R. Gnanakumaran

S.No	Date	Type of Programme (FDP/ Training/ Workshops/ Online Course/ Webinars)	Programme Title	Programme Details (Organized by)
01	April 13-16, 2020	Four days Webinar	An Effective Research Paper Writing Skills	BhagwanMahavir University, Surat

02	April 20, 2020	One day Webinar	Virtual Reality	BhagwanMahavir University, Sura
03	April 23-29, 2020	Seven Days FDP	Python & LaTeX through MOOCs – Spoken Tutorial Project – IIT, Bombay	Vellalar College for Women (Autonomous), Erode
04	April 29, 2020	One day international Webinar	COVID IMPACTS ON TECHNOLOGY	NallamuthuGounderMahalingam College, Pollachi Coimbatore
05	May 7, 8, 2020	Two Days FDP	Devops & AWS	Sriram Engineering College, Chennai
06	May 08, 2020	One day Webinar	Employability Skills for the Future	ICTACADEMY, Tamilnadu
07	May 12, 2020	One day Webinar	How to create income with income with your intelligence	IndraGanesanInst, Trichy
08	May 15, 2020	One day Webinar	Knowledge Gained through the Challenging Exercise of NAAC: Success Story	St Joseph's College (Autonomous), Trichy
09	May 18, 2020	One day Webinar	Web Designing UI / UX	SHASUN Jain College for Women, Chennai
10	May 20, 2020	One day Webinar	Virtual Reality	St Anne's College of Engineering and Technology, Pandurti
11	May 20, 2020	One day Webinar	Fundamentals of IOT	PSG College of Arts and Science, Coimbatore
12	May 22, 2020	One day FDP	The art of writing quality research papers and scientific thesis writing	Sindhi College, Chennai
13	May 22, 2020	One day Webinar	Guidelines for writing a Research Paper	Arasu Engineering College, Kumbakonam
14	May 22, 2020	One day Webinar	Coding practices and API	Idhaya College for Women, Kumbakonam.
15	May 23-24, 2020	Two days National level Webinar	Time to change your Database and Programming Methodologies	Mass College of Arts and Science, Kumbakonam
16	May 24, 2020	One day Webinar	Demystifying Machine Learning Predictive modeling and Real time Analytics Tamilnadu	DhanalakshmiSrinivasan Engineering College, Trichy
17	May 25, 2020	One day Webinar	AZURE Cloud Technology	Dr.SNSRajalakshmi College of Arts and Science, Coimbatore
18	May 26-30, 2020	Five Days FDP	Demystifying Network Security	S.A Engineering College, Chennai
19	May 29, 2020	One day international	Distributed cloud computing in social	SrimadAndavan Arts and Science College, Trichy

		Webinar	media	
20	May 30, 2020	One day Webinar	Online Teaching Tool	Bishop Heber College, Trichy
21	May 30, 2020	One day Webinar	Advancement deep learning and Neural Network	BhagwanMahavir College of Engineering and Technology, Surat
22	June 08, 2020	One day Seminar	Virtual Power Seminar –Oracle DB Query and Trends	Kings Engineering College, Chennai
23	June 11, 2020	Webinar	Virtual Classroom Teacher	Classle SKILLNET
24	June 14, 2020	Webinar	Soft Skills & Talent Transformation	Mohamed Sathak Engineering College, Ramanathapuram.
25	June 16, 2020	One day International Webinar	Application of Cryptography in Communication Engineering	Gandhi Inst for Education and Technology, Bhubaneswar
26	June 18-24, 2020	Seven Days FDP	Cyber security Essentials	ICTACADEMY
27	June 24, 2020	One day Power Seminar (AWS & ICTACADEMY)	Introduction to Artificial Intelligence	Stella Mary's College of Engineering, KanayaKumariDist,
28	June 24, 2020	One Day FDP	Video Tutorial Education and online Assessment	Anil NeerukondaInst of Technology & Sciences, Sangivalasa (Visakhapatnam)
29	June 25-26, 2020	Two Days FDP	Python Programming & Machine Learning	KCS KasiNadar College of Arts & Science, Chennai
30	June 27, 2020	Webinar	Satellite Image Processing: Feature Extraction	Bangalore Technological Institute, Bengaluru
31	June 27, 2020	Webinar	Network Security: Certifications & Job Opportunities	Kumaraguru College of Technology, Coimbatore
32	June 29- July 04, 2020	Online Certificate Course	Digital Teaching Techniques	ICTACADEMY
33	July 02, 2020	Seminar	Scholarly Publication and Citation Metrics	ThavathiruSanthalingaAdigalar Arts Science Tamil College, Coimbatore

❖ **JOURNAL / PATENT/ BOOK PUBLISHED BY FACULTIES**

Dr. K. Sujith

S.No	Title of the Paper, Book & Patent	Date	Published In
1.	Paper: “Appearance detection from noisy and color images using color, shape and symmetry-Based cost functions”	13-04-2021	Journal of Xidian University (Scopus). ISSN NO: 1001-2400
2.	Book : “Eagle view of OOAD (Object Oriented Analysis and Design)” with ISBN	04-08-2021	Chanakya Publication, Thanjavur.
3.	Patent: “IAH-Waste Management: Intelligent Waste Management For Ayurveda Hospitals using IoT-Based” (Application Number: 202141001290)	22-01-2021	Intellectual Property Rights, India. 04/2021
4.	Patent: “Improvement of Business Intelligence Utilizing Data Digitalization and Data Analytics Techniques” (Application Number: 202141007184)	26-02-2021	Intellectual Property Rights, India. 09/2021

Mrs. N. Vasunthira Devi

S.No	Title of the Paper	Date	Published In
1.	Manipulate BigData using a information perception HDFS and related to Congregate Technique	June 2020	Journal of Xidian University (Scopus). ISSN NO: 1001-2400
2.	A Distributed Computing Platform for FMRI Bigdata Analytics	June 2020	Journal of Xidian University (Scopus). ISSN NO: 1001-2400
3.	A crowdsourcing Worker Quality Evaluation Algorithm on MapReduce for BigData Applications	July 2020	Journal of Xidian University (Scopus). ISSN NO: 1001-2400

Dr. N. Aswin Vignesh

S.No	Title of the Book	Date	Published In
1	Data Mining Enhanced classification Methods (ISBN:978-613-8-93059-4)	05-05-2020	Scholars’ Press Publications

Dr. J. Lavanya

S.No	Title of the Paper	Date	Published In
1.	Insider Collusion Attack on Privacy Preserving Kernel Based Data Mining System	Jun-2020	Journal of Xidian University (Scopus). ISSN NO: 1001-2400

❖ JOURNAL PAPERS REVIEWED BY FACULTIES

S.No	Title of the Paper with ID	Date Review Submitted	Name of the Journal
1.	Features of formation of professional competence of future specialists in information and communication technologies through the development of a professional educational project (EAIT-D-20-00159)	07-04-2020	Education and Information Technologies The Official Journal of the IFIP Technical Committee on Education
2.	Online group career counseling for unemployed students: A process and outcome study (EAIT-D-20-00299)	24-05-2020	Link: https://www.springer.com/journal/10639
3.	Does Evaluation of Peer Assessment Accuracy and Taking into Account in Calculating Assessor's Final Score Enhance Online Peer Assessment Quality?(EAIT-D-21-00740)	25-05-2021	

❖ OTHER ACTIVITIES (RESOURCE PERSON) BY FACULTIES

Dr. K.Sujith

S.No	Event Name	Date	Organized By
1.	Webinar on Current Research in Fuzzy	24-05-2020	PG & Research Dept. of Mathematics, AVVM Sri Pushpam College, Poondi
2.	Skill Development Program: Role of Computer in HEI for Admin Staff Members	06-07-2020	Department of Computer Science and Applications, Periyar Maniammai University, Thanjavur
3.	Webinar on "Digital Marketing"	17-07-2020	PG & Research Dept. of Commerce, AVVM Sri Pushpam College, Poondi
4.	Training Program on "Virtual and Smart Teaching Methods"	10-08-2020	St.John De Britto College of Education, Thanjavur
5.	Student Induction Program: Computer Science Outlook and Avenues	07-09-2020	Department of Computer Science, Bon Secours College, Thanjavur
6.	Student Induction Program: Research Insights	09-09-2020	Department of Computer Application, Bon Secours College, Thanjavur
7.	Webinar on Data Analytics	22-10-2020	Department of Computer Science and Applications, PeriyarManiammai University, Thanjavur

Mrs. J.Kalaimathi

S.No	Event Name	Date	Organized By
1.	Skill Development Program: Open Source Softwares for Office Automation	08-07-2020	Department of Computer Science and Applications, Periyar Maniammai Institute of Science and Technology, Thanjavur.
2.	Video lecture on How to use Google Meet.	23-08-2020	Department of Computer Science, Annai Vailankanni Arts and Science College, Thanjavur

Dr. S. Chitra

S.No	Event Name	Date	Organized By
1.	Skill Development Program: ICT in Higher Education	07-07-2020	Department of Computer Science and Applications, Periyar Maniammai Institute of Science and Technology, Thanjavur.

STUDENT ACHIEVEMENTS:

- Mr S.Rajesh Kannan (I MSc) won **two Gold medals** (Skateboard and Scooter) in state level competition **Tamilnadu Roller Skating Championship 2020-2021** organized by Tamilnadu Roller Skating Association, Chennai on 13/03/2021.



Gold Medal received by S.Rajesh Kannan

- Mr. A. Saravana Kumaran (III BSc) is one of the players in **runners-up team**, participated in **Kalam FC Football Tournament** on 13th and 14th February 2021 at Mannargudi.



Mr. A. Saravana Kumaran Runner-up

- Mr. R.Gowtham (III BSc) and Mr. R.Senthilkumar (III BSc) cleared the written exam Common Recruitment for the post of Gr. II Police Constable, Gr. II Jail Warder and Fireman for the year 2020 on 22/04/2021.
- Ms. Sterina Margrat (II Msc) participated in National level competitions for school and college students (Painting) organized by PG Research Department of Computer Science, Jamal Mohamad College, Trichy and Tamilnadu Science Forum - College Student Branch, Trichy in the month of April 2020.
- Mr. R.Thilak (I Bsc) participated as Shanshou player in 17th Sub –Junior, Junior, Youth & Senior State Wushu Championship -2021 organized by Tamilnadu Wushu Association at Thoothukudi from 19th to 21st February 2021.