



KUMARAGURU
college of technology
character is life

PROTOS

DEPARTMENT OF COMPUTER APPLICATIONS
ACADEMIC YEAR 2021 – 2022
(JAN 2022 TO MAY 2022)



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DEPARTMENT FACULTY DETAILS



Dr.M.Manikantan , M.C.A, Ph.D, HOD
Associate Professor.

Dr.V.Geetha, MCA, Ph.D
Professor.



Dr.J.Vijay Prakash, MBA, M.Com, Ph.D
Associate Professor.

Dr.S.Hameed Ibrahim, M.C.A, Ph.D
Assistant Professor [SRG]



Dr.P.Parameswari, M.C.A, Ph.D
Assistant Professor [SRG].

Dr.C.RajanKrupa, M.C.A, Ph.D
Assistant Professor [SRG].





Dr. R.K.Kavitha, M.C.A, Ph.D

Assistant Professor [SRG].

Dr.N.Jayakanthan ,M.C.A, Ph.D

Assistant Professor [SRG].



Dr.L.Dhanabal, M.C.A, Ph.D

Assistant Professor [SRG].

Ms.M.C.S Geetha, M.C.A

Assistant Professor



Ms.V.Jalaja Jayalakshmi, M.C.A

Assistant Professor.

Ms. M. Amala Jayanthi, M.C.A

Assistant Professor.





Faculty Zone

FACULTY PARTICIPATIONS

- **Dr. R. K. Kavitha**, attended an International Online FDP on **“Next Generation Computing: key Trends, Challenges and Opportunities”** from 18/04/2022 to 23/04/2022 organized by SRM Institute of Science and Technology, Ramapuram Campus, Chennai.
- **Dr. M. Manikantan**, attended an International Online FDP on **“Next Generation Computing: key Trends, Challenges and Opportunities”** from 18/04/2022 to 23/04/2022 organized by SRM Institute of Science and Technology, Ramapuram Campus, Chennai.
- **Ms. M. C. S. Geetha**, attended an International Online FDP on **“Ground Breaking Technologies”** from 09-03-2022 to 15-03-2022 organized by Panimalar Institute of Technology, Chennai
- **Dr. Rajankrupa C**, delivered Guest Lecture “Hands on Training using Python Programming” at Cauvery College for women, Trichy, from 14-Mar-22 to 16-Mar-22.



- **Dr.P.Parameswari** was been as a BOS - Member for the BOS meeting conducted on 19.3.2022 in Kongunadu Arts and Science College, Coimbatore.



- **Dr.R.K.Kavitha, AP[SRG]**, attended Workshop on Data Science & Analytics with Python from 02-05-2022 to 09-05-2022 organized by "Kumaraguru college of Technology & Forge Accelerator ", Coimbatore
- **Dr.N.Jayakanthan, AP[SRG]**, Completed , Certification – FDP on Privacy from 01.02.2022 to 23.04.2022 conducted by NPTEL IC&SR,3rd floor;IIT Madras; Chennai-600036
- **Ms.Amala Jayanthi, AP**, attended Workshop on Structured Query Language from 10.05.2022 to 15.05.2022 organized by Skill Nation Pvt Ltd.
- **Ms.Amala Jayanthi, AP**, Participated in FDP on Deep Learning towards Engineering and Bio Medical Applications, from 16.05.2022 to 20.05.2022 conducted by Mepco Schelk Engineering College, Sivakasi.
- **Ms.Amala Jayanthi,AP**, attended FDP on Recent Trends and Advancements in IOT Security from 9.05.2022 to 13.05.2022 organized by Mepco Schelk Engineering College, Sivakasi.
- **Ms.Amala Jayanthi,AP**, attended FDP on Bioinformatics: Algorithms, Applications and Tools from 16.05.2022 to 25.05.2022 conducted by "E & ICT Academy, National Institute of Technology, Warangal in association with University College of Engineering BIT Campus, Tiruchirappalli – 620 024.
- **Ms.Amala Jayanthi,AP**, participated in FDP on" Applications of Data Science Using ML Techniques " from 23.05.2022 to 1.6.2022 Organized by "E & ICT Academy, National Institute of Technology, Warangal.
- **Ms.Amala Jayanthi, AP**, Completed two courses offered by Infosys one on Python Programming For Everyone and another on Java Programming Fundamentals.

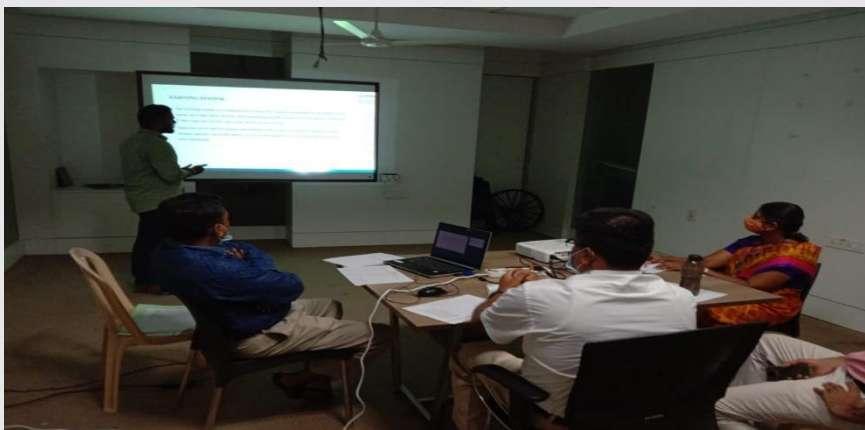


Paper Reviewed

- **Dr .S. Hameed Ibrahim**, AP[SRG]/MCA, has reviewed a paper entitled “ **FUZZY ANOMALOUS RULES BASED CAR HACKING DETECTION USING LASSO REGRESSION APPROACH**” in International Journal of Systems Assurance Engineering and Management (IJSA).
- **Ms. Amala Jayanthi. M**, reviewed a paper entitled “**A Short Survey on Role of Gaming Application in Human Learning**” in International Journal of Gaming and Computer-Mediated Simulations (IJGCMS).
- **Dr.S.Hameed Ibrahim** reviewed a paper entitled “**SURVIVAL STUDY ON CYCLONE PREDICTION METHODS WITH REMOTE SENSING IMAGES**” submitted to the International Journal of Computational Intelligence and Applications.
- **Dr.S.Hameed Ibrahim** has reviewed paper entitled “**Design of secure disk encryption system based on embedded control and AES algorithm**” in Malaysian Journal of Computer Science
- **Dr.S.Hameed Ibrahim** has reviewed paper entitled “**Deep Learning based Breast Cancer Classification System using Mammograms**” in Soft Computing.
- **Ms.Amala Jayanthi.M**, has reviewed, “**LGBTQ+ Experiences in Online Gaming**”, International Journal of Gaming and Computer-Mediated Simulations (IJGCMS).

Corporate Connect

- **Project review** was conducted for final year students with an industry expert as one of the reviewers. The experts gave suggestions for the further progression of the projects





Paper Presentations

Following Papers were presented in the International Conference on Artificial Intelligence & Data Analytics, Internet of Things and Cyber Security (ICAIC-22) conducted by KCT on May 20 & 21 2022

- **Ms. M.C.S.Geetha**,AP- Forecasting the Rainfall Using Machine Learning Techniques.
- **Dr. N. Jayakanthan**, AP(SRG) - Assessment system to determine students efficiency in online class
- **Dr. N. Jayakanthan**, AP(SRG) - A Survey on the Recent Advancements in Data Privacy and User Data Control
- **Dr. N. Jayakanthan**, AP(SRG) - An Dynamic Approach to Detect Malicious URL in Social Networking
- **Dr. P. Parameswari**, AP(SRG) - Crop specific cultivation recommendation system using deep learning
- **Dr. P. Parameswari**, AP(SRG) - "Whiteflies Monitoring and Controlling System Using IOT"
- **Dr. L. Dhanabal**, AP(SRG) - "Convolution Neural Network Based Hybrid Network Intrusion Detection for a Enterprise Software Defined Network "

Consultancy

- Billing & Invoicing Software, was designed for Mercury Mobiles, Madurai under guidance of **Dr. M. Manikantan**.

Resource Sharing

- **Dr. Rajankrupa C**, has been the resource person for the workshop "Introduction to DBMS" organized by KCLAS - Mathematics Dept on 07-May-22.

Book Publications

- **Dr. P. Parameswari**, published a book chapter titled "**Early Stage Prediction of Plant Leaf Diseases Using Deep Learning Models**" in "**Computer Vision and Machine Learning in Agriculture**",Volume 2, Springer Singapore.



Paper Publications

- **Ms. Jalaja Jayalakshmi. V**, AP/MCA, **Dr. V. Geetha**, Prof/MCA has published a paper entitled , "Analysis and Prediction of Stroke using Machine Learning Algorithms," 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675545.
- **Dr. R. K. Kavitha**, AP[SRG]/MCA, **Ms. S. R. Sujithra**, PG Scholar-MCA has published a paper "Consumer Online Buying Behaviour - A Perspective Study Analysis using R "" ,IEEE Xplore,2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA),pp.1-5,DOI:10.1109/ICAECA52838.2021.9675566".
- **Dr. V. Geetha**, Prof/MCA, **Ms. Jalaja Jayalakshmi. V**, AP/MCA has published a paper entitled , "An Analysis of Students' Performance in Adaptive E-Assessment During Covid", IEEE Xplore, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA),pp. 1-4, doi:10.1109/ICAECA52838.2021.9675593.
- **Dr. V. Geetha**, Prof/MCA, **S.Yedhukrishnan** has published a paper entitled , "Glaucoma detection in fundus image using CNN", IEEE Xplore, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA),pp. 1-4, doi:10.1109/ICAECA52838.2021.9675642.
- **Dr. P. Parameswari**, AP[SRG]/MCA, **Dr. N. Rajathi**, Professor/IT & **K. J. Harshana** has published a paper, "LoRa Based Framework to Detect Whitefly Infestation in Coconut Trees", IEEE Xplore, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA).
- **Dr. P. Parameswari**, AP[SRG], **Dr. N. Rajathi**, Professor/IT has published a paper Machine Learning Approaches for Crop Recommendation, IEEE Xplore, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA).



STUDENT ZONE

**MGS 2021
AWARDEES**



Department of **Master of Computer Applications**
Batch 2018 - 2021



HARI PRASAD K
18MCA001



SHANGEETHA C R
18MCA014



NANDHINI S
18MCA018



ANU VARSHINI R M
18MCA022



AISWARYA S
18MCA033



DHARANIPRIYA R
18MCA043



JANANI B
18MCA048



SANOFER JAHANA M
18MCA064



VARSHAA M
18MCA068



YASHIKA K
18MCA101



SWATHI M
18MCA102

Batch 2019 - 2022



ANUSIYA A
19MCA001



PARTHASARATHY A
19MCA007



VINOTH BALA B
19MCA009



NIVETHA M
19MCA019

Batch 2020 - 2022



ANISH K
20MCA005



DEEPTHI
20MCA014



PRAKASH RAJ
20MCA029



SEETHALAKSHMI
20MCA037



SHINNY ESTHER
20MCA038



SIVA SANKARI
20MCA039



SUJITHRA
20MCA041



THARANI C
20MCA045



WISVAMBARI J
20MCA048



- “Synergy 2022 - A National Level Online Technical Symposium” - 10 Students participated from I MCA and won the Overall Championship Rolling Trophy, 25/02/2022.

21MCA013	Harishma. S	Debugging	1 st
21MCA020	Kirsten Kennedy. K	Powerpoint Presentation	1 st
21MCA029	Praveen Kumaran	Technical Quiz	2nd
21MCA016	Karthika. V	Technical Quiz	3rd
21MCA028	Nithya Shree. M	Technical Quiz	Participation
21MCA025	Mohammed Farhaan. V	Technical Quiz	Participation
21MCA036	Sankeertha. B. R	Technical Quiz	Participation
21MCA023	Latha P	Non-Technical Quiz	Participation
21MCA053	Suvetha P	Non-Technical Quiz	Participation
21MCA040	Sathya	Non-Technical Quiz	Participation





- **“Order of Merit for Performance”** to **Aravind R** - 20MCA007 in the Internship at PSG Software Coimbatore, 26/02/2022.
- **"Workshop on Android APP Development using JAVA"** to MCA students on 19/03/2022.
- **“Workshop on Drafting a Research Article- Tools and Methods”** to MCA students 24/03/2022 and 25/03/2022
- Four Teams of six members each from I MCA Participated in **Smart India Hackathon** conducted internally in our campus on 14/3/2022 and 15/3/2022. One team has forwarded to finals.

21MCA006	ASHWIN RAM N
21MCA009	DHIWAKAR K
21MCA023	LATHA P
21MCA034	RISHIKESH K M
21MCA053	SUVETHA P
21MCA058	VIVEK JAIN

- IIC Activity on **“Creating New Opportunities for the Students and Faculties to become an entrepreneur”** was conducted on 02-04-2022. The resource person was Mr. Gowtham R, CEO, Jayam Sarees, Coimbatore.
- **Sujithra S.R**, 20MCA041 attended Workshop on Data Science & Analytics with Python on 9/5/2022 organized by Kumaraguru college of Technology & Forge Accelerator, Coimbatore
- **Ms. Akshitha Shaji**, 20MCA003, Presented a research paper entitled **“A hybrid model for parkinson’s disease detection classification”** in International Conference on Artificial Intelligence & Data Analytics, Internet of Things and Cyber Security ICAIC-22" on 20.05.2022 and 21.05.2022 under the guidance of **Ms.V.Jalaja Jayalakshmi** and **Dr. V. Geetha**.
- **Ms. Akshitha Shaji**, 20MCA003, Presented a research paper entitled **“Early detection of parkinson’s disease using machine learning techniques - A survey”** in International Conference on Artificial Intelligence & Data Analytics, Internet of Things and Cyber Security ICAIC-22" on 20.05.2022 and 21.05.2022 under the guidance of **Ms.V.Jalaja Jayalakshmi** and **Dr. V. Geetha**.
- **Ms. Akshitha Shaji**, 20MCA003, Presented a research paper entitled **“A comparative study on parkinson’s disease detection using machine learning techniques”** in International Conference on Artificial Intelligence & Data Analytics, Internet of Things and Cyber Security ICAIC-22" on 20.05.2022 and 21.05.2022 under the guidance of **Ms.V.Jalaja Jayalakshmi** and **Dr. V. Geetha**.



- **Ms. Akshitha Shaji**, 20MCA003, Presented a research paper entitled **“A comparative study on parkinson’s disease detection using machine learning techniques”** in International Conference on Artificial Intelligence & Data Analytics, Internet of Things and Cyber Security ICAIC-22" on 20.05.2022 and 21.05.2022 under the guidance of **Ms.V.Jalaja Jayalakshmi** and **Dr. V. Geetha**.
- **Ms. S. Harishma**, 21MCA013, Presented a research paper entitled **“Predicting students’ outcome with respect to trust, perception, and usefulness of their instructors in academic help seeking using Fuzzy logic approach”** in International Conference on Artificial Intelligence & Data Analytics, Internet of Things and Cyber Security ICAIC-22" on 20.05.2022 and 21.05.2022 under the guidance of **Dr.R.K.Kavitha**
- **Ms. S. R. Sujithra**, 21MCA041, Presented a research paper entitled **“Performance Analytics in Collaborative Learning Environments”** in International Conference on Artificial Intelligence & Data Analytics, Internet of Things and Cyber Security ICAIC-22" on 20.05.2022 and 21.05.2022 under the guidance of **Dr.R.K.Kavitha**.
- **Ms.Nithya shree M**, 21MCA28, Presented a research paper entitled **“A study on the impact of Self-Determination on academic achievement”** in International Conference on Artificial Intelligence & Data Analytics, Internet of Things and Cyber Security ICAIC-22" on 20.05.2022 and 21.05.2022 under the guidance of **Ms. Amala Jayanthi**.
- **Ms.Sankeertha B R**, 21MCA36, Presented a research paper entitled **“A study on the impact of Self-Determination on academic achievement”** in International Conference on Artificial Intelligence & Data Analytics, Internet of Things and Cyber Security ICAIC-22" on 20.05.2022 and 21.05.2022 under the guidance of **Ms. Amala Jayanthi**.
- **Kirsten Kennedy K**, 21MCA020, Presented a research paper entitled **“Measuring the size and efforts for e-learning projects using Function Point Analysis ”** in International Conference on Artificial Intelligence & Data Analytics, Internet of Things and Cyber Security ICAIC-22" on 20.05.2022 and 21.05.2022 under the guidance of **Dr. C Rajan Krupa**.
- **Arunna S**, 21MCA005, Presented a research paper entitled **“Assessment System To Determine Students Efficiency in Online Class”** in International Conference on Artificial Intelligence & Data Analytics, Internet of Things and Cyber Security ICAIC-22" on 20.05.2022 and 21.05.2022 under the guidance of **Dr. N Jayakanthan**.



PLACEMENTS

BATCH - 2019 - 2022

COGNIZANT	ANUSIYA A KOWSALYA S NIVETHA M VINOOTH BALA B
SKOLAR	PRASANTH K NAVEEN KUMAR S
PWC	NIVETHA M
ALBATROZ	PARTHA SARATHY A
PSG SOFTWARE TECHNOLOGIES	KARTHIKEYAN S
ATOS GLOBE	NAVEEN K
ACCENTURE	ANUSIYA A
TCS	VINOOTH BALA B
PENTAGON SPACE	KARTHIKEYAN S SIBI HARSHAVARDHAN S
SKILL VERTEX	SURYA PRAKASH S

*As of 31ST MAY 2022



PLACEMENTS

BATCH - 2020 - 2022

PWC	KAVI PRIYA
ALBATROZ	DAVIDSON JACOB DURAI
TRINGSAPP	TAMILSELVAN N
	SREE DEVI M
ACCENTURE	KANISHKA DEVI S K
	PREETHIWIN R
	THARANI C
COGNIZANT	ARUN A
	ARJUUN P S
	DEEPTHI G
	DHARANI M
	HARI SHANKAR R
	SEETHALAKSHMI R
	SWETHA P
	NIVEDA R
	SREE DEVI M
PSG SOFTWARE TECHNOLOGIES	ARAVIND R
VIRTUSA	ARUN A
CAPGEMINI	SREE DEVI M
SKOLAR	HARSHANA J K
	ARAVIND R
	ARUN A
TCS	SREE DEVI M
	MOHAMMED IJAZ M
	WISVAMBARI J
	PRAVEEN V S
HEXAWARE	AKSHITHA SHAJI
	RITHIKA K S
MSYS TECHNOLOGIES	NAVIN MANOJ
VERTICURL	SANDHYA S
	SIVA SANKARI R
SKILL VERTEX	MUKIL VANAN S
	SWETHA S



PLACEMENTS

BATCH - 2020 - 2022

TECH MAHINDRA	KUMAR V SUJITHRA S R SUJITHRA S R ANISH K TAMILSELVAN N PRAKASH RAJ A ARNESH A DAVIDSON JACOB DURAI WISVAMBARI J NIVEDA R
PUBLICIS SAPIENT (Internship)	ANISH K
OPTUM	VENKATRAMANAN S
ROBERT BOSCH	DINESH R ANUSH GOPI I V
PANACEA MEDICAL GTECHNOLOGIES	HARSHANA J K AISHWARYA B
VURAM	SHINNY ESTHER A

PLACEMENTS

BATCH - 2021 - 2023

ZOHO CORP (Internship)	SHARAN MADHAV D RISHIKESH K M PRAVEEN KUMARAN S GOPINATH S
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*As of 31ST MAY 2022