



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

Approved by Government of Tamil Nadu & Accredited by NAAC with 'A++' Grade (3rd Cycle - 3.64 CGPA)

Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.

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TECH BULLETIN Newsletter

JUNE 2022 - MAY 2023

ISBN: 978-81-966306-9-0

Faculty of Computer Science

- Department of Computer Science
- Department of Computer Applications
- Department of Information Technology
- Department of Computer Technology
- Department of Computer Science with Data Analytics
- Department of Computer Science with Cognitive Systems
- Department of Artificial Intelligence and Machine Learning



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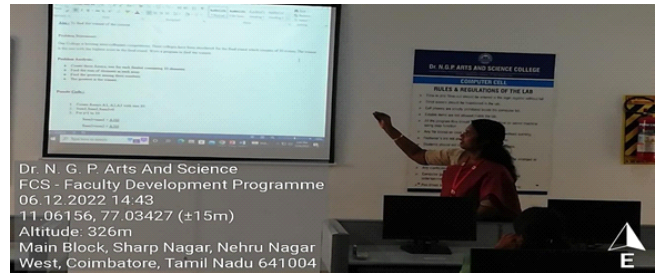
All Staff - Artificial Intelligence and Machine Learning

FACULTY OF COMPUTER SCIENCE

NATIONAL CONFERENCE



Mr. Balakumar Thagvelu, India Head, Outreach (CSR), CTS, Coimbatore, Dr. K.Vijayakumar, Joint Director, CDAC, Chennai, Dr. Ranga Rajagopal, Director & CEO, ACENET Technologies Pvt.Ltd, shared their insights in the National Conference on “Advanced Computing Sciences” on 16.03.2023

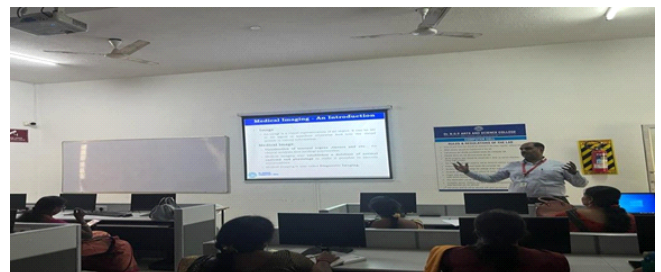


Dr. N. G. P. Arts And Science
FCS - Faculty Development Programme
06.12.2022 14.43
11.06156, 77.03427 (±15m)
Altitude: 326m
Main Block, Sharp Nagar, Nehru Nagar
West, Coimbatore, Tamil Nadu 641004

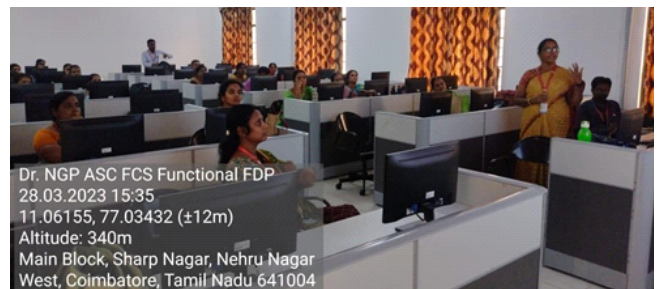
Dr. B. Rosline Jeetha, Professor & Head, Department of Computer Science, Dr. N.G.P Arts and Science College, Coimbatore decoded the concept of “Vertica : A Data Warehouse” on 06.12.2022



Dr. A. Adhiselvam, Associate Professor & Head, Department of Information Technology, Dr. N.G.P Arts and Science College, Coimbatore threw light on “Automata Theory and its application” on 16.08.2022



Dr. N. Kumaresh, Associate Professor and Head, Department of Artificial Intelligence & Machine Learning, Dr. N.G.P Arts and Science College, Coimbatore expounded on “Recent Trends in Medical Imaging” on 31.02.2023



Dr. NGP ASC FCS Functional FDP
28.03.2023 15:35
11.06155, 77.03432 (±12m)
Altitude: 340m
Main Block, Sharp Nagar, Nehru Nagar
West, Coimbatore, Tamil Nadu 641004

Dr. D. Maheshwari, Professor & Head, Department of Computer Technology, Dr. N.G.P Arts and Science College, Coimbatore poured her ideas on “Edge Computing” on 28.03. 2023



Prof. U. Dinesh Kumar, Founder, Analytics Society of India, IIM Bangalore inaugurated student Chapter on 15.02.2022

Faculty Professional Development Programme



Dr. R. Kousalya, Professor and Head, Department of Computer Applications, Dr. N.G.P Arts and Science College, Coimbatore unfolded the “Recent Research Ideas in Data Mining” on 30.11.2022

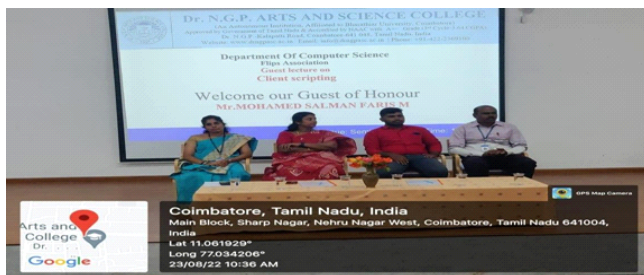
DEPARTMENT OF COMPUTER SCIENCE

About the Department

The Department of Computer Science was initiated in the year 1997 with the objective of providing quality education and liable citizens to the nation. Unique Selling Points of the department are as follows

- Contemporary Course Curriculum designed as per Industry Needs
- Developing students with high Employability Index (HEI) with a dedicated Faculty
- Fostering Entrepreneurship
- Well Qualified & Experienced Faculty Team
- Interactive Technology based 'Flipped Classroom' Learning Methodology

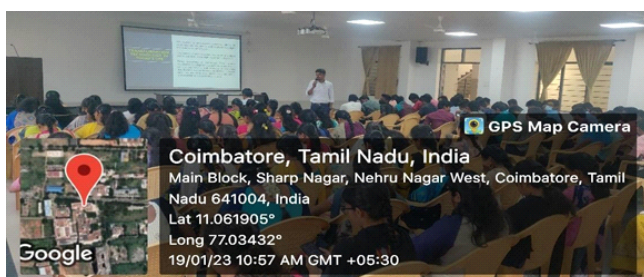
Guest Lecture



Mr. M. Mohammed Salman Faris, Accent Techno Soft (ATS), Coimbatore shared his expertise on "Client scripting" on 23.08.2022



Ms. P. Nandhini, Program Analyst, CTS, Chennai expressed her views on "Dual- Track agile in software Engineering" on 11.02.2023



Mr. Gokulakrishnan, Senior Developer, Capgemini, Chennai articulated his standpoint on "Digital Trust" on 19.01.2023

Alumni Interaction



Mr. S. R. Arunkumar, Software Engineer, Neosay Technologies, Coimbatore shed light on "Scope of Open-source software tools" on 27.08.2022



Ms. Divya Bharathi, Transaction Risk Investigator, Amazon, Chennai made clear her views on "Extended Reality" on 24.01.2023

Extension Activity



"An investment in Knowledge pays the best interest"
- Benjamin Franklin

Students of Computer Science created awareness among the villagers at Nellithurai village on effortless "Cashless Transaction" on 10.09.22

Workshop

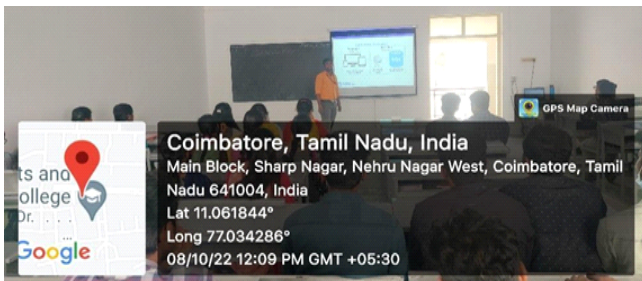


Mr. K. Jeeva, Software Engineer, NXT Logic Software Solution, Coimbatore demonstrated on “AI Implementation Using Python” on 21.09.2022

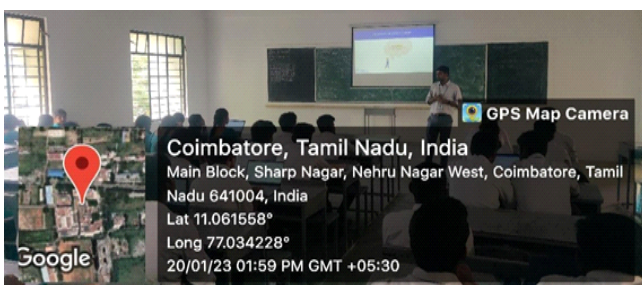


Mr. R. Thirunavukkarsu, Project Lead, Wirpo, Bengaluru charted out the details on “Web Scraping Using Python” on 11.02.2023

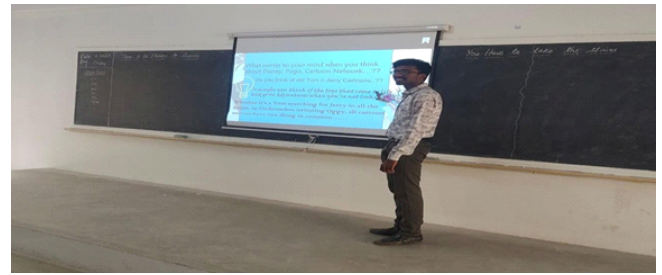
Student Development Program



Mr. S. Saran of III B.Sc Computer Science presented a seminar on “FULL Stack Development” on 08.10.2022



Mr. Prasanth and Ms. Abinaya of II M.Sc Computer Science presented a seminar on “Social Media Mining” on 20.01.2023



Mr. S. Inbarasan, III B.Sc Computer Science presented a seminar on “Java Swing and Animation More Inform to Graphics Interface” on 11.02.2023

Staff Participation

- Mrs. S. Maheswari participated in UGC approved Short Term Professional Development Programme conducted by Indira Gandhi National Open University from 18.11.2022 to 26.11.2022
- Mrs. S. Maheswari participated in FDP on “Cyber Security” conducted by Dr. SNS Rajalakshmi College of Arts and Science from 07.11.2022 to 11.11.2022
- Mrs. S.Maheswari participated in Personal Development Programme on “Research Culture Society & Scientific Research Association” from 26.06. 2022 to 30.06.2022
- Dr. M. Sangeetha participated in UGC Approved Short Term Professional Development Programme conducted by Indira Gandhi National Open University from 07.11.2022 to 16.11.2022
- Dr. M. Sangeetha participated in International Workshop on “Case studies in AI and MI” conducted by PSGR Krishnammal College for Women on 17.11.2022
- Dr. M. Sangeetha participated in One Day National Online FDP on “Impressive Social Etiquette” conducted by Indian Institute of Management and Commerce on 04.11.2022
- Dr. M. Sangeetha participated in National Level FDP on “AI and Cloud Service” conducted by Sri Ramakrishna College of Arts and Science from 31.10.2022 to 04.11.2022
- Dr. M. Sangeetha participated in “International Day of Literacy Quiz” conducted by Rajkiya Engineering College, UP on 08.08.2022
- Dr. M. Sangeetha participated in “Multidisciplinary Applications of MAT LAB” conducted by P. R. Pote (Patil) Group of Education & Welfare Trust’s College of Engineering & Management, Amravati from 24.06.2022 to 29.06.2022
- Dr. M. Savithri participated in UGC Approved Short Term Professional Development Programme conducted by Indira Gandhi National Open University from 07.11.2022 to 16.11.2022

- Mrs. P. Usha participated in UGC Approved Short Term Professional Development Programme conducted by Indira Gandhi National Open University from 18.11.2022 to 26.11.2022
- Mrs. V. Shobana participated in UGC Approved Short Term Professional Development Programme conducted by Indira Gandhi National Open University from 18.11.2022 to 26.11.2022
- Mrs. V. Shobana participated in FDP on “Cyber Security” conducted by Dr. SNS Rajalakshmi College of Arts and Science from 07.11.2022 to 11.11.2022

Research Paper Publication

- Mrs. S. Revathi published a paper on “Human activity recognition using spike neural network with honey badger algorithm” in Journal of Computer Science implications (ISSN No : 2753-8141, CSI Volume 1, Issue 2) on June 2022
- Dr. M. Sangeetha published a paper on “DDR: A Deep Learning Approach for Diabetic Retinopathy Detection using Fuzzy C Means Clustering” in Indian Journal of Natural Sciences (ISSN No : 0976-0997, Vol:13, Issue:71) on April 2022

Book Chapter & Books

- Dr. M. Sangeetha, Published a book Chapter on “Women's Empowerment in India - A Brief Discussion.” ISBN:978-81-957709-3-9 publisher :Dr. N.G.P ASC, August 2022
- Dr. V. Vinodhini, Published a book Chapter on “Women Endorsement in Contradiction of Technology and Social Media Development & Challenges,” ISBN:978-81-957709-3-9 publisher: Dr. N.G.P ASC, August 2022

Staff Presentation

- Dr. V. Vinodhini presented a paper on “IoT -Based seed and plant detection system for tillers” in International Conference on Recent Trends in Computing, Communication and information Technology conducted by Sri Ramakrishna College of Arts and Science from 15.11.2022 to 16.11.2022
- Dr. V. Vinodhini presented a paper on “Emerging Issues and Innovative Practices on Machine Learning in Big Data Analytics and Data Science” in International Conference conducted by M. Kumarasamy college of Engineering from 09.03.2023 to 10.03.2023

Staff Achievements

- V. Shobana received Young Researchers Award from Institute of Researchers on 22.06.2022
- Dr. M. Sangeetha received the Best Faculty Award from Novel Research Academy on 05.04.2022

Staff NPTEL- MOOC Courses

- Dr. M. Sangeetha completed “Java Programming” conducted by NPTEL from 22.08.2022 to 22.10.2022
- Mrs. S. Revathi completed “Brief Introduction to Psychology” course conducted by NPTEL from 01.07.2022 to 01.08.2022

Student NPTEL MOOC Courses

- Charan CS of II M.Sc Computer Science Completed a 4weeks course on Foundation of R Software, course conducted by NPTEL from 01.07.2022 to 01.08.2022

Student Participation

- B. Vignesh, V. Abinayaa, J. Nandhini of II M.Sc (CS) participated in paper presentation event in International Conference conducted by Sri Ramakrishna College of Arts and Science from 15.11.2022 to 16.11.2022
- Shalini. S, Gokila Devi R, Susmitha. S of I M.Sc(CS) participated in one day workshop on “Blockchain Technology” conducted by Sri Ramakrishna Engineering College, Coimbatore on 21.10.2022
- Dhivya. G, Hariram, Kavitha. G, Prasanth S, Ramya. S, Shalini. M, Sowmiya. P.S, Srimanikandan. T.K, Abinayaa. V, Veerappan R, Deepika. S of II M.Sc (CS) participated in International Technical Symposium conducted by PSG College of Technology from 15.10.2022 to 16.10.2022
- Siva Prakash P, Pradeesh P, Mathan Raj Aof I M.Sc(CS) participated in Two Days Workshop on “ML & DL techniques with its applications” conducted by K.S.R College of Technology from 12.10.2022 to 13.10.2022
- I M.Sc CS students participated in Rotary Texcity “YuvaIndia2022” programme organized Hindusthan College, Nava India, Coimbatore from 16.11.2022 to 18.11.2022

DEPARTMENT OF COMPUTER APPLICATIONS

Department of Computer Applications

The Department provides blooming trends in cyberspace opportunities to the student and to meet the challenges in the world. The course provides a sound academic base from which an advanced career in computer application can be developed. This is an undergraduate program where students are exposed to various areas of computer applications including the latest developments keeping pace with the industry.

Guest Lecture



Mr. A. Narendranath, Academy Head, Sprout Knowledge Solutions, Coimbatore delivered a lecture on "Web 3.0" on 05.08.2022



Mr. Vignesh Kumar, Senior Software Engineer, Bosch Global Software Technologies, Coimbatore Shared his insights on "IoT and its magic with Microcontroller" on 05.11.2022

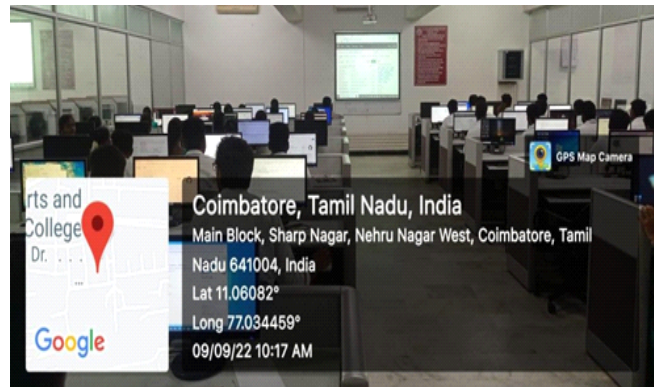


Mr. M. Sabarinathan, Executive Manager, Gate way Software Solutions, Coimbatore gave forth his perception on "Block chain Technologies" on 03.02.2023



Dr. R. Ganesan Prof. and Dean, Department of Computer Science, VIT Campus, Chennai delivered a Guest Lecture on "Blockchain Technologies and its Applications" on 17.02.2023

Workshop



Mr. T. Akil, Software Engineer and Ethical Hackers, Accent Techno Soft, Coimbatore conducted hands-on training on "Ethical Hacking" on 07.09.2022 & 09.09.2022

Alumni Interaction



Ms. Reneesha, Data Analyst, NielsenIQ, Bangalore, Alumni of the department speculated on "Recent Trends in Computing" on 08.10.2022



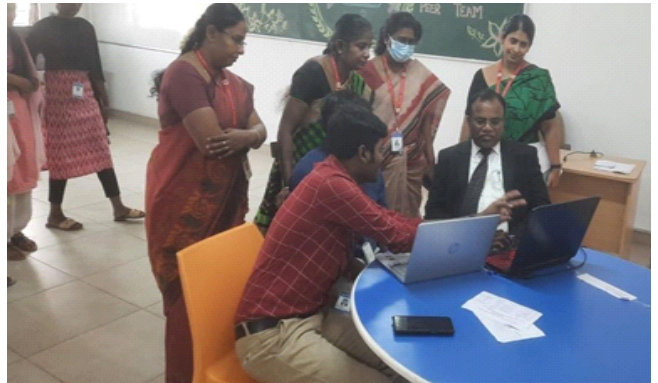
Mr. Naveen Kumar Saravanan, Senior Solution Integrator, Ericsson India Global services Pvt Ltd, Global Info City, Chennai conversed with the students on “Advantages of Scripting languages” on 25.03.2023

Student Development Programme



Mr. Vinoth Kumar and Mr. Ajay Sriram of III BCA presented their assessments on “Future Out look of IT Industry” on 21.03.2023

Project Demo



Students of II & III BCA, showcased a Project Demo for I & II FCS students on 25.01.2023 & 27.01.2023

Mr. P. Abijat, Mr. AS. Akhill of III BCA presented their views on “Open-Source Tools” on 27.08.2022

Inter-Department Meet and Intra-Department Meet



Mr. R. Adithya, Mr. P. Nandha Kumar of III BCA A, presented their views on “Multimedia Applications” on 04.08.2022

Department of Computer Applications organized an Intra departmental event “Zappy 2022” on 10.11.2023



Mr. J. Guruprasath of III BCA B, placed in ZOHO Corporation, Chennai handled the session on “Interview Skills” on 07.01.2023

Department of Computer Applications organized an Inter-Department Meet “Tech Knowledge’23” on 16.02.2023

Industrial Visit



Students of III BCA A & B visited Hear Sight, Advanced Technology Center, Pannimadai, Coimbatore on 05.11.2022

Extension Activity



Awareness programme on “Alternative Energy Resources and Tree Plantation” at Thippapur Village, Coimbatore on 05.11.2022

Staff Achievement

- Mr. P. Dinesh Kumar delivered a Guest Lecture on “Database Management System Relational Model” at KG College of Arts and Science on 17.11.2022

Staff Presentation

- Dr. C. Kumuthini, Dr. K. Kavitha and Mrs. K. Gomathy presented a paper entitled “Computing Strategies for Green Computing” in the National Conference on Cyber Security and Digital Forensics for Society at PSGR Krishnammal College for Women from 19.10.2022 to 20.10.2022

Staff Participation

- Mr. P. Dinesh kumar Dr. B. Ramya attended an FDP on “Impact of Artificial Intelligence” at Dr. SNS Rajalakshmi College of Arts and Science on 11.11.2022
- Dr. B. Ramya attended an FDP on “Impact of Artificial Intelligence”

at Dr. SNS Rajalakshmi College of Arts and Science on 11.11.2022

- Mr.S.Poorana Senthilkumar, participated in a Short-term Professional Development Programme” Implementation of NEP 2020 for University and College Teachers” at Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 07.10.2022 to 15.11.2022
- Mr. S. Poorana Senthilkumar, attended a National seminar on “Industry 4.0: Technologies” at Christ (Deemed to be University) on 29.08.2022
- Mr. S. Poorana Senthilkumar, attended a National Level workshop on “Advanced Artificial Intelligence (AI) Methods in Breast Cancer Diagnosis and Clinical Research” at Dr. N.G.P. Arts and Science College, Coimbatore on 26.11.2022
- Mr. V. Yuvaraj attended an FDP on “Amazon Web Services” at GITAM (Deemed to be University), Hyderabad from 22.08.2022 to 27.08.2022
- Mr. V. Yuvaraj attended an FDP on “Emerging Trends and Technologies in Cyber Security” at Madanapalle Institute of Technology & Science from 14.11.2022 to 18.11.2022
- Mrs. G. Karuthammal participated in three day Faculty Development Programme on “Microsoft Power BI Data Analyst Associate” by ICT Academy at Dr. G.R. Damodaran college of Science from 28.11.2022 to 02.12.2022
- Dr. R. Kousalya participated in a three day Faculty Development Programme on “Emotional Intelligence” conducted by ICT Academy at Dr. NGP Arts and Science College from 15.12.2022 to 17.12.2022
- Mr. V. Yuvaraj participated in National Online Workshop on “Intellectual Property Rights (Basic & Advance)” organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching of Ministry of Education on 11.01.2023
- P. Dinesh kumar and Mrs. K.Gomathy participated in Five day Online International Faculty Development Programme “Challenges For Students In The New Normal”, at Government Arts College (Autonomous), Coimbatore from 13.02.2023 to 17.02.2023
- Mr. V. Yuvaraj participated in 5 day National Webinar on “Revised NAAC Criteria” at St. Teresa’s Degree College for Women, Chamarajpet, Bengaluru from 22.02.2023 to 28.02.2023

Student Achievement - Sports

- Gokul Raj A and Abiraj C of III BCA won second place in the Kabaddi Competition conducted by Kongu Trophy 2022-23
- Gokul Raj A and Abiraj C of III BCA represented Men's Kabadi Team and won the Bharathiar University Inter-Collegiate A Zone Kabaddi Tournament.

Student Participation

- Rahul R of III BCA B participated in the "State Republic Day Parade Camp" at Chennai from 17.01.2023 to 26.01.2023

Membership in Academic Bodies (BoS, etc., in other Colleges)

- Mr. P. Dinesh Kumar - Nominee Member (Computer Society of India)
- Dr. C. Kumuthini - BOS Member, Sri Vidhya Mandir Arts and Science College, Uthankarai

Staff Publications

- Mr. S. Poorna Senthilkumar published a paper entitled "Evolutions of Low Power and Lossy Networks Protocols in the Internet of Things: A Review", in International Journal of Information Technology and Electrical Engineering (2022 ISSN:-2306-708X-Volume11, Issue 3)
- Mr. S. Poorna Senthilkumar published a paper on "Enhanced Objective Function ETX Metric in Routing Protocol for Low-Power and Lossy Networks (RPL)" in International Journal of Computer Networks and Applications (IJCNA) Volume 9, Issue 4, 2022
- Mr. S. Poorna Senthilkumar published a paper "RPL Protocol Limitations, and Open Challenges in Internet of Things: A Review" in International Journal of Advanced Research in Computer and Communication Engineering (e-ISSN:2582-5208) on 2023
- Mr .S. Poorna Senthilkumar published a paper "RPL Protocol Load Balancing Schemes in Low Power Lossy Networks" in International Journal of Science Research in Computer Science and Engineering (Vol11, Issue1) on 28.2.2023

Staff Book Publication

- Dr. K. Kavitha published a chapter "Cloud Data Storage Security" in Modern Computer Science and Applications by Innovation Online Training Academy (IoT Academy) Publishers, ISBN Number: 978-93-93622-07-5
- Dr. C. Kumuthini published a Book "Programming in C++" by Charulatha Publications

- Dr. D. Devi Aruna and Dr. C. Kumuthini published a Book Chapter "Analysis of Fake Reviews and User Access Denial" in the "Handbook of Research in Big Data Analytics, Artificial Intelligence and Machine Learning" published by AETS Global, ISBN:978-93-5782-920-5

PATENT

- Dr. D. Devi Aruna published / applied a patent on "Anovel Approach for Providing Security in IoT Based on Quantum Computing", Indian Patent Office, June 2022
- Dr. D. Devi Aruna published / applied a patent on "A Deep Learning Model to predict the placement of sensors in IoT", Indian Patent Office, July 2022

PLACEMENT

Total Offer Count = 66

Total Individual Count= 38

NPTEL Course Completion

- E. Charan Kumar of II BCA A, completed NPTEL course on "Big Data Computing" with Elite Certification from Aug-Oct 2022

DEPARTMENT OF INFORMATION TECHNOLOGY

About the Department

The Department of Information Technology was established in the year 2007-2008. The B.Sc IT programme is designed to meet the growing requirement of IT industries and provide an in-depth knowledge to analyze and solve the problems practically. The curriculum includes advanced courses such as Cybercrimes and Digital forensics, Mobile Networks, IoT, Artificial Intelligence, Machine Learning, Deep Learning, AR and VR, DevOps, Full Stack and Robotic Automation. The department facilitates students to develop new skills for advanced career opportunities through MOOC, NPTEL, Value added and Certificate courses. Students will have assured internship and placement in the major IT and ITES Companies. They have got placements in reputed companies like Wipro, Infosys, CTS, TCS, Deloitte, Zoho and in Top Product and Service Based MNC Companies.

Guest Lecture



Mr. M. Sabarinathan, Executive Manager, Gateway Solution, Coimbatore delivered a lecture on “No SQL DATABASE” on 14.08.2022



Mr. Asir Justus Christofer, Senior Software Engineer, Bosch Global Software Technologies, Coimbatore shared his inputs on “AI in image processing” on 05.11.2022



Mr. Niranjan Narayanan, Cloud Ops Analyst, Accenture, Bangalore deliberated on “Skill Required for Industry 5.0” on 11.01.2023



Ms.Barani Vidhyasarathy, Senior Solution Architect, HCL Technologies, Coimbatore delivered a lecture on “Illustration of Software Testing” on 11.03.2023

Workshop



Mr. R.J. Senthil Kumar, Director, Sprout Knowledge Solution, R.S. Puram, Coimbatore demonstrated on “Mobile App Development-MIT App inventor” on 18.10.2022



Mr. R. Govindharaj, Technology lead, Infosys limited, Mysore demonstrated on “Art of Angular JS” on 03.02.2023

National Seminar



Smt. Gowri Ashokan delivered a lecture on “Impact of ICT in Women Empowerment” in the one-day National Seminar on “Innovations in ICT towards Women Education and Empowerment-Impacts and Practices” on 24.08.2022



Ms. M. Aishvariya Sri & Ms. S. Brindha of III B.Sc IT discussed on “Logic Building & Pseudocode” on 05.11. 2022



Ms. A. P. Shobana & Ms. M. Priyadarshini of II.B.Sc IT, shared their knowledge on “Tricks in Programming” on 07.01.2023

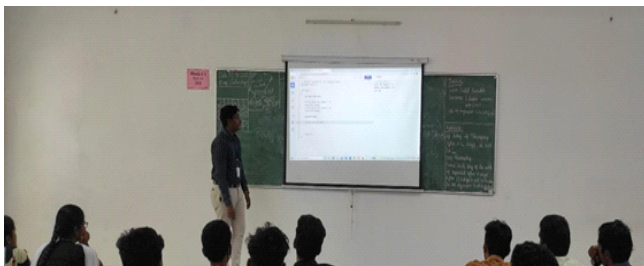
Skill Development Programme



Mr. S. Poorna Senthil Kumar, Assistant Professor, Department of Computer Technology, demonstrated on “PC Assembly” on 29.10.2022



Mr. Harish & Ms. Prathkshana, demonstrated “App development using MIT App Inventor” on 11.02.2023



Mr. R. Sudharshan & Mr. V. Hariharan of III B.Sc IT presented their views on “Blockchain Technology” on 27.08.2022

Extension Activity



Ms. G.R. Sandhiyaasri & Ms. R. Trisha of III B.Sc IT discussed “Robotic Process Automation” on 08.08.2022



Awareness on “Water conservation and Management” at Velliangadu Village on 07.01.2023

Alumni Interaction



Ms. M. Kaviya, Programmer, CTS, Coimbatore interacted with students on “Software Testing” on 10.08.2022



Mr. S. Vivekanand, Business Analyst, Deloitte Consultancy, Bangalore expounded on “Coding Language by Industry” on 25.03.2023

Days Celebrated



Department of Information Technology, Celebrated the “National Computer Security Day” on 30.11.2022



Department of Information Technology celebrated “Safer internet day” on 07.02.2023



Department of Information Technology celebrated “World backup day” on 31.03.2023

Staff Publication

- Dr. A. Adhiselvam, Associate Professor & Head i/c, published a paper titled “Reinforced Securing of data leakage in mobile Ad hoc network (MANET) by hybrid mechanism of identity based encryption (IBE)”, in International Journal of health sciences (ISSN:2550 – 696X) on July 2022
- Dr. A. Adhiselvam, Associate Professor & Head i/c, published a paper on “Security of Multipath Routing Protocol using Trust Based AOMDV in MANETs” in Special us is Ugdymas / Special Education, Vol 2, No 43(Scopus)
- Mrs. P. Menaka, Assistant Professor, published a paper on “Robust Deep Belief Network using Students Learning Behavior for Student performance Prediction” in Journal of Pharmaceutical Negative Results, Vol 13, Issue 7,2022, ISSN:2229-7723 (Scopus)
- Mrs. P. Menaka, Assistant Professor, published a paper on “Tuned Relief Significant Feature Selection Algorithm with Fuzzy multilayer Perceptron network for Students Learning Style-Based Performance Prediction” in Industrial Engineering Journal, (Vol 15, Issue10, ISSN:0970–2555) (UGCIndexed) on Oct 2022

Staff Participation

- Dr. A. Adhiselvam attended International Webinar on Dynamics of Emerging Business innovation and Trends-Academia Industry Role (DEBITAIR-2023) and presented a paper on “A Study on Cyber Crimes and Cyber Laws in India” organized by the Department of Commerce and Financial Studies, Bharathidasan University and Institute of Business Excellence University Teknologi Mara, Malaysia from 06.01.2023 to 07.01.2023
- Dr. S. Rekha attended a FDP on “Emerging Technologies in Computer Science Research” at PPG College of Arts and Science, Coimbatore from 19.12.2022 to 27.12.2022
- Dr. S. Rekha attended a FDP on “Prominent Challenges in Computer Vision, Data and Intelligence” at Navarasam Arts and Science College for Women, Erode from 26.12.2022 to 31.12.2022

- Dr. N. Vanitha attended a FDP on “Prominent Challenges in Computer Vision, Data and Intelligence” at Navarasam Arts and Science College for Women, Erode from 26.12.2022 to 31.12.2022
- Dr. S. Rekha participated in the National Seminar on “Industry 4.0” (Azadi ka Amrit Mahotsav) at Christ University, Bangalore on 26.08.2022
- Dr. R. Praba participated in the National Seminar on “Industry 4.0” (Azadika Amrit Mahotsav) at Christ University, Bangalore on 26.08.2022
- Dr. K. Thenmozhi participated in the National Seminar on “Industry 4.0” (Azadi ka Amrit Mahotsav) at Christ University, Bangalore on 26.08.2022
- Dr. K. Santhi participated in the National Seminar on “Industry 4.0” (Azadi ka Amrit Mahotsav) at Christ University, Bangalore on 26.08.2022
- Dr. N. Vanitha participated in the National Seminar on “Industry 4.0” (Azadi ka Amrit Mahotsav) at Christ University, Bangalore on 26.08.2022
- Mrs. P. Menaka participated in the National Conference on “Drone Applications in Agriculture” at Dr. N.G.P. Arts and Science College on 25.08.2022 & 26.08.2022
- Mrs. P. Menaka participated in the National Conference on “Smart Farming using IoT enabled sensors” at Dr. N.G.P. Arts and Science College on 25.08.2022 & 26.08.2022
- Dr. K. Thenmozhi attended a workshop on “National Intellectual Property Awareness Mission” at Intellectual Property Office on 23.08.2022
- Dr. A. Adhiselvam attended a workshop on TechTalkon “India-Problems-Opportunities” at Computer Science Society of India, Coimbatore on 10.08.2022
- Dr. A. Adhiselvam attended a workshop on “Science Festival (Vigyan Utsav)-Intellectual Property Rights” at Tamil Nadu State Council for Science and Technology on 04.08.2022
- Dr. R. Praba attended a workshop on “Science Festival (Vigyan Utsav)-Intellectual Property Rights” at Tamil Nadu State Council for Science and Technology on 04.08.2022
- Dr. J. Savitha attended a workshop on “Science Festival (Vigyan Utsav)-Intellectual Property Rights” at Tamil Nadu State Council for Science and Technology on 04.08.2022
- Dr. S. Rekha attended a workshop on “Science Festival (Vigyan Utsav)-Intellectual Property Rights” at Tamil Nadu State Council for Science and Technology on 04.08.2022
- Dr. N. Vanitha attended Five days International workshop on “Research trends and technologies of Computer applications in multi-disciplinary stances” at The Gandhigram Rural Institute, Gandhigram from 28.06.2022 to 02.07.2022
- Dr. N. Vanitha attended a workshop organized by IMAM Asonic Rotary Midtown Mahaveer’s Blood Bank at Dr. N.G.P. Arts and Science College on 21.06.2022
- Dr. N. Vanitha attended a workshop on “ICT Tools for Effective English Communication” at KPR College of Arts Science and Research on 25.03.2022
- Dr. N. Vanitha attended a webinar on “Fund raising Ideas for community social services” at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore on 20.03.2022
- Mrs. B. Sivaranjani attended a National Seminar on “Industry 4.0 (Azadi ka Amrit Mahotsav)” at Christ University, Bangalore on 26.08.2022
- Dr. A. Adhiselvam attended a Webinar on “Project Management and Cyber Security” at CSI, Coimbatore Chapter, Coimbatore on 12.10.2022
- Dr. A. Adhiselvam attended a Webinar on “Habits of Efficient Software Engineers” at CSI, Coimbatore Chapter, Coimbatore on 15.11.2022.
- Dr. A. Adhiselvam attended a FDP on “Emotional Intelligence” at ICT Academy, Dr. N.G.P. Arts and Science College, Coimbatore from 15.12.2022 to 17.12.2022
- Dr. A. Adhiselvam attended a Workshop on ‘Advanced Artificial Intelligence methods in Breast Cancer Diagnosis and Clinical Research’ at Dr. N.G.P. Arts and Science College
- Dr. A. Adhiselvam attended a UGC approved short-term Professional Development Programme on “Implementation of NEP-2020 for University and College Teachers at Indira Gandhi National Open University, New Delhi from 21.12.2022 to 31.12.2022
- Dr. A. Adhiselvam attended a NPTEL-AICTE FDP on “Cloud Computing” at SWAYAM-NPTEL, IIT, Chennai from July-October 2022.
- Dr. K. Thenmozhi attended a workshop on Research Advancements in Intelligent Computing Technologies at Sri Krishna Arts & Science College from 19.12.2022 to 23.12.2022
- Dr. K. Thenmozhi attended a FDP on “Prominent Challenges in Computer Vision, Data and Intelligence” at Navarasam Arts and Science College for Women, Erode from 26.12.2022 to 31.12.2022
- Dr. K. Thenmozhi attended a workshop on “Green Audit & Energy Audit in HEI’s” at IoT Academy on 28.12.2022

- Dr. K. Thenmozhi attended a workshop on “ICT Tools and Innovative Teaching Techniques” at IoT Academy from 29.12.2022 to 30.12.2022

Student Participation

- Naveen of II B.Sc IT B won III prize in Poster Making competition organized by Rathinam College of Arts and Science on 22.02.2023 & 23.02.2023
- M Sedhu Vignesh of II B.Sc IT B won III prize in Poster Making competition organized by Rathinam College of Arts and Science on 22.02.2023 & 23.02.2023
- R Mohammed Abu Hudaia of II B.Sc IT A won III prize in MIME organized by Rathinam College of Arts and Science on 22.02.2023 & 23.02.2023
- A P Shobana of II B.Sc IT A won III prize in MIME organized by Rathinam College of Arts and Science on 22.02.2023 & 23.02.2023.
- Thananjeyan of II B.Sc IT A won III prize in MIME at the event organized by Rathinam College of Arts and Science on 22.02.2023 & 23.02.2023
- N. Manikandan of II B.Sc IT A won III prize in MIME organized by Rathinam College of Arts and Science on 22.02.2023 & 23.02.2023
- K. Aatharsh of II B.Sc IT A won III prize in MIME organized by Rathinam College of Arts and Science on 22.02.2023 & 23.02.2023
- S. Anusri of II B.Sc IT A won III prize in MIME organized by Rathinam College of Arts and Science on 22.02.2023 & 23.02.2023
- R. Sarath Kumar of II B.Sc IT A won III prize in MIME organized by Rathinam College of Arts and Science on 22.02.2023 & 23.02.2023
- R. Mohammed Abu Hudaifa of II B.Sc IT A won I prize in MIME organized by Sri Krishna Adithya College of Arts and Science on 17.02.2023
- A P Shobana of II B.Sc IT A won I prize in MIME organized by Sri Krishna Adithya College of Arts and Science on 17.02.2023
- S. Parthiban of II B.Sc IT A won I prize in MIME organized by Sri Krishna Adithya College of Arts and Science on 17.02.2023
- A. Thananjeyan of II B.Sc IT A won I prize in MIME organized by Sri Krishna Adithya College of Arts and Science on 17.02.2023
- N. Manikandan of II B. Sc IT A won I prize in MIME organized by Sri Krishna Adithya College of Arts and Science on 17.02.2023
- K. Aatharsh of II B.Sc IT A won I prize in MIME organized by Sri Krishna Adithya College of Arts and Science on 17.02.2023
- S. Anusri of II B.Sc IT A won I prize in MIME organized by Sri Krishna Adithya College of Arts and Science on 17.02.2023
- R. Sarath Kumar of II B.Sc IT A won I prize in MIME organized by Sri Krishna Adithya College of Arts and Science on 17.02.2023
- S. Yathi of III B.Sc IT B won I prize in MIME organized by Sri Krishna Adithya College of Arts and Science on 17.02.2023
- K. Ramadevi of II B.Sc IT A won I prize in MIME organized by Sri Krishna Adithya College of Arts and Science on 17.02.2023
- M. Rubhashini of II B.Sc IT A won I prize in Debugging organized by Hindusthan College of Arts and Science on 10.02.2023
- A. Shanmathi of II B.Sc IT A won I prize in Debugging organized by Hindusthan College of Arts and Science on 10.02.2023
- R. Girishankar of II B.Sc IT A won II prize in “Technical JAM” organized by Sri Ramakrishna College of Arts and Science on 04.02.2023
- S. Pradeepa of II B.Sc IT A won II prize in Paper Presentation organized by Sri Ramakrishna College of Arts and Science on 30.01.2023
- R. Girishankar of II B.Sc IT A won II prize in Paper Presentation organized by Sri Ramakrishna College of Arts and Science for Women on 30.01.2023
- M. Vaishnavidevi of II B.Sc IT A won III prize in Paper Presentation organized by Sankara College of Science and Commerce on 19.12.2022

Patent

- Dr. K. Santhi, IoT and Cloud Computing based identification of cyber threats using Machine Learning, 2022 11041374, 05.08.2022
- Dr. K. Santhi, A Smart Locking System for Vehicle Using IoT and Cloud Technique and Server, 03.02.2023

NPTEL Course

- Dr. A. Adhiselvam, Associate Professor & Head i/c, Department of Information Technology completed a 12 week course on Cloud Computing from July - October 2022
- Dr. K. Santhi, Professor, Department of Information Technology completed a 12 week course on Programming in Java from July - October 2022

Placement

- Total Offers: **113**
- Individual Offers: **63**
- Number of Students Placed: **63**

DEPARTMENT OF COMPUTER TECHNOLOGY

ABOUT THE DEPARTMENT

Computer Technology has many subfields; some emphasize the computation of specific results such as computer graphics, while others relate to properties of computational problems such as computational complexity theory.

The Department of Computer Technology envisions producing candidates for the sector of technology, striving forward to develop the nation with their strength and potential along with the knowledge and experience they gain in abundant application areas and through their advanced study and research.

GUEST LECTURE



Mr. Sathya Narayan, Senior Software Developer, Gateway Solutions delivered a lecture on “Data Analytics and its Applications” on 11.02.2023



Mr. G. Palanivelrajan, AI Computer Vision Developer, Novi Tech R & D Pvt Ltd, Coimbatore deliberated on “Principles of Computer Vision” on 20.10.2022.

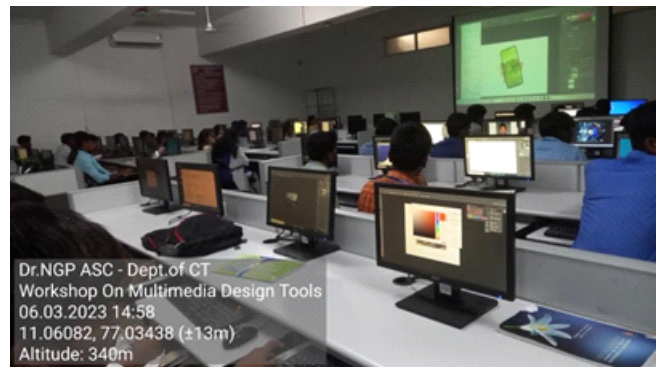


Mr. R. Rajiv, Senior System Analyst, UST Global, Coimbatore expounded on “Road map to Full Stack Development” on 05.08.2022.

WORKSHOP



Mr. B. Selvaraj, Graphics Designer & Unity 3D Developer, Genies IT Services Pvt Ltd, Coimbatore illustrated “Game Development” on 01.09.2022



Mr. Tamilselvan, Director, Yellow Tree Academy, Coimbatore conversed on “Multimedia Design Tools” on 02.03.2023 and 03.03.2023

STUDENT DEVELOPMENT PROGRAMME



Ms. M. Sanchita of III B.Sc CT, delivered a lecture on “Web Hosting” on 27.08.2022

EXTENSION ACTIVITY



Students of Computer Technology, created awareness on “Digital Transaction” at Pathuvampalli Village on 10.09.2022

Student Achievement



Students of Computer Technology won the Overall Championship Trophy at the Inter-Departmental Meet, NGP FEST 2023 on 12.01.2023



R. Priyadharshini of II B.Sc CT won second prize in the Drawing Competition organized by the Department of Tamil on 09.09.2022

Staff Achievements

- Dr. B. Leelavathi was the resource person for a webinar on “Sales promotion using Web Intelligence” at PPG College of Arts and Science on 03.03.2023

- Dr. R. Nithya was the Invited Speaker for National Seminar on “Deep Learning for Computer Vision” at AVP College of Arts and Science Tirupur on 11.02.2023
- Dr. R. Nithya was the resource person for the workshop on “Mobile Application Development” at Tirupur Kumaran College for Women on 19.09.2022
- Mr. T. R. Anand was the resource person for Seminar on “Artificial Intelligence” at AVP College of Arts and Science Tirupur on 26.08.2022

Staff Participation

- Ms. C. Malarvizhi attended two days FDP on “IPR : Innovations and startups” organized by IOT Academy from 25.07.2022 to 26.07.2022
- Dr. M.Rathi attended three days FDP on “Emotional Intelligence” organized by ICT Academy from 15.12.2022 to 17.12.2022
- Dr. D. Maheshwari attended five day FDP on “Research Advancements in Intelligent Computing Technologies” organized by Sri Krishna College of Engineering and Technology” from 19.12.2022 to 23.12.2022
- Mrs. R.S. Padma Priya attended five days FDP on “Achieving Excellence in higher Education and Research” organized by ACT Academy, Tamil Nadu and Academic Research Conglomerate from 26.12.2022 to 30.12.2022
- Dr. B. Leelavathi attended five day FDP on “Personality Grooming - Handling Stress and Emotional Intelligence” organized by PPG College of Arts and Science from 02.01.2023 to 06.01.2023
- Dr. M. Rathi attended a workshop on “National Credit Framework- Credit transfer policy” organized by the University of Hyderabad on 10.02.2023
- Mrs. R.S. Padma Priya attended a workshop on “Outcome based Education” organized by Dr. N.G.P. Arts and Science College in association with IPSR Solutions Ltd on 04.03.2023
- Dr. M. Rathi attended a workshop on “Outcome based Education” organized by Dr. N.G.P. Arts and Science College in association with IPSR Solutions Ltd on 04.03.2023
- Mrs. V. Manimekhalai attended a workshop on “Outcome based Education” organized by Dr. N.G.P. Arts and Science College in association with IPSR Solutions Ltd on 04.03.2023
- Dr. D. Maheshwari attended a workshop on “Outcome based Education” organized by Dr. N.G.P. Arts and Science College in association with IPSR Solutions Ltd on 04.03.2023

Student Participation

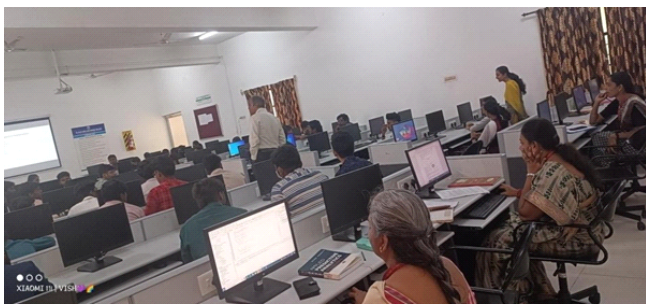
- Kiruthika and Team won second prize for the Group Dance Event organized by PSGR Krishnammal College for Women on 11.03.2023
- R. Sri Saran of III B.Sc CT won second prize in Poster Presentation organized by CSI Coimbatore Chapter on 06.03.2023
- M. Sanchita and Team won first prize in Group Dance organized by SNMV College of Arts and Science on 02.03.2023
- M. Sanchita and Team won first prize in Group Dance at HILARICAS organized by Hindusthan College of Arts and Science on 24.02.2023
- M. Kiruthika and Team won first prize in Group Dance organized by Nehru College of Arts and Science on 10.02.2023
- M. Sanchita and Team won first prize in Group Dance organized by Sree Narayana Guru College of Arts and Science on 05.02.2023
- M. Sanchita and Team won first prize in Group Dance organized by Dr. N.G.P. Arts and Science College on 12.01.2023
- Ms. S. Viveka and M. Shenbaga Kumar of II B.Sc CT won second prize in Quiz in the NGP FEST organized by Dr. N.G.P. Arts and Science College on 12.01.2023
- Ms. S. Viveka of II B.Sc CT won first prize in Creative writing in the NGP FEST organized by Dr. N.G.P. Arts and Science College on 12.01.2023
- Ms. R. Harshinipriya of III B.Sc CT won first prize in Soap Carving in the NGP FEST organized by Dr. N.G.P. Arts and Science College on 12.01.2023
- Ms. S. Nithya of III B.Sc CT won first prize in Paper Collage at NGP FEST organized by Dr. N.G.P. Arts and Science College on 12.01.2023
- Ms. M. Sanchita and Team won first prize in Group Dance organized by Dr. N.G.P. Arts and Science College on 12.01.2023
- Ms. Damini and Team of II B.Sc CT won second prize in Treasure Hunt organized by Rathinam College of Arts and Science on 19.10.2022
- M. Thiraviyam and K. Koushik of II B.Sc CT won second prize in Tech Quiz organized by Rathinam College of Arts and Science on 19.10.2022
- S. Prince of III B.Sc CT won a cash prize of Rs. 5000 for preparing E-Newsletter for CSI Coimbatore Chapter

DEPARTMENT OF COMPUTER SCIENCE WITH DATA ANALYTICS

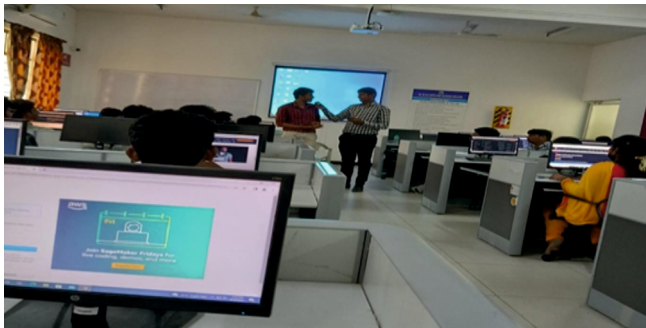
About the Department

The tidal wave of data and the intelligence that emerges from it, is creating a global demand for professionals with skills in Data Analytics. The department of Computer Science with Data Analytics was established in the year 2019 to meet this industry needs. The department offers both B.Sc and M. Sc Computer Science with Data Analytics. The mission of the department is to provide strong theoretical foundations along with practical training while facilitating industry- institute collaborations for knowledge sharing.

Guest Lecture



Mr. T. Nalla Perumal, Technical Lead & Co-Founder, Appville Software, Coimbatore delivered a talk on “Analytics in Manufacturing Domain” on 28.01.2023



Mr. N. Nithish Kumar, Engineer, Cloud infrastructure, Quadra Systems, Coimbatore demonstrated “AWS Cloud Services” in a workshop on 10.09.2022

Alumni Interaction

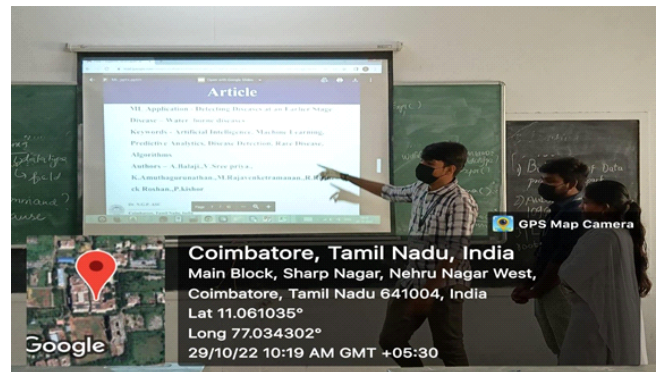


Mr. A.M. Sabarish, Associate Engineer, Data Engineering Team, Cloud Destination Pvt Ltd, Coimbatore (2020-22 PG Batch) conversed on “Data Driven decision making with Power BI” on 05.11. 2022



Ms.R. Manoranjani, Data Analyst, DISYS, Coimbatore (2019-22 PG Batch) illustrated “The Value of Data & Insight of Emerging Brands” on 13.02.2023

Student Development Programme



Byte Crunchers Association organized a Journal review on “Machine Learning in Healthcare Application Challenges and Benefits” on 29.10.2022



The Department of Computer Science with Data Analytics organized “Code Buzz” on account of “International Programmers Day” on 13.09.2022

Fund Received

- Mr. Aneesh.K and Ms. Swetha.S of M.Sc CSDA received Rs.7500 as grant from TNSCST Students Project Scheme for the project titled “Mobile App for career guidance of Tamilnadu Higher Secondary School Students”

Staff Publication

- Ms. Bharathi Anbarasan, Assistant Professor, Department of Data Analytics, published a paper on “A frame work of unequal clustering algorithm for wireless sensor network”, in Virtual Conference on AI and IOT for agricultural innovation and environmental sustainability (ISBN-978-81-957709-5-3)
- Mrs. S. Gomathi Alias Roshini, Assistant Professor Department of Data Analytics, published a paper on “Marketing Analytics on Organic Food product in Coimbatore”, in TKM international Journals for Research in Management (ISSN:0976-0979, Vol No.13 Issue 75) in December 2022
- Dr. Mary Magdalene Jane, Dr. V. Pream Sudha, Dr. A.C. Sountharraj published a paper on “Deep learning approach to identify abnormalities in blood cell images” in International Journal of Health Sciences (Vol. 6 ISSN 2550-6978) in June 2022
- Ms. C. Karpagam, Assistant Professor Department of Data Analytics, published a paper on “An Exploratory Data Analytics to determine Autism Spectrum disorder in young children using Machine learning approaches” in Indian Journal of Natural Sciences, (ISSN :0976-0997, Vol:16 Issue :75) in December 2022

Patents

- Dr. A.C. Sountharraj filed a patent on IoT Enabled Chemical Mixing Device for Agriculture Farm Design, 361647-001, 31.03.2022
- Dr. R. Suganthi filed a patent on Analysis and Detection of Depression Severity Scores Based on EEG Signal Using Machine Learning, 202341001221, 05.01.2023

Book Publication

- Dr. A.C.Sountharraj published a book titled “Big Data Analytics using Python” with CiiT Publishers, 2022

Students Participation

- Ms. M.K. Jaisree of II B.Sc. CSDA won I Prize in Paper Presentation organized by Sri Ramakrishna College of Arts and Science for Women on 30.01.2023
- Mr. L. Naveenkumar of II B.Sc. CSDA won I Prize in Paper Presentation organized by Sri Ramakrishna College of Arts and

Science for women on 30.01.2023

- Ms. S. Nanthana of III B.Sc. CSDA won II Prize in Mock CID organized by PSGR Krishnammal College for women on 11.03.2023
- Ms. S. Sanjana of III B.Sc. CSDA won II Prize in Mock CID organized by PSGR Krishnammal College for women 11.03.2023

Membership in Academic Bodies

- Dr. F. Mary Magdalene Jane, University Nominee for the Department of Computer Science at Kongunadu College of Arts and Science

Placement:

- Total number of Students placed:48

NPTEL Course Completion

- Dr. V. Pream Sudha, completed NPTEL Online Certification on “Big Data Computing” from August to October, 2022
- Ms. C.Karpagam, completed NPTEL Online Certification on “Learning Analytics Tools” from July to October, 2022
- Mrs. S. Govardhini, completed NPTEL Online Certification on “Big Data Computing” from August to October, 2022
- Ms. Bharathi Anbarasan, completed NPTEL Online Certification on “Big Data Computing” from August to October, 2022

Staff Achievement

- Dr. A.C. Sountharraj was the Resource Person at VLB Janakiammal College of Arts and Science and spoke on “Cyber Security” on 26.08.2022
- Dr. V. Pream Sudha was the Resource Person at PSG College of Arts and Science and lectured on “Tech Startups and innovation in Education for Economic Growth” on 16.11.2022
- Dr. R. Suganthi was the Resource Person at TIPS association and lectured on “Sense of Responsibility among Citizens” on 05.12.2022
- Dr. V. Pream Sudha was the Resource Person at PSGR Krishnammal College for Women and illustrated “Recent Trends in Information Retrieval” on 30.01.2023

DEPARTMENT OF COMPUTER SCIENCE WITH COGNITIVE SYSTEMS

About the Department

The Department of Computer Science with Cognitive Systems, is an industry-specific programme supported by Tata Consultancy Services (TCS). A unique curriculum is designed by TCS to make the students industry ready. Faculty is trained on cutting-edge technologies by experts from TCS. Professionals from academia and industry impart hands-on training to impart essential skills to students. The training and placement cell of assists students and continuously maintains an outstanding record of placements with top-tier companies

National workshop



Dr. N. Murali, Professor and Head, Radio-Diagnosis Coimbatore Medical College Hospital, Coimbatore delivered an Inaugural address in the ICMR Sponsored National Workshop, New Delhi on “Advanced Artificial Intelligence (AI) Methods in Breast Cancer Diagnosis and Clinical Research” on 26.11.2022

Workshop



Mr Ashok Kumar, IoT Developer, Novi Tech R&D Pvt. Ltd, Coimbatore illustrated on “Logic Building” on 19.10.2022



Mr. M. Mathu, Software Developer, Payoda Technologies, Coimbatore Shared his expertise in a Workshop titled “Web Development” on 23.03.2023

Guest Lecture



Mr.S. Naveen Kumar, Senior Solution Integrator, Ericsson India Global Services, Chennai delivered a lecture entitled “Scripting Languages” on 11.02.2023



Mr. P. Siva Bharathi and Mr. R. Vigneshwaran, Technical Engineer, Vi Microsystems Pvt. Ltd, Coimbatore shared his inputs on “Industry-Internet of Things (IoT) Applications” on 18.08.2022



Mr. A. Karthikeyan, Technical lead from American India, Pvt., Bangalore expounded on “Cloud Technologies” on 10.09.2022

Student Development Programme



Mr. G. Dharmaraj and Mr. J. Sudhan of III B. Sc CSCs, Dr. N.G.P. ASC, Coimbatore shared his knowledge on “Bot Creating using RPA” on 17.02.2023



Ms. K. Rindhiya and S. Shanmuga priya of III B.Sc CS Cs, Dr. N.G.P. ASC, Coimbatore presented a session on “Digital Marketing” on 05.11.2022

Faculty Participation

- Dr. A. Nirmala participated in the Online International Capacity Building Faculty Development Programme On" Art of Research Paper Writing for Publications" on13.10.2022
- Dr. R. Senthil Kumar obtained one-week UGC approved Short Term Professional Development Programme on “Implementation of NEP-2020 for University and College Teachers”organized by IGNOU from 18.11.2022 to 26.11.2022
- Dr. R. Senthil Kumar participated in the International Workshop on “Augmented Reality”organized by department of Computer Science, PSGR Krishnammal College for Women, Coimbatore, on 21.02.2023
- Dr. R. Senthil Kumar attended Seven day FDP on “Machine Learning: Concepts and Applications”organized by the department of CSE, University of Jammu, Jammu Tawi (J&K) from 14.03.2023 to 20.03,2023.
- Dr. P. Sakthi Murugan participated in the five Day Virtual National Level Faculty Development Programme on “Recent Advancements in Computing Technology” organized by the Department of Computer Science (Under DBT Star College

Scheme), SriS. Ramasamy Naidu Memorial College, Sattur on 13.02.2022 and 14.02.2022

- Dr. P. Sakthi Murugan participated in Five Day National Level FDP on “Artificial Intelligence and Cloud Services” organized by Department of Information Technology and Computer Science, Sri Ramakrishna College of Arts and Science (Autonomous), Coimbatore from 31.10.2022 to 04.11.2023
- Dr. P. Sakthi Murugan attended five day FDP on Research Advancement in Intelligent Computing Technologies at Sri Krishna College of Engineering and Technology, Coimbatore from 19.12.2022 to 23.12.2023
- Dr. P. Sakthi Murugan participated in the six day Virtual International faculty Development Programme on “Prominent Challenges in Computer Vision, Data and Intelligence”, at Navarasam Arts and Science College, Erode from 26.12.2023 to 31.12.2023

Students Participation

- Mr. M. Alagar Raja of II B.Sc CSCs secured First Prize in Solution Drive at Sri Ramakrishna College of Arts and Science for Women, Coimbatore on 30.01.2023
- Mr. R. Gnana Deepak from II B.Sc CSCs secured Third Prize in Facial Painting at VLB Janakiammal College of Arts and Science, Coimbatore on 24.03.2023
- Mr. R. Gnana Deepak from II B.Sc CSCs secured First Prize in Facial Painting at Sri Ramakrishna College of Arts and Science, on 04.04.2023

Grants Received:

- Dr. R. Senthil Kumar received a grant of Rs.25,000/- from DBT, New Delhi, for organizing a National Conference from 24.8.2022 to 25.8.2022
- Dr. R. Senthil Kumar received a grant of Rs.1,22,000/- from ICMR, New Delhi, for organizing a National workshop on 26.11.2022

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

About the Department

The Department of Artificial Intelligence and Machine Learning was established in the year 2021 - 2022. The department offers B.Sc. Artificial Intelligence and Machine Learning Programme under the Faculty of Computer Science. Artificial Intelligence in the modern era has become the driving force in almost all domains. It has become the core necessity for most of the companies around the world and is being widely used by most of them. So, B.Sc. Artificial Intelligence & Machine Learning in the present times is the right option that promises a voluminous scope.

The Department is committed to impart rigorous training to students to generate knowledge through the state-of-the-art concepts and technologies in AI/ML, and to transform the Department as a Centre-of-Excellence in imparting AI/ML education and research. The curriculum is designed as a convenient learning path for any novice to attain expertise in the domain. The department guides the students to unleash their potential towards end less opportunities in industry and research globally.

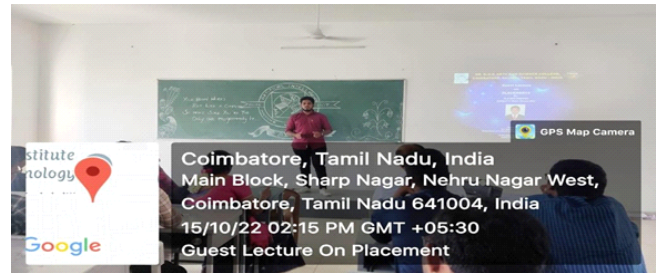
Guest Lecture



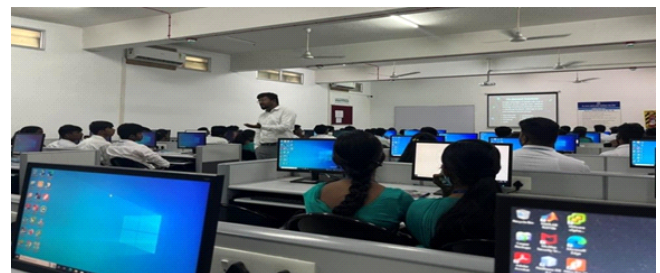
Mr. V.S. Shree Gowtham, Dev Ops Engineer, Signiance Technologies, Coimbatore conversed on “Controlling Appliances Using IoT” on 18.08.2022



Mr. Venkateshwaran Selvaraj, Senior Architect, Bosch Global Software Technologies, Coimbatore addressed the students on “Amazon Web Services” on 10.09.2022



Mr. Dev Prasad, Street Scale HCL, Coimbatore guided the students on “Placements” on 15.10.2022



Mr. Suraj Krishnan, Chief Executive Officer, Haqto Technologies Pvt. Ltd., Coimbatore conversed with the students on “Web Application Development” on 20.01.2023



The Department of Artificial Intelligence & Machine Learning in collaboration with Department of Computer science with Cognitive Systems organized an awareness programme on “Safer Internet Day” on 07.02.2023 in accordance with Internet Day Celebrations at Dr. N.G.P Arts and Science College, Coimbatore.



Mr. Sri Ramkumar Padmanabhan, Chief Executive Officer, Indtechsoft, Coimbatore discussed about “Best IT’s Roles in MNC’s” on 11.02.2023



Dr.NGP Arts & Science College
Department of AI & ML - Guest Lecture
11.03.2023 15:00

Mr. M. Aswin Lakshmanan, Full Stack Developer, Kenpath Technologies Pvt. Ltd, Bengaluru shed light on “Emerging Trends in IT” on 11.03.2023

STUDENT DEVELOPMENT PROGRAMME

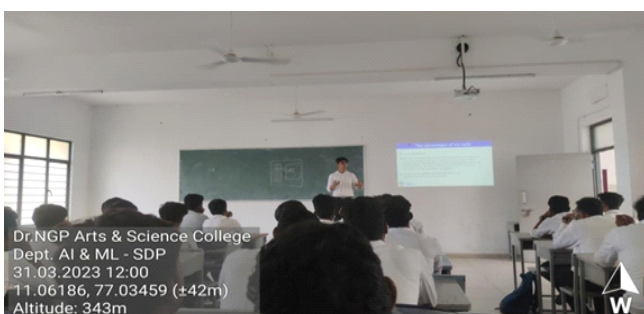


Dr.NGP ASC - Dept. AI&ML
Student Development Programme
29.10.2022 13:48
11.06188, 77.03457 (±8m)
Altitude: 323m

Mr. Jey Prabu S and Mr. Kavin M D of II B.Sc. Artificial Intelligence & Machine Learning presented a seminar on “Preparation on Hackathon” on 29.10.2022



Mr. Hariharasudan A.S. and Ms. Joshika K, of II B.Sc Artificial Intelligence & Machine Learning, Dr. N.G.P. Arts and Science College, Coimbatore delivered a speech on “Learnathon” on 07.01.2023



Dr.NGP Arts & Science College
Dept. AI & ML - SDP
31.03.2023 12:00
11.06186, 77.03459 (±42m)
Altitude: 343m

Mr. Meianbu B and Mr. Pravin A of I B.Sc. Artificial Intelligence & Machine Learning, Dr.N.G.P. Arts and Science College, Coimbatore presented a seminar on “NO - Code AI” on 01.04.2023

WORKSHOP



Dr.NGP ASC - Dept. AI&ML
Skill Development Programme
Ref.No. 00000
05.11.2022 14:26
11.06185, 77.03456 (±11m)
Altitude: 319m

Mr. Poorna Senthilkumar, Assistant Professor, Department of Computer Applications, Dr. N.G.P. Arts and Science College, Coimbatore addressed the students about “PC Assembly” on 05.11.2022

EXTENSION / OUTREACH PROGRAM:



An awareness programme on “Education Opportunities in IT Sector” was organised at Velliangadu School, Karamadai on 25.03.2023

ACHIEVEMENTS BY STUDENTS

- Shindhyasree. B.M & Rithanya. P of I B.Sc. Artificial Intelligence & Machine Learning participated in paper presentation on “Competition issues in India” organised by Gobi Arts and Science College, Gobichettipalayam on 25.09.2022
- Hrutig Pirem. J of I B.Sc. Artificial Intelligence & Machine Learning won third price in group dance in IGNEXIA 2022, a National level inter-collegiate fest at NIFT-TEA College of knitwear fashion on 03.11.2022 and 04.11.2022

STAFF PARTICIPATION

- Dr. N. Kumaresh participated in Faculty Development Programme on “National Intellectual Property Awareness Mission” conducted by Intellectual Property Office, India on 15.09.2022
- Dr. N. Kumaresh participated in Faculty Development Programme on “Digital Marketing” a Corporate Social Responsibility initiative by Infosys BPM, Mysore on 13.07.2022
- Dr. N. Kumaresh participated in Faculty Development Programme on the topic “Data science Essentials for Business Leaders - Learn Machine Learning and AI with No Coding Effort”, in One week Intensive Knowledge Enrichment Programme conducted by CII Bangalore Chapter from 11.01.2023 to 19.01.2023

- Dr. N. Sathya participated in Faculty Development Programme on “Prominent Challenges in Computer Vision and Data Intelligence”, conducted by Navarasam Arts and Science College for women from 11.01.2023 to 19.01.2023
- Dr. N. Kumaresh participated in Faculty Development Programme on “Emotional Intelligence”, conducted by ICT Academy on 15.12.2022
- Dr. N. Kumaresh participated in Faculty Development Programme on “International Virtual FDP, International Virtual Seminar on English Language Literature, Linguistics, Cultural Studies”, conducted by WELLTTA on 13.11.2022
- Dr. N. Kumaresh participated in Faculty Development Programme on “Youth Leadership Summit 2022”, conducted by Jury for Youth Leadership Pre-final son 12.10.2022
- Dr. N. Kumaresh participated in Faculty Development Programme on the topic “One day workshop on Outcome Based Education (OBE)”, conducted by DR. N.G.P. Arts and Science College on 04.03.2023
- Dr. N. Sathya participated in Faculty Development Programme on “One day workshop on Outcome Based Education (OBE),” conducted by Dr. N.G.P. Arts and Science College on 04.03.2023

PUBLICATION BY STAFF MEMBERS

- Dr. N. Kumaresh published an article entitled, “Memory and Time aware Automated Job Ontology Construction with reduced Ontology Size Based Semantic Similarity” in Journal of Xi’ an Shiyou University, Natural Science Edition, (ISSN:1673–064X) on October2021

PATENT

- Dr. N. Sathya filed a patent entitled “Artificial Intelligence Technique to automate the process of Steel Making”on 31.07.2022 and published on 12.08.2022

NPTEL

- Jey Prabu S of II B.Sc. AI&ML completed “Python for Data Science”, NPTEL course on July 2022
- Hariharan M of II B.Sc. AI & ML completed “Data Base Management System”, NPTEL course on December 2022



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

Approved by Government of Tamil Nadu & Accredited by NAAC with 'A++' Grade (3rd Cycle - 3.64 CGPA)

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