



KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
Re-accredited by NAAC with A⁺ Grade - 4th cycle, College of
Excellence – UGC
29th Rank among Colleges in NIRF 2023
Coimbatore - 641 029, Tamil Nadu, India

DEPARTMENT OF COMPUTER SCIENCE (AIDED)

A Hands on Training on “Machine to Machine Communication (M2M)”

Supported by

DBT STAR COLLEGE SCHEME

REPORT

Name of The Event	A Hands on Training on “Machine to Machine Communication (M2M)”
Date	03.09.2024
Time	10.00AM
Venue of The Programme	Lab - VI
Objectives of the Programme	1. Understand M2M architecture 2. Configure M2M devices 3. Develop M2M applications 4. Integrate M2M with IoT platforms 5. Design M2M networks 6. Troubleshoot M2M issues
Outcome of the Programme	1.Automation 2.Efficiency 3. Real time Monitoring 4. Data exchange 5. Remote control 6. Predictive maintenance 7. Improved safety 8. Reduced costs

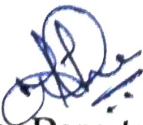
	9. Enhanced customer experience 10. Data-driven insights
Number of Beneficiaries with class (Both students and faculty)	II B.Sc Computer Science - 38 III B.Sc Computer Science - 33 Faculties: 3 Dr.S.Radharani Ms.K.Deekshana Mrs.M.Juliet Monolisa Esther Total No of Beneficiaries: 74

Report in Detail :

The Session was started by Dr.S.Radharani by addressing the gathering and brief introduction of the resource person. The resource person Dr.N.V.Brindha ,Assistant Professor of Computer Science, PSGR Krishnammal college for women, Coimbatore.

IoT Devices are used to automate the processes and reduce the manual intervention. It is used to enhance operational efficiency and reduce downtime. It is also used for Real-time applications and decision making purposes. Devices reduce labour costs, energy consumption, and maintenance expenses. It is used for real-time monitoring and alert systems to enhance safety.

New revenue streams and innovative services are provided by the IoT Devices. Differentiation through innovative use of M2M technology. Real-time tracking and monitoring of assets are handled by the devices. Valuable insights from machine data for business optimization are provided by the machine. It reduces errors and improved accuracy through automation. Mostly it is used for real-time monitoring and rapid response to critical events. These types of machines are used to optimize usage and extended lifespan of asset.


Signature of the Department Coordinator

Mrs. M. JULIET MONOLISA ESTHER
M.Sc(CT), M.Sc(Maths), B.Ed(Maths),
Assistant Professor of Computer Science
Department Co-ordinator,
DBT Star College Scheme
Kongunadu Arts & Science College (Autonomous)
Coimbatore - 641 029, Tamil Nadu, India.


Signature of the Head of the Department
Dr. A. Kavitha, M.C.A., M.Phil., Ph.D.,
Associate Professor & Head,
Department of Computer Science,
Kongunadu Arts and Science College,
Coimbatore - 641029



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