



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)
Guest Lecture
Supported by
DBT STAR COLLEGE SCHEME
REPORT

Name of the Event	Securing the Future :IoT and Big Data in the Cloud Navigating the Realm of Cloud Computing and Security
Date	14-09-2023
Time	10.00 A.M
Resource Person With Designation	Dr.G.Kalpana Associate Professor, Department of Computer Science, Sri Ramakrishna College of Arts and Science for Women, Coimbatore-641004.
Venue of the Programme	Computer Lab -VI
Objectives of the Programme	1.To learn the cloud computing architecture and services. 2.To acquire knowledge about big data and IoT. 3.To get awareness about the Security of Cloud Computing.
Outcome of the Programme	● Students were exposed to the concepts of Cloud Computing architecture, security, services and storage modules. ● Imparted knowledge about big data, IoT and its association with cloud computing . ● The usage of Cloud computing in the field of IoT and Bigdata analysis was clearly explained to the students. ● Created awareness regarding the growing opportunities in the field of cloud computing.
Number of Beneficiaries with	Students:

Class (Both Students and Faculty)	III B.Sc Computer Science (A) – 53 Faculty: 2 Mr.P.Kaliraj Assistant Professor in Computer Science Kongunadu Arts and Science College Coimbatore-29. Dr.S.RadhaRani Assistant Professor in Computer Science Kongunadu Arts and Science College Coimbatore-29. Total Number of Beneficiaries: 55
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Report in detail:

The resource person began the session by providing a strong base on what is cloud computing and its types based on cloud deployment and cloud services. Next she narrated cloud computing architecture and gave a clear outline of the front-end, internet and back-end. The concepts of management, security, services and storage were well explained modules. She also shared information about the growing opportunities in the field of cloud computing.

She imparted knowledge about big data, IoT and its association with cloud computing. Cloud computing has various usage in the field of IoT and Big Data analysis. Combination of cloud computing, big-data and IoT creates a revolution in the field of information technology. She introduced to some open source cloud providers and shared her experience in working with that. After the presentation, the queries session began where she explained all queries clearly.

Cloud computing enabled the students to make use of all of the data created by IoT by allowing the students to interact with our organisation from anywhere.



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Department of Computer Science (Aided)
Under DBT Star College Scheme
Guest Lecture on

**Name of the Event : Securing the Future: IoT and Big Data in the
Cloud-Navigating the Realm of Cloud
Computing and Security**

Date: 14/09/2023

Venue: Computer Lab- VI



