

# Kongunadu Arts and Science College

**(Autonomous)**

Coimbatore, Tamil Nadu.

## DEPARTMENT OF INFORMATION TECHNOLOGY & COMPUTER APPLICATIONS

### Organizes

A Workshop on

**“IoT TOOL – WOKWI”**



**KONGUNADU**  
ARTS AND SCIENCE COLLEGE  
(AUTONOMOUS)

Re-accredited by NAAC with 'A+' Grade - 4<sup>th</sup> Cycle,  
College of Excellence - UGC  
52<sup>nd</sup> Rank among Colleges in NIRF 2024  
Coimbatore - 641 029, Tamil Nadu, India



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DEPARTMENT OF COMPUTER APPLICATIONS  
&  
DEPARTMENT OF INFORMATION TECHNOLOGY  
Jointly Organizes a  
Workshop  
on  
**IOT Tool - WOKWI**  
Resource Person



Dr. R. Senthil Kumar,  
Professor,  
Department of CS with Cognitive Systems,  
Dr. N. G. P. Arts and Science College,  
Coimbatore.

Dr. V. Sangeetha  
Principal, KASC

Dr. K. Dhanalakshmi  
Associate Professor & Head (i/c)  
Department of Information Technology

Dr. C. A. Vasuki  
Secretary & Director, KASC

Dr. K. Sumangala  
Co-Ordinator-Academic Affairs  
Associate Professor & Head  
Department of Computer Applications

**Date: 28.01.2025   Venue: LAB - II   Session: 10 am to 4 pm**







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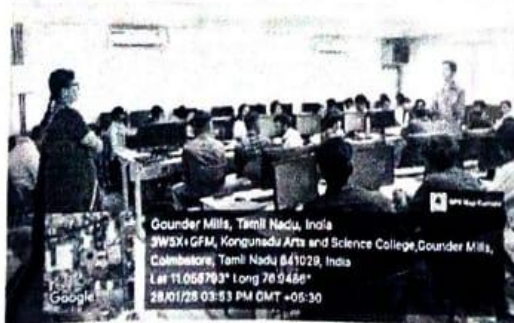
### Department of Computer Applications and

### Department of Information Technology

#### REPORT ON WORKSHOP – IoT TOOLS-WOKWI

The workshop on "IoT Tools - Wokwi," jointly organized by the Department of Computer Applications and the Department of Information Technology at Kongunadu Arts and Science College, Coimbatore, was led by Dr. Senthil Kumar, Assistant Professor, Department of Computer Science with Cognitive Systems at Dr. N.G.P. Arts and Science College, Coimbatore. Attended by 60 students, the session focused on providing hands-on experience in IoT system design and simulation using the Wokwi platform. The program took place on **28th January 2025** from **10:00 AM to 4:00 PM** at **Lab 2**.

#### Gallery



(Dr. Senthil Kumar conducted a workshop on IoT Tools - Wokwi for 60 students at Kongunadu Arts and Science College, covering projects like LED Light, Time Delay, and Thermal Indication.)

The Internet of Things (IoT) connects everyday devices to the internet, enabling them to collect, share, and process data. IoT is increasingly being used in smart homes, healthcare, agriculture, and industrial automation to enhance efficiency, connectivity, and data-driven decision-making. Wokwi is a powerful, browser-based simulator widely used in recent IoT education and development, enabling users to design and prototype IoT systems without the need for physical hardware. It supports various microcontrollers and sensors, allowing real-time simulation for projects like home automation, temperature monitoring, and more



(A Q&A session was held where students asked queries related to IoT system design and simulation, which were answered by the guest speaker.)

Students worked on projects like LED light control, time delay mechanisms, and thermal/heat indication systems, simulating temperature monitoring applications. The workshop covered troubleshooting techniques, practical insights into IoT development, and concluded with an engaging Q&A session, which addressed students' queries, ensuring a well-rounded understanding of IoT concepts and their real-world applications.

K. Bhanelu

Head of the Department



**KONGUNADU ARTS AND SCIENCE COLLEGE (Autonomous)**  
Coimbatore

DEPARTMENT OF INFORMATION TECHNOLOGY

Workshop on "IOT Tools - WOKWI "

Attendance Sheet

Date : 28.01.2025

Academic Year : 2024-2025

S.No	REG NO:	NAME	SIGNATURE
1	221IT034	SANDEEP. S	S. Sandeep
2	221IT035	RAGHAV. S.H	Ragav. S.H
3	221IT039	AKASH KUMAR. B	Akash B
4	221IT003	G.Thandeeswaran	Thandeeswaran.G
5	221IT057	M. KISHOR E	M. Kishor
6	221IT042	K.Aadhi Kesava Pandian	A. Kishor
7	221IT017	DHARSAN. G	G. Dharsan
8	221IT027	MANGAIKKARASI. K	K. Mangai
9	221IT026	SANTHOSH. S	S. Santosh
10	221IT021	K. BHARATHI	K. Bharti
11	221IT020	M. Jagannath	M. Jagannath
12	221IT061	M. KARTHIKEYAN	M. Karthi
13	221IT011	RAHUL RAJ R	R. Raj
14	221IT009	Kalaiyarasan. R	R. Kalai
15	221IT047	Monish M.M	M. Monish
16	221IT055 <sup>5b</sup>	Siva Sankar. P	P. Siva
17	221IT030	SRI AKILA. S	S. Akila
18	221IT031	SHARMILA. C	S. Sharmila
19	221IT038	APOORVA D.V.	D.V. Apoorva
20	221IT036	VIDHYA SHREE. M.B	M.B. Vidhya
21	221IT028	PANDITHAN. R.	R. Pandithan
22	221IT041	KRISHNA PRIYA R	R. Krishna
23	221IT006	NANDHINI. S	S. Nandhini
24	221IT015	KARUNYA. R	R. Karunya
25	221IT023	BRIDHARSHINI. P	P. Brishini
26	221IT008	K. BHARATHI	Bharthi.K
27	221IT027	K. MANGAIKKARASI	K. Mangai
28	221IT010	M. KARTHIKEYAN	M. Karthi
29	221IT032	RAJA SRI. R	R. Rajasri
30	221IT004	SUREN. G	G. Suren

K. Dharmak  
Head of The Department