



TECNIA INSTITUTE OF ADVANCED STUDIES GRADE "A" INSTITUTE

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DATED: 15-02-2024

Note-sheet

Kind Attention: BCA

Subject: - "Technical club is organizing a Workshop on IOT and Its Application"

Under the subject cited above, it is informed that Technical Club is organizing a "Workshop on IOT and Its Application". Departmental heads and Class In-charges are requested to spread among the students for the same.

Details of the session are listed below:

Date & Day : 24th February, 2024
Time : 11:00 PM Onwards
Venue : Auditorium

Ms. Geeta
Nodal Officer - Technical-Club

Dr. Vinay Nasa
15/02/2024

Dean ICT
Dr. Vinay Nasa

CC to:

1. Director, Dean , Event Incharge
2. IT Dept. For uploading on the website.



TECNIA
INSTITUTE OF ADVANCED STUDIES
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**TECHNICAL
CLUB**

is Organizing

Workshop on

IOT

(Internet of Things)

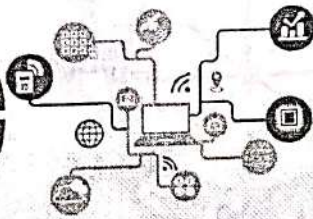
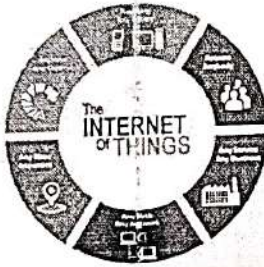


24th February, 2024



10:00 AM onwards

Venue : **TECNIA Auditorium**



Resource Person:

Dr. Vinay Nasa

Nodal Officer:

Ms. Geeta : 9818283801

(Department of IT)

Student Coordinator:

Ritik, Nikhil Patel



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INSTITUTE OF ADVANCED STUDIES

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DELHI INDIA

Report on Internet of Things

Title of Activity*	Workshop on Internet of things
Values	<ul style="list-style-type: none">✓ Connectivity✓ Interoperability✓ Data Privacy✓ Security
Learning Outcomes	<ul style="list-style-type: none">✓ Understanding of IoT Concepts and Principles✓ Familiarity with IoT Architecture and Frameworks✓ Knowledge of IoT Networking and Communication✓ Ability to Design and Deploy IoT Solutions
Organized by	Technical Club under the Department of Information Communication and technology
Program Theme*	Workshop on Internet of Things
External Expert / Internal Expert	Dr. Vinay Nasa

Date*	24-02-2024
Time*	10 am onwards
Venue	Tecnia Auditorium

Poster/Flyer/Notice*



Social media link

https://m.facebook.com/photo.php?photo_id=911606934300287

No. of Students*

149

No. of Faculty*

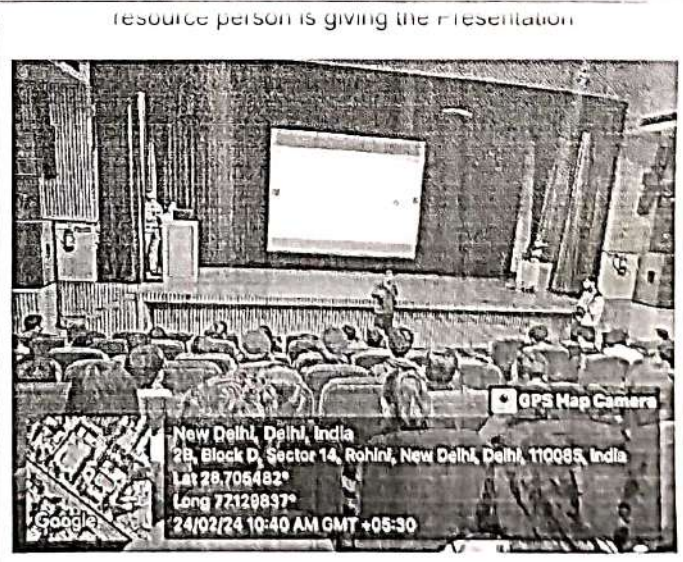
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No. of External Participants

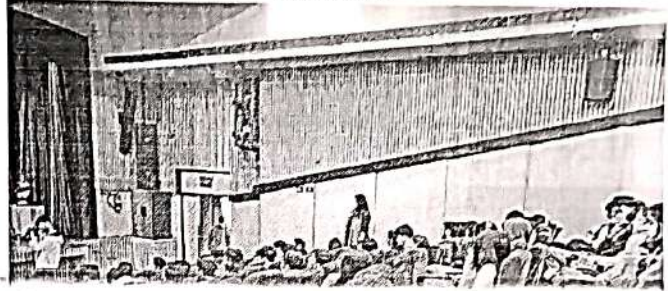
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(Geotag) Photograph*

Photograph of the Event with the Caption



Audience



Department of Information communication and Technology has organized a workshop on “Internet of Things” for BCA students on Date 24/02/2024 in auditorium from 10.00 AM onwards Around 149 students took part in the workshop.

The speaker firstly introduced about the introduction of IOT and then they gave the technical perspective. The Session was started with a lecture on basic concepts discussed in the auditorium with the demonstration.

The Internet of Things (‘IoT’) – all-embracing heterogeneous networks of smart devices hyper-connected with each other via the Internet – is on the rise and will become reality within the next five years. The decisive change accompanying the IoT will be its ubiquity: networked devices are everywhere. Like any technological progress, this development offers social and economic opportunities, but at the same time it also harbors risks and detrimental impact. Notably, the IoT is transforming and disrupting our daily lives faster than any other technology before. The aim of workshop to discuss real life use cases on IoT application and make the session really interactive by providing an opportunity to suggest a solution to real life scenario also has been include to discuss some bonus: IoT demo applications with raspberry Pi board. Day ended with the demonstration of live project such as temperature monitoring.

The main headlights of the workshop are given below:

- ✓ Different types of Arduino board such as Arduino Uno, Arduino Uno R3 SMD,

Report: Description in

	<p>Ardino Pro 3.348 MHz , Arduino mini , Aurdino Ethernet and there characteristics (Power supply, clock speed, Digital I/O Analog Input, PWM modulation and different kinds of interfacing.</p> <ul style="list-style-type: none"> ✓ Wi-Fi module Programming with Arduino. ✓ Interfacing of sensors and uploading data on cloud. ✓ For Interfacing different types of sensors with Arduino and Arduino with data base ,different programming steps have been discussed (function , statement ,control statement levels variables, math, pin mode, serial mode, digital mode variable, delay and for loop) ✓ Interfacing and controlling various devices like LED, motors, sensors etc. with as a hands-on such as LED glow, Switch sensing, Temperature display, small motor controlling. ✓ The ceremony and function came to an end with a group photo session.
<p>Resource Person Profile</p>	<p>Vinay Kumar Nassa is currently working as a Professor in Department of Information, Communication & Technology(ICT) at Tecnia Institute of Advanced Studies (TIAS) -is one of the Premier NAAC accredited "A" Grade Institute, 3 P.S.P Institutional Area Madhuban Chowk Rohini Delhi -110085 India. Prior to this he worked as Professor in Computer Science & Engg Department at K.E. Society's Rajarambapu Institute Of Technology Rajaramnagar, I slampur, Tal. Walwa Dist. Sangli, Maharashtra, India – 415414.An Autonomous Institute Affiliated to Shivaji University, Kolhapur. Accredited with A+ NAAC Grade. Most of the programs are accredited and reaccredited by NBA, AICTE, New Delhi. He has in his credit about 70+ various International Journal(SCI/SCOPUS/UGC CARE),International Conference Proceedings National Level conferences , &Book Chapters. In addition to this he is a member of various professionals bodies like CSI, IEEE,ISTE & IANGE etc. He is in panel of revivers of many National & International Journals. He has 27 years of teaching and 5years of industrial experience. He had experience of establishing of new institutes, NBA & NAAC accreditation and worked as Director/Principal of Various Institutions. His major research areas are AI, Machine Learning, Mobile Adhoc Networks & Deep Learning.</p>
<p>Attendance Sheet*</p>	<p><i>Attached at the end of Report</i></p>
<p>Report Submitted by</p>	<p>Ms. Geeta</p>

For Office Use

Signature of Event Coordinator



Signature of School/Department Head
(With Seal)



HoD
BCA-TIAS

Fields marked with '*' are mandatory

2025-2026

2025-2026

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