

**PROBLEM
SOLVING USING
PYTHON
PROGRAMMING
AND IOT
PARADIGMS**

NANDHA ENGINEERING COLLEGE, ERODE-52 (AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Organizes an Industrial Seminar on
**Problem Solving using Python Programming
and IoT paradigms**

Dated: 27.07.2021 & 28.07.2021

Venue: Online via GoogleMeet

Recently, Internet of Things (IoT) plays a dynamic role in smart city applications for making every object or thing or resource to be smart by connecting to the internet. In such an environment, there is a huge gulf between the users and IoT applications from a programming perspective. To address this problem, adaptive programming and cloud technologies has been proposed for IoT applications by making use of an exploratory case study approaches.

Extensive simulation has been conducted using ThingSpeak, Ubidots- the IoT cloud platforms, Raspberry Pi 3 Model B, IoT Aws (Amazon web services), Arduino and ESP8266 on various case studies and these studies give rise to optimum results compared to state-of-the-art schemes. Finally, the proposed chapter may fill the gap between the IoT developers, research scholars, and users from IoT platforms, especially in programming and experimental point of view.

The Internet of Things (IoT) mainly acts as a communication medium between things and the Internet. There are some estimates that there will be 50 billion connected devices to the Internet by 2020. The Internet of Things based use cases, case studies and examples are applied on the sectors of healthcare, industry 4.0, logistics 4.0, smart city, smart energy, smart grid, smart building, smart transport management, smart retail and more. These all are fully operational, customer manageable, business supportable and scalable. Hence there is a gap between the IoT applications side from researchers' side. In this chapter, we totally focused on various supporting programming technologies for IoT applications in an exploratory case study way. In total, six case studies have been studied for to fill the gap between the researchers side to IoT platforms side.




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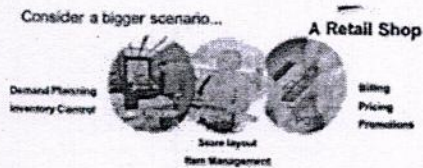
Problem Solving and Programming

20:36 / 3:46:18



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Case study - Discussion



Have you ever observed this scenario?
Yes!!! What are the problems in the scenario?

42:56 / 3:46:18



Mr. Dhanasekaran
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ybr-wvxd-vhp (2021-07-26 at 21:12 GMT-7)

Skills Required for a Software Engineer

Technical Skills

- Software Design
- Coding
- Testing

Problem Solving Skills

- logical and analytical thinking

Soft Skills

- Communication
- Team Work

33:41 / 3:46:18

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Problem

- Little Bob loves chocolate, and he goes to a store with Rs. N in his pocket. The price of each chocolate is Rs. C . The store offers a discount: for every M wrappers he gives to the store, he gets one chocolate for free. This offer is available only once. How many chocolates does Bob get to eat?

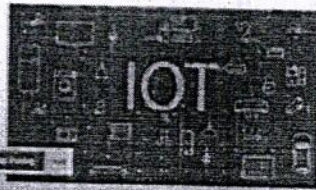
1:45:31 / 3:46:18




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INTRODUCTION TO IoT

Dr.Kanimozhi.G
Associate Professor,
VIT Chennai.



6:35 / 2:19:48



Outline

- Introduction to IoT
- IoT services
- IoT architecture
- IoT-Use Cases
- IoT physical devices and End points
- Basic building blocks of an IoT Device
- Exemplary Device: Raspberry Pi
- Raspberry Pi interfaces
- Programming Raspberry Pi with Python
- Other IoT devices

6:44 / 2:19:48



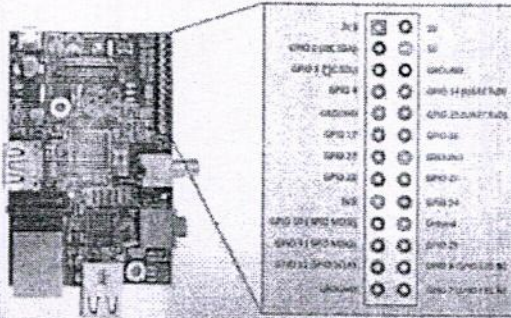
IoT Services



10:37 / 2:19:48



Raspberry Pi GPIO



52:44 / 2:19:48



IoT Levels & Deployment Templates

Dr. Kanchana Devi V
Associate Professor- Grade I
School of Computing Science and Engineering
VIT Chennai



Dr. Kanchana Devi V 2021

Contact

www.linkedin.com/in/Kanchana-devi-2b624165 (LinkedIn)

Top Skills

Teaching

(Programming Language)

Java

Kanchana Devi

Associate Professor at Vellore Institute Of Technology
India

Experience

Vellore Institute Of Technology
Associate Professor
June 2012 - Present (9 years 7 months)
Chennai Area, India

Profession: Teaching having 10+years of experience - Parallel and Distributed Computing, Computer Networks, Distributed Computing, Information and Network Security, Software Project Management....

Education

Sri Sairam Engineering College
M. E, ECE(Computer and Communication) · (2007 - 2009)

Mount Zion College of Engineering and Technology
B. E, Computer Science and Engineering · (2002 - 2006)

Schwartz Matriculation Higher Secondary School
Computer Engineering · (1990 - 2002)



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Contact

www.linkedin.com/in/kavya-alluru-16aa8b125 (LinkedIn)

Kavya Alluru

Teacher at Vellore Institute Of Technology
Chennai

Experience

Vellore Institute Of Technology
Teacher




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Karmel a

Associate Professor at VIT University (Chennai Campus)
Chennai

Experience

VIT University (Chennai Campus)
Associate Professor




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NANDHA ENGINEERING COLLEGE, ERODE-638 052
Problem Solving using Python Programming and IOT Paradigms
ATTENDED COUNT

S.No.	REGISTER No.	NAME OF STUDENT
1	20CS001	AGATHIYAN P
2	20CS002	AJAY C
3	20CS003	AKSHAYA V
4	20CS004	ARAVIND R
5	20CS005	ARJUN K S
6	20CS006	ARUNRAJA R
7	20CS007	ASHOK KUMAR D
8	20CS008	BAAZILKUMAR R
9	20CS009	BALAKUMARAN M
10	20CS010	BHARATHKUMAR S
11	20CS012	BOOPATHI P
12	20CS013	DEEPADHARANI M
13	20CS014	DEEPAK S
14	20CS015	DEEPIKA K
15	20CS016	DEETCHANYA S
16	20CS019	DHASHINESH L
17	20CS020	DINESH S
18	20CS021	GAYATHRI V
19	20CS022	GIFTSON K
20	20CS023	GOBINATH K S
21	20CS024	GOKUL A
22	20CS025	GOKULKUMAR K P
23	20CS026	GOMATHI M
24	20CS027	GOWSIHAN R
25	20CS028	GUGAPRIYAA S
26	20CS029	HARIKRISHNAN A
27	20CS030	HARISH J (30/09/2002)
28	20CS031	HARISH J (12/04/2003)
29	20CS036	JAYASURYA S
30	20CS037	KANNAN S
31	20CS038	KARTHIKEYAN G
32	20CS039	KARTHIKEYAN V
33	20CS040	KARVETI AJAY KUMAR
34	20CS041	KAVIYA R

35	20CS042	LOBANA RETHINA PUSHPA S
36	20CS043	LOGESH S
37	20CS044	LOGESHRAJ S R
38	20CS045	MAHAVISHNU K K
39	20CS046	MAITHESH S K
40	20CS051	MOUNICA M
41	20CS052	NANDHINI M
42	20CS053	NANJIN MOORTHY J
43	20CS054	NAVEEN A
44	20CS055	NAVEEN V
45	20CS056	NAVEENKUMAR V
46	20CS057	PRANESH S
47	20CS058	PRANITH R
48	20CS059	PRASANTH G
49	20CS060	PRAVEEN B
50	20CS061	PRAVEENKUMAR K
51	20CS062	PREETHIKA P
52	20CS063	PREETHISHRI D
53	20CS064	PREMNATH E S
54	20CS065	RABISWARAN S
55	20CS066	RAGUL K
56	20CS067	RAGUL V
57	20CS068	RAHUL R
58	20CS069	RAHUL S
59	20CS070	RAJKUMAR A
60	20CS071	RAJKUMAR J
61	20CS072	RAMESH K
62	20CS073	RAMNATH K
63	20CS074	RANJITH N
64	20CS075	RESHMAA K M
65	20CS076	RITHIKA R
66	20CS077	ROHITH M
67	20CS078	RUBANSANTHOSH G B
68	20CS079	RUDHISH S
69	20CS080	SADARANGAPATNAM PURNA SAI
70	20CS081	SAM DANIEL S
71	20CS082	SANGAMITHRA P
72	20CS083	SANJAI KUMAR S
73	20CS084	SANJAYKUMAR K

74	20CS085	SANTHOSH D
75	20CS086	SANTHOSH K
76	20CS087	SANTHOSH M
77	20CS088	SANTHOSH N
78	20CS089	SARAN KUMAR K
79	20CS090	SARAVANAPERUMAL P
80	20CS091	SASHVANTH M
81	20CS092	SATHYA G
82	20CS095	SHARANBHARATHI R
83	20CS096	SHIYAM KAVI V
84	20CS097	SIVARANJANI I
85	20CS098	SNEHAN D J
86	20CS099	SOWDHARSHINI P
87	20CS103	SRIMATHI C N
88	20CS104	SRINESH M
89	20CS105	SUGUMAR K
90	20CS106	SUJITH J
91	20CS110	SWETHA R
92	20CS111	THAMSEEL AHAMED S
93	20CS115	USHARANI S
94	20CS116	VANISHREE B
95	20CS117	VENKATESH S
96	20CS119	VIJAYANAND V
97	20CS120	VIJITHA N

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STAFF INCHARGE




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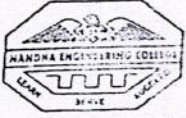
NANDHA ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
STAFF NAMELIST

1	Dr.Thirumoorthy P	CSE	ASP
2	Dr.Karuppusamy.S	CSE	ASP
3	Dr.Mahalingam S K	CSE	ASP
4	Dr.Karthikeswaran D	CSE	ASP
5	Mr.Gunasekar K	CSE	ASP
6	Ms.Parvathi.M	CSE	ASP
7	Mr.Mani.C	CSE	ASP
8	Ms.Padma.E	CSE	ASP
9	Ms.Maheswari.S	CSE	ASP
10	Mr.Balasubramaniam C	CSE	ASP
11	Dr.Prabhu S	CSE	ASP
12	Ms.Kavitha S	CSE	AP
13	Ms.Vanitha P	CSE	AP
14	Ms.Uma P	CSE	AP
15	Ms.Sandhiya P	CSE	AP
16	Ms.Shanmugapriya.K	CSE	AP
17	Ms.Deepa B	CSE	AP
18	Ms.Navamani.C	CSE	AP
19	Mr.Jagadeesan.S	CSE	AP
20	Ms.Hemalatha S	CSE	AP
21	Mr. Yuvaraj V	CSE	AP
22	Ms.Ramya P	CSE	AP
23	Ms.Deepika M	CSE	AP
24	Ms.Indumathi N M	CSE	AP
25	Ms.Abhila Anju O	CSE	AP
26	Ms.Vinoparkavi D	CSE	AP




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**ONE DAY HANDS-
ON TRAINING ON
"CLOUD
COMPUTING
AND ITS
APPLICATIONS IN
AWS"**



N

NANDHA ENGINEERING COLLEGE
(Autonomous)
Department of Computer science and Engineering
OPEN SOURCE CLUB

CIRCULAR

DATE: 27.11.2021

Open source club of our department is organizing a One Day Hands-on Training on "Cloud Computing and its Applications in AWS" on 29th of November 2021. We cordially invite IIIrd year CSE students to participate in this event.

Timing: 9.00 A.M - 4.30 P.M

Faculty Coordinator: Dr. S.Prabhu & Dr.S.Karuppusamy

Venue: CC5 Laboratory

Topics:

- ✓ Elastic Cloud Computing
- ✓ Route53
- ✓ Elastic Load Balancing

Resource Person:


Mr.G.Aravind Raj [Mobile No: 9750049235]

Technical Trainer

Nminds Academy

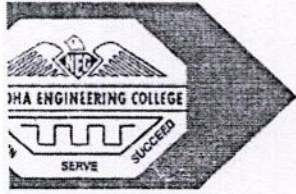
Erode - 638011

Mail ID:garuvir@gmail.com


Mr.K.GUNASEKAR
HEAD / CSE




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Department Of Computer Science And Engineering

OPEN SOURCE CLUB

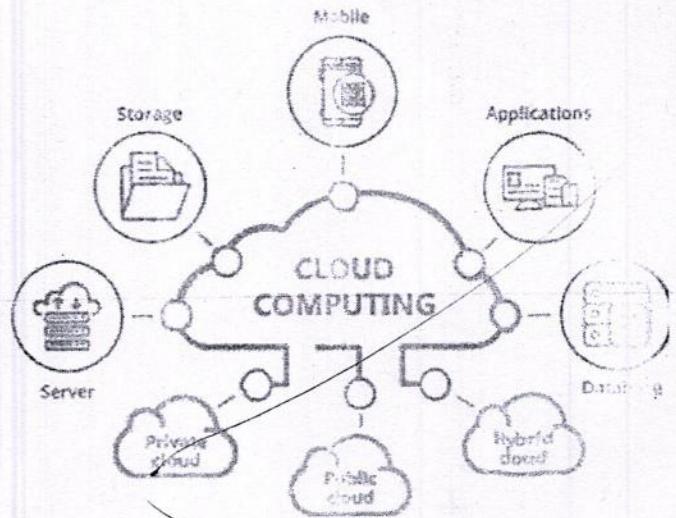
Invite You For One Day Hands-on Training

Cloud Computing And Its Application In AWS

**on 29th Nov 2021 (Monday) At
9.00 A.M - 4.30 P.M**

**Resource
Person Alumini**

**Aravind Raj G
Technical Trainer
Minds Academy, Erode**



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Erode - 638 052.**

ATORN.

R. N. RENGARAJAN - PRINCIPAL

ONVENOR:

R. K. GUNASEKAR - HEAD/CSE

COORDINATORS:

DR. S. PRABHU - AP/CSE

DR. S. KARUPPUSAMY - AP/CSE

NANDHA ENGINEERING COLLEGE
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 Department of Computer science and Engineering
OPEN SOURCE CLUB

One Day Hands-on Training on "Cloud Computing and its Applications in AWS" on 29th of November 2021

Date	Student Name	How was this Workshop?	How would you rate the hands-on activities?	How would you rate the presenter's knowledge in this subject?	Whether the session timing is sufficient?	Would you like to attend any other workshop/seminar conducted by Nminds Academy in the future?	Any other comments?
11/29/2021 16:10	NANDHA KUMAR.P	Excellent	Very Good	Moderate	No	Yes Willing to attend	
11/29/2021 16:10	GEORGE WILSON G	Excellent	Very Good	Excellent	Yes	Yes Willing to attend	
11/29/2021 16:11	Kowsalya Muthusamy	Very Good	Very Good	Very Good	Yes	Yes Willing to attend	Good
11/29/2021 16:11	ISHWARYA.N	Very Good	Very Good	Very Good	Yes	Yes Willing to attend	No issues
11/29/2021 16:11	Vijayaraja D	Excellent	Excellent	Excellent	Yes	Not Willing	
11/29/2021 16:11	VIJAY PRABU S	Excellent	Very Good	Excellent	No	Yes Willing to attend	
11/29/2021 16:11	SOMNATH GORAI P	Very Good	Moderate	Good	Yes	Not Willing	Prepared very well
11/29/2021 16:11	BHAVADHARANI R A	Very Good	Very Good	Very Good	Yes	Yes Willing to attend	Nice
11/29/2021 16:11	ASWIN S	Excellent	Excellent	Excellent	Yes	Yes Willing to attend	
11/29/2021 16:11	SANJAI KUMAR.N	Excellent	Excellent	Very Good	Yes	Yes Willing to attend	The session was very comfortable to learn the cloud computing and very interested and excited.
11/29/2021 16:11	SAKTHIVEL S	Excellent	Excellent	Very Good	No	Yes Willing to attend	
11/29/2021 16:11	PRADEEP.M	Excellent	Excellent	Excellent	No	Yes Willing to attend	SUPER
11/29/2021 16:11	DELIPAN.GM	Excellent	Very Good	Excellent	Yes	Yes Willing to attend	It's very usefull sir
11/29/2021 16:11	ASHADEVI K.S	Excellent	Excellent	Excellent	Yes	Yes Willing to attend	
11/29/2021 16:11	ASHWIN SR	Excellent	Excellent	Excellent	Yes	Yes Willing to attend	
11/29/2021 16:11	HEYMANTHKUMAR	Excellent	Very Good	Very Good	No	Yes Willing to attend	Nice seminar
11/29/2021 16:11	sneka.k	Very Good	Very Good	Very Good	Yes	Not Willing	
11/29/2021 16:11	DHIVYABRABHA M	Excellent	Excellent	Excellent	Yes	Yes Willing to attend	Nothing
11/29/2021 16:11	NISHANTH C	Moderate	Moderate	Moderate	Yes	Yes Willing to attend	NIL
11/29/2021 16:11	DHYAN APARNA M	Excellent	Excellent	Excellent	Yes	Yes Willing to attend	Super sir
11/29/2021 16:11	KAMESH.P	Excellent	Excellent	Excellent	Yes	Yes Willing to attend	Nil

Date	Name	Quality	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
11/29/2021 16:13	FAVITHRA	Good	Very Good	Very Good	No	Yes Willing to attend		
11/29/2021 16:13	SIVADHARANI R	Excellent	Excellent	Excellent	No	Yes Willing to attend		
11/29/2021 16:13	NITHIN. A	Good	Good	Good	Yes	Yes Willing to attend	No	
11/29/2021 16:13	SANDHIYA. G	Excellent	Very Good	Very Good	No	Yes Willing to attend	This session is very useful to us	
11/29/2021 16:13	MOHAMED FAREETH.F	Excellent	Very Good	Very Good	No	Yes Willing to attend	Best workshop	
11/29/2021 16:13	TAMILARASAN.M	Moderate	Moderate	Moderate	Yes	Not Willing	Good	
11/29/2021 16:13	M. SIVAPRAKASH	Very Good	Very Good	Good	No	Yes Willing to attend	Nice workshop	
11/29/2021 16:13	KAVYASHRI V	Excellent	Excellent	Excellent	No	Yes Willing to attend	Visit our college again and teach more topics sir.	
11/29/2021 16:13	K.ANBARASU	Excellent	Excellent	Excellent	Yes	Yes Willing to attend	Good sir	
11/29/2021 16:13	GURUPRASANTH.L	Very Good	Excellent	Very Good	No	Yes Willing to attend	Good	
11/29/2021 16:14	THIYAGU G	Excellent	Excellent	Excellent	No	Yes Willing to attend	I like this class. it's very useful to as...	
11/29/2021 16:14	BHUVANESHWARI J	Excellent	Excellent	Excellent	No	Yes Willing to attend	Visit our college again. And teach more topics sir. The class you took today was very useful to us. And we learned more about cloud computing. To be Frank now only we came to know about cloud computing. Thanks for this wonderful session sir.	
11/29/2021 16:14	CHENNIYANGIRI.S	Very Good	Good	Very Good	No	Yes Willing to attend	Great effort by you sir hard effort to teach and to be funny we learned a bit through this session	
11/29/2021 16:14	Lavanya S	Excellent	Very Good	Very Good	Yes	Yes Willing to attend	Very useful Session.Thank you	
11/29/2021 16:14	KALAIYARASI B	Excellent	Excellent	Excellent	Yes	Yes Willing to attend	No	
11/29/2021 16:14	KARTHIKEYAN G	Good	Good	Good	No	Yes Willing to attend	NIL	
11/29/2021 16:14	VITHYASAGAR.S	Good	Good	Good	Yes	Yes Willing to attend	Best teaching	
11/29/2021 16:15	TAMILARASAN.M	Moderate	Moderate	Moderate	Yes	Not Willing		
11/29/2021 16:15	VAISHNAVI.K	Very Good	Good	Excellent	No	Yes Willing to attend		
11/29/2021 16:16	SANDHIYA. G	Excellent	Very Good	Very Good	No	Yes Willing to attend	This session is very useful	
11/29/2021 16:16	CHENNIYANGIRI. S	Very Good	Good	Very Good	No	Yes Willing to attend	Great effort sir full of hardworking by you to teach and to be funny and thanks for practical thoughts we learned bit through it	
11/29/2021 16:18	DINESHKUMAR K	Excellent	Excellent	Excellent	Yes	Yes Willing to attend	Good	
11/29/2021 16:19	SANDHIYA. G	Excellent	Very Good	Very Good	No	Yes Willing to attend		
11/29/2021 16:19	CHENNIYANGIRI.S	Very Good	Good	Very Good	No	Yes Willing to attend	Hard work effort by you sir we learned a bit through it	
11/29/2021 16:22	SHEELA.S	Excellent	Excellent	Excellent	Yes	Yes Willing to attend		

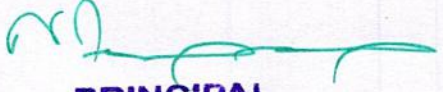



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6	Ms.Parvathi.M	CSE	ASP
7	Mr.Mani.C	CSE	ASP
8	Ms.Padma.E	CSE	ASP
9	Ms.Maheswari.S	CSE	ASP
10	Mr.Balasubramaniam C	CSE	ASP
11	Dr.Prabhu S	CSE	ASP
12	Ms.Kavitha S	CSE	AP
13	Ms.Vanitha P	CSE	AP
14	Ms.Uma P	CSE	AP
15	Ms.Sandhiya P	CSE	AP
16	Ms.Shanmugapriya.K	CSE	AP
17	Ms.Deepa B	CSE	AP
18	Ms.Navamani.C	CSE	AP
19	Mr.Jagadeesan.S	CSE	AP
20	Ms.Hemalatha S	CSE	AP
21	Mr.Yuvaraj V	CSE	AP
22	Ms.Ramya P	CSE	AP
23	Ms.Deepika M	CSE	AP
24	Ms.Indumathi N M	CSE	AP
25	Ms.Abhila Anju O	CSE	AP
26	Ms.Vinoparkavi D	CSE	AP




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Nandha Engineering College
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Erode - 638 052.

ARAVINDRAJ.G
19, Indira Nagar,
Narayana valasu,
Erode – 638011.

Mobile No: +91-9750049235
Email: garuvir@gmail.com

OBJECTIVE

To seek a proper position and contribute my skills with good-problem solving ability and good inter personal-skills in network solutions for high-end global major in IT.

JOB PROFILE

I have 3+ years of experience as Network and Desktop support Engineer and 2 years of experience as Technical Trainer, which includes knowledge of Networking and Server Operating Systems, Installation and Administration of Network and network oriented troubleshooting.

SKILLS SET

Certification	: CCNA,MCSE, RHCE and AWS (Completed Courses)
Data Plane	: IPv4,IPv6, L2 Switching, NAT
Layer 3/4	: RIP, EIGRP,OSPF, BGP, VPN, DNS, DHCP
Layer 2	: Ethernet, HDLC, PPP, STP, RSTP, ARP
Windows Server	: Active Directory,DNS,DHCP,IIS,FTP,GPO
Linux Server	: Managing Linux Files and users, Linux Networking

PROFESSIONAL CERTIFICATION

Red Hat Certified System Administrator (RHCSA)

NSDC Certified Trainer in **Field Technician and Computer Peripherals**

ROLES AND RESPONSIBILITIES HANDLED

- Planning, Designing and implementing LAN.
- Configuring and Administrating Modem, Routers and Wireless devices.
- Installation of IP & Analog Surveillance Products and RF.
- Installation, Configuration and Administration of CISCO Routers and Switches.
- Troubleshooting of complex LAN/WAN infrastructure, Including routing protocol Maintaining Server and Network related troubleshooting.
- Installation, Configuration and Administration of Windows Server 2012, Active Directory, DNS,FTP,IIS,DHCP,GPO,File server,Multi domain functions.
- Maintain all network and Sever documentation for hardware and licensing.

PROFESSIONAL EXPERIENCE

FreeLancer-Technical Trainer & Network Engineer

Duration: January 2020 to Till

- Create and maintain our technical training environment.
- Work with managers to determine employee training needs and develop effective training programs.
- Train Technical course to students (N+, CCNA, MCSE, REDHAT, CLOUD...)
- Designed and developed technical training programs and syllabus.
- Maintain company Network and System Administrator.

Technical Trainer

ROOMAN TECHNOLOGIES, Chennai

Duration: December 2018 to January 2020

- Create and maintain our technical training environment.
- Train Technical course to students (A+, N+, CCNA, MCSE...)
- Prepared training syllabus and instructional contents.
- Maintain company Network and System Administrator.

Network Engineer

DESVO TECH SOLUTIONS, Erode

Duration: January 2015 to November 2018

- Implemented LAN/WAN technologies.
- Installation and configuration of router, modem, workstations, printers.
- Installation and configuration of Windows server 2008/2012.
- Installation and configuration of CCTV surveillance.
- Installation and configuration of wireless devices(AP,RF)

Network Engineer

ZIGMA COMPUTER LINKS, Erode

Duration: November 2013 to December 2014

- Implemented LAN/WAN technologies on various companies.
- Design and Implemented LAN connections.
- Installation and configuration of CCTV.
- Installing and updating system related software and applications.
- Maintain company Network and System Administrator.

EDUCATIONAL QUALIFICATION

Course	Institution	Year Of passing	Aggregate
B.E (CSE)	Nandha Engineering College- Erode.	2013	7.7/10 (CGPA)
DCSE	Konghu Velalar Polytechnic College-Erode.	2010	81%
H.S.C	Sengunthar Higher Secondary School-Erode.	2008	70%
S.S.L.C	Sengunthar Higher Secondary School-Erode.	2006	81%

SUMMARY

- Capable of picking up new technologies with a minimum learning curve.
- Involved in getting requirements gathering, interaction with client, change requests, and production support.
- Key skills include resolving issues proactively and problem solving.
- Ability to manage projects, possess good interpersonal and analytical skills and a strong team player.

PERSONAL DETAILS

Name : G.ARAVINDRAJ
Date of birth : 11.02.1990
Sex : Male
Father's name : Mr.K.GUNASEKARAN
Nationality : Indian
Languages known : Tamil & English

DECLARATION

I do here by declare that the particulars of information & facts stated above are true and correct and complete to the best of my knowledge and belief.

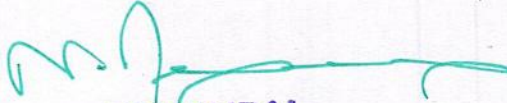
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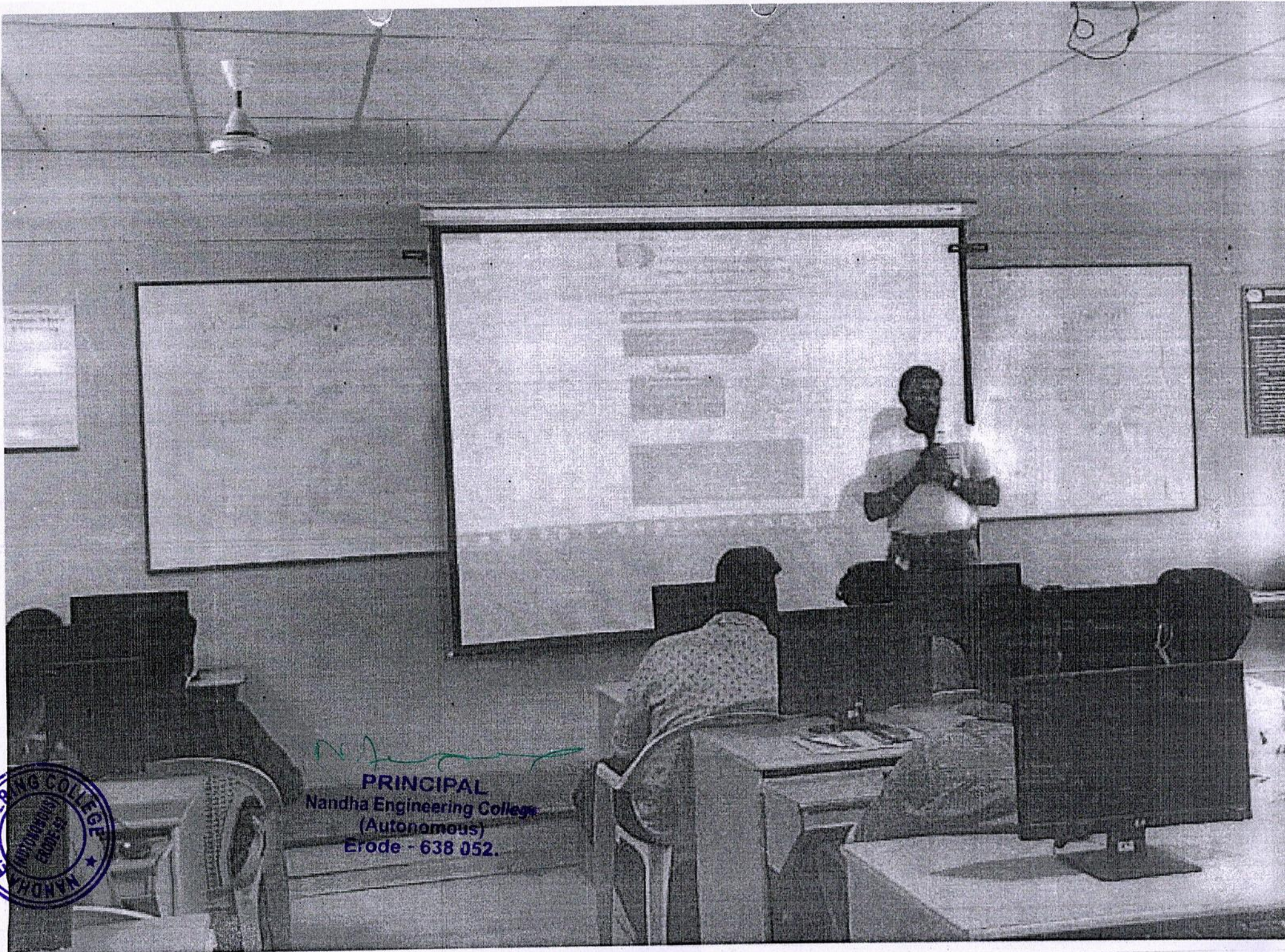
Yours Faithfully

Date:

(G.ARAVINDRAJ)



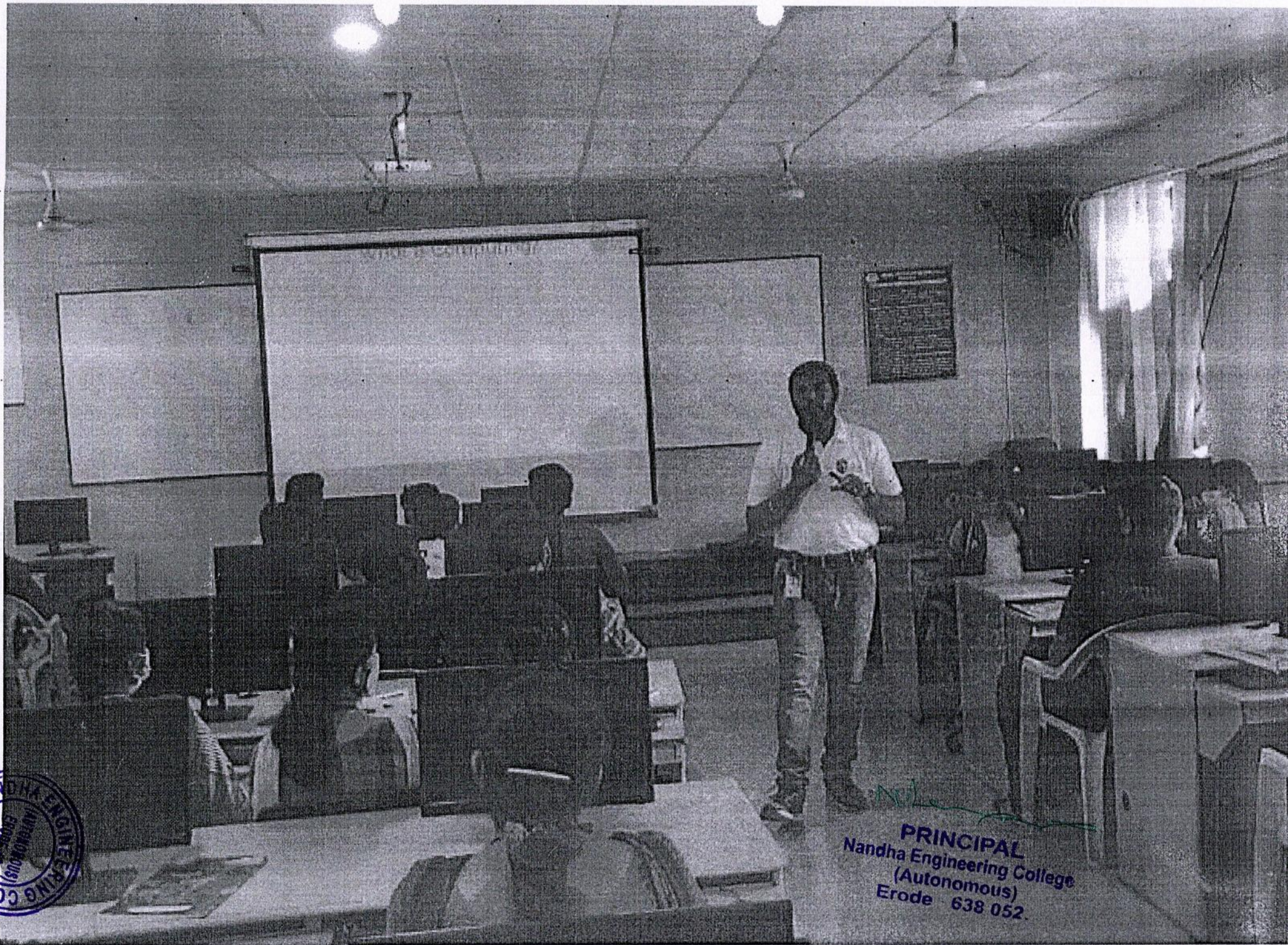

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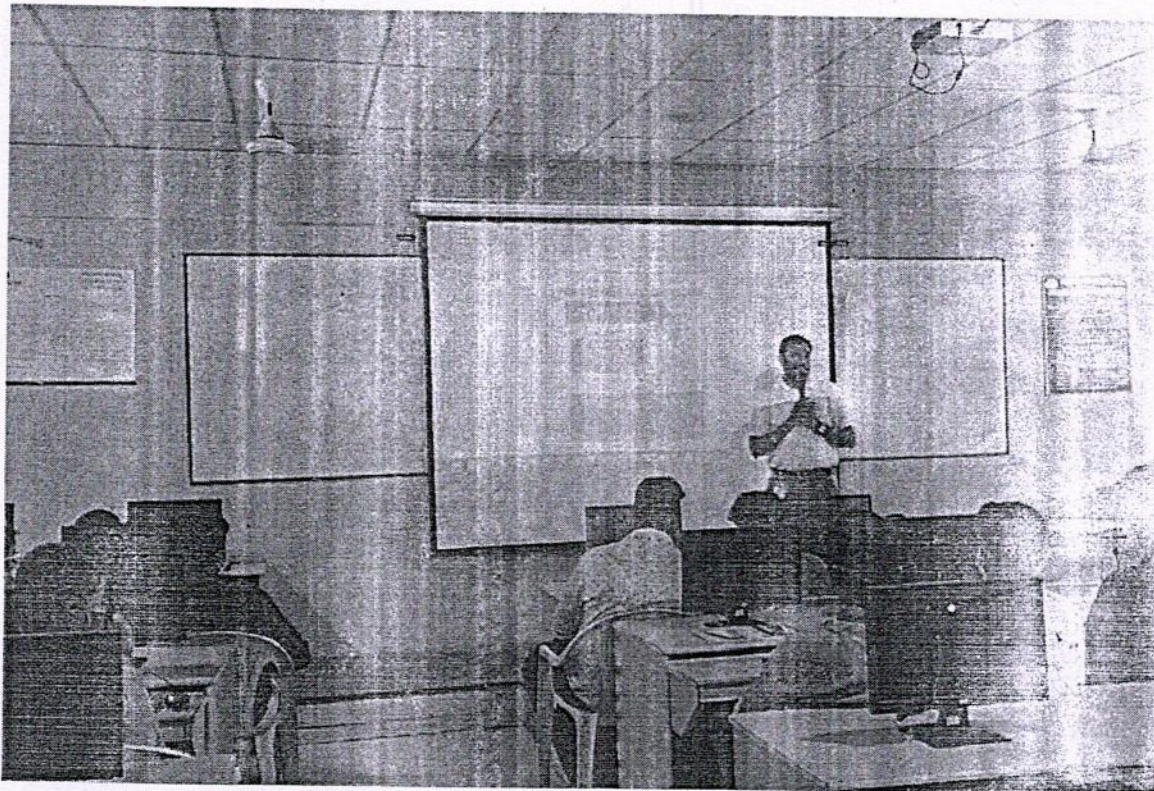
N. J.


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M. S. Srinivasan
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**A TECHNICAL
SEMINAR ON
"SCIENTIFIC
APPROACH IN
PYTHON
PROGRAMMING**



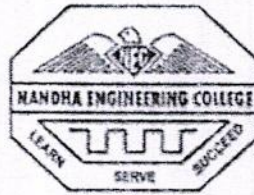
(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1938)

Erode Local Centre,
Texvalley Campus, Gangapuram, Erode-638102, Tamilnadu
www.ieierode.org, ieierode2015@gmail.com

in association with CSE and IT

NANDHA ENGINEERING COLLEGE

IE(I) Students chapter - CSE Division



Organizes

a Technical Seminar

on

" SCIENTIFIC APPROACH IN PYTHON PROGRAMMING "

Resource Person

Prof. Nandhini S S

HOD/ISE, BIT

Date: 10/12/2021

Time: 10.30 am - 12.00 pm

Venue: Conference Hall



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ALL ARE CORDIALLY INVITED

Dr. N. Rengarajan.,
Principal / NEC
Patron

Dr. J. Senthil.,
Director/NEC
Co-Patron

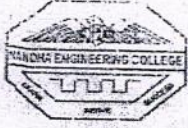
Prof. K. Gunasekar., (CSE)
Dr. C. Siva., (IT)
HOD's
Convenors

Dr. Thirunavukarasu.,
ASE
Co-Convenors

Dr. Karuppusamy S., (CSE)
Dr. Prabhu S., (CSE)
Prof. Anand R., (IT)

Dr. Kumaravelan FIE.,
Secretary - IEI Erode LC

Dr. R.Nallusamy,
Chairman - IEI Erode LC



NANDHA ENGINEERING COLLEGE, ERODE-52
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



A TECHNICAL SEMINAR ON
SCIENTIFIC APPROACH IN PYTHON PROGRAMMING

Agenda

Venue :NEC Conference Hall

Time: 10:30AM

Date:10.12.2021

Prayer Song

Welcome address : Mr P.SANJAY, Final IT

Principal Address : Dr. N. Rengarajan.,
Principal, Nandha Engineering College

Covenors Address : Prof.K.Gunasekar (CSE).,
Dr. C. Siva (IT).,
HOD's, Nandha Engineering College

Chief Guest Introduction : MS.R.Ranjitha.,
Third Year CSE.

Momento

Chief Guest Address : Prof. S.S. Nandhini.,
HOD/ISE, BIT, Erode.

Vote of Thanks :Mr S.Hari Haran,Third Year, CSE




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(AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AND
INFORMATION TECHNOLOGY

ATTENDED STAFF NAMELIST

A Technical Seminar on "Scientific Approach in Python Programming

S.No.	DEPARTMENT	NAME OF STAFF
1	CSE	Dr. Prabhadevi S
2	CSE	Dr. Karthikeswaran D
3	CSE	Mr. Balasubramaniam C
4	CSE	Dr. Prabhu S
5	CSE	Ms. Uma P
6	CSE	Ms. Vanitha P
7	IT	Dr.A.Manchula
8	IT	Dr.Vellingiri raj
9	IT	Mrs.J.Sakunthala
10	IT	Ms.C.Vasuki
11	IT	Mrs.Suguna Angamuthu
12	IT	Mrs.D.Kiruthika


INCHARGE




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NANDHA ENGINEERING COLLEGE, ERODE - 52
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
III YEAR

S.No.	REGISTER No.	NAME OF STUDENT
1	19CS001	AKSHAYAPRIYA B S
2	19CS002	ANBARASU K
3	19CS003	ANDROGOWSIKA J
4	19CS004	ASHWIN S R
5	19CS005	ASWIN S
6	19CS007	BALAMURUGAN P
7	19CS008	BHARATHRAJ P
8	19CS009	BHASKAR M
9	19CS010	BHAVADHARANI R A
10	19CS011	BHUVANESHWARI J
11	19CS012	BHUVANESWARAN K
12	19CS013	CHATHRIYA K
13	19CS014	CHENNIYANGIRI S
14	19CS015	DARSHAN G
15	19CS017	DHAKSHIN PRASATH D
16	19CS018	DHANAPRIYA R
17	19CS019	DHARANIDHARAN A C
18	19CS020	DHARSHINI K
19	19CS021	DHIVYABRABHA M
20	19CS022	DHYAN APARNA M
21	19CS023	DINESHBABU K
22	19CS024	DINESHKUMAR K
23	19CS025	DIVYA SRI L
24	19CS026	FARHANA J
25	19CS027	GEORGE WILSON G
26	19CS028	GNANA PRAVEENA R
27	19CS029	GOKUL KRISHNAN P
28	19CS030	GOKUL R
29	19CS031	GOKULADHARSHINI R
30	19CS032	GOWTHAM M
31	19CS033	GOWTHAM V
32	19CS034	GOWTHAMAN R
33	19CS035	GURUPRASANATH L
34	19CS036	HARI HARAN S
35	19CS038	HARSH SAXENA
36	19CS040	HEYMANTHKUMAR A
37	19CS041	ISHWARYA N
38	19CS042	JAGADEEP E
39	19CS043	JAYASIMMAN P
40	19CS044	JAYASRI R
41	19CS045	KALAIYARASI B
42	19CS046	KAMESH P
43	19CS047	KANISHA C
44	19CS049	KARTHIKEYAN G
45	19CS050	KAVIKEERTHANA P

S.No.	REGISTER No.	NAME OF STUDENT
95	19CS100	SIVADHARANIR
96	19CS101	SIVAPRAKASH M
97	19CS102	SNEKA K
98	19CS103	SOMNATH GORAI P
99	19CS104	SOWMISANKARI M
100	19CS105	SRIJAYAKANTH K
101	19CS106	SRIMATHI P
102	19CS108	TAMILARASAN M
103	19CS109	VAISHNAVI K
104	19CS110	VASUKI M
105	19CS111	VEERENDRAN M
106	19CS112	VIGNESH KUMAR M
107	19CS113	VIGNESH T P
108	19CS114	VIJAY PRABU S
109	19CS115	VIJAYARAJA D
110	19CS116	VIMAL M P
111	19CS117	VISHNU R
112	19CS118	VITHYASAGAR S
113	19CSL01	ASHA DEVI K S
114	19CSL02	DELIPAN G M
115	19CSL03	HARIHARAN R
116	19CSL04	HARIHARAN S
117	19CSL05	KAVIN U
118	19CSL06	KOUSHICK KUMAR K
119	19CSL07	KOWSIK K
120	19CSL08	MANOJ N
121	19CSL09	RAMYASKI A
122	19CSL10	SAKTHIVEL S
123	19CSL11	SAMUEL A
124	19CSL12	SANDHANA K
125	19CSL13	SANJAY S
126	19CSL14	THIYAGU G
127	19CSL15	LAKSHMISRI A
128	19CSL17	SARANYASIVASHANGARI M
129	19CSL18	SATHISH KUMAR M




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REPORT OF NON SPONSORED ACTIVITIES

Organized by	Department of CSE & IT, Nandha Engineering College(Autonomous), Erode - 638052
In Association with	IE(I)-Erode Local Centre, TexvalleyCampus, Gangapuram, Erode-638 102

Title of Activity:		A Technical Seminar on Scientific Approach in Python Programming	
Date	10.12.2021	Venue:	Computer Centre V Laboratory

PHOTO / SCREEN SHOTS OF THE EVENT:



N.A.
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NANDIA ENGINEERING COLLEGE
(Autonomous)
ESTD-95

M.P.
PRINCIPAL
Nandiah Engineering College
(Autonomous)
Ph. No. - 638 052.

10.12.2021 10:51



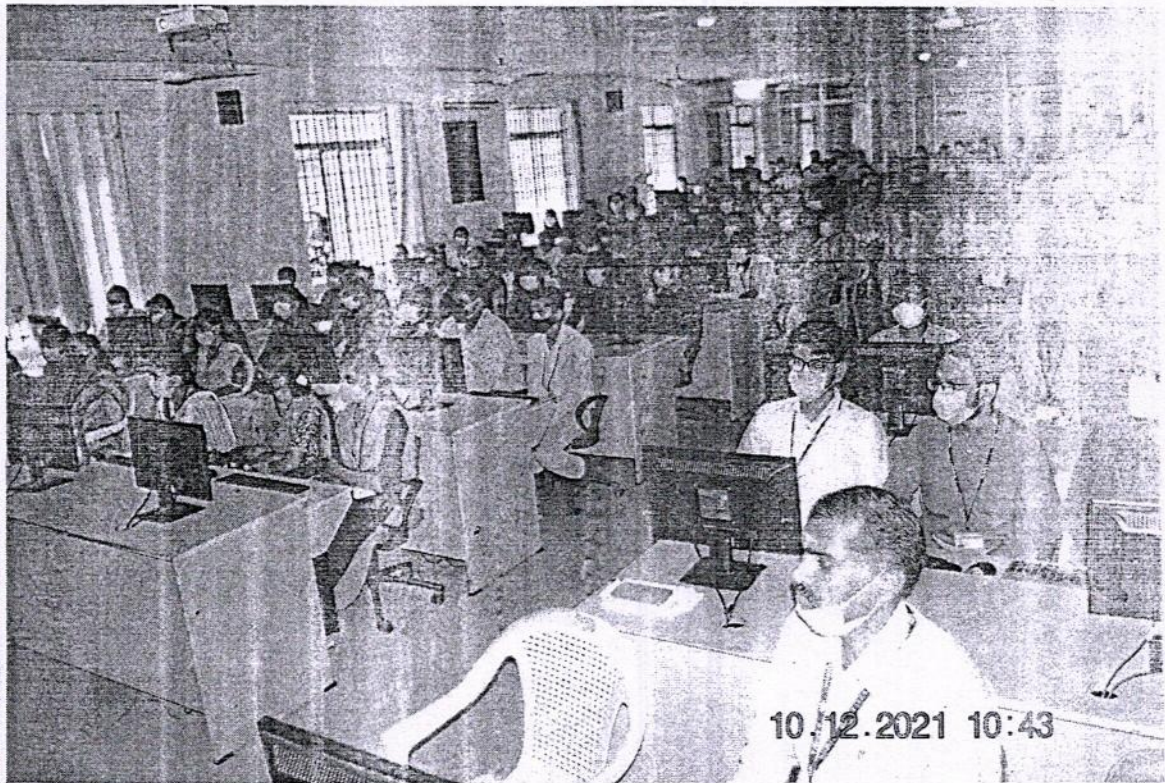
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10.12.2021 10:52



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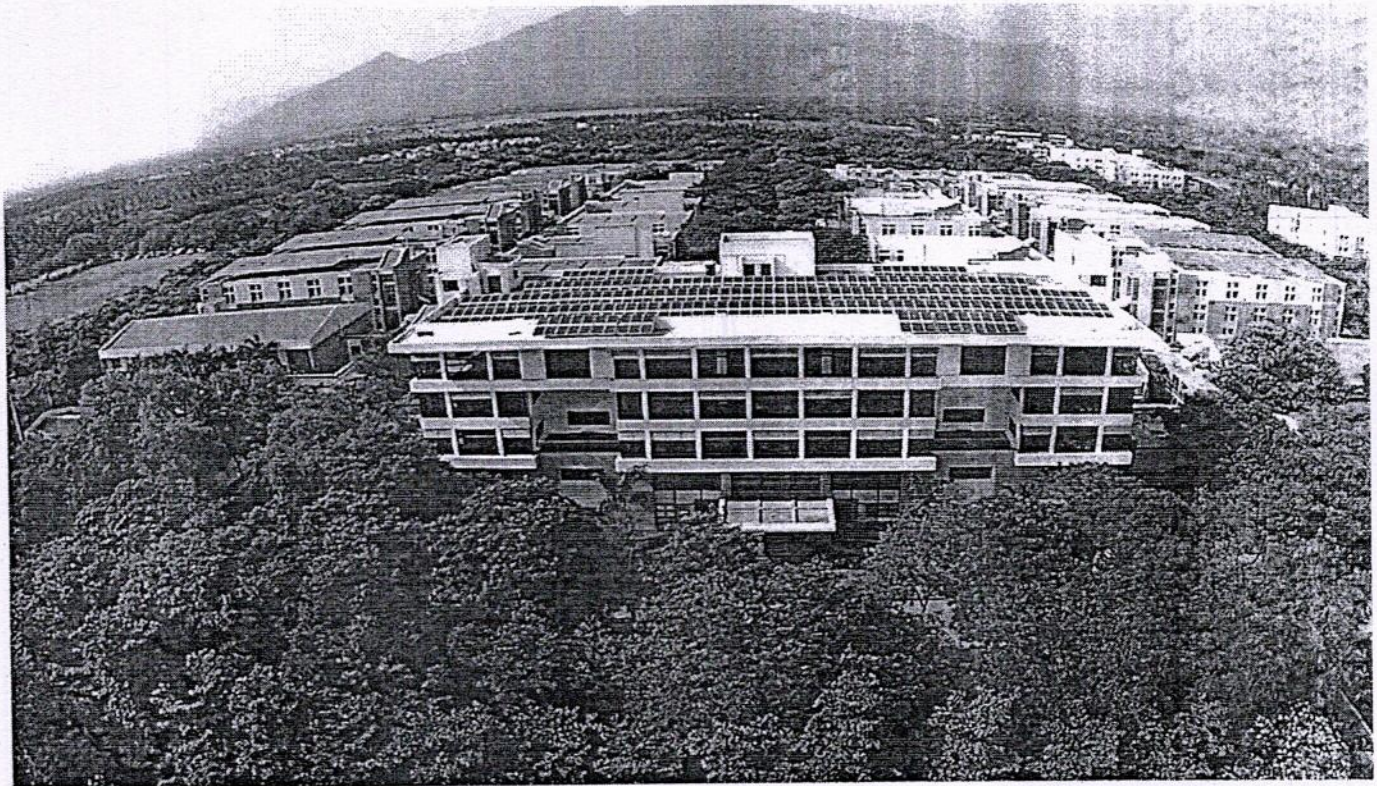


BANNARI AMA
INSTITUTE OF TECHNOLOGY
 An Autonomous Institution, Affiliated
 Approved by AICTE, Accredited by

Stay Ahead

Ms Nandhini S S

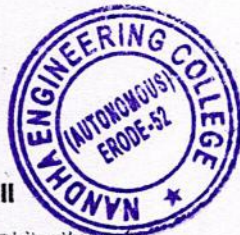
[Home](#) > [Departments](#) >



Ms Nandhini S S

Assistant Professor Level III

AICTE ID: I-2185681143 nandhiniss@bitsathy.ac.in



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Professional Experience



Experience Type	Organization	Designation	Date of Joining	To	Total Experience
Engineering	BIT-Sathy	Assistant Professor Level III	01.03.2022	05.07.2022	0 Year(s) & 4 Month(s)
Engineering	BIT-Sathy	Assistant Professor Level II and HOD Incharge	28.11.2019	01.03.2022	2 Year(s) & 3 Month(s)
Engineering	BIT-Sathy	Assistant Professor Level II	01.01.2019	28.11.2019	0 Year(s) & 10 Month(s)
Engineering	BIT-Sathy	Assistant Professor	10.06.2013	01.01.2019	5 Year(s) & 6 Month(s)



Academic Credentials

Degree	Specialization	Institute	University	Year of Passing
B.Tech	IT	SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY CBE	Anna University of Technology, Coimbatore	2011
M E	CSE	PSG COLLEGE OF TECHNOLOGY CBE	Anna University, Chennai	2013



Journal Publications

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Erode - 638 052.

Items International Journal of Aquatic Science 12 3 2367 - 2391 SEP 2021

2. Priyadarshini K S, Nandhini S S, Gunasekaran M Energy Efficient Multipath Routing For Wireless Sensor Networks INTERNATIONAL JOURNAL OF SCIENTIFIC 9 2 2325 - 2329 FEB 2020

3. Archana M, Nandhini S S Phonetic Search in FB International Journal of Science and Research (IJSR) 6 6 26 - 32 JUN 2017

4. Ramya R, Rubhashree M, Nandhini S S Grid scheduling using parallel hybrid particle swarm optimization algorithm International Journal of Engineering Technology Management and Applied Sciences 2 VII 150 - 155 DEC 2014

5. Ramya R, Rupashree M, Nandhini S S Grid Scheduling Using Parallel Hybrid Particle Swarm Optimization Algorithm International Journal of Engineering Technology 2 7 150 - 155 DEC 2014

6. Nandhini S S, Dr Chitra A Gis Based Decision Support System for Rural Health Care and Related Services National Journal of Technology 9 3 28 - 35 SEP 2013

7. Nandhini S S, Kannimuthu S Investigations on Modern Algorithm for Utility Mining International Journal of Pure and Applied Mathematics Volume 119 No. 16B 2018, 4451 - 4460 JUL

NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE-52
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
A Technical Seminar on "Scientific Approach in Python Programming
10.12.2021

FEEDBACK FORM

NAME	ASWIN.S	PROFESSION	STUDENT
ADDRESS	NEC		

Please take few minutes to fill the feedback form. We would appreciate if you could take a few minutes to share your opinions with us for continual program improvement.

Please return this form to the organizer at the end of the workshop. Thank you.

	Strongly disagree				Strongly agree
1. The seminar was well organized	1	2	3	4	5 ✓
2. The content delivery was good	1	2	3	4 ✓	5
3. The seminar was relevant to my profession	1	2	3	4	5 ✓
4. The seminar was presented in an organized manner	1	2	3	4 ✓	5
5. The instructor was knowledgeable on the topic	1	2	3	4	5 ✓
6. The Lab sessions were useful to me	1	2	3	4 ✓	5
7. The length of the seminar was appropriate	1	2	3	4	5 ✓
8. In your opinion, was this seminar:	<input type="checkbox"/> a. Introductory <input type="checkbox"/> b. Intermediate <input checked="" type="checkbox"/> c. Advanced				
9. Please rate the following:	Excellent	Very Good	Good	Fair	Poor
a. Visuals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Acoustics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Lab Facility	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Overallprogram	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. What was the most useful thing you learned in this seminar?

learned new things in this seminar about python

11. Any suggestions for improvement.

we need more practise questions in Python

Aswin
Participant Signature



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Erode - 638 052.

NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE-52
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
A Technical Seminar on "Scientific Approach in Python Programming
10.12.2021

FEEDBACK FORM

NAME	Mr. BALASUBRAMANIAN.C	PROFESSION	Asp
ADDRESS	NEC		

Please take few minutes to fill the feedback form. We would appreciate if you could take a few minutes to share your opinions with us for continual program improvement.

Please return this form to the organizer at the end of the workshop. Thank you.

	Strongly disagree				Strongly agree
1. The seminar was well organized	1	2	3	4	5 ✓
2. The content delivery was good	1	2	3	4 ✓	5
3. The seminar was relevant to my profession	1	2	3	4	5 ✓
4. The seminar was presented in an organized manner	1	2	3	4	5 ✓
5. The instructor was knowledgeable on the topic	1	2	3	4	5 ✓
6. The Lab sessions were useful to me	1	2	3	4	5 ✓
7. The length of the seminar was appropriate	1	2	3	4	5 ✓
8. In your opinion, was this seminar:	<input type="checkbox"/> a. Introductory <input type="checkbox"/> b. Intermediate <input checked="" type="checkbox"/> c. Advanced				
9. Please rate the following:	Excellent	Very Good	Good	Fair	Poor
a. Visuals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Acoustics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Lab Facility	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Overall program	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. What was the most useful thing you learned in this seminar?

Updated more functions through this seminar

11. Any suggestions for improvement.

No More Suggestions

Balasubramanian.C
Participant Signature



M. A. ...
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Erode - 638 052.

NANDHA ENGINEERING
COLLEGE, ERODE



The Institution of Engineers
(ESTABLISHED 1820, INCORPORATED BY ACT)

In Association With CSE and IT

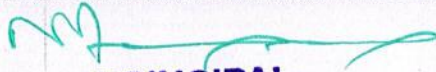
(I) Students Chapter - CSE Division

A Technical Seminar

On

Scientific Approach In Python Program




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Report of Activities

The Institution of Engineers (India)
Erode Local Centre
&
Department of CSE & IT,
Nandha Engineering College(Autonomous),
Erode - 638052

Organized

TITLE OF THE PROGRAMME :A TECHNICAL SEMINAR ON SCIENTIFIC

APPROACH IN PYTHON PROGRAMMING

Guest speaker:

Prof. S.S. Nandhini.,
Professor & Head of the Department of Information Science and Engineering,
Bannari Amman Institute of Technology, Sathy
Erode - 638 401

Brief Details about the Programme:

The Institution of Engineers (India) in association with IE(I) student chapter of Nandha Engineering College, Erode organised a Technical Seminar on the topic "Scientific Approach in Python programming". Professor S.S.Nandhini, Head of the Department of Information Science and Engineering, Bannari Amman Institute of Technology, Sathy, acted as the resource person. Before the commencement of the session, a heartfelt tribute was rendered to Gen.BipinLaxman Singh Rawat. Dr.N.Rengarajan, Principal of Nandha Engineering College introduced the resource person and delivered the principal address. During the seminar the resource person Prof. S.S.Nandhini shared the ethical concepts of Python and also shared some special library functions that are used in Python. Further she educated the students how to analyse and solve the technical use case with effective problem solving. Moreover she mentioned how to get reference for the use case from previously solved problems through Git Hub. The resource person at the end of the session, clarified the queries of the students.




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Ms S S Nandhini - Currently working as Head of the Department for Information Science and Engineering in Bannari Amman Institute of Technology, Sathyamangalam, Erode, Tamil Nadu with a teaching experience of 7 years. I have completed B.Tech Information Technology in Sri Krishna College of Engineering and M.E Computer Science and Engineering in PSG College of Technology with a GATE score of 97.34 percentile. Pursuing my PhD from Anna University in Information and Communication Engineering and presently working on utility mining. I have been awarded with "The Dharshan award" continuously 4 times for academic excellence and ranked 8th in the Anna University during my UG. Also, honoured with a Gold medal for Best Outgoing student at PSG College of Technology. I have worked as an intern in Indian Institute of Science (IISc), Bangalore and also, have successfully completed a funded project funded by IET, kolkata during my PG.

As an academician, I have published papers in 6 International / 2 National Conferences and 7 papers in international journals with 3 papers being Scopus indexed. Further, I have ranked as one among top 10% programmers on HackerEarth in the year 2017. I have been trained by TCS in the stream of "UNIX/CPP/RDBMS" in the year 2015. In continuation to that, along with TCS, I led a team of 12 faculty members and have trained around 1400+ TCS-placed students to make them deployable in TCS under pre-ILP training programme for three years. I have also been selected as ACM Distinguished Speaker.



A handwritten signature in green ink, appearing to be "M. S. Nandhini".

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ERODE

Nandha Engineering College:
Department of Agriculture
Engineering, World Soil Day 2021
celebrations, special lecture on Soil
Salinity - Causes, Characteristics and

Management, B. Nandhinidevi,
Assistant Professor, Mother Theresa
College of Agriculture, Pudukottai,
resource person, 10 a.m.; Department
of CSE and IT, technical seminar on
Scientific Approach in Python
Programming, 10.30 a.m.




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**NATIONAL EDUCATION
DAY FOLLOWED BY A
WEBINAR ON
ENTREPRENEURSHIP
DEVELOPMENT USING
DIGITAL MARKETING**

**NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE-52
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
&
INSTITUTION'S INNOVATION COUNCIL (IIC)**

Organized

NATIONAL EDUCATION DAY

FOLLOWED BY

**A WEBINAR ON ENTREPRENEURSHIP DEVELOPMENT USING DIGITAL
MARKETING**

NATIONAL EDUCATION DAY

Dated: 12/02/2022 @ 9:30 AM through Google meet

<https://nandhaengg.org/wp-content/uploads/2022/02/Poster.jpg>

Department of Computer Science and Engineering, Nandha Engineering College along with CiPD had organized National Education Day Celebration followed by a Webinar on "Entrepreneurship Development Using Digital Marketing" on 12th February, 2022. The Resource Persons of the webinar Hari Raj Kanakaraj, Project Manager, Verticurl –Coimbatore, TN inaugurated the National Education Day Celebration and the started the session stating the importance of Digital Marketing for Entrepreneurs in this Globalized era.

Benefits of Online Marketing are,

- The ability to interact with your prospects and learn exactly what they are looking for
i.e. get to know your customers better!
- The ability to reach out to anyone and anywhere as there are no geographical boundaries
with digital
- Target the right audience at the right time - personalization is simpler with digital
marketing

- Communicate with your prospects at every stage of the buying process
- Save money and reach more customers for less
- Get to know your audience and drive engagement to create brand loyalty. Get some inspiration from the power of customer loyalty schemes.
- Track and monitor responses to your marketing efforts easily and instantly

When small businesses get started, their focus is often on how to get the first customers through the door. They may rely on traditional forms of advertising, such as print ads, coupon mailers or even outdoor advertising. Businesses may believe that since they offer a good product or service, it's just a matter of time until customers find their way to them. While this strategy may bring in a trickle of business, there is a better and easier way. Small businesses should consider the global marketplace of prospects online and benefit from converging their traditional and digital marketing. No small business, no matter how new, should overlook digital channels as a way to generate leads and convert interest into customers.

Let's look at the benefits of digital marketing and the ways online platforms can be used to help grow your business.

Technology and digital marketing strategies are always changing. As early stage startups and entrepreneurs are looking to get the pre-product market fit right, they should not consider product development to be more important than branding and digital marketing. Everything the customer experiences are the products. This is something that both startups and media companies don't always fully understand. Things like creating content, blogging, and building brand awareness around a product are often considered a secondary experience and a secondary part of the company, which is a completely wrong way of thinking. In many

instances, what a customer first experiences about your product is on the internet or in the media long before they even get a chance to touch or use it firsthand. If your company does not have both of these aspects working together in alignment, then you could be causing yourself problems with building awareness for your company and product.

A total of 64 members participated in this interaction to expand their knowledge.

BROCHURE:



NANDHA ENGINEERING COLLEGE (Autonomous)



Erode-52

Affiliated to Anna University, Chennai

Department of Computer Science and Engineering

in association with

Institution's Innovation Council (IIC)

(An Unit of MOE's Innovation Cell)

NATIONAL EDUCATION DAY CELEBRATION

Followed by a session on

"Entrepreneurship Development using Digital Marketing"



Resource Person

Hari Raj. K

Project Manager

Vertical

Meeting Link



<https://meet.google.com/otj-wpxw-zna>



Date: 12.02.2022

Time: 9.30 AM

Event Co-ordinators

prof. Dr. S. Prabhu ASP/CSE

prof. B. Deepa AP/CSE

prof. K. Gunasekar
Convenor - HOD/CSE

Dr. M. Easwaramoorthi
President - IIC/NEC

Dr. J. Senthil
Director

Dr. N. Rengarajan
Principal




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Erode - 638 052.

RESOURCE PERSON DETAILS:

Hariraj Kanakaraj

1/155 – 19, NPS Nagar, Neelambur, Coimbatore, Tamilnadu – 641062 | (C) +91-9952835528

Kanaka.hariraj@gmail.com

Profile

- ✓ A detail oriented, hardworking professional with exceptional programming skills possesses Bachelor of Computer Science and Engineering.
- ✓ Around 8.10 plus Years of experience as Software Developer in UI/UX Font-End design with analysis, development, testing and implementation of web applications using Php framework and responsive designs using Bootstrap.
- ✓ Including **Marketing Automation** tool like **Eloqua**, and a **Certified Expert (Oracle Eloqua Marketing Cloud Service 2013 Implementation Consultant, Oracle Eloqua and Oracle Content Marketing Cloud Service 2013 PreSales Specialist Assessment, Oracle Eloqua and Oracle Content Marketing Cloud Service 2013 Sales Specialist Assessment, General Product Support Specialist v4.0)**.
- ✓ Experience work with **HTML5, CSS3, JavaScript, JSON, JQUERY**.
- ✓ Extensive knowledge of cross-border browsers compatibility such as **IE, Chrome, Firefox and Safari**.
- ✓ Experience in making Responsive web pages using **Bootstrap and media queries**.
- ✓ Extensive experience in design and development of applications using **PHP - frontend** and **Web technologies like CSS3, Bootstrap, JavaScript and HTML5** in n-tier architecture.
- ✓ Good Knowledge on with sales team **SFDC** (lead reporting and Prospect profiler).
- ✓ Good explore knowledge in event platform tools like **Certain Event tool, On24, Pathfactory, Intrado**.
- ✓ Good experience in **ABM Marketing**
- ✓ Eloqua administration >> Tool Enhancement, Email deliverability, Data management, Operation management and User management.
- ✓ Good experience in **Event, Webinar, Virtual event handing**
- ✓ Ability to learn & develop using new technologies quickly.

Education

Nandha Engineering College, Erode, TN, India

Skills

Web Technologies: HTML5, CSS3, MJML, Java **Developer Tools :**Photoshop, Notepad++
Script, JQuery.

Platforms Used: MS-DOS, Windows, Mac, **Marketing Automation Tools :**Eloqua
Ubuntu.

Framework: Bootstrap **Email Testing Tools :**Litmus/Email on Acid

Event Tools: Certain, On24, Intrado

Work History

Project Manager

05/2015totill date

Verticurl –Coimbatore, TN

- ✓ Manage the performance and effectiveness of all marketing programs and lead generation campaigns including lead scoring and lead nurturing programs.
- ✓ Develop, maintain and document processes, provide quick reference tools.
- ✓ Oversee database management – segmentation, list acquisition/import, data cleansing, event capture, lead management etc.
- ✓ Execute ongoing project management of the execution of the marketing automation campaigns and programs.
- ✓ Develop, with IT, an integrated end-2-end demand architecture - mobilize design/activation.
- ✓ Develop the marketing automation infrastructure, implementing best practices, including guidelines for **emails, Newsletters, landing pages, campaigns** etc.
- ✓ Deploy integrated **marketing analytics/reporting package** (inquiries, asset performance, nurturing outcomes, contact acquisition...).
- ✓ Also Worked with enterprise-grade clients achieve improved their platform setup & integration, **engagement programs, lead management, lead scoring, compliance Email,**

general email marketing best practices implemented the custom integration to sync data between two systems and executed of different toolswithEloqua and having good knowledge on **ABM – Account based Marketing**.

- ✓ **Handing** and the Main role played in the implementation project called **Red Hat - Marketing operation team**. To manage the 4 different Eloqua instance maintains and enhancement.

Clients: Redhat(APAC, MTO, MOMA), GEG
Web Developer

02/2014to 05/2015

Syllogic Consultants Pvt ltd, Chennai

Projects: (Feb 2014-May 2015)

Technology: HTML5, CSS3, Bootstrap, JavaScript, jQuery, PHP, MySQL.

Description: Developing the WordPress site both front end and back end with good web site optimization

Role: UI-Developer and WordPress Developer

Web Designer

05/2013to01/2014

Idreamdevelopers, Coimbatore

Project: (May 2013-Jan 2014)

Technology: HTML, CSS, JavaScript, jQuery.

Description: Developing the HTML pages for WordPress site with good web site optimization

Role: UI Designer.

Extra-Curricular activities

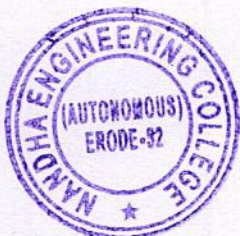
- ✓ Photographer
- ✓ Event's Organizer

Personal Details

Date of Birth: 12.07.1991

Languages Known: English and Tamil

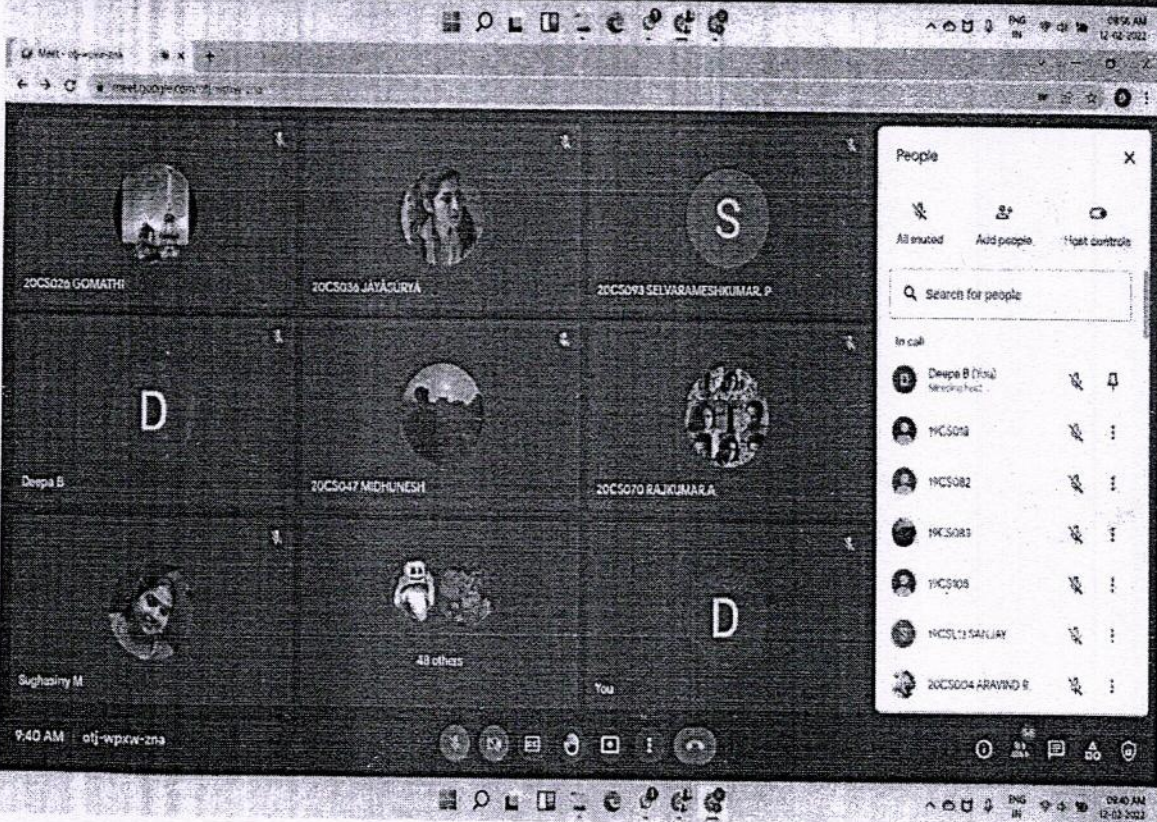
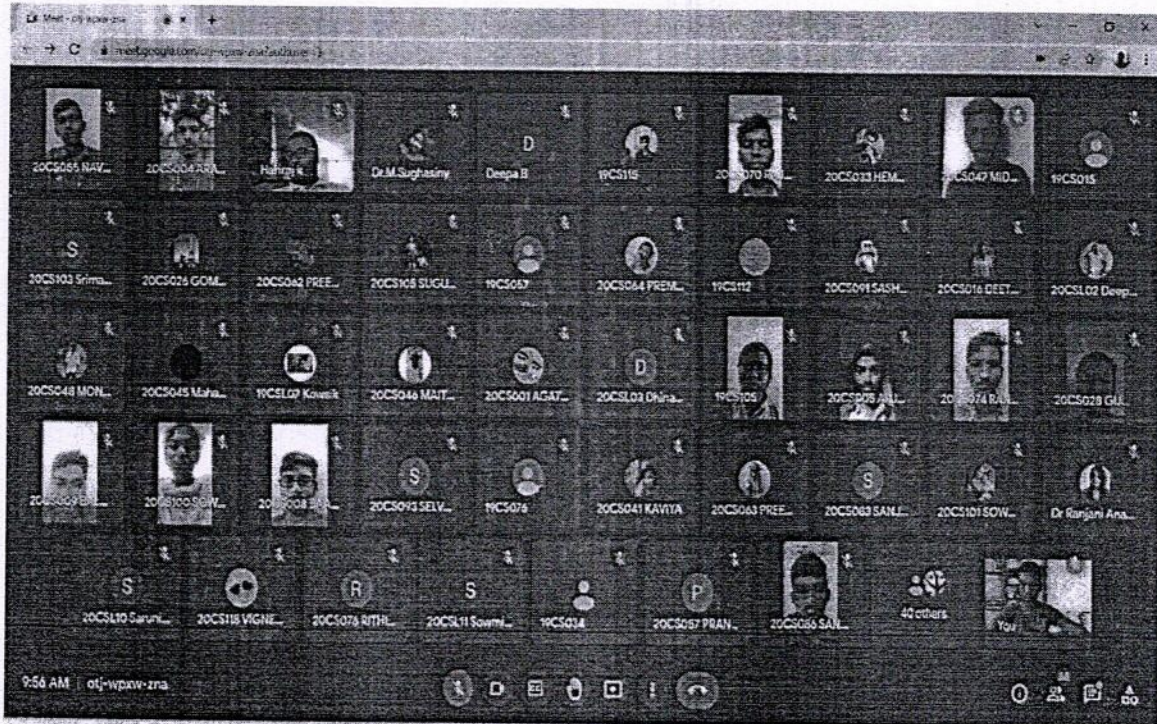
Hobbies: Listening Music and Singing




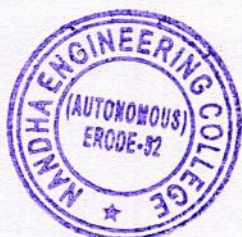
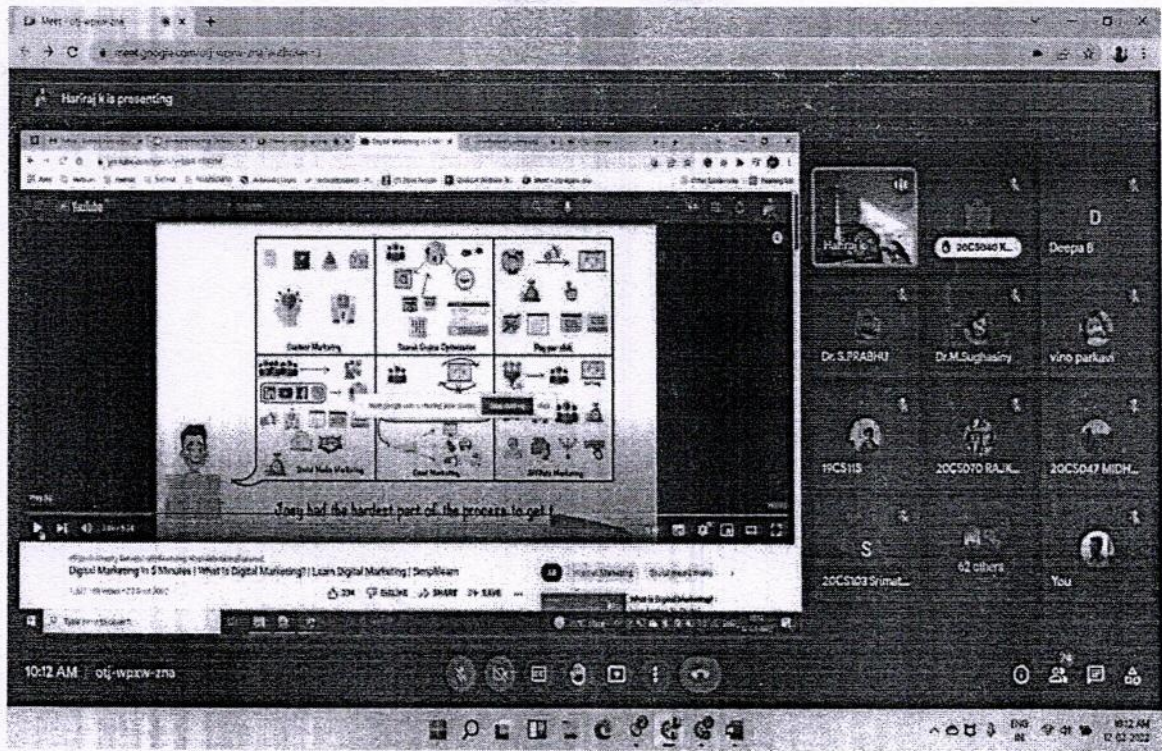
A handwritten signature in green ink, appearing to be "M. R. S.", written over the printed name of the principal.

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SESSION SCREENSHOTS




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STUDENTS' PARTICIPATION LIST


S.No.	REGISTER No.	NAME OF STUDENT
1	19CS036	HARIHARAN S
2	19CS100	SIVADHARANI R
3	19CSL08	ASHADEVI
4	19CS030	GOKUL R
5	19CS078	NITHYASRI R B
6	19CS115	VIJAYRAJA D
7	20CS001	AGATHIYAN P
8	20CS002	AJAY C
9	20CS003	AKSHAYA V
10	20CS004	ARAVIND R
11	20CS005	ARJUN K S
12	20CS006	ARUNRAJA R
13	20CS007	ASHOK KUMAR D
14	20CS008	BAAZILKUMAR R
15	20CS009	BALAKUMARAN M
16	20CS010	BHARATHKUMAR S
17	20CS012	BOOPATHI P
18	20CS013	DEEPADHARANI M
19	20CS014	DEEPAK S
20	20CS015	DEEPIKA K
21	20CS016	DEETCHANYA S
22	20CS019	DHASHINESH L
23	20CS020	DINESH S
24	20CS021	GAYATHRI V
25	20CS022	GIFTSON K
26	20CS023	GOBINATH K S
27	20CS024	GOKUL A
28	20CS025	GOKULKUMAR K P
29	20CS026	GOMATHI M
30	20CS027	GOWSIHAN R
31	20CS028	GUGAPRIYAA S
32	20CS029	HARIKRISHNAN A

33	20CS030	HARISH J (30/09/2002)
34	20CS031	HARISH J (12/04/2003)
35	20CS036	JAYASURYA S
36	20CS037	KANNAN S
37	20CS038	KARTHIKEYAN G
38	20CS039	KARTHIKEYAN V
39	20CS040	KARVETI AJAY KUMAR
40	20CS041	KAVIYA R
41	20CS042	LOBANA RETHINA PUSHPA S
42	20CS043	LOGESH S
43	20CS044	LOGESHRAJ S R
44	20CS045	MAHAVISHNU K K
45	20CS046	MAITHESH S K
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48	20CS053	NANJIN MOORTHY J
49	20CS054	NAVEEN A
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55	20CS060	PRAVEEN B
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58	20CS063	PREETHISHRI D
59	20CS069	RAHUL S
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61	20CS070	RAJKUMAR A
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63	20CS091	SASHVANTH M
64	20CS092	SATHYA G


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3	Dr.Mahalingam S K	CSE	ASP
4	Dr.Karthikeswaran D	CSE	ASP
5	Mr.Gunasekar K	CSE	ASP
6	Ms.Parvathi.M	CSE	ASP
7	Mr.Mani.C	CSE	ASP
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9	Ms.Maheswari.S	CSE	ASP
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15	Ms.Sandhiya P	CSE	AP
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19	Mr.Jagadeesan.S	CSE	AP
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22	Ms.Ramya P	CSE	AP
23	Ms.Deepika M	CSE	AP
24	Ms.Indumathi N M	CSE	AP
25	Ms.Abhila Anju O	CSE	AP
26	Ms.Vinoparkavi D	CSE	AP




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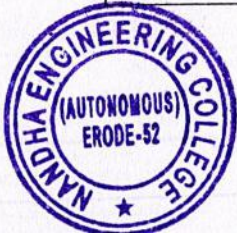
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2022/02/12 12:36:48 PM GMT+5:30	srecits@gmail.com	Ms.SNEGHA.R	Sri Ramakrishna Engineering college	4	4	4	4
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2022/02/12 12:36:58 PM GMT+5:30	sathyaponnusamy2510@gmail.com	Ms. SATHYA. P	NANDHA ENGINEERING COLLEGE	5	4	5	5
2022/02/12 12:36:59 PM GMT+5:30	srinu85@gmail.com	Dr S SRINIVASULU RAJU	Velagapudi Ramakrishna	4	4	3	3

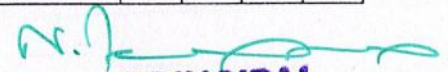
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2022/02/12 12:37:11 PM GMT+5:30	deepsdpak@gmail.com	Mr.M.Deepak	Nandha Engineering College, Erode	5	5	5	5
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Thiru. V. Shanmugan

Chairman, Sri Nandha Educational Trust
presides over the function

Soundhariya Aranganathan

Technology Analyst, Infosys, Bangalore

Mohankumar T

Associate, CTS, Chennai

have kindly consented to be the Jury

Dr. S. Arumugam

CEO, Nandha Educational Institutions

Thiru. S. Nandhakumar Pradeep

Secretary, Sri Nandha Educational Trust

Thiru. S. Thirumoorthi

Secretary, Nandha Educational Institutions


Dr. J. Senthil

Director, Nandha Tech Campus
felicitate the gathering

Dr. N. Rengarajan

Principal, Nandha Engineering College
delivers the Principal address




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National Conference



on

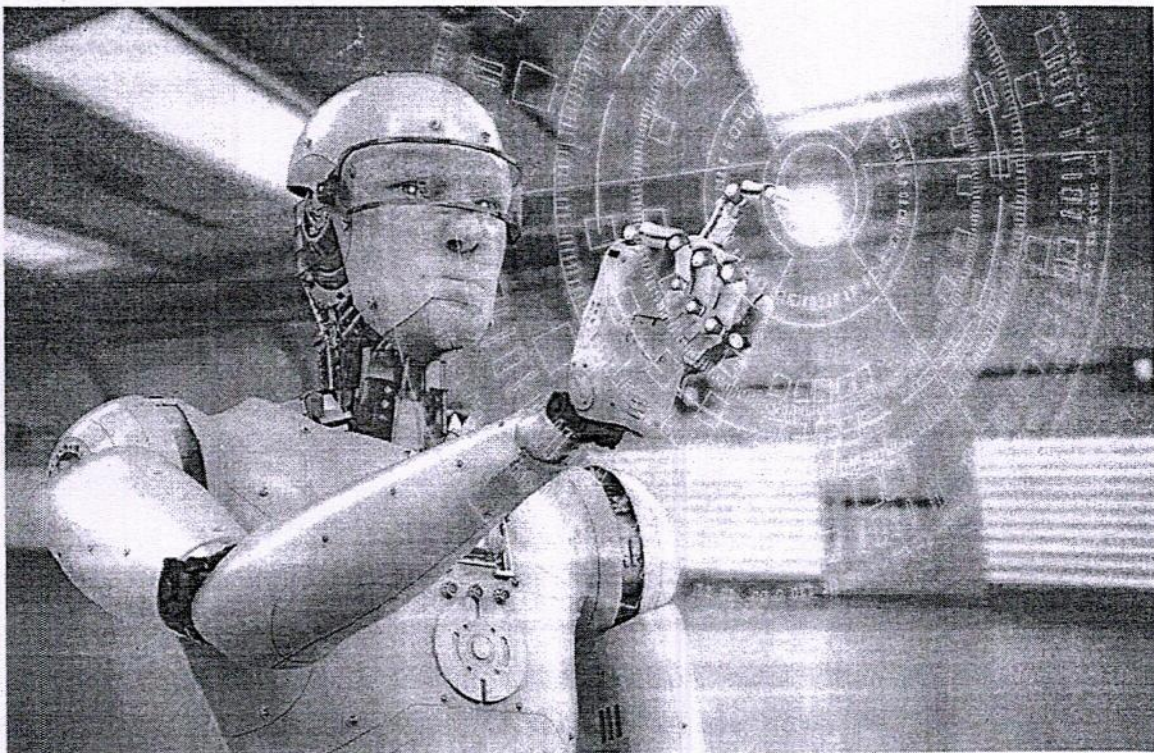
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23rd May 2022

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- Deep Learning
- Cloud Computing
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- Software Engineering
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- Mobile Communication
- Web Technology
- Data Mining and Ware Housing
- Wireless & Neural Networks
- Sensor Networks
- Network Security
- NLP & Image Processing
- Big Data Analytics
- Bioinformatics
- Human Computer Interaction
- Nano Technology
- Automotive Technologies

FEE DETAILS

Industry Participants : Rs.600

Faculty/Research Scholar : Rs.500

UG/PG Students : Rs.400

The payment should be made through Demand Draft drawn in favour of "The Principal, Nandha Engineering College, Erode." payable at Perundurai.

DATES TO REMEMBER

Last day for Submitting Full Paper	19.05.2022
Intimation of Acceptance	20.05.2022
Final Submission and Registration	21.05.2022
REGISTRATION LINK: https://forms.gle/AiBZe8itJU3gUUW6A	

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All papers should be original, unpublished, not submitted to any other journal/conferences, in word(.doc) format as per the guide lines and IEEE format. Please mail your original manuscript mentioning your name, contact details and e-mail id to nrc2t@nandhaengg.org. All accepted papers will be published in the proceedings of conference and also in journal. Registration will be confirmed only after the payment of registration fee.

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NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE

MINUTE TO MINUTE AGENDA

NATIONAL CONFERENCE (NCRTC2T'22)			
Time	Agenda	Speaker	Duration
9.30	Programme start		0 th minute
9.30 - 9.31	Introduction about conference	MoC	1 minute
9.32 - 9.34	Prayer song	Students	2 minutes
9.35 - 9.38	Lighting the lamp	Dignitaries	3 minutes
9.39 - 9.42	Welcome address	Dr.C.Siva, HoD/IT	3 minutes
9.42 - 9.47	Principal address	Dr. N. Rengarajan	5 minutes
9.47 - 9.52	Felicitation -1	Dr. S.Arumugam , CEO	5 minutes
9.52 - 9.57	Felicitation -2	Dr.J.Senthil, Director	5 minutes
9.57 - 9.59	Releasing Conference Proceeding	Dignitaries	2 minutes
9.59 - 10.01	Introduction of Jury -1	MoC	2 minutes
10.01 - 10.03	Honoring the Jury -1	Soundhariya.A System Analyst, Infosys, Bengaluru	2 minutes
10.03 - 10.06	Introduction of Jury -2	MoC	3 minutes
10.06 - 10.08	Honoring the Jury 2	Mr.Mohan Kumar Associate Developer, GTS, Chennai	2 minutes
10.08 - 10.10	Vote of thanks	Prof.K.Gunasekar, HoD/CSE	2 minutes
10.18 - 10.19	Announcement of Events, Venue & Refreshment	MoC	1 minute
			38 minutes.



mo
PRINCIPAL
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 Erode - 638 052.

Soundhariya A

Software Developer (ASP.Net MVC)-
3.11 Years
Soundhariyanathan95@gmail.com
+91- 8608043640



Objective

I aspire for a challenging position in a professional Organization as a **.Net MVC Developer** where I can enhance my professional skills and strengthen my performance in addition with Organization's motto.

Aspiring Skills

Primary Skill	ASP.Net MVC
Cloud Technology	Azure Power Platform
Monitoring tool	Azure Application Insight Dynatrace
Scheduling tool	Click
API Testing tool	Swagger Postman

Certification

- **AZ900** Microsoft Azure Fundamentals
- **PL900** Microsoft Power Platform.
- **Agile** Software development.

Experience Summary

Capgemini	
Project	Anglian Water Services- UK
Year of Experience	4 Years (2017 Aug – Present)

- I have joined Capgemini as a fresher and started working on ASP.Net MVC Application which is hosted in Azure.
- That created curiosity to learn more about Azure and do certification.
- I am primarily working in one of the reputed and customer facing application of Anglian water Services called **Customer Online Journey (COLJ)** which is used by around **15 lakh** people in UK.
- In addition to it, I was handling few legacy applications, Mobile Middleware applications hosted in Azure.
- I was cross skilled in **Click**- Scheduling tool as per urgent requirement in our project to replace a critical resource and handle it in parallel for short period of time.
- Proposed many **service improvements**, Picked up defect fixing and enhancement in COLJ area and delivered it on time.
- Apart from Enhancement, we will work on BAU stuff as well. So, I have gained sound knowledge in **troubleshooting** the issue.
- **Proactively** prevented critical incidents and got appreciation from client.
- Gained Knowledge on **Dynatrace**-Monitoring tool and helped our team to resolve the Major Incidents (P2) by finding the root cause.
- Provided immediate work around for the business and helped them to run the business as usual without any interruption.
- Familiar with **Swagger and Postman**, we do use it for **API debugging** in our application.
- Fixed critical security risks raised by our security team overnight and get appreciation from client
- We used to do pen testing and analyse the security loop holes in our website and fix the vulnerabilities.
- By Doing **Failure Mode Analysis**, reduced the ticket count.

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Networking, Communication & Automation Technologies**

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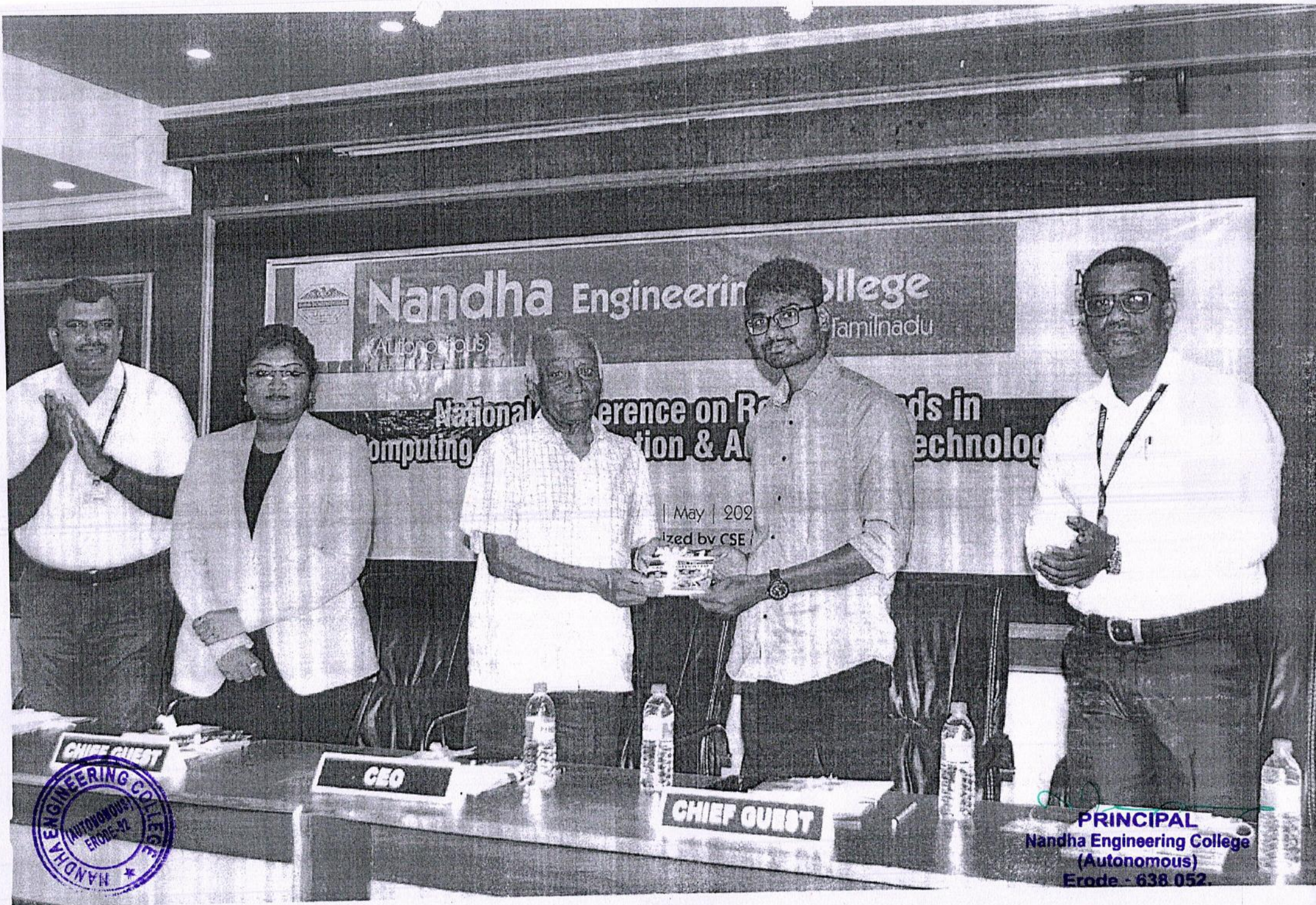
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National Conference on Research Trends in Computing, Information & Applications in Technology

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**National Conference on Recent Trends in
Routing, Communication & Automation Technologies**

02 May 2022
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ORGANIZING TEAM

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr. Arumugam S	Ms. Shanmugpariya.K
Dr. Prabhadevi S	Ms. Deepa B
Dr. Senthil J	Ms. Navamani C
Dr. Sivaraj S	Mr. S.Jagadeesan
Dr.Thirumoorthy P	Ms. Hemalatha S
Dr. Mahalingam S.K	Mr. Yuvaraj V
Mr. Gunasekar K	Ms. Indumathi N M
Ms. Parvathi. M	Ms. P.Ramya
Mr. C.Mani	Ms. Deepika M
Ms.Maheswari.S	Ms. Vinoparkavi D
Ms. Padma. E	Ms. Abhila Anju O
Dr. Karuppusamy. S	Ms. Devika P
Dr. Karthikeswaran D	Mr.P.Jaishankar,
Mr. Balasubramaniam C	Ms.K.S.Punithasree
Dr. Prabhu S	Mrs, Santhiya N
Ms. Uma P	Mr.Velliangiri V
Ms. Vanitha P	Mr.Shibi Philip
Ms. Kavitha S	Ms. Kannika Gayathiri S

DEPARTMENT OF INFORMATION TECHNOLOGY

Dr.C.Siva	Mrs.P.Dhivya
Dr.A.Manchula	Mrs.D.Kiruthika
Dr.Vellingiri raj	Mrs.G.Suganya
Mrs.J.Sakunthala	Ms.S.Thangamani
Ms.C.Vasuki	Mrs.K.Jothimani
Mrs.Suguna Angamuthu	Mrs.A.Bharathi
Mrs.N.Abinaya	Mrs.M.Bharathi
Mr.R.Anand	Mrs.P.Kavitha




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EVENT MANAGEMENT COMMITTEE

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Dr.J.Senthil, Director

CONVENOR

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Mr.K.Gunasekar, HoD/CSE

COORDINATORS

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Dr.S.Karuppusamy, CSE
Ms.C.Vasuki, IT

**CHIEF GUEST MOMENTO &
CONFERENCE KIT**

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Ms.K.Jothimani, IT

CATERING AND REFRESHMENT

Mr.P.Jaishankar, CSE
Mr.S.Jegadeesan, CSE
Mr.T.Arunkumar, IT

FINANCE

Dr.S.Prabhu, CSE
Dr.S.Karuppusamy, CSE
Ms.C.Vasuki, IT

**CONFERENCE PROCEEDINGS
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FOLLOW UP**

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Ms.Devika, CSE
Ms. S. Hemalatha, CSE,
Ms.Kannika Gayathri CSE,
Ms.A.Bharathi, IT,
Ms.S.Thangamani, IT

**BROCHURE, INVITATION DESIGN,
& DISTRIBUTION**

Ms.E.Padma, CSE
Ms.S.Kavitha, CSE
Ms.K.Kiruthika, IT

JOURNAL PUBLICATIONS

Dr.P.Thirumoorthy, CSE
Ms.D.Vinoparkavi, CSE

MoC DESK & AGENDA

Ms.K.S.Punithasree, CSE
Ms.P.Kavitha, IT

CERTIFICATE DISTRIBUTION

Ms.M.Deepika, CSE,
Ms.Suguna Angamuthu, IT

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Ms.M.Deepika, CSE,
Ms.Suguna Angamuthu, IT


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Mr.R.Anand, IT

PRESS MEDIA & PHOTOGRAPHY

Ms.P.Vanitha, CSE




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HALL BOOKING, STAGE, AUDIO &
SEATING ARRANGEMENT

Mr.Velliangiri, CSE
Mr.Shibi Philip, CSE

ALL PRINTING WORKS & FLEX

Mr.R.Anand, IT

LOOKING AFTER VIP, CHIEF GUEST
AND KEYNOTE SPEAKER
ARRANGEMENT

Ms.P.Uma, CSE,
Ms.S.Sandhiya, IT

PRESS MEDIA & PHOTOGRAPHY

Ms.P.Vanitha, CSE




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Session 1:

Venue: Conference Hall
Time: 11.00 AM-1.00PM

Session Chair:

Co-Chairs:

Soundhariya Aranganathan,
Technology Analyst, Infosys, Bangalore.

Dr.Prabhadevi S
Professor, Dept of CSE, Nandha Engg College

Dr.Thirumoorthy I
ASP, Dept of CSE, Nandha Engg College

Ms.Maheswari S
AP, Dept of CSE, Nandha Engg College

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N. D.
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Session 2:

Venue: CC5 LAB

Time: 11.00 AM-1.00PM

Session Chair:

Mohankumar T,
Associate, CTS, Chennai

Co-Chairs

Dr.Sivaraj S
Professor, Dept of CSE, Nandha Engg college

Ms.Suguna Angamuthu
AP, Dept of IT, Nandha Engg College

Ms.N.Abinaya
AP, Dept of IT, Nandha Engg College

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
National conference on RECENT TRENDS IN COMPUTING,
COMMUNICATION AND AUTOMATION TECHNOLOGIES NCRTC2T'22
23.05.2022

FEEDBACK FORM

NAME	S. Hernalatha	PROFESSION	Assistant professor
ADDRESS	Nandha Engineering College		

Please take few minutes to fill the feedback form. We would appreciate if you could take a few minutes to share your opinions with us for continual program improvement.

Please return this form to the organizer at the end of the conference. Thank you.

	1	2	3	4	5
1. The conference was well organized	1	2	3	4	5 ✓
2. The content delivery was good	1	2	3	4	5 ✓
3. The conference was relevant to my profession	1	2	3	4	5 ✓
4. The conference was presented in an organized manner	1	2	3	4	5 ✓
5. The instructor was knowledgeable on the topic	1	2	3	4	5 ✓
6. The Lab sessions were useful to me	1	2	3	4	5 ✓
7. The length of the conference was appropriate	1	2	3	4	5 ✓
8. In your opinion, was this conference:	<input type="checkbox"/> a. Introductory <input type="checkbox"/> b. Intermediate <input checked="" type="checkbox"/> c. Advanced				
9. Please rate the following:	Excellent	Very Good	Good	Fair	Poor
a. Visuals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Acoustics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Lab Facility	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Overall program	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. What was the most useful thing you learned in this conference?

We have updated knowledge on recent trends areas like AI, cloud..etc

11. Any suggestions for improvement.

Good and satisfied

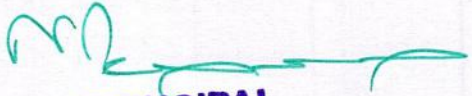


Participant Signature
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
STAFF NAMELIST

1	Dr.Thirumoorthy P	CSE	ASP
2	Dr.Karuppusamy.S	CSE	ASP
3	Dr.Mahalingam S K	CSE	ASP
4	Dr.Karthikeswaran D	CSE	ASP
5	Mr.Gunasekar K	CSE	ASP
6	Ms.Parvathi.M	CSE	ASP
7	Mr.Mani.C	CSE	ASP
8	Ms.Padma.E	CSE	ASP
9	Ms.Maheswari.S	CSE	ASP
10	Mr.Balasubramaniam C	CSE	ASP
11	Dr.Prabhu S	CSE	ASP
12	Ms.Kavitha S	CSE	AP
13	Ms.Vanitha P	CSE	AP
14	Ms.Uma P	CSE	AP
15	Ms.Sandhiya P	CSE	AP
16	Ms.Shanmugapriya.K	CSE	AP
17	Ms.Deepa B	CSE	AP
18	Ms.Navamani.C	CSE	AP
19	Mr.Jagadeesan.S	CSE	AP
20	Ms.Hemalatha S	CSE	AP
21	Mr.Yuvaraj V	CSE	AP
22	Ms.Ramya P	CSE	AP
23	Ms.Deepika M	CSE	AP
24	Ms.Indumathi N M	CSE	AP
25	Ms.Abhila Anju O	CSE	AP
26	Ms.Vinoparkavi D	CSE	AP




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NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE-52
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
National conference on RECENT TRENDS IN COMPUTING,
COMMUNICATION AND AUTOMATION TECHNOLOGIES NCRTC2T'22
23.05.2022

FEEDBACK FORM

NAME	M. Manikandan	PROFESSION	Student
ADDRESS	NEC		

Please take few minutes to fill the feedback form. We would appreciate if you could take a few minutes to share your opinions with us for continual program improvement.

Please return this form to the organizer at the end of the conference. Thank you.

	Strongly disagree	1	2	3	4	Strongly agree
1. The conference was well organized		1	2	3	4	5 ✓
2. The content delivery was good		1	2	3	4	5 ✓
3. The conference was relevant to my profession		1	2	3	4	5 ✓
4. The conference was presented in an organized manner		1	2	3	4	5 ✓
5. The instructor was knowledgeable on the topic		1	2	3	4	5 ✓
6. The Lab sessions were useful to me		1	2	3	4	5 ✓
7. The length of the conference was appropriate		1	2	3	4	5 ✓
8. In your opinion, was this conference:		<input type="checkbox"/> a. Introductory <input type="checkbox"/> b. Intermediate <input checked="" type="checkbox"/> c. Advanced				
9. Please rate the following:	Excellent	Very Good	Good	Fair	Poor	
a. Visuals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Acoustics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Lab Facility	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Overall program	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

10. What was the most useful thing you learned in this conference?

I learned the concept of Intrusion detection systems and advanced technologies

11. Any suggestions for improvement.

Well and Good to update Knowledge



M. Manikandan
 Participant Signature
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ENGAGEMENTS

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Conference on recent trends in
Computing, Communication and
Automation Technologies,
Soundhariya Aranganathan,
Technology Analyst, Infosys, and T.
Mohankumar, Associate, Cognizant
Technology Solutions, chief guests,
9.30 a.m.




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ENGAGEMENTS

ERODE

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Pondicherry Engineering College, Pudhucherry.

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Dr. A. P. Santhi ,

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Dr. K. Senthamarai Kannan ,

MS University, Thirunelveli.



A handwritten signature in green ink, appearing to be "Dr. S. Jayashree".

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