

THIRUTHANGAL NADAR COLLEGE

(Belongs to the Chennaivazh Thiruthangal Hindu Nadar Uravinmurai Dharma Fund)
A Self Financing Co-Educational College of Arts & Science
Affiliated to the University of Madras
Accredited at 'B' Grade by NAAC & An ISO 9001:2015 Certified Institution Selavayal,
Chennai, Tamil Nadu, India

PG DEPARTMENT OF COMPUTER SCIENCE

NEWS LETTER – 2021-2022

CHIEF PATRON	PATRON
Thiru.M.G.E.SELAPALAM Secretary & Correspondent	Dr.K.C.Lalithambika, M.Com.,M.B.A.,M.Phil.,Ph.D., Principal-i/c

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Dr.A.AMBETH RAJA., M.Sc., M.Phil., Ph.D.,
Head & Associate Professor.

SUB –EDITORS

Dr.S.B.Ninu, M.Sc., M.Phil., Ph.D.,
Associate Professor.

Dr.P.Krishnamoorthy, M.Sc., M.Phil., Ph.D.,
Associate. Professor.

VISION:

To empower students with Professional competence and pave the way to be successful in their own startups.

MISSION:

Create a healthy environment for teaching, learning and to empower our students to respond to the challenges in the corporate world.

WEBINOR ON WIRELESS DATA TRANSMISSION USING LATEST TECHNOLOGY (25-06-2021)

PG Department of Computer Science in Association with IQAC Conducted an International Webinar on the topic “Wireless Data Transmission Using Latest Technology” on 25th June 2021 Friday at 11.a.m. Through YouTube live Stream was headed by Dr.D.Balaganesh, Dean- Faculty of Computer Science and Multimedia, Lincoln University, Malaysia. The way of handled the session was revealed his knowledge and experience.



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IQAC in Association with PG Department of Computer Science
International Webinar on
Wireless Data Transmission using Latest Technology

Date: 25th June 2021
Time: 11.00 a.m.
Thru:  <https://youtu.be/8n0Uut1omzw>





Dr. D. BALAGANESH,
MCA., M.Phil., Ph.D.
Dean-Faculty of Computer Science and
Multimedia –Lincoln University College,
Malaysia.

Dr. A. Ambeth Raja Head & Associate Professor PG Department of Computer Science	Dr. S. Murugesan Principal	Thiru M. G. E. Selapalam Secretary & Correspondent
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For any queries contact : tncpgcsresearch2021@gmail.com

Webinar on - "Wireless Data Transmission Using Latest Technology"




WIRELESS DATA TRANSMISSION

using
Latest Technologies

Dr.Balaganesh

Dean Faculty of Computer Science and Multimedia
Lincoln University College
Malaysia



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GUEST LECTURE: ROAD MAP OF ARTIFICIAL INTELLIGENCE TO MACHINE LEARNING
(28.09.2021)

SAXON[Students Association for Excelling on New Technologies with PG PG Department of Computer Science Conducted an Guest Lecture on the topic “Road Map of Artificial Intelligence to Machine Learning” on 28thSeptember 2021. Through Microsoft Teams, was headed by Dr.S.Umarani, Professor and Head, Department of Computer Science, SRM Institute of Science and Technology, Ramapuram, Campus.

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Students Association for excelling on New Technologies with PG Department of Computer Science
Cordially Invites you to the Guest Lecture
on
Road Map of Artificial Intelligence to Machine Learning
Chief Guest
Dr. S. UMARANI
Professor and Head Department of Computer Science
SRM Institute of Science & Technology,
Ramapuram Campus

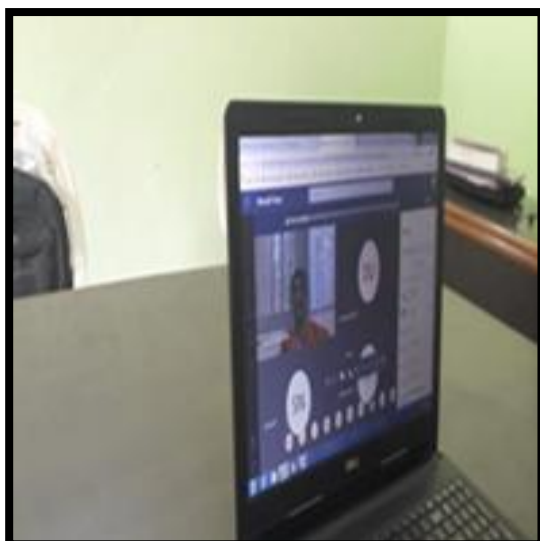
Date : 28-09-2021 | Time : 2.00 pm
<https://bit.ly/3Es2yPP>

Dr. A. Ambeth Raja
Head & Associate Professor
PG Department of Computer Science

Dr. K. C. Lalithambika
Principal In-charge

Thiru M. G. E. Selapalam
Secretary & Correspondent

For any queries : tnc.pgcsresearch2021@gmail.com



GUEST LECTURE: CLOUD TECHNOLOGIES 11.10.2021

SAXON[Students Association for Excelling on New Technologies with PG PG Department of Computer Science Conducted an Guest Lecture on the topic “Cloud Technologies” on 11th October 2021. Through Microsoft Teams, was headed by Mr.P.Manoharan, Senior Consultant, IBM Cochin.



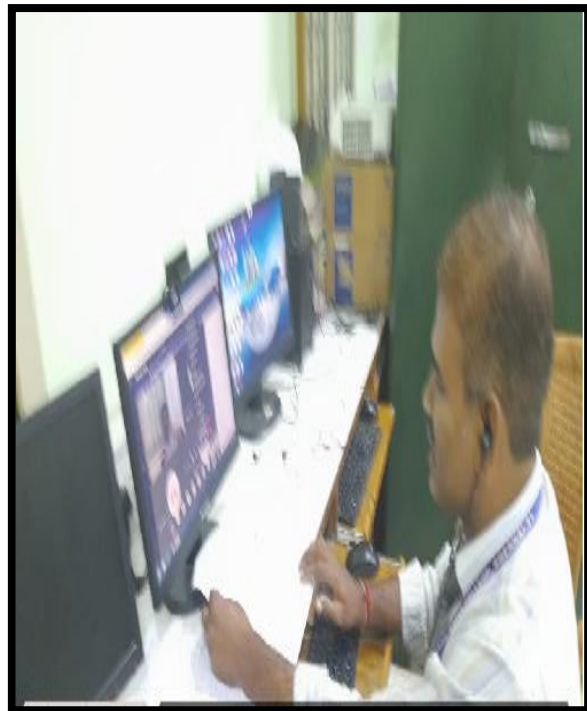
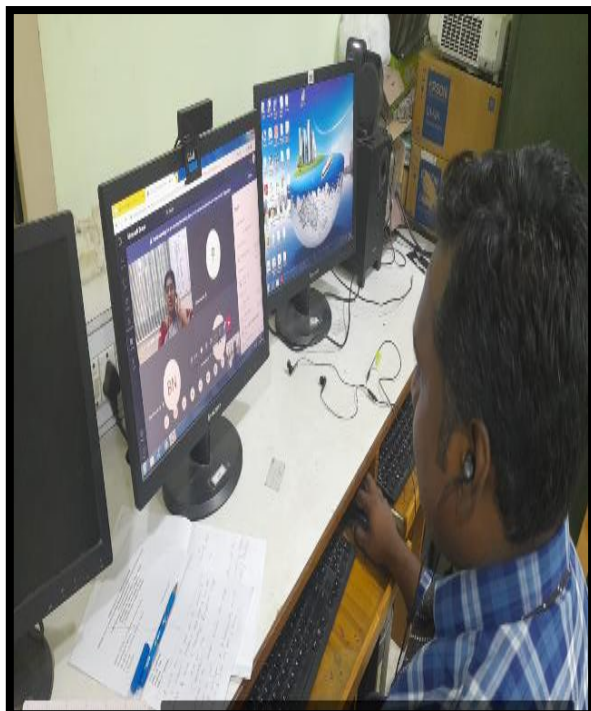
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SAXON [Students Association for excelling on New Technologies]
of PG Department of Computer Science
Cordially Invites you to the Guest Lecture
on
Cloud Technologies
Chief Guest
Mr. P. MANOHARAN
Senior Advisory Consultant
IBM, Cochin

Date : 11th October 2021 | Time : 2.00 pm
<https://bit.ly/2YcaS66>

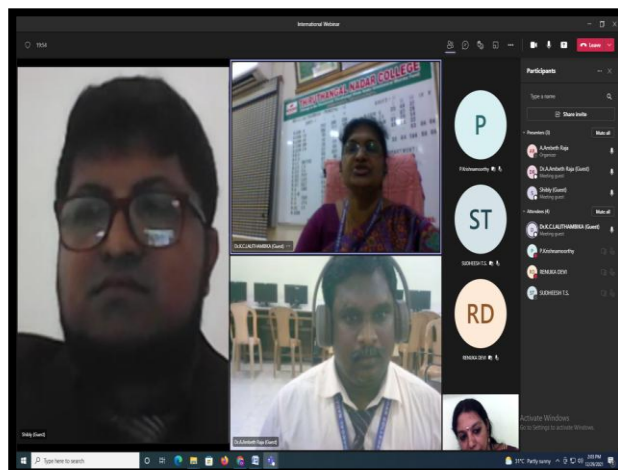
Dr. A. Ambeth Raja Head & Associate Professor
PG Department of Computer Science
Dr. K. C. Lalithambika Principal In-charge
Thiru M. G. E. Selapalam Secretary & Correspondent

For any queries : tnc.pgcsresearch2021@gmail.com



WEBINAR ON WIRELESS DATA TRANSMISSION USING LATEST TECHNOLOGY (29-12-2021)

SAXON [Students Association for Excelling New Technologies] of PG Department of Computer Science in Association with ESN Publication an International Institute for Research & Development Conducted an International Webinar on the topic “Research Trends in Green Information Technology” on 29th December 2021 Wednesday at 2.p.m. Through Microsoft Teams was headed by Prof.FHA.Shibly, Senior Lecturer in Information Technology, South Eastern University of Srilanka.



INTERNSHIP: 26.9.2019

Industrial visit has its own importance in a career of a student who is pursuing a professional degree. It is considered as a part of college curriculum and objectives of industrial visit is to provide students an insight regarding internal working of companies. We know, theoretical knowledge is not enough for making a good professional career. The main aim behind industrial visit is to provide an exposure to students about practical working environment. They also provide students a good opportunity to gain full awareness about industrial practices.

Our Final year Students have completed 15 Days Internship in KAASHIV INFOTECH, Chennai-40 (From 20/09/2021 to 06/10/2021).



Kaashiv InfoTech

An ISO Certified Company

Company Run by Microsoft Awarded Most Valuable Professional

Google Certified / Amazon Certified / Microsoft Certified Experts

Ranked Top 35 K Companies in the World

www.kaashivinfotech.com

kaashiv.info@gmail.com

7667662628

DATE: 19/09/2021

Place: Chennai

Date: 19/09/2021

Place: Chennai

Internship Confirmation Letter

This is to confirm that,

Mr. Deepak G [20MSCCS07], Mr. Janarthanan R [20MSCCS02],
 Mr. Prabahakaran R [20MSCCS03], Mr. Rahul M [20MSCCS05],
 Ms. Renuka Devi N [20MSCCS04] & Mr. Sudheesh T S [20MSCCS01].
 From Thiruthangal Nadar College

Department of M.Sc – Master of Science (Computer Science), students have been shortlisted to do their,

15 Days of Internship on "Internet of Things"

in our organization **"KAASHIV INFOTECH"** for the duration period starting from 20-09-2021 to 05-10-2021. We really glad to accept their internship.

Wishing you all the best!!! - KaaShiv InfoTech Team



Cheers,

Venkatesan Prabhu

Venkatesan Prabhu J
Head- KaaShiv InfoTech

Digital Signature



HR Department -KaaShiv InfoTech

Registered Office – Kaashiv Infotech, 310, Block 3, Mogappair West, Chennai – 600037

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PAPER PRESENTATION 25&26.10.2021

PG Department of Computer Science Students of T.S Sudheesh, N.Renuka Devi, R. Prabhakaran and M. Rahul paper presented International Conference on Machine Learning and Smart Technology (ICMLST-2021) held at D.G Vaishnav College on 25th and 26th October 2021

The screenshot shows a video conference interface powered by StreamYard. On the left, there are two video feeds: one of Dr. S. Gayathri, Asst. Professor, and another of Prabhakaran Raja. The main screen displays a presentation slide with the following content:

Conclusion:

The results of the analysis and design as well translation of the test can be summarized as follows:

1. Artificial neural networks with back propagation algorithms can predict rapid response techniques and high data approximation quality Compared to mathematical solutions that have been demonstrated and Simulation results are very promising. Back propagation nerve network is the information processing system that aims to train a network to gain equilibrium between the network's ability to recognize patterns used during training and the ability of the network to respond appropriately to similar (but not the same) Pattern of inputs to the pattern used during the training.
2. Brain waves readings are developed using mega 168 Arduino Microcontrollers.

The ANN control was successfully implemented on the Arduino microcontroller and tested on the vehicle control system. The Output of the system also matches the theoretical results that indicate Better system accuracy. ANN controls can be used for machine control Mechanisms with complex load patterns.

At the bottom of the slide, there is a text box that says "streamyard.com is sharing your screen" with a "Stop sharing" button. The bottom of the video conference window has a pink banner that reads "INTERNATIONAL CONFERENCE ON MACHINE LEARNING AND SMART TECHNOLOGY".

The screenshot shows a video conference interface powered by StreamYard. On the left, there are three video feeds: one of Ms. TM. Umagiyin, Asst. Profes., one of Dr. S. GAYATHRI, Asst. Professor, and one of N. Renuka Devi. The main screen displays a presentation slide with the following content:

A MAJOR ROLE OF ARTIFICIAL INTELLIGENCE TECHNIQUES USING IN CURRENT RESEARCH

T.S.SUDHEESH, N.RENUKA DEVI, R.JANARTHANAN

II.M.Sc(CS) Students,
PG Department of Computer Science,
Thirathangal Natar College, India

The slide features a large image of a blue, futuristic robot head. The bottom of the video conference window has an orange banner that reads "TECHNOLOGY (ICMLST-2K21). INTERNATIONAL COI".

PAPER PRESENTATION 15.12.2021

PG Department of Computer Science Student of T.S Sudheesh paper presented International Conference on Innovation and Research in Software Application (ICIARSA-2K21) held at A.M.Jain College on 15th December 2021.



MOU 06.12.2021

The PG department of Computer Science signed the MOU with ESN Publication which is an International Institute for Research and Development successfully done on 6-12-2021 at 11.30 a.m.

The following are the main objectives of the MOU:

- To conduct Seminar & Guest Lecture
- To publish Books
- To publish Research paper
- To jointly organize an International Conference

We hope that this MOU will drive to the development in our student's life.



MOU 08.12.2021

The PG department of Computer Science signed the MOU with Pyroferus Technologies on 08-12-2021 at 3.30 p.m.

The following are the main objectives of the MOU:

- Training & Placement
- Internship
- Industrial visit
- Seminar & Workshop on “Recent Developments in the field of Computer Science”

We hope that this MOU will drive to the development in our student’s life.



TRIBAL RESEARCH CENTER VISIT-22-02-2022

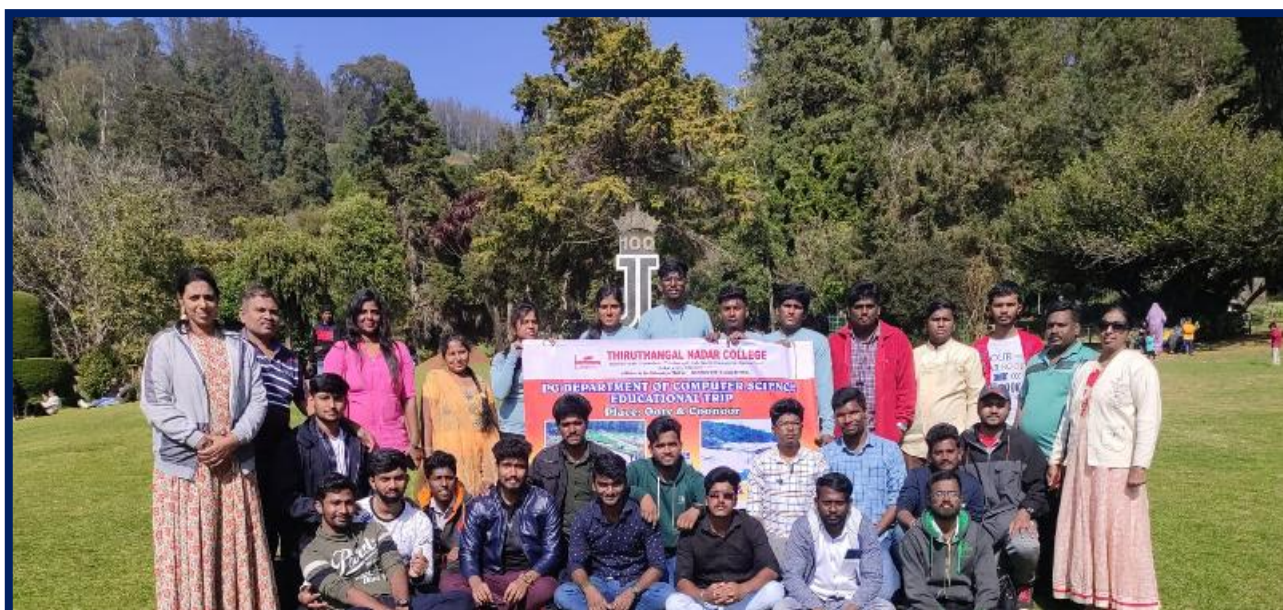
PG Department of Computer Science (both I and II Year) M.Sc (Computer Science) 25 students along with 4 faculties of Dr.A.Ambeth Raja, Head, Dr.S.B.Ninu, Dr.P.Krishnamoorthy and Dr.S.Lavanya visited Tribal Research Centre, Udhagamandalam-on 22-02-2022. Tribal Research Centre of Tamil Nadu is acting as an Integral part of the planned development of Tribal’s. The Government lends its helping hand to the tribal people in the form of providing Education, Job opportunity and also motivates them to excel in their own area of interest. The students of PG Department of Computer Science find it helpful in letting them to know about the lifestyle of tribal people and the government’s benefaction to the tribes.

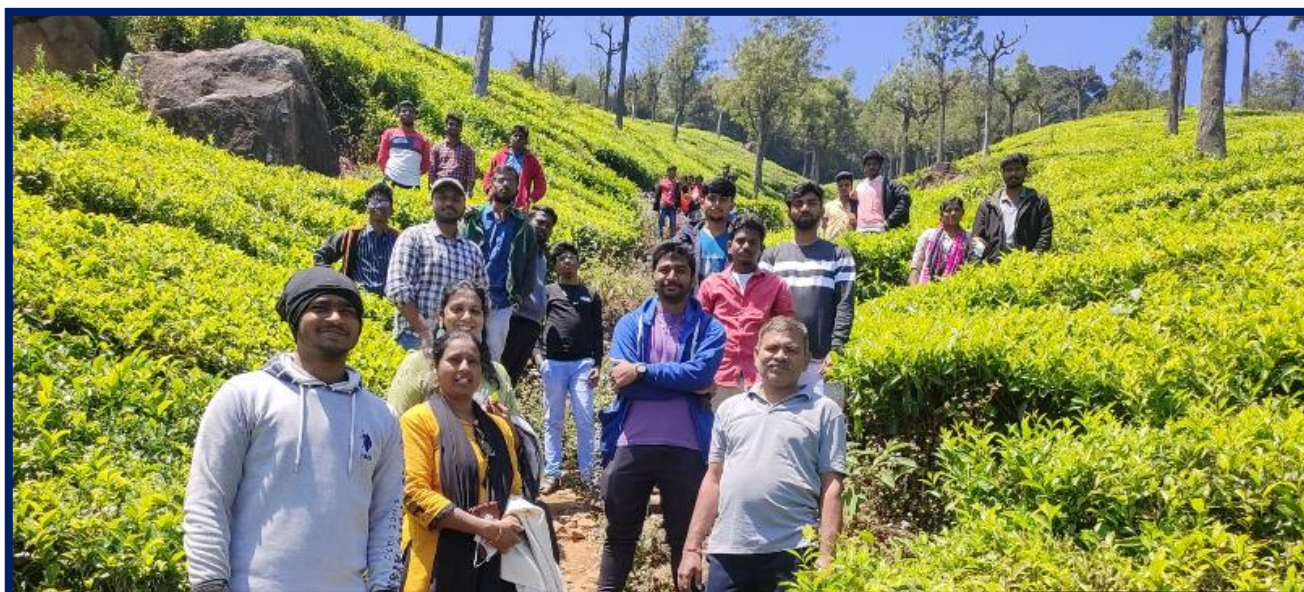


EDUCATIONAL TRIP-23&24-02-2022

PG Department of Computer Science (both I and II Year) M.Sc (Computer Science) 25 students along with 4 faculties of visited various places in Ooty & Coonoor Benchmark Tea & Chocalate Factory, Defence Staff College, Botanical Garden, Rose Garden, Lake, Simspark, Lamb Rock, Dalphin Nose, Catherin Falls on 23-02-2022 & 24-02-2022.

PG Department of Computer Science students successfully completed the trip and returned to Chennai on 25-02-2022.





PAPER PRESENTATION A CONFERENCE

Dr.P.Krishnamoorthy presented paper in the topic of “Analysis on Secure E-Learning Using Data mining Techniques and Concepts” and Dr.S.Lavanya presented paper in the topic of “An Overview of DNA Storage System” in the International Conference on Innovation and Advanced Research in Software Application held on 15th December 2021, Organized by Agurchand Manmull Jain College, Chennai-61.

Dr.A.Ambeth Raja , A Systematic Study on Applications of Digital Image Processing, SRM (Institute of Science & Technology), Ramapuram, Chennai, held on 4& 5th March-2022.

Dr.P.Krishnamoorthy, Dr.A.Ambeth Raja , Promote Iot Applications Using Impartial Protocols Among Various Issues & Provocations, M.Kumarasamy College of Engineering ,Karur, held on 9&10th March-2022.

Dr.S.B.Ninu has participated in the two days virtual conference on: Recent Advances in Sustainable practices, Social Innovations and Entrepreneurship held on 17th & 18th Feb 2022 organized by Shri Krishnaswamy College for Women.

RESOURCE PERSON

Dr.A.Ambeth Raja, Head of the Department, Invited as Technical Session Speaker in the International Conference on Innovation and Advanced Research in Software Application held on 15th December 2021, Organized by Agurchand Manmull Jain College, Chennai-61 and invited as a Board of Studies – Member in Ramakrishna Mission Vivekananda College, Chennai on 17-03-2022 and Session Speaker of New Prince Shri Bhavani Arts& Science College, National Symposium held on 9-4-2022.

Dr.P.Krishnamoorthy, Invited as Speaker in the topic of Data Mining with Machine Learning organized by Department of Computer Science of Shree Chandrababhu Jain College, Minjur on 07.12.2021 and also invited as Ph.D-Viva-voce-External Examiner, Vels Institute of Science, Technology & Advanced Studies, Chennai on 31-3-2022 and in act as a Chief Guest of Paper Presentation on Ramakrishna Mission Vivekananda College, Chennai held on 22-4-2022.

REVIEWER IN JOURNAL

Dr.S.B.Ninu has been appointed as Reviewer International Journal of Computer Networks and Applications in the year 2021-2022.

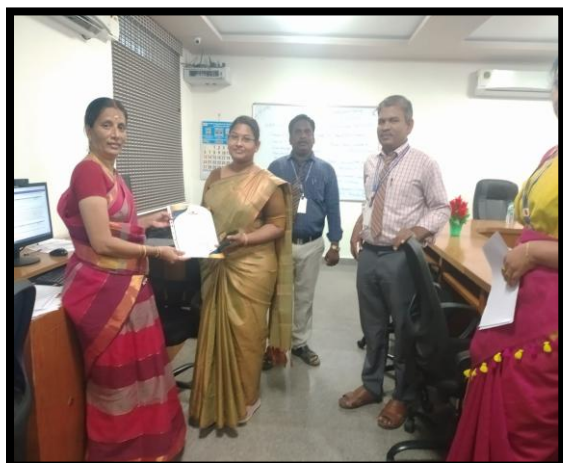
She has been received as an award of “Dr.A.P.J.Abdulkalam Life time Achievements National Award 2021”.

PUBLICATIONS- [WEB OF SCIENCE]

Dr.A.Ambeth Raja and Dr.P.Krishnamoorthy ” Relative Link Chain Routing based Congestion Control using Adaptive Deterministic Packet Marketing Algorithm for Improving Energy Efficiency in MANET ” Indian Journal of Natural Sciences ISSN No: 0976-0997 Vol.12/Issue 69/December/2021.

SKILL DEVELOPMENT PROGRAMME: CLOUD TECHNOLOGIES 25.03.2022

SAXON[Students Association for Excelling on New Technologies with PG PG Department of Computer Science Conducted an KNOWLEDGE DEVELOPMENT PROGRAMME on the topic “Cloud Technologies” on 25th March 2022.The Session was headed by Ms. Priyadharshini Jayadurga. Assistant Professor, Coimbatore Institute of Technology, Coimbatore



KNONWLEDGE ENCHANCEMENT PROGRAMME: MODELLING A NOVAL SECURE DATA TRANSMISSION 25.04.2022

SAXON [Students Association for Excelling on New Technologies] of PG Department of Computer Science Organized Knowledge Enhancement Programme in the topic of " Modeling a Noval Secure Data Transmission", on 25/04/2022. The Session was headed by Ms. Mr.D.Pradeep Kumar. [TNC Alumnus], Research Scholar, Department of Computer Science, VISTAS, Chennai.



BOOK PUBLICATION-28-04-2022

Dr.A.Ambeth Raja and Dr.S.B.Ninu, to publish the book Title of **Artificial Intelligence**, Dr.P.Krishnamoorthy and Dr.S.Lavanya to publish the book Title of **Mat lab Notes for Professionals** PG Department of Computer Science Staff's - Book published on 28th April-2022.



