



**PROGRAMMES
ORGANIZED BY
DEPARTMENT OF
COMPUTER
APPLICATION
(2023 – 2024)**



**Govindammal Aditanar College for Women
Tiruchendur**



Department of Computer Application

Association Meeting

Tech -Word Competition



DATE :25.08.2023

TIME :11.00AM

Committee Member
Mrs.M.Babila Revathy

Organizing Secretary
Mrs.J.Uthrakumari

Convener
Dr.S.Anitha

Principal
Dr.P.Jeyanthi

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENT OF COMPUTER APPLICATION


Report of the programme

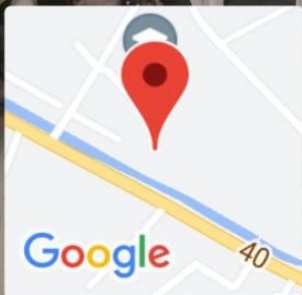
Name of the programme	: Tech Word Competition
Venue	: PG Seminar hall
Date	: 25.08.2023
Brief objective of the programme	: <ul style="list-style-type: none">• To enhance the technical and communication skills of students.• To encourage them to express their talents in the subject boldly.
No. of participants	: 140
Details of the prize winners	: <u>I Place</u> - M. Muthu Saranya – III B.C.A. <u>II Place</u> - P. Pon Prathiba – III B.C.A. <u>III Place</u> - G. Bhuvaneshwari – III B.C.A.
Outcome of the programme	: <ul style="list-style-type: none">• The students developed their technical knowledge through this programme.• It motivated them to gain more creative and communication skills.

J. Chud
28/8/2023
Staff in charge

M. J.
28/8/2023
Head of the department



 GPS Map Camera



Thoothukudi, Tamil Nadu, India
PG Block, SH 40, Tamil Nadu 628216, India
Lat 8.510947°
Long 78.102177°
25/08/23 02:04 PM



Thoothukudi, Tamil Nadu, India
PG Block, SH 40, Tamil Nadu 628216, India
Lat 8.510947°
Long 78.102177°
25/08/23 01:52 PM

GPS Map Camera



Govindammal Aditanar College for Women
Tiruchendur - 628215
Department of Computer Application
Association Meeting



Progress of IOT Research Technologies and Application

Resource Person

S.Jenifa Sabeena,
Research Scholar,
M.S University,
Tirunelveli.



Date :30.08.2023

Time :11.00AM

Committee Member
Mrs.M.Babila Revathy

Organizing Secretary
Mrs.J.Uthrakumari

Convener
Dr.S.Anitha

Principal
Dr.P.Jeyanthi

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENT OF COMPUTER APPLICATION

Report of the programme

Name of the programme : Guest lecture

Venue : PG Seminar Hall

Date : 30.08.2023

Brief objective of the programme :

- To create awareness on IoT tools and its applications.
- To enhance the knowledge of the students about the advancement of internet in different areas.

Name of the chief guest with designation : Ms. S. Jenifa Sabeena, M.C.A., M.Phil.,
Research scholar,
Manonmaniam Sundaranar University,
Tirunelveli.

Topic of the lecture : Progress of IoT Research Technologies and Application

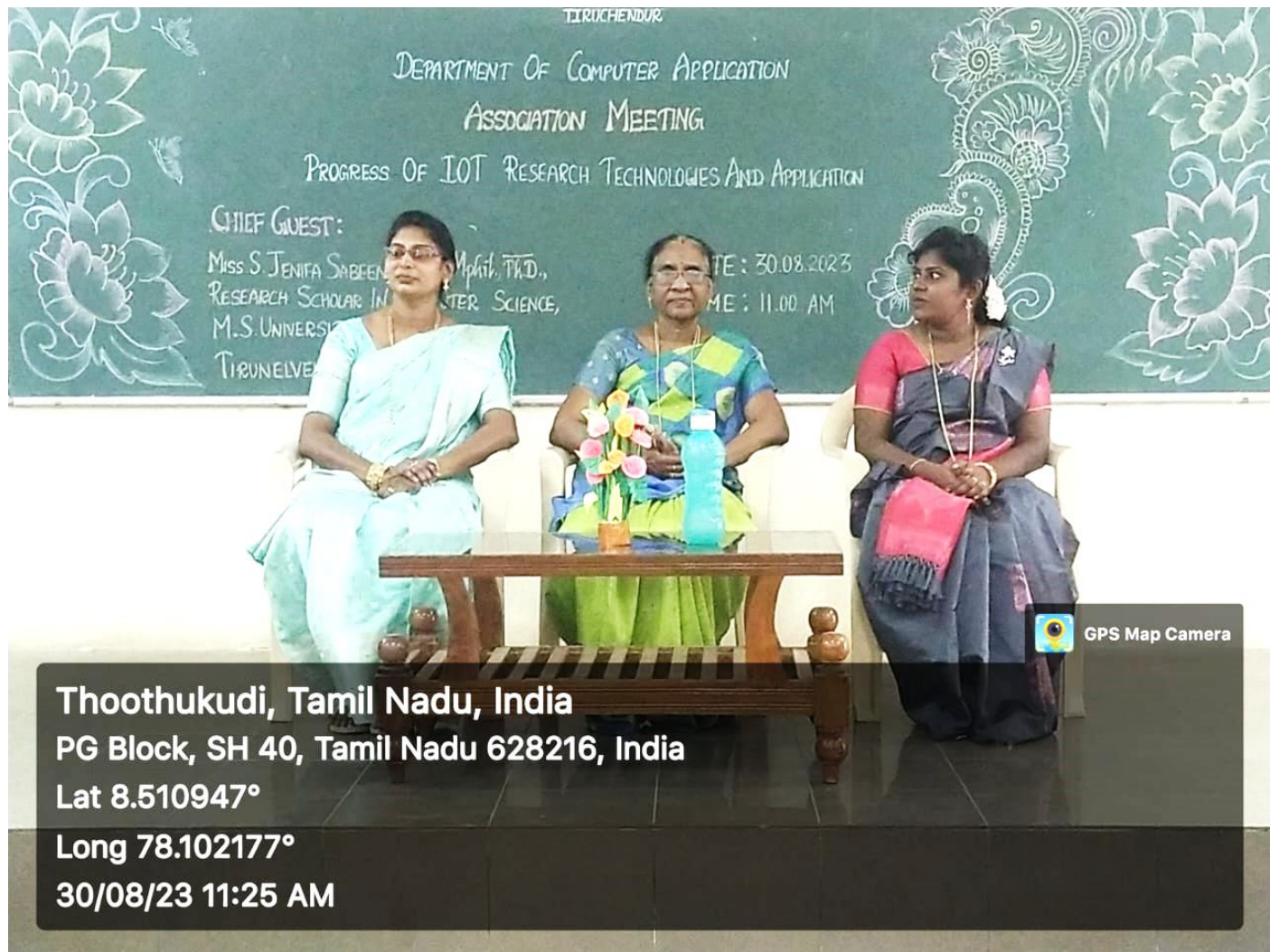
No. of participants : 140

Outcome of the programme :

- The students learned the basic knowledge of Internet of Things.
- They were motivated to understand how a network of physical devices with the sensors enables them to collect and exchange the data over the internet.

J. Chhabra
2/9/2023
Staff in charge

Shri
2/9/2023
Head of the department



Thoothukudi, Tamil Nadu, India
PG Block, SH 40, Tamil Nadu 628216, India
Lat 8.510947°
Long 78.102177°
30/08/23 11:25 AM





Thoothukudi, Tamil Nadu, India
PG Block, SH 40, Tamil Nadu 628216, India
Lat 8.510947°
Long 78.102177°
30/08/23 11:31 AM

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENT OF COMPUTER APPLICATION

Report of the programme

Name of the programme : Career development programme for +2 students

Venue : PG seminar hall

Date : 09.10.2023

Brief objective of the programme :

- To provide a platform for the students to know how to work with PYTHON and SQL programming languages.
- To make the students understand the demand of IT employees in IT industries.

Name of the guest with designation : Mrs. U. Vasantha Sinthu Devi B.Sc., M.A.,
Assistant Superintendent of Post Offices,
Thoothukudi Division.

Topic of the event : Building career development in IT industry.

No. of participants : 65

Outcome of the programme :

- The students acquired proficiency in PYTHON and SQL languages through hands-on-training in our laboratory.
- They also came to know about the various employment opportunities in IT sectors.

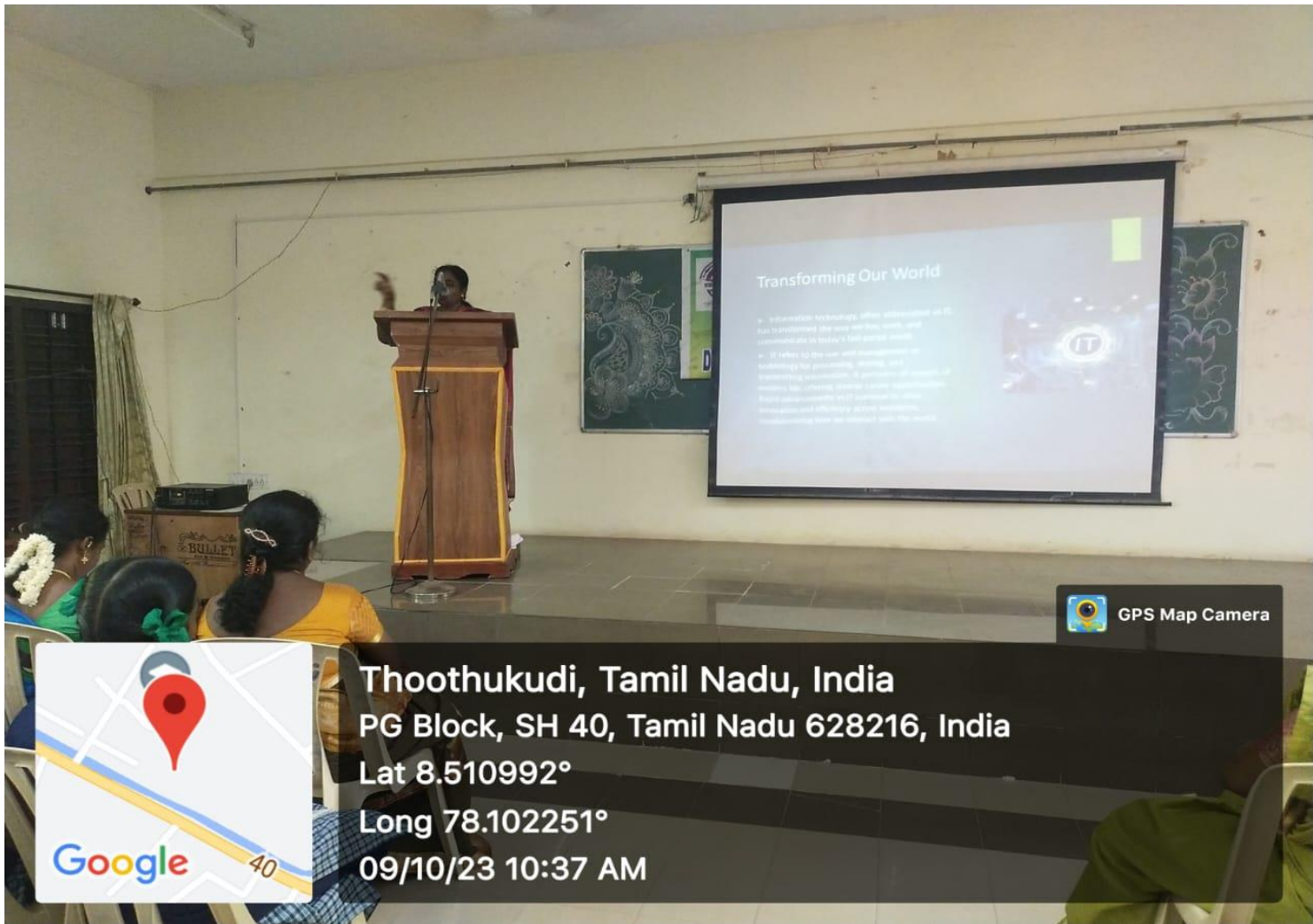

11.10.2023
Staff in charge


11/10/2023
Head of the department

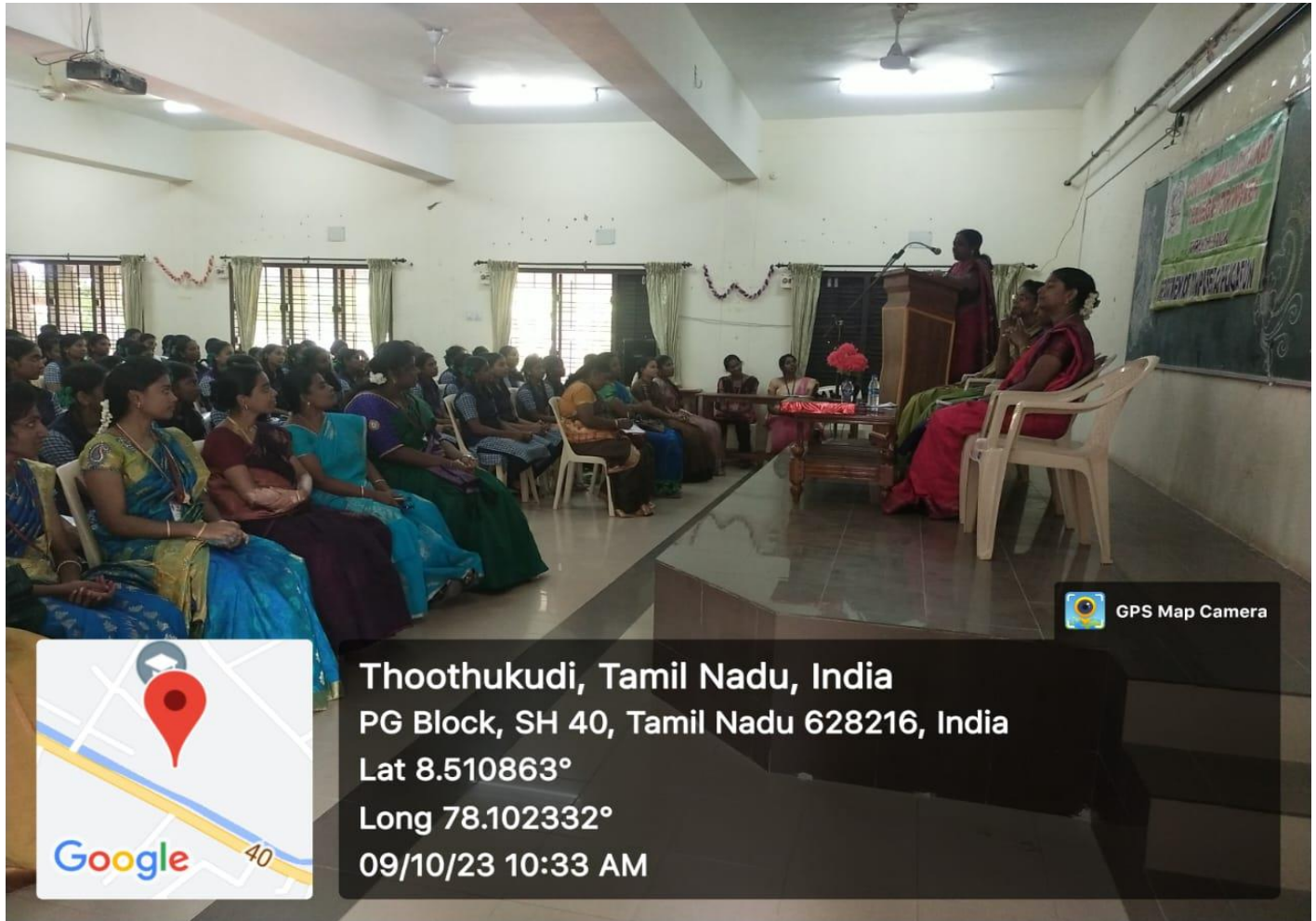

11/10/2023
Principal



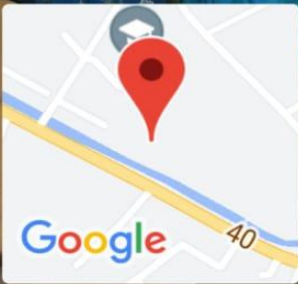
Thoothukudi, Tamil Nadu, India
PG Block, SH 40, Tamil Nadu 628216, India
Lat 8.511008°
Long 78.102234°
09/10/23 10:31 AM



Thoothukudi, Tamil Nadu, India
PG Block, SH 40, Tamil Nadu 628216, India
Lat 8.510992°
Long 78.102251°
09/10/23 10:37 AM



GPS Map Camera



Thoothukudi, Tamil Nadu, India
PG Block, SH 40, Tamil Nadu 628216, India
Lat 8.510863°
Long 78.102332°
09/10/23 10:33 AM

Govindammal Aditanar College for Women



Tiruchendur - 628215



Computer Application Association

ORGANIZES



PAPER PRESENTATION COMPETITION

DATE 11-10-2023

TIME :1.30PM - 3.30 PM

Committee Members
Mrs.M.Babila Revathy
Mrs.J.Indumathi

Mrs.J.Uthrakumari
Organizing Secretary

Dr.S.Anitha
Convener

Dr.P.Jeyanthi
Principal

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENT OF COMPUTER APPLICATION

Report of the Programme

- Name of the programme** : Paper Presentation
- Venue** : PG Seminar Hall
- Date** : 11.10.2023
- Brief objective of the programme** :
 - To enhance the presentation skill of the students
 - To give an exposure to the advanced technologies in IT-field.
- No. of participants** : 140
- Details of the prize winners** :
I Place - Renuka.S and Muthu saranya.M - III BCA
II Place - Jimla.M and Ponprathiba.P - III BCA
III Place - Bhuvaneshwari.G and Vijaya Lakshmi I - III & I B.C.A
III Place - Swapna.M and Muthu Gopika.S - II BCA
- Outcome of the programme** :
 - The programme provided an opportunity for the students to develop their presentation skill without stage fear.
 - The competition enhanced the creativity and confidence level of the students

J. Ethirab
16/10/2023
Staff in charge

16/10/2023
Head of the department



Govindammal Aditanar College for Women

Tiruchendur - 628215

Department of Computer Application

Association Meeting

Emerging Developments in Computing Technology

Resource Person

**Mrs. K.Nesa Agnes Bellinta, M.C.A., M.Phil.,
Head & Assistant Professor,
Department of Computer Science,
Wavoo Wajeeha Women's College of Arts
and Science, Kayalpatnam.**

**Date :05.02.2024
Time :11.00AM**

Committee Members

**Mrs.M.Babila Revathy
Mrs.J.Indumathi**

Organizing Secretary

Mrs.J.Uthrakumari

Convener

Dr.S.Anitha

Principal

Dr.P.Jeyanthi



GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENT OF COMPUTER APPLICATION

Report of the programme

Name of the programme	: Guest Lecture
Venue	: PG Seminar hall
Date	: 05.02.2024
Brief objective of the programme	: <ul style="list-style-type: none">• To provide an overview of the objectives and goals of the data mining program.• To foster a collaborative learning environment where students get ideas on areas of further exploration.
Name of the chief guest with designation	: Mrs. K. Nesa Agnes Bellinta, M.C.A., M.Phil., Assistant Professor and Head, Department of Computer Science, Wavoo Wajeeha Women's College of Arts and Science, Kayalpatnam.
Topic of the lecture	: Emerging Developments in Computing Technology
No. of participants	: 140
Outcome of the programme	: <ul style="list-style-type: none">• The students gained a deeper understanding of data mining process and its applications in real – world contexts.• They also developed critical thinking skills and analytical abilities essential for working with data in diverse fields.


12/2/2024
Staff in charge

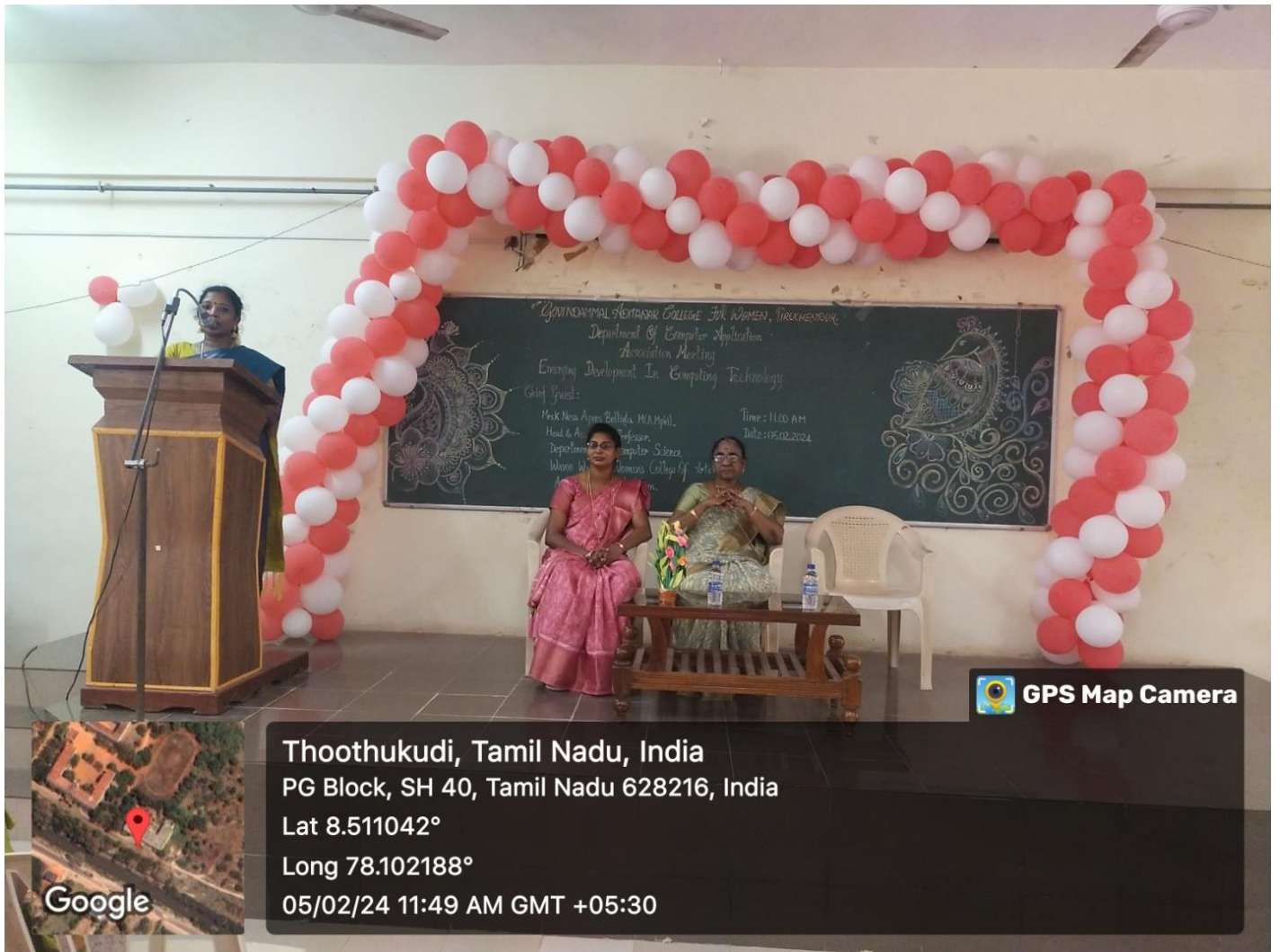

12/2/2024
Head of the department




GPS Map Camera

Thoothukudi, Tamil Nadu, India
PG Block, SH 40, Tamil Nadu 628216, India
Lat 8.511067°
Long 78.102185°
05/02/24 11:44 AM GMT +05:30





 GPS Map Camera

Thoothukudi, Tamil Nadu, India
PG Block, SH 40, Tamil Nadu 628216, India
Lat 8.511042°
Long 78.102188°
05/02/24 11:49 AM GMT +05:30





What is Data Mining?
Introduction to Data Mining
Key Objectives of Data Mining
The Data Mining Process
Data Mining Techniques
Benefits & Challenges of Data Mining
Data Mining Applications
Data Science

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENT OF COMPUTER APPLICATION

Report of the programme


- Name of the programme** : TANCET Model Examination 2024
- Venue** : Room no. 13
- Date** : 11.03.2024
- Brief objective of the programme** :
 - To train the student for getting admission into MBA, MCA, etc.
 - To give an insight into the syllabus for TANCET examination.
- No. of participants** : 44
- Details of the prize winners** : **I Place** – P. Pon Prathiba
II Place – T. Lily Saraswathy
III Place – M. Jimla & T. Vijya Thrashini
- Outcome of the programme** :
 - The students acquired ideas about the pattern of TANCET examination through this model test.
 - It boosted up the confidence level of them who wish to pursue their higher education.

J. Chelab
15/03/2024
Staff in charge

J. Chelab
15/3/2024
Head of the Department



Thoothukudi, Tamil Nadu, India
PG Block, SH 40, Tamil Nadu 628216, India
Lat 8.510813°
Long 78.102376°
11/03/24 03:56 PM GMT +05:30

 GPS Map Camera

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENT OF COMPUTER APPLICATION

Report of the programme

Name of the programme : Model interview

Venue : Room no. 13

Date : 14.03.2024

Brief objective of the programme :

- To train the students to face the interview boldly.
- To evaluate the subject and general knowledge of the students.

Name of the interviewers with designation : **Panel I:**
i. Dr. G. Sutha,
Assistant Professor of Mathematics.
ii. Mrs. M. Babila Revathy,
Assistant Professor of Computer Application.

Panel II:
i. Dr. S. Shymala,
Assistant Professor of English.
ii. Mrs. J. Indumathi,
Assistant Professor of Computer Application.

No. of participants : 45

Outcome of the programme :

- The proficiency of the students in soft and hard skills were evaluated.
- The model interview provided a valuable platform for the students to face the interview boldly.

J. Chhab
18/3/2024
Staff in charge

J. Chhab
18/3/2024
Head of the department







**INTERCOLLEGIATE
LEVEL
PARTICIPATIONS
(2023 – 2024)**



HOLY CROSS HOME SCIENCE COLLEGE

(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

Department of Computer Science



ORGANIZES

ONE-DAY WORKSHOP ON

Greenfoot



Resource Person

Dr. P. Johnson Durairaj

Director

Postulate Infotech Pvt Ltd, Thoothukudi

Registration Fees

Rs.200/-

(Gpay no:9159192527)



14th July, 2023

9.00 a.m



Conference Hall



REGISTER NOW

<https://forms.gle/y2etii5qXTRAXWvC7>

Convenor

Mrs.R.Waheetha

Head, Dept of CS

Patron

Rev.Dr.Sr. M.S. Rubha

Principal

Organizing Committee

Mrs.X.Della

Dr.N.N.Krishna Veni

Sr.J.Michael Antony Sylvia

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENT OF COMPUTER APPLICATION

Report of the programme

Name of the programme : One day workshop on "GREENFOOT"

Level : State Level

Name of the organizing Institution : Holy Cross Home Science College,
Thoothukudi.

Date : 14.07.2023

No. of Participants : 10

Name of the students Participated :

1. S. Renuga (III B.C.A.)
2. M. Muthusaranya (III B.C.A.)
3. M. Jimla (III B.C.A.)
4. P. Ponprathiba (III B.C.A.)
5. G. Bhuvaneshwari (III B.C.A.)
6. P. Suruthika (III B.C.A.)
7. S. Jeyabharathi (III B.C.A.)
8. M. Madathi (III B.C.A.)
9. M. Maha Sri (III B.C.A.)
10. K. Shobana Malathi (III B.C.A.)

J. Uthab
21/7/2023
Staff in charge

J. Uthab
21/7/2023
Head of the department

HOLY CROSS HOME SCIENCE COLLEGE

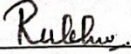
Affiliated to Manonmaniam Sundaranar University, Tirunelveli

Thoothukudi. Tamil Nadu. India

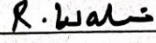


CERTIFICATE OF PARTICIPATION

This is to certify that P. PONPRATHIBA
GOVINDAMMAL ADITANAR COLLEGE TIRUCHENDUR **has participated**
in the One-Day Workshop on "GREENFOOT" organized by
the Department of Computer Science on 14th July, 2023


Dr. Sr. M. S. Rubha
Principal


Dr. P. Johnson Durairaj
Director
Postulate Info Tech Pvt. Ltd, Thoothukudi


Mrs. R. Waheetha
Head of the Department



HOLY CROSS HOME SCIENCE COLLEGE

Affiliated to Manonmaniam Sundaranar University, Tirunelveli

Thoothukudi, Tamil Nadu, India



CERTIFICATE OF PARTICIPATION

This is to certify that M. MUTHUSARANYA

GOVINDAMMAL ADITANAR COLLEGE TIRUCHENDUR has participated
in the One-Day Workshop on "GREENFOOT" organized by
the Department of Computer Science on 14th July, 2023

Dr. Sr. M. S. Rubha
Principal

Dr. P. Johnson Durairaj
Director
Postulate Info Tech Pvt. Ltd, Thoothukudi

Mrs. R. Waheetha
Head of the Department



HOLY CROSS HOME SCIENCE COLLEGE

Affiliated to Manonmaniam Sundaranar University, Tirunelveli

Thoothukudi. Tamil Nadu. India



CERTIFICATE OF PARTICIPATION

This is to certify that M. JIMLA

GOVINDAMMAI ADITANAR COLLEGE TIRUCHENDUR has participated
in the One-Day Workshop on "GREENFOOT" organized by
the Department of Computer Science on 14th July, 2023

Dr.Sr.M.S.Rubha
Principal

Dr. P. Johnson Durairaj
Director
Postulate Info Tech Pvt. Ltd, Thoothukudi

R. Waheetha
Mrs.R.Waheetha
Head of the Department



HOLY CROSS HOME SCIENCE COLLEGE

Affiliated to Manonmaniam Sundaranar University, Tirunelveli

Thoothukudi. Tamil Nadu. India



CERTIFICATE OF PARTICIPATION

This is to certify that S. RENUKA

GOVINDAMMAL ADITANAR COLLEGE TIRUCHENDUR has participated
in the One-Day Workshop on "GREENFOOT" organized by
the Department of Computer Science on 14th July, 2023

Dr. Sr. M. S. Rubha
Principal

Dr. P. Johnson Durairaj
Director
Postulate Info Tech Pvt. Ltd, Thoothukudi

Mrs. R. Waheetha
Head of the Department



4th INTERNATIONAL CONFERENCE on INNOVATIVE COMPUTATIONAL INTELLIGENCE & COMMUNICATION 2024 (ICICIC'24)

05th April 2024

Organized by

Department of Artificial Intelligence & Data Science
&
Department of MCA
Francis Xavier Engineering College

In Association with

Institution's Innovation Council & AIP Conference



SCOPE OF PAPER

- ARTIFICIAL INTELLIGENCE
- BIG DATA ANALYTICS
- BIOMEDICAL & BIO-INFORMATICS
- BUSINESS INTELLIGENCE
- CLOUD COMPUTING
- COMPUTATIONAL INTELLIGENCE
- COMPUTER NETWORK
- OPERATION RESEARCH
- CRYPTOGRAPHY & DATA SECURITY
- DATA MINING
- DEEP LEARNING
- DISTRIBUTED N/W SECURITY
- IMAGE & VIDEO PROCESSING
- INFORMATION SECURITY
- INFORMATION TECHNOLOGY
- MACHINE LEARNING
- MOBILE COMPUTING
- MODELING & EXPERT SYSTEMS
- NATURAL LANGUAGE PROCESSING
- WIRELESS COMMUNICATIONS

CALL FOR PAPERS

The authors are invited to send their papers in AIP Conference Proceedings format.

This is available from
<https://aip.citation.org/apc/authors/download>

Papers may be sent as MS Word document
Via e-mail directly to:
icicic24@francisxavier.ac.in
that their papers will be presented at the conference.

PUBLICATIONS

Papers Will be Published in AIP Conference Proceedings.



CHIEF PATRONS

Dr. S. CLETUS BABU

Chairman, SCAD Group of Institutions

Dr. J.X. AMALI CLETUS BABU

Vice-Chairperson, SCAD Group of Institutions

Mr. C. ARUN BABU

Managing Director, SCAD Group of Institutions

Mrs. Augusti Marys Priyadharshini

Correspondent, Scad Group of Institutions

PATRONS

Dr. K. JEYAKUMAR

Professor & General Manager Development,
SCAD Group of Institutions

Mr. K. KRISHNA KUMAR

General Manager Administration,
SCAD Group of Institutions

Dr. V. VELMURUGAN

Principal, Francis Xavier Engineering College

CONVENORS

Dr. A. ANITHA

HOD / AI & DS Department

Mrs. D. ANGELINE RANJITHAMANI

HOD / MCA Department

CO-CONVENORS

Mrs. S. Poornam

Assistant Professor / AI & DS Department

Ms. K. Dhamayanthi

Assistant Professor / MCA Department

FOR FURTHER DETAILS CONTACT

Mrs. D. Angeline Ranjithamani

HOD/MCA Department
Francis Xavier Engineering College
Tirunelveli - 627002

+91 95 971 667 92
+91 99 430 777 00

mcaboo@francisxavier.ac.in
www.francisxavier.ac.in

ABOUT THE COLLEGE

Francis Xavier Engineering College Was Established in the year 2000 with the vision to empower budding engineers in technical and entrepreneurial training and to contribute to the socio-economic augmentation of the nation. The College is located the heart of the city of Tirunelveli heralded worldwide as the Oxford of South India, and is well connected by Road, Rail and Air. Recognising the fast that Curricular and co- curricular programs form an integral part of the curriculum to help students have commanding incorporation of theory and practical knowledge. Each individual is motivated to increase the gravity of responsibility and be committed to serve the nation.

ABOUT CONFERENCE

International Conference on Innovative Computational Intelligence & Communication (ICICIC'24) aims to bring together leading academicians, researchers and research scholars from India and abroad to share and exchange their research experiences and contributions on all aspects of Computational Intelligence & Communication incorporating innovation strategies. It also provides a premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, concerns, practical challenges encountered and the solutions adopted in the field of Computational Intelligence. This conference aimed to expand its coverage in the areas of Computational Intelligence with Innovation, where talks by experts and presentation by researches will be incorporated in every session of this meeting to keep up the spirit of enthusiasm.

WHOCANATTEND

UG - students, P.G. students, Research Scholars, Faculty of Engineering/ S&H/ Polytechnic, Industrial delegates. *Online presentation can be allowed for other state participants (condition applied).

KEYNOTE SPEAKERS

Prof. Gautam Srivastava

Professor (Math and Computer Science)
Brandon University: Brandon, Manitoba, CA

Prof. Ezendu Ariwa

University of Wales Trinity Saint David, UK
University of Management and Technology,
Sierra Leone

ADVISORY COMMITTEE

Dr. Praphula Jain

Indian Institute of Technology (Indian School of Mines),
Dhanbad, JH, INDIA
Professor, GLA University, Mathura, UP

Dr. C. Callins Christiyana

Professor, Dept. of CSE
SRM College for Engineering & Technology

Dr. G. Raja Kumar

Professor, Dept. of ECE
Francis Xavier Engineering College

Dr. S. Selvakani

Professor, Dept. of CS
Thiruvalluvar University, College of Arts & Science

Dr. S. Princy Suganthi Bai

Professor, Dept. of CS
Hindustan Institute of Technology and Science,
Kancheepuram

Dr. D. Louisa Mary

Professor, Dept. of CS
Saddakathullah Appa College

DATES TO REMEMBER

Last date for Paper Submission - 25th March, 2024

Last date for submission of camera-ready paper - 28th March, 2024

Last date for Registration - 30th March, 2024

REGISTRATION

Registration is mandatory for atleast one author of an accepted paper in order to appear for the representation of the proceedings to be included in the Technical Presentation through Online.

Category	INR	USD
Students (PG)	₹ 1000/-	\$12
Faculty & Research Scholars	₹ 1500/-	\$18
Delegates from Foreign	₹ 3000/-	\$37
Publication Charges (Scopus)	₹ 9000/-	\$109

<https://forms.gle/HxMTRMr8vV4VWKnY6>

CLICK HERE

to Connect with us



REGISTRATION FEE IS TO BE PAID THROUGH ONLINE

ACCOUNT DETAILS

Account Name : MCA Department Association

Account No. : 2952101011436

IFSC Code : CNRB0002952

Canara Bank, Vannarpettai, Tirunelveli

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENT OF COMPUTER APPLICATION

Report of the programme

Name of the programme : One day conference on “Innovative Computational Intelligence & Communication”

Level : International

Name of the organizing Institution : Francis Xavier Engineering College, Tirunelveli.

Date : 05.04.2024

No. of participants : 3

Name of the students participated : 1. V. Varshini (I B.C.A.)
2. K. Ambigaisri (I B.C.A.)
3. M. Rakshana (I B.C.A.)


8/4/2024
Staff in charge


8/4/2024
Head of the department



**FRANCIS XAVIER
ENGINEERING COLLEGE**
AN AUTONOMOUS INSTITUTION

ACCREDITED by NBA | DST-FIST Supported Institution
Varanasi, Tamil Nadu

Certificate OF PARTICIPATION



INSTITUTION'S
INNOVATION
COUNCIL
Supporting WIS Innovation



AIP

Department of MCA and Department of AI & DS

This is to certify that

V. Varshini, K. Ambigaishni, M. Rakshana, B.E. Dept, Grovindammal
Aditanar College for Women

has Presented a Paper Titled Operation Research

in the 4th International Conference "Innovative Computational Intelligence & Communication (ICICIC'24)" Jointly Organized by the Department of MCA & Department of AI & DS in association with Institution's Innovation Council & AIP Conference on 05th April 2024.

Mrs. D. Angeline Ranjithamani
Convenor MCA

Mrs. A. Anitha
Convenor AI & DS

Dr. V. Velmurugan
Principal