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Regional Seminar on Introduction to Capital Market - An Investors Awareness Programme

14-07-2023

Internal Quality Assurance Cell (IQAC), St. Thomas College (Autonomous), Thrissur in Association with: Securities and Exchange Board of India (SEBI), National Stock Exchange (NSE), and National Securities Depository Limited (NSDL) organized an Investors Awareness Programme. The objective of the programme was to create awareness among faculty members and professionals about the capital market and its various aspects, promoting informed investment decisions. Resource Persons included E. Ilango, Assistant General Manager, SEBI; Anand Sheyon, Chief Manager, NSE and Supratim Mitra, Assistant Vice President, NSDL. The seminar highlighted an introduction to capital market and its significance; overview of SEBI, NSE, and NSDL roles and responsibilities; investment opportunities and risk management strategies; best practices for informed investment decisions. The programme enhanced understanding of capital market concepts and regulations; increased awareness of investment opportunities and risks; improved knowledge of SEBI, NSE, and NSDL functions and strengthened capacity for informed investment decisions. 90 participants including faculty members from various departments and colleges and professionals from finance and related fields attended the programme.

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ST. THOMAS COLLEGE (AUTONOMOUS), THRISSUR
Internal Quality Assurance Cell

Organising Regional Seminar on

Introduction to Capital Market
An Investors Awareness Programme

E. ILANGO
Asst. General Manager, SEBI

ANAND SHEYON
Chief Manager, NSE

SUPRATIM MITRA
Asst. Vice President, NSDL

VENUE

Menachery Hall

Friday
14 JULY 2023

Time
03.00 pm

Rev.Dr. Martin K.A
Principal

Dr. Divya George
IQAC Coordinator

Mestin P.C
Event Coordinator

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Mr. Anand Sheyon, Chief Manager, NSE addressing the participants during the regional Seminar on Introduction to Capital Market - An Investors Awareness Programme

Principal
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KANAL FEST-23

21-07-2023

Women's Cell of St. Thomas College (Autonomous), Thrissur, in collaboration with District Women and Child Development Office-Thrissur conducted Kanal Fest-23 under the Mission Shakti programme on 21 July, 2023 from 1 pm to 3 pm. Over 70 undergraduate students of various departments attended the programme. Ms. Meera P, District Women and Child Development Officer, welcomed the audience to the programme. Rev. Dr. Matrin K A, Principal, St. Thomas College delivered the presidential address. Ms. Saritha Raveendran, Secretary, District Legal Services Authority & Sub Judge inaugurated the event. Ms Prathibha P K, Ms Shiji P B, Ms Sheeja I A, Self-defence trainers & Senior Civil Police Officers demonstrated self-defense mechanisms to UG students. The final session was a Role Play on Women Empowerment coordinated and enacted by our UG students – Ms. Krishna, Ms. Punya, Ms. Varsha and Mr. Praveen. The programme concluded with the vote of thanks being delivered by Mr. Vincent P D, the District Mission Coordinator of Mission Shakti. The objective of the programme was to empower undergraduate students with essential self-defense skills and knowledge, enhancing their personal safety and confidence. Ms Christeena T Jose, Assistant Professor, Department of English and Convenor of Women's Cell was the faculty coordinator for the event. Through this programme UG students were equipped with practical self-defense skills and knowledge. It also enhanced awareness of personal safety and security measures. Additionally, it boosted the confidence and self-esteem among students.

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Ms Saritha Raveendran, Secretary, District Legal Services Authority & Sub Judge inaugurating Kanal Fest- 2023.
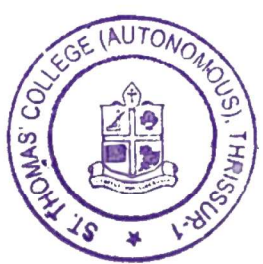
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Sensors Based IoT and Its Innovative Applications.

01-08-2023

A workshop on Sensors Based IoT and Its Innovative Applications was organized by Department of Computer Applications and Department of Electronics on 1st of August 2023 at 9:30 am at Thoomkuzhi Hall in association with IEDC and IIC. The Chief Guest was Mr. Jomon Johnny (IT Manager, Valorem Reply, Smart city, Kochi). The objective of the programme was to attain a basic knowledge on Sensor based IoT Applications and its relevance in the current Generation. The event was officially launched by Vice Principal Mr. E.D. John after a welcoming address by Mr. Shailendran Sir, Head of the Electronics Department. After the formal event, Mr. Jomon Johny (IT Manager, Valorem Reply, Smart City, Kochi) provided the students with a wealth of experience and information. The presentation from 10 am to 12:30 pm provided an in-depth explanation of the Internet of Things (IoT) and its practical applications, as well as insight into the role that sensors play in daily life. He discussed cyber security, precautions to be done to avoid hacking, Phishing, etc., and he related about similar crises he had experienced in his own life. The session came to a close with a vote of gratitude from Ms. Jisha K, Staff Coordinator (Computer Application Department). 46 students participated in the workshop.

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Mr. Shailendran V (Head of the Department, Electronics) welcoming the participants to the workshop on 'Sensors Based IoT and Its Innovative Applications'.

Vice Principal Dr. E. D. John inaugurating the workshop on 'Sensors Based IoT and Its Innovative Applications'.
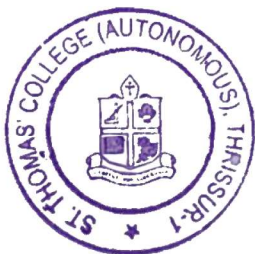
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Hands-on Workshop on "Data Analytics and Visualization using Python for Research and Innovation"

21-08-2023

Institutional Innovation Council (IIC), Innovation and Entrepreneurship Development Centre (IEDC) and Department of Computer Science jointly organized a Hands-on Workshop on "Data Analytics and Visualization using Python for Research and Innovation" on 21st August 2023 at Kaviprathiba Hall, St. Thomas College (Autonomous) Thrissur. The session began with a prayer by Ms. Gopika K. The event was inaugurated by Dr. Martin K A, Principal, St. Thomas College, Thrissur. Ms. Rameela Ravindran K., the convener of the event, welcomed the gathering and introduced the resource person of the day Ms. Panchami V. U. Assistant Professor, Govt. Engineering College, Sree Krishna Puram, to the audience. There were 145 participants including students and faculty members from departments of Computer Science, Mathematics, Statistics and Computer Applications. The session included a practical training program aimed at equipping participants with essential skills in data analysis and visualization. The participants learned how to leverage powerful Python libraries such as Pandas, Seaborn, and Matplotlib to analyze and visualize data effectively. Ms. Panchami explained how to use Pandas to manipulate and explore datasets, like the classic Iris dataset, by performing tasks like filtering, grouping, and summarizing data. Additionally, participants discovered how to create informative and visually appealing plots and charts using Seaborn, making it easier to uncover patterns and insights within the data.

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INSTITUTION'S INNOVATION COUNCIL

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE

DEPARTMENT OF COMPUTER SCIENCE
INNOVATION AND ENTERPRENEURSHIP DEVELOPMENT CENTER
&
INSTITUTION'S INNOVATION COUNCIL

jointly organizes a hands-on session on

DATA ANALYTICS AND VISULAIZATION USING PYTHON FOR RESEARCH AND INNOVATION

21 August 2023
1:00 p.m.
Kaviprathibha Hall

Ms. PANCHAMI V. U.
ASSISTANT PROFESSOR
Computer Science& Engineering
(CEC Palakkad, Sreekrishnapuram)

Rev. Dr. Martin K. A.
Principal in charge

Ms. Rameela Ravindran K.
HOD
Department of Computer Science

Dr. Johns Naduvath
President - IIC
IEDC Nodal Officer

Ms. Maidhili Mohan K.
Program Coordinator
Department of Computer Science

Program Schedule:

Prayer — Ms. Gopika K.
Welcome speech — Ms. Rameela Ravindran K.
(Department of Computer Science)

Inaugural address — Dr. Martin K. A.
(Principal in charge)

Keynote address — Ms. Panchami V. U.
Vote of thanks — Dr. Johnpaul C. I.

Organizing Committee

Dr. Martin K. A. (Principal in charge)
Fr. Biju Panengadan (Executive Manager)
Dr. Anil George K. (Vice Principal)
Dr. Johns Naduvath (IEDC)
Ms. Sindhu George (IEDC)
Dr. Jiju A. Mathew
Ms. Rameela Ravindran K.
Dr. Sunil Sunny C.
Dr. Johnpaul C.I.
Mr. Sijo Jose
Ms. Roshni Varghese
Ms. Maidhili Mohan K.
Ms. Dhanya Anto

Ms. Sneha Mariya
Student Coordinator

Mr. Joyal Sojan
Technical Coordinator

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The resource person Ms. Panchami V. U. Assistant Professor, Govt. Engineering College, engaging the audience during the workshop (top). Participants practicing Python libraries to analyze and visualize data (bottom).

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International Seminar on Artificial Intelligence and Machine Learning
25-08-2023

An International Seminar on Artificial Intelligence and Machine Learning was organized by Internal Quality Assurance Cell (IQAC), St. Thomas College (Autonomous), Thrissur in association with: University of Huddersfield, UK, and Santa Monica Pvt Ltd. The objective was to provide a platform for students, faculty, and industry professionals to explore the latest advancements and applications of Artificial Intelligence (AI) and Machine Learning (ML). Dr. Divya George (IQAC Coordinator) welcomed the participants and Rev. Dr. Martin K A (Principal) delivered the presidential Address. The program was inaugurated by Dr. Isa Inwa-Dutse (Lecturer, University of Huddersfield, UK). Mr. Shine Antony (Country Head, Corporate Strategy and New Initiatives, Santa Monica Pvt Ltd) and Ms. Shobhita Thomas (Project Manager, Santa Monica Study Abroad Pvt Ltd) felicitated the meeting. Dr. Isa Inwa-Dutse provided insights into the latest advancements in AI and ML; understanding of the applications and implications of AI and ML in various industries; opportunities for collaboration and knowledge sharing between academia and industry. The programme concluded with vote of thanks by Dr. Jency Thomas (Assistant Professor in Chemistry). The seminar enhanced understanding of AI and ML concepts among participants; increased awareness of the potential applications and benefits of AI and ML; strengthened ties between St. Thomas College and University of Huddersfield, UK. Participants included students from various departments; faculty members from St. Thomas College and other institutions; industry professionals from Santa Monica Pvt Ltd and other organizations.

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ST. THOMAS COLLEGE (AUTONOMOUS),
THRISSUR
Internal Quality Assurance Cell

Organising
International Seminar

Artificial Intelligence and Machine Learning

Dr. ISA INWA-DUTSE
Lecturer, Department of Computer Science,
University of Huddersfield, UK.

VENUE

Menachery Hall

Friday
25 AUGUST 2023

Time
03.00 pm

Rev.Dr. Martin K.A.
Principal

Dr. Divya George
IQAC Coordinator

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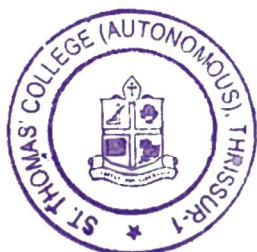
Dr. Divya George (IQAC Coordinator) welcoming the participants for the International Seminar on Artificial Intelligence and Machine Learning.

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Resource person, Dr. Isa Inwa-Dutse from University of Huddersfield, UK providing insights into the latest advancements in AI and ML.

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CPR Training

12-09-2023 & 13-09-2023

Internal Quality Assurance Cell, NCC and NSS of St. Thomas College (Autonomous), Thrissur collaborated with Heart Care Foundation, Kochi to provide free CPR training to the entire second year undergraduate student community of the college. The training was held on 12th and 13th of September, 2023. It consisted of five theory sessions on the Concept of CPR, a self-evaluative pen and paper objective type test and practical training on AI enabled mannequins (TOFU). Each student was given a 2-minute hands on session on the mannequin which provided real time feedback about the quality of compressions through a simple app. 904 persons including students, teachers and non-teaching staff were CPR trained. Heart Care Foundation (HCF), Kochi has conducted many awareness events across the state and has just initiated their activities in Thrissur district. "Education is what remains after you have forgotten everything else you have learnt" said Ms. Limi Rose Tom COO of HCF. She lauded St. Thomas College for pioneering such a mass CPR literacy campaign which no other Kerala or maybe India has forayed into. Dr. Geevar Zachariah, Head of Cardiology Department at Thrissur Mother Hospital, Dr PP Mohanan Head of Cardiology Department at Thrissur Westfort Hospital both renowned cardiologists and Sri Kiran NM, Director of Basic responders and his team handled the sessions. Rev. Dr. Martin, Principal emphasized that students should be upskilled not only in academics and for employment but towards good and responsible citizenship. Dr. Divya George IQAC coordinator, Dr. Joyce Jose General Programme Coordinator, Dr. Sabu AS NCC Officer, Dr. Vimala K John and Dr Joby Paul NSS officers mobilized an efficient team of teacher and student volunteers to ensure the smooth conduct of the training sessions without disrupting the routine work in the college.

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ST. THOMAS COLLEGE (AUTONOMOUS), THRISSUR
INTERNAL QUALITY ASSURANCE CELL
&
NSS, NCC
IN ASSOCIATION WITH
HEART CARE FOUNDATION , KOCHI

HEART CARE FOUNDATION

CPR TRAINING

PROGRAMME
FOR ALL SECOND YEAR UG STUDENTS ON 12 & 13 OF SEPTEMBER, 2023.

DAY 1
12-09-2023-VENUES: KAVIPRATHIBHA HALL, MENACHERY HALL AND MEDLYCOTT HALL; TRAINING AT ROOM NUMBER 18

DAY 2
13-09-2023-VENUES: JUBILEE HALL, JUBILEE BLOCK

REV.DR. MARTIN K.A.
PRINCIPAL

DR. DIVYA GEORGE
IQAC - COORDINATOR

DR. JOBY PAUL
NSS-COORDINATOR

DR. JOYCE JOSE
GENERAL - COORDINATOR

DR. SABU A.S.
NCC - COORDINATOR

DR GEEVAR ZACHARIAH
CHIEF OF CARDIOLOGY, MOTHER HOSPITAL, THRISSUR
FORMER CONVENER PREVENTIVE COUNCIL, CARDIOLOGICAL SOCIETY OF INDIA

DR MOHANAN PP.
WESTFORT HOSPITAL, CHIEF OF CARDIOLOGY, PAST NATIONAL PRESIDENT OF CARDIOLOGICAL SOCIETY OF INDIA

KIRAN NM
DIRECTOR AND HEAD TRAINER OF BASIC RESPONDERS

Day 1: 12-09-2023
Introductory Sessions on CPR
Kaviprathibha Hall
09:10 am to 09: 50 am
For B.Sc. Math (Phy), B.Sc. Math (CS), B.Sc. Statistics and B.Sc. Botany
Host : Dr. Sr. Alphonsa Mathew
Speaker: Sri. Kiran NM

Kaviprathibha Hall
10: 05 am – 10: 40 am
For B.Sc. Computer Science, B.Sc. Chemistry, B.Sc. Zoology, B.Sc. Psychology
Speaker: Sri. Kiran NM

Menacherry Hall
09:10 am to 09: 50 am
For B.Com Finance and B.Com Banking (Aided)
Host: Dr. Divya George
Speaker: Dr Geevar Zachariah

Medlycott Hall
09:10 am to 09: 50 am
For BA English (Double Main), BA Economics
Host: Dr. Joyce Jose
Speaker: Dr. Mohanan PP

Day 2: 13-09-2023
Introductory Session on CPR
Jubilee Hall – Jubilee Block
09:00 am to 09:50 am
For BA Criminology & Police Science, BA English (SF), BA Multimedia, BVC, B.Sc. Electronics, B. Com Finance (SF), B. Com Taxation (SF), BCA, BBA, B Voc. Forensic Science., B Voc. Data Science
Host: Dr. E D John ; Speaker: Sri. Kiran NM

Day 1: 12 -09-2023: Practical Training Session
Room No 18 (Vazhapilly Hall)
Hosts: Dr. Sabu AS and Dr. Joby Paul

Time slot	Batch
11 am – 11.30 am	BA English
11.30-12.00 am	BA Economics
12.25 pm- 1.00 pm	BSc Chemistry
1.00 pm-1.30 pm	Math (Phy)
1.30 pm-2.00 pm	Math (CS)
2.pm-2.20 pm	Statistics
2.20 pm-2.40 pm	Botany
2.40 pm to 3.00 pm	Zoology
3.00 pm to 4.00 pm	B. Com (Finance) Aided & B. Com Banking (Aided)

Practical Training Session: Hosts Dr Sabu AS, Dr Joby Paul & Ms. Jisha K

Time slot	Batch
10.00- 10.25 am	Criminology & Police Science
10.25 am-10.45 am	English SF
10.45- 11.10 am	BA Multimedia and BVC
11.10-11.25 am	B.Sc. Electronics
11.25 am-12.00 pm	B.Com Finance (SF)
12.40 pm – 1 pm	B.Com Taxation (SF)
1.pm – 1.30 pm	B.Sc. Computer Science (Aided) and Psychology (Aided)
1.30- 1.45 pm	BCA
1.45- 2.15 pm	BBA
2.15- 2 .45 pm	B. Voc. Forensic Science
2.45-3.15	B.Voc. Data Science

Transforming the Youth through Holistic Education towards an Enlightened Society.

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12/09/23
Thrissur, Kerala, India

Representative from Heart Care Foundation, Kochi demonstrating CPR to second year B.Sc. Chemistry students during the training programme.

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Symposium on Learning City & Globelics-KSHEC-KEA-

International Lecture -7

18-10-2023

A Symposium on Learning City & Globelics-KSHEC-KEA-International Lecture - 7 was Jointly organised by the Department of Economics, Department of Social Work, Department of Statistics & Social Action Club of St. Thomas College (Autonomous) Thrissur on Wednesday, 18th October, 2023. Rev. Dr. Martin K A, Principal, delivered the presidential address. Dr. Joy Elamon, Director General of Kerala Institute of Local Administration (KILA) chaired the technical session of Dr. Rasmus Lema who delivered the Globelics-KSHEC-KEA-International Lecture-7 on 'Green Windows of Opportunity for Latecomer Development'. His lecture focused on the opportunities and constraints faced by less developed countries in their development path towards a greener world. His lecture also stressed the aspect of sustainability. Dr. Krishnan C V of Sreelakam Lifelong Learning Institute in his talk entitled 'Price of free food, in retrospect, is very high' emphasised the importance of sacrifice in the present for a better future. Dr. Ajith Kalityath, Urban Chair Professor with KILA, Thrissur delivered a talk on 'Creativity and Lifelong Learning in Thrissur'. He elaborated on the possibilities available for Thrissur to grow as a learning city. Mr. Akhil Kurien spoke about some of the initiatives proposed by their organisation, VCAN, for implementation in the context of UNESCO Learning City Thrissur by the Municipal Corporation.

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18/10/23
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Dr. Rasmus Lema delivering the lecture on 'Green Windows of Opportunity for Latecomer Development' during the symposium on Learning City & Globelics-KSHEC-KEA-International Lecture -7.
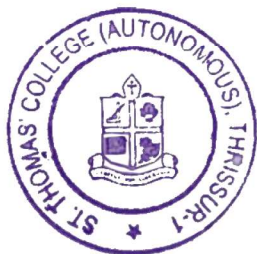
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VERITAS VOS LIBERABIT

Erudite Scholar in Residence Programme

1-11-2023

Erudite scholar in residence programme was organized by Department of Botany, St. Thomas College, Thrissur in association with Kerala State Higher Education Council, Department of Botany, University of Calicut and OSA, St. Thomas College, on 1st November 2023 at 11.00 am in Kaviprathibha Hall of the College. The resource person for the erudite lecture was Prof. Christine Helen Foyer, University of Birmingham, UK, who is a leading expert in plant metabolism and its regulation under optimal and stress conditions. She is the president elect of the Association of Applied Biologists, the general secretary of the Federation of European Societies of Plant Biologists, an elected board member of American Society of Plant Biologists and a member of the French Academy of Agriculture. She serves as editor –in-chief of the renowned journal 'Food and Energy Security'. Also holds the positions of senior editor of 'Plant, Cell and Environment Journal' and associate editor of other esteemed journals like 'Biochemical Journal', 'The Journal of Experimental Biology' and 'Physiologia Plantarum'. She discovered the ascorbate-glutathione cycle which is now known as Foyer-Halliwell-Asada Pathway. With over 615 research papers under her belt, she has a current H index of 96 and more than 88,000 citations. She has been included in the Thomson Reuters IP & science authoritative compilation of highly cited researchers for over 10 years and occupies the uppermost 1% position of most often referenced work in the respective field. Rev. Dr. Martin K A, Principal of the College, inaugurated the seminar and also delivered presidential address of the programme. The resource person of the seminar, Prof. Christine Helen Foyer, delivered an erudite lecture in the subject of plant physiology with special emphasize to stress physiology. The title of the lecture was 'Chloroplast ROS production and stress tolerance'. She made a detailed explanation on how ROS (Reactive Oxygen Species) affects plant metabolism and the role of LEA proteins in stress tolerance. Students and faculties from other departments of the college and also from other colleges participated in the programme. About 160 participants including teachers, post graduate students and research scholars participated in the seminar. The seminar provided vast and deep idea about the stress tolerance mechanisms shown by plants and also how it can be made useful in crop plants.

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ST. THOMAS COLLEGE (AUTONOMOUS), THRISSUR
RESEARCH & POSTGRADUATE DEPARTMENT OF BOTANY

In association with

Kerala State Higher Education Council

Department of Botany, University of Calicut

OSA
ST THOMAS COLLEGE
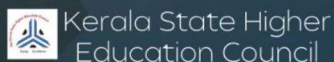
ERUDITE SCHOLAR IN RESIDENCE PROGRAMME

Speaker-
Prof. Christine Helen Foyer
University of Birmingham, UK

Christine Foyer is a leading expert in plant metabolism, particularly redox regulation and signalling. She is serving as the General Secretary of the Federation of European Societies of Plant Biologists (FESPB), the President-elect of the Association of Applied Biologists. She is an elected board member of the American Society of Plant Biologists, and a member of the French Academy of Agriculture. She serves as editor-in-chief of the renowned journal Food and Energy Security.

Welcome- **Rev Dr. Martin K. A,** Principal St. Thomas College, Thrissur

Inauguration- **Mar Tony Neelankavil,** Manager and Auxillary Bishop, Archdiocese of Thrissur

Vote of thanks- **Dr. Geethu Elizabath Thomas** (HOD Dept. of Botany)

🗓 1-11-2023

🕐 11 am

📍 Kaviprathibha Hall

Dr. Fr. Martin K. A (Principal St. Thomas College (Autonomous), Thrissur)
Dr. Geethu Elizabath Thomas (HOD Dept. of Botany)
Dr. Anto P. V (Convenor)

Coordination Committee: **Dr. Vimala Jose, Dr. M. T. Thomas, Dr. Joby Paul, Dr. Sandhya Vincent Neelamkavil** (Assistant Professors, Dept. of Botany), **Ms. Akshitha** (Assistant Professor on contract, Dept. of Botany)

ST. THOMAS COLLEGE (AUTONOMOUS)
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NIRF Ranking 2023: 57

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Lat 10.523358° Long 76.219168°
01/11/23
Thrissur, Kerala,India

Dr. Martin K A (Principal, St. Thomas College (Autonomous), Thrissur, Kerala) inaugurating the seminar and delivering the presidential address of the programme.

Principal
St. Thomas College (Autonomous)
Thrissur - 680 001

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Implementation of Four-Year Undergraduate Programme Syllabus Design
08-11-2023

District level programme on Implementation of Four-Year Undergraduate Programme Syllabus Design was conducted by Kerala State Higher Education Council in association with St. Thomas College (Autonomous), Thrissur on 8th of November 2023. The objective of the programme was to enhance faculty capabilities in outcome-based education and designing syllabi for the Four-Year Undergraduate Programme (FYUGP) aligned with NEP 2020. The programme was inaugurated by Prof. Rajan Gurukkal (Vice Chairman, KSHEC) and 138 faculty members from different colleges and departments participated in the programme. The session on FYUGP: Major Features and Context was handled by Dr. Shefeeque V. (Research Officer, KSHEC). Dr. Sudheendran K, Research officer on Special Duty from Kerala State Higher Education Reforms Implementation Cell, KSHEC, TVM handled the session on FYUGP: Curricular Framework -Structure Components and Pathways. Sessions on Structure of Foundation Courses; Frameworks and Regulations for FYUGP; Course Designing for FYUGP were handled by Dr. Uthara Soman, Dr. Tinchu P James and Dr. Manulal P Ram (Research Officers, KSHEC). The programme enhanced understanding of outcome-based education and familiarized the faculty members with FYUGP syllabus design principles.

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KERALA STATE HIGHER EDUCATION COUNCIL
Organises

District Level Orientation **Thrissur District**

FOUR YEAR UNDERGRADUATE PROGRAMME (FYUGP)

Hosted by
St. Thomas College (Autonomous), Thrissur

⏳ 10.00 am - 4.30 pm

📅 8th November 2023

📍 Kaviprathibha Hall,
St. Thomas College
(Autonomous), Thrissur

Inauguration

Prof. Rajan Gurukkal

SESSIONS

- FYUGP - Major Features and Context
- FYUGP- Curricular Framework - Structure
- Components and Pathways
- Structure of Foundation Courses
- Frameworks and Regulations for FYUGP
- Course Designing for FYUGP

Dr. Martin K.A.
Principal

Dr. Rajan Varughese
Member Secretary, KSHEC

Coordinators of the Programme
Dr. Sudheendran K. (Research Officer, KSHEC - 8943851820)
Dr. Divya George. (IQAC Coordinator, STC - 8590190001)

Participants:
Teachers in Charge of IQAC/FYUGP coordinators of Colleges in Thrissur District Only

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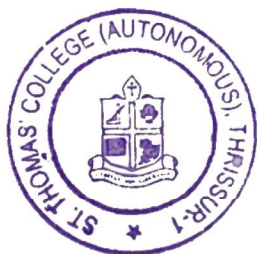
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Lat 10.522913° Long 76.219564°
08/11/23 10:15 AM

GPS Map Camera

Dr. Martin K A (Principal, St. Thomas College (Autonomous), Thrissur, Kerala) extending welcome to all the participants.

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Entrepreneurship and Skill Development in Terrarium Making

13-11-2023

An Entrepreneurship and Skill Development in Terrarium Making training programme was conducted for second year and third year B. Sc. Botany students to get training in economical production of terrarium by selecting the right containers, pots and media & develop skill in efficient multiplication and maintenance of decomposers, plantlets and potting mixtures. Dr. Vimala Jose, Assistant Professor, Department of Botany gave an introduction to the significance of opting terrarium making for entrepreneurship development. A demonstration on different types of terrarium preparation was given by the resource person Ms. Majusha U. The students were give group training to prepare different types of terrarium. An evaluation on the prepared closed and open systems of terrariums was conducted by the resource person. Students were given feedback about their artifacts and suggestions were given. Through the training programme the students developed skill in designing terrarium and recognized the importance of entrepreneurship development in terrarium making and marketing. The programme concluded with a vote of thanks by Mr. Tarun, Student co-ordinator.

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ST THOMAS COLLEGE (AUTONOMOUS),THRISSUR
RESEARCH DEPARTMENT OF BOTANY

In association with

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

TRAINING PROGRAMME FOR ENTREPRENEURSHIP AND SKILL DEVELOPMENT IN

TERRARIUM MAKING

ON 13TH NOVEMBER 2023
TIME: 2:00PM – 4:30PM
VENUE: BOTANY LAB

RESOURCE PERSON : Ms.MANJUSHA U
(Terrarium Artist)

Rev. DR. Martin K.A.
(Principal , St Thomas College)

Dr.Geethu Elizabath Thomas
(HOD , BOTANY)

Staff Co-ordinators
Dr. Vimala Jose
Dr. Johns Naduvath

Joint Co-ordinators

Dr. Anto P V , Dr. Thomas M T, Dr.Joby Paul
Dr.Sandhya Vincent Nelamkavil ,
Ms. Ashitha M R

Student Co-ordinator
Tharun

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Lat 10.523418°
Long 76.219119°
13/11/23 03:01 PM GMT +05:30

The resource person Ms. Majusha U giving a demonstration on different types of terrarium preparation.

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'Species The Passion- 9'

15-12-2023

The seminar 'Species The Passion 9' was organized by Department of Botany, St. Thomas College, Thrissur in association with Kerala State Council for Science, Technology and Environment (KSCSTE) on 15th December 2023 at 8.00 am in Kaviprathibha Hall of the College. Chief Guests included: 1.) Mr. Muralikrishna H, Chief technical officer, PME cell, ICAR-CPCRI, Kasargod 2.) Dr. K Kishore Kumar, Assistant Professor & Head, Dept. of Botany, Farook College, Kozhikode. The seminar started at 8.00 am with a welcome speech by Dr. Geethu Elizabath Thomas, Head, Department of Botany. Rev. Dr. Martin K A, Principal of the College, inaugurated the seminar and also delivered presidential address of the programme. Also, proceedings of the seminar 'Species The Passion- 8' was released. Mr. Muralikrishna H and Dr. K Kishore Kumar delivered keynote lectures on the topics 'Present trends in science communication' and 'Biodiversity of Shola Forests' respectively. Dr. Alfred Joe, Assistant Professor, Department of Botany, St. Joseph's College, Irinjalakuda delivered a lecture on the topic 'The fascinating world of bat flowers'. Ms. Smitha P S, Associate Professor, Department of Botany, Vimala College, Thrissur discussed about 'Morphological and histochemical characterization of Syzygium travancoricum Gamble'. Dr. Manu Philip, Assistant Professor, Department of Botany, St. Aloysius College, Elthuruth, Thrissur talked to the students on the topic 'Importance of the diversity of the family Cyanophyceae'. The seminar provided a vast idea about the area of research in Botany for undergraduate and post-graduate students of Botany. And they could familiarize new taxonomic findings and understand the relevance of biodiversity conservation.

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ST.THOMAS' COLLEGE (AUTONOMOUS), THRISSUR
RESEARCH AND POSTGRADUATE DEPARTMENT OF BOTANY

SPECIES THE PASSION 9
SEMINAR

Co-sponsored by
KSCSTE

15th December 2023
Time: 8.00 am
Venue: Kaviprathibha Hall

Dear Sir/Madam,

St.Thomas' College (Autonomous), Thrissur is the oldest Catholic college in Kerala established as an educational institution in 1889 and was raised to the rank of Second Grade College in 1919. The Department of Botany was started in 1951 with Natural Science as intermediate course and ever since its inception, the department has been initiated with a conservation oriented module of natural and environmental education. The department has decided to organise a one day seminar "Species the Passion 9" - Stories of New Species Discovery. The program is highlighted to create environmental awareness and the significance of biodiversity conservation leading to the discovery of new species to Postgraduate students and Researchers of Botany. The programme is scheduled on 15th December 2023 at Kaviprathibha Hall, St.Thomas' College (Autonomous), Thrissur. We invite all the botanists and nature enthusiasts to participate in the seminar to make it a grand success.

Rev. Dr. Martin K.A.
Principal

Dr. Geethu Elizabath Thomas
Head of the Department
Botany

Dr. Anto P.V.
Convenor

Advisory Committee
Dr. Vimala Jose
Dr. Thomas M. T.
Dr. Joby Paul
Dr. Sandhya Vincent Neelamkavil
Ms. Akshitha M. R.

Student Co-ordinator
Ms. Keerthana Nandakumar

Taxonomic Paper Presentations are invited
(Alage, Bryophytes, Pteridophytes, Gymnosperms & Angiosperms, Bacteria & Fungi)

Best Paper Presentation will be awarded with Memento & Certificate

Last date of Submission : 10th Dec 2023 of abstract

Selected papers will be published in a book with ISBN number(conditions to apply)

Send abstracts to : pvabotany71@gmail.com

Rev. Dr. Martin K A, Principal of the College, inaugurating the seminar 'Species The Passion- 8'.
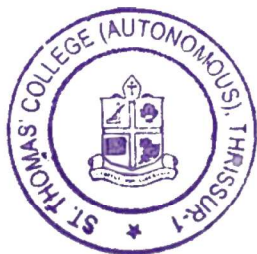
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Transformative Trends in Digital Technologies

23-01-24

Transformative Trends In Digital Technologies program was organized by Department of Physics St. Thomas College (Autonomous), Thrissur in association with Advanced Learners Mentoring Committee and Digital University of Kerala (DUK) Thiruvananthapuram. Dr. T.V. Vimalkumar, coordinator of the program welcomed all to the session. The objective of the program was to explore the latest advancements and trends in digital technologies and their applications, promoting student awareness and understanding. Dr. Martin K A, Principal inaugurated the program. The inaugural session was followed with discussion and interaction by the faculty team from Digital University consisting of Dr. Christy Thomas Cherian, Dr. Sooraj N P, Dr. Aswin V S and Dr. Shanujas with the students. The program enhanced understanding of transformative trends in digital technologies among students and increased awareness of the latest advancements and applications in the field. It also provided an opportunity for students to interact with experts and clarify doubts and strengthened collaboration between St. Thomas College and Digital University of Kerala (DUK).

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Faculty team from Digital University consisting of Dr. Christy Thomas Cherian and

Dr. Shanujas interacting with the students.
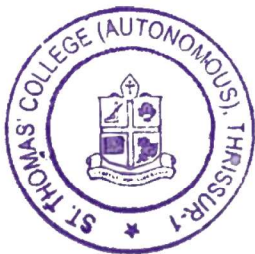
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Young Thrissur (YT '24): Festival of Words

23-01-2024 & 24-01-2024

The Department of English at St. Thomas College, Thrissur, in association with Malayalam Manorama, organized Young Thrissur (YT '24): Festival of Words on the 24th and 25th of January 2024. The festival featured open talks, conversations, and workshops aimed at young aspiring minds, focusing on literature, cinema, music, dance, and the manifestations of words. Various writers, artists, and media personnel, including Unni K. Warrier, Shruthi Sharanyam, R. Raj Rao, Vidyadharan Master, Sreekanth Murali, Anoop Sathyan, T. D Ramakrishnan, Shankar Ramakrishnan, Shaahina K. Rafeeq, Saritha Raveendranath, and Dalu Krishnadas, participated in the cultural event on the first day. The second day was graced by the presence of K. Rekha, Abin Joseph, Bipin Chandran, Volga, Kabani C., Sara Joseph, Smitha Girish, Shine Tom Chacko, Manasa Radhakrishnan, and Sravana T. N. Undergraduate, postgraduate, and PhD students primarily from colleges in Thrissur, Palakkad, Ernakulam, and Malappuram districts of Kerala were the main participants of the program. The festival was open to the public, and around 700 people (excluding college students) registered over the course of two days. Workshops on poetry writing, short story writing, and screenplay writing saw active participation from students with creative interests. In addition to literary events, an intercollegiate fashion show competition and music band competition were organised for college and university students.
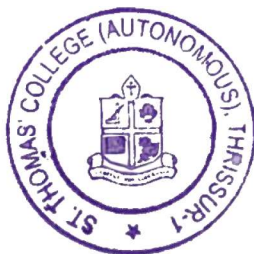
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Inaugural ceremony of Young Thrissur (YT '24): Festival of Words organized by the Department of English at St. Thomas College (Autonomous), Thrissur, in association with Malayalam Manorama.

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Two Day Workshop on "Git Craft: Mastering Open-Source Collaboration"
23-02-2024 & 24-02-2024

Two Day Workshop on "Git Craft: Mastering Open-Source Collaboration" was organized by Department of Data Science and FOSS Club in association with IEDC and IIC, St. Thomas College (Autonomous), Thrissur on 23.02.2024 & 24.02.2024. On Day 1, the workshop commenced with an inauguration session where Mr. Rejin Varghese, HOD & Assistant Professor of the Department of Data Science, extended a warm welcome to all participants. Dr. Fr. Finosh Keettika, Associate Bursar, inaugurated the workshop, emphasizing the importance of open-source collaboration in the field of technology. Dr. Johns Naduvath, FOSS Advisor, delivered a felicitation speech, highlighting the significance of version control systems in modern software development practices. Mrs. Sreelekha K., Staff Coordinator, expressed gratitude and delivered the vote of thanks, acknowledging the efforts of all involved in organizing the workshop. Following the inauguration, participants engaged in hands-on sessions facilitated by Mr. Abhinand Gokhala K: Session 1: Introduction to Version Control Systems (VCS) and Git & Session 2: Advanced Git Techniques. On Day 2, the workshop focused on further hands-on sessions facilitated by Mr. Abhinand Gokhala K. Session 3: Working with remote repositories (GitHub, GitLab, Bitbucket) & Session 4: Advanced Git commands and options were conducted. The workshop provided a valuable platform for learning, skill enhancement, and networking, contributing to the professional development of all participants involved.

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St. Thomas College (Autonomous), Thrissur
Department of Data Science & FOSS Club

In Association with

ICFOSS | INSTITUTION'S INNOVATION COUNCIL | INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE

Two Day Workshop on
"GitCraft: Mastering Open Source Collaboration"

Venue
B.Voc Data Science Lab &
Kaviprathibha Hall

Date
23.02.2024 - 24.02.2024

Time
9.00 AM to 4.00 PM

Dr. Fr. Martin K A
Principal

Dr. Johns Naduvath
FOSS Advisor

Mr. Rejin Varghese
HOD, Dept. Of Data Science

Mr. Adithyan V. P
FOSS Ambassador

Mrs. Sreelekha K
Staff Coordinator

Resource Person
Abhinand Gokhala K
Technical Consultant (Drupal, AI, LAMP),
Founder of Bigone Technologies

St. Thomas College (Autonomous), Thrissur
Department of Data Science & FOSS Club

PROGRAMME SCHEDULE

Day 1 (23. 02. 2024)
Inauguration Session

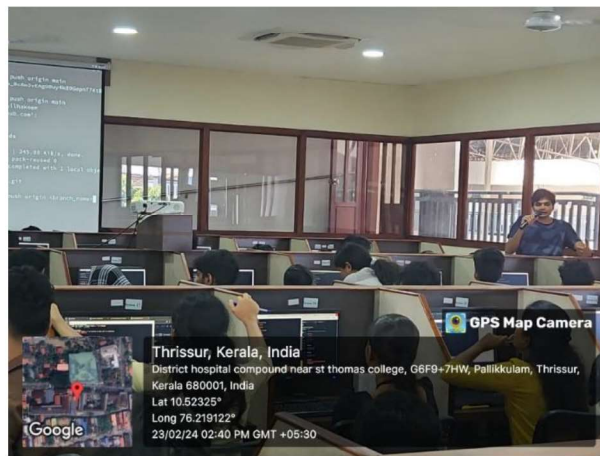|	
Prayer	:
Welcome	: Mr. Rejin Varghese
	HOD & Asst. Professor, Department of Data Science
Inauguration	: Rev. Fr. Biju Panengadan
	Executive Manager & Bursar
Felicitation	: Dr. E.D John
	Vice Principal
	Dr. Fr. Finosh Keettika
	Associate Bursar, Self-Financing Section
	Dr. Johns Naduvath
	FOSS Advisor
Vote of Thanks	: Mrs. Sreelekha K
	Staff Coordinator

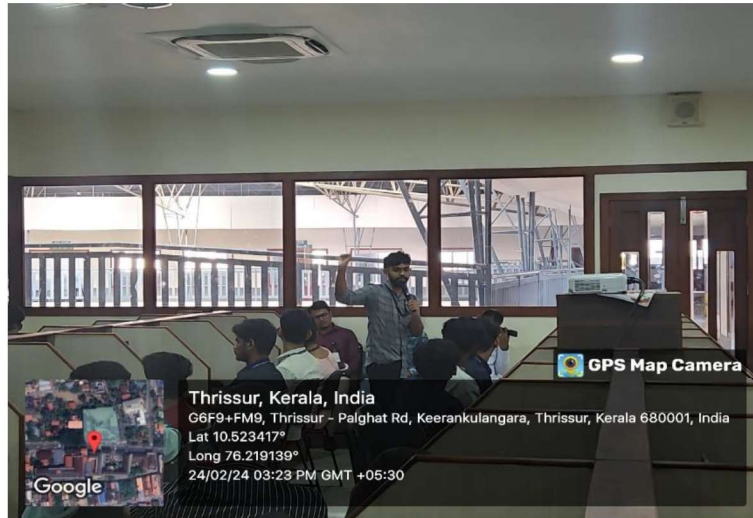**Hands-on Sessions**
Resource Person: Abhinand Gokhala K
Technical Consultant and Founder of Big One Technologies
Session 1 - Topic: Introduction to Version Control Systems (VCS) & Git
Session 2 - Topic: Advanced Git Techniques

Day 2 (24. 02. 2024)

Hands-on Sessions
Resource Person: Abhinand Gokhala K
Technical Consultant and Founder of Big One Technologies
Session 3 - Topic: Working with remote repositorie GitHub, GitLab, Bitbucket
Session 4 - Topic: Advanced Git commands and options

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Long 76.219122°
23/02/24 02:40 PM GMT +05:30

Hands-on sessions facilitated by the resource person Mr. Abhinand Gokhala K, Technical Consultant and Founder of Big One Technologies.

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Session 3 & Session 4 being conducted during the Workshop on "Git Craft: Mastering Open-Source Collaboration".

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First International Conference on Social Science (ICSS-1)

07-03-2024 & 08-03-2024

St. Thomas College (Autonomous), Thrissur in collaboration with Tharananellur Arts & Science College, Irinjalakuda, Thrissur District, Kerala and DMI St. John the Baptist University, Malawi, Central Africa organized First International Conference on Social Science (ICSS-1) to provide a platform for scholars, researchers, and practitioners to share their research findings, experiences, and insights on various aspects of social science, promoting interdisciplinary collaboration and knowledge sharing. The Conference included keynote addresses by renowned experts in social science; Technical sessions on various themes, including sociology, psychology, economics, politics, and more. There were presentation of research papers by participants from across the globe; Cultural events and networking opportunities. The conference enhanced understanding of social science concepts and their applications; increased awareness of global perspectives and best practices in social science research; strengthened collaboration and networking among participants from diverse backgrounds and publication of conference proceedings. Researchers and scholars from various disciplines of social science; practitioners and policymakers from government and non-government organizations; students and faculty members from participating institutions and other universities participated in the conference.

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FIRST INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES (ICSS-1)

ON 7 & 8 MARCH 2024

organised by
Tharananellur Arts & Science College
96BQ+3QX, Kallada Road, Thaniseery, Thrissur District, Irinjalakuda, Kerala

in collaboration with
St.Thomas College (Autonomous), Thrissur
&
DMI St. John the Baptist University, Malawi Central Africa

Organising Committee

Dr. Ulrike Guelich — Keynote Speaker (GEM Thailand Team Leader) Instructor & Researcher, Bangkok University.

Dr.Paul Jose P — Principal, Tharananellur Arts & Science College, Irinjalakuda.

Jathavedan Namboothiripad — Manager, Tharananellur Arts & Science College, Irinjalakuda.

Fr Dr. Martin Kolambrath — Principal, St Thomas College (Autonomous), Thrissur.

Dr. Bernadict W Malunga, — Deputy Vice-Chancellor DMI St John The Baptist University Malawi, Central Africa.

Dr. Jose George Pottakkal — Keynote Speaker Scientist, National Institute of Hydrology, Jammu.

Emmanuel Amo Yartey — High Court Judge, Central Region, Ghana.

Dr. Vinnaras Nithyanantham — Associate Professor, DMI St. John the Baptist University, Malawi, Central Africa

Dr. Chuanchen BI — Keynote Speaker Khon Kaen University, Thailand.

Dr.Aparna J Varma — Dean Academics, Tharananellur Arts & Science College, Irinjalakuda.

Dr. Arenkala Ao — Department of Linguistics, Nagaland University, Kohima Campus. Nagaland Merlema.

Dr. Divya George — IQAC Coordinator, St. Thomas College (Autonomous), Thrissur.

Ajesh Antony — St. Thomas College, (Autonomous), Thrissur.

Important Dates:
Last date for full paper submission: 10 Feb 2024
Last date of notification of acceptance of Full Paper: 15 Feb 2024

1. The papers submitted to the Conference will be published in an ISBN-bearing Conference Proceedings.
2. The Referencing style should be APA 7th Edition

CONTACT US — tascijk2016@gmail.com | +91 7593946646 | www.tharananellur.com

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Long 76.203327°
07/03/24 10:19 AM GMT +05:30
GPS Map Camera

Dr. Martin K A (Principal, St. Thomas College (Autonomous), Thrissur, Kerala) addressing the participants during the inaugural session of First International Conference on Social Science (ICSS-1).
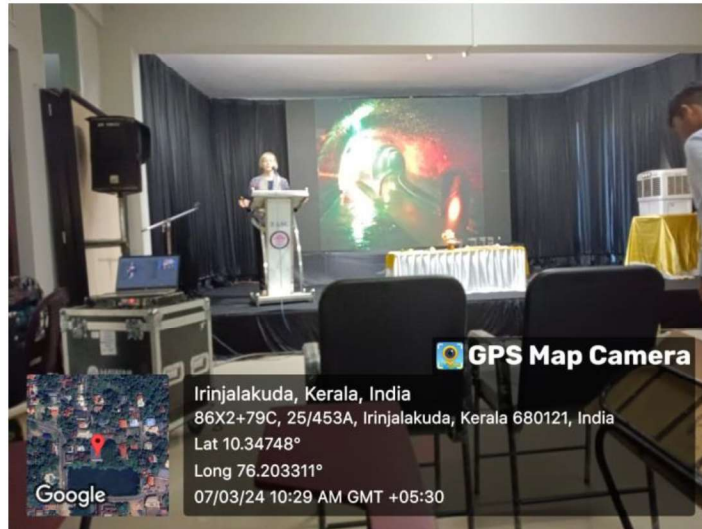
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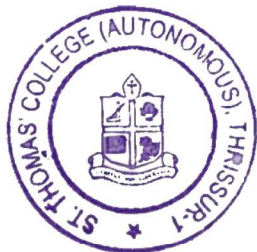## THRISSUR, KERALA - 680 001

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Dr. Ulrike Guelich, Assistant Professor (Business Administration) Bangkok University School of Entrepreneurship & Management, Bangkok, Thailand delivering the keynote address.

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iqac@stthomas.ac.in

National Instructional Workshop on Cryptology 2024

22-05-2024 to 24-05-2024

Department of Mathematics, St. Thomas College (Autonomous), Thrissur organized National Instructional Workshop on Cryptology in association with DRDO, CRSI and KSCSTE with academic support from Cryptography Research Society of India. The workshop was inaugurated by Padma Shri. Dr. Balasubramanian, Former Director IMSc Chennai and President CRSI on 22nd May 2024. He delivered a talk on the topic "Elliptic Curve Cryptography". The second session was by Dr. Bupendra Singh, Scientist F, DRDO Bangalore. His topic of discussion was "Need for Post Quantum Cryptography". The Third session was handled by Dr. Saju M. I., Assistant Professor, Dept. of Mathematics, St. Thomas College (Autonomous), Thrissur. He discussed on the topic "Some Basics of Algebra" followed by Dr. Sugata Gengopadhyay, Associate Professor, IIT Roorkee. His topic of discussion was "Introduction to Linear Codes and Code Based Cryptography I". On the second day, there were 5 sessions starting with Dr. Sugata. He cover all essentials of code based cryptography. In Second session by Ms. Lexy Alexander, Scientist E, DRDO Bangalore, "BCH codes" was introduced, followed by "Goppa Codes". A hands-on session was handled by Ms. Jincy Pauly, WISE-PhD Fellow, Dept. of Mathematics, St. Thomas College (Autonomous), Thrissur. The last session was handled by Mr. Pradeep Rai, Research Scholar, IIT BHU, Varanasi on "Classic McEliece" in which he introduced the NIST PQC winner. On the third, the first session was by Dr. Rajath Sadhukhan, Assistant Professor, IIT Roorkee, on the topic "A Primer to Hardware Implementation and Scope of Side-channel Attack on PQC Algorithms." followed by Dr. Bhupendra Singh, Scientist F., CAIR, DRDO, Bangalore. His lecture was on the latest topic "Quantum Safe Journey with BIKE". The third session was handled by Mr. C. A. Jothishwaran, Research Scholar, IIT Roorkee. Topic of his session was "Information Theoretic Analysis of Code-based Cryptography". The next session handled by Dr. Saju M. I. on the topic "Bridge between Algebra and Cryptography". The final session was by Dr. Tony Thomas, Associate Dean and Associate Professor, Digital University of Kerala, Thiruvananthapuram on the topic "Unraveling Post-Quantum Cryptography: Methods, Hurdles, and Future Prospects". The event came to an end by the feedbacks from participants and a note of gratitude by Dr. Viji M., Convenor & HoD, Dept. of Mathematics, St. Thomas College (Autonomous), Thrissur.

ST. THOMAS COLLEGE (AUTONOMOUS)
THRISSUR, KERALA - 680 001

Estd. 1889

NAAC 5th Cycle Accreditation

NAAC (4th Cycle): A++ Grade, 3.70 Score
NIRF Ranking 2023 : 57

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Scientist F, CAIR, DRDO, Bangalore

Dr. Lexy Alexander
Scientist E, CAIR D RDO, Bangalore

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📍 Locate Us

ST. THOMAS COLLEGE
(AUTONOMOUS), THRISSUR
NAAC (4th cycle): A++ Grade

AWARENESS ON TRENDS IN TECHNOLOGY

NATIONAL INSTRUCTIONAL WORKSHOP ON CRYPTOLOGY (NIWC-2024)
(22 - 24 MAY 2024)
8.30AM - 6.00PM

Organized by

PG and Research Department of Mathematics

In association with

Venue: **Kaviprathibha Hall**
St. Thomas College

ABOUT THE COLLEGE

St. Thomas College (Autonomous), Thrissur, is the oldest Catholic College in Kerala and is the first College to have been established by diocesan clergy in India and is older than all the Universities in Kerala. It was founded as an educational institution in 1889. The college has had a very strong scholastic tradition that spans over a century. Apart from the contributions to intellectual and cultural fields, the College community has respond positively to the problems thrown up by the processes of nation-building. St. Thomas College is accredited with A++ (3.70) grade by NAAC. The UGC granted Autonomous Status to the College from 13th June, 2014 and College with Potential for Excellence status with effect from 01st April, 2016.

ABOUT THE DEPARTMENT

The department of Mathematics was established in 1928 and now provides PhD as well as one PG and two UG programmes in Mathematics. One of the primary areas of research is cryptography. The department strives to develop highly competent and motivated mathematicians while maintaining a high degree of academic achievement.

ABOUT DRDO

DRDO is the R&D wing of Ministry of Defence, Govt. of India, with a vision to empower India with cutting edge defence technologies and a mission to achieve self reliance in critical defence technologies and systems. Today, DRDO is a network of more than 50 laboratories which are deeply engaged in developing defence technologies covering various disciplines.

ABOUT CRSI

Cryptology Research Society of India (CRSI), formed in 2001, is a scientific assembly of academicians, researchers, specialists, students, and institutions interested in promoting the science and technology of Cryptology, Data Security, and allied disciplines in India. CRSI is promoting to conduct of three reputed events annually in India known as INDOCRYPT (an annual international conference), NIWC (National Workshop on Cryptology), and NIWC (National Instructional Workshop on Cryptology)

ABOUT KSCSTE

KSCSTE promotes and activates programmes for increasing the stock of knowledge in science, and fine tunes policies which are significant and for the sustained development of humanity. The council prepares the road map for development through scientific research and innovation in technologies.

WORKSHOP OVERVIEW

The field of cryptology is expanding quickly, and it is becoming more and more popular among information scientists, notably in activities relating to networks, banking, mail, and information security. This workshop seeks to engage students from all around the nation and give them a forum to learn about career options in cryptology and associated research. This workshop's goal is to systematically introduce mathematics and engineering students and faculty to the fundamental concepts of cryptography, network security, and other information security related concerns and applications.

TOPICS TO BE COVERED

· Basics of Coding Theory
· Basics of Cryptography
· Code-based Public-key encryption schemes
· Code-based digital signature schemes
· NIST submissions for Code-based KEM
· Application of Post Quantum Cryptography

REGISTRATION DETAILS

Students / Research Scholars	:	Rs. 1000/-
Faculty / Others	:	Rs. 2000/-

NOTE: For CRSI life members, there will be a fee waiver of @50%.

REGISTER HERE OR

Account Details
Viji M.
Account No. 20243792862
IFSC : SBIN0009048
SBI Thrissur Main

Last Date for Registration
30th April 2024

ACCOMMODATION

A limited number of accommodations for the participants will be arranged on payment basis in the College Guest House on prior request.

We cordially invite you to join with us

Dr. Fr. Martin K A
Principal

Dr. Viji M
HoD & Convenor

Ms. Jincy Pauly
Student Co-ordinator

SPEAKERS

- **Padma Shri Dr. R. Balasubramaniam**
  Former Director, IMSc, Chennai

- **Dr. Bhupendra Singh**
  Scientist F, CAIR, DRDO, Bangalore

- **Ms. Lexy Alexander**
  Scientist E, CAIR, DRDO, Bangalore

- **Dr. Sugata Gangopadhyay**
  IIT Roorkee

- **Dr. Tony Thomas**
  Digital University Kerala

- **Dr. Rajat Sadhukhan**
  IIT Roorkee

- **Mr. Pradeep Rai**
  IIT(BHU), Varanasi

- **Mr. C. A. Jothishwaran**
  IIT Roorkee

- **Dr. Saju M.I.**
  St. Thomas College, Thrissur

- **Ms. Jincy Pauly**
  St. Thomas College, Thrissur

Inaugural session of National Instructional Workshop on Cryptology organized by Department of Mathematics, St. Thomas College (Autonomous), Thrissur in association with DRDO, CRSI and KSCSTE with academic support from Cryptography Research Society of India (CRSI).

Principal
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