CONSILIO-2021

Date of the Event: July 9-10, 2021

The 3rd International Conference on Smart and Intelligent Learning for Information Optimization (CONSILIO-2021) was organized by Consilio Intelligence Research Lab, India, in collaboration with Sreyas Institute of Engineering & Technology (SIET), Hyderabad, Telangana. The conference aimed to bring together researchers, developers, and practitioners from academia and industry working in the area of Smart & Intelligent Learning and Information Optimization. The event featured expert talks and knowledge-sharing sessions with renowned speakers, fostering discussions on technological advancements and research developments.

Highlights of the Event:

- Expert talks by distinguished speakers from Estonia and India.
- Knowledge-sharing sessions on technological advancements.
- Discussions on research developments in Smart & Intelligent Learning.

Brochure:

The official website of CONSILIO-2021 provides detailed information about the event, including the schedule and speakers.

https://www.consiliolab.org/consilio2021/index.php#home

3rdInternationalConferenceonSmartandIntelligentLearningforInformation Optimization (CONSILIO – 2021)

July9-10, 2021

PresentationSchedule:Session1

Session-1:(Virtual)	
July9,FridayTime:12.50PM-01.50PM	
TopicName	**Author**
WaveletTreeensembleswithMachineLearningandits classification	NehaKatiyar,SonamGupta,ArunKumar Yadav, Divakar Yadav
APermissionedBlockchainSystemforSecureMultiparty Computation	SGarg,RVashisht
RealizationofLowCostFootwearIntegratedStep-CountingDevice for Health Monitoring System	Aryan,PMittal
AssessmentofOptimizersimpactonImageRecognitionwith Convolutional Neural Network to Adversarial Datasets	Vidushi,ManishaAgarwal,AkashRajak, Ajay Kumar Shrivastava
ComparativeAssessmentofExistingMeaningfulImage Encryption Techniques	VarshaHimthani,VijaypalSinghDhaka, Manjit Kaur
EfficientConstructionofSuccessiveCancellationDecodingof Polar Codes using Logistic regression Algorithm	A.Albertraj,D.Judson,A.Beno

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Presentation Schedule: Session 2

Session-2:(Virtual)	
July 9, Friday Time: 3.05PM-04.05PM	
Topic Name	**Author**
Mutual Information-Based Optimum Metrics Identification in Symmetry-Based Brain Abnormality Detection	Mohammad A.N. Al-Azawi
A blockchain based approach for improving transparency and traceability in silk production and marketing	Abhilash Sharma, Mala Kalra
Characterization of Flexible Patch Antennas on Planar and Curved Surfaces	Habeeba Khan, Sayyed Arif Ali, Mohd Wajid, Muhammad Shah Alam
Gender Prediction using Deep Learning Algorithms and Model on Images of an Individual	G Rajendra, Kodali Sumanth, Chandragiri Anjali, Gudavalli Pardhasai, Madhumanchi Supraja
IoT based Agri Soil Maintenance through Micro-Nutrients and Protection of Crops from Excess Water	Phaneendra Kanakamedala, Bhumireddy Anil Reddy, Nannapneni Kavya Sri, Bangari Nadakuditi, K. Jayanth Kumar
Privacy-preserving Search over Encrypted Personal Health Record in Multi-Source Cloud	M Hema Latha, A Suhasini Snigdha, B Vijaya Lakshmi, K. Padmavathi, M Satish

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Presentation Schedule: Session 3

Session-3:(Virtual)	
July 9, Friday Time: 04.10PM-05.10PM	
Topic Name	**Author**
Compressing Biosignal for Diagnosing Chronic Diseases	Ithayarani Pannerselvam, A. Jainul Fathima
A Secure Framework for Health Record Management Using Blockchain in Cloud Environment	G Verma, N Pathak, N. Sharma
Hjorth Parameter based Seizure Diagnosis using Cluster Analysis	Siddhartha Kumar Arjaria, Gyanendra Chaubey, Nishtha Shukla
Influence of an efficient Hierarchical Clustering Algorithm in analyzing Cancer affected DNA Dataset	E. Kiruba Nesamalar, J. Satheesh Kumar, T. Amudha
Improvisation of RSA Algorithm in Respect to Time and Security with the Proposed (AEA) Algorithm	Amit Taneja, RK Shukla, RS Shukla
Parasitic sorority of speech processing algorithms with an assortment of statistical toolkits	Prathibha Sudhakaran, Ashwani Kumar Yadav, Sunil Karamchandani
Cloud Security in Financial Institutions and Various Security Algorithms	Kanika Tyagi, Suryakant Yadav and Mayank Singh

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PresentationSchedule:Session4

Session-4:(Virtual)	
July10,SaturdayTime:01.30PM-02.30PM	
TopicName	**Author**
PlantLeavesDiseaseClassificationUsingBayesianRegularization Back propagation Deep Neural Network	VijayKumarTrivedi,PiyushShukla,Anjana Pandey
NovelCryptographicApproachtoEnhanceCloudDataSecurity	KanikaTyagi,SuryakantYadavandMayank Singh
BlackStartOperationusingaMMCbasedHVDCsystem	K. Sudarsana Reddy, R. Vigneshwar, AnushkaTripathi,SPSoundharya,V.S. Kirthika Devi
EaGWO:ExtendedalgorithmofGreyWolfOptimizer	AlokKumar,Lekhraj,AvjeetSingh,Anoj Kumar
ImpactofIntermediateBottleneckNodesontheQoSProvisionin Wireless Infrastructure less Networks	IjtebaSultana,Dr.MohdAbdulBari
PerformanceEvaluationofDirection-FindingTechniquesofan Acoustic Source with Uniform Linear Array	Wajid Mohd, Alam Faisal, Usman Mohammed,UddinSyedFarid,KhanAyan Alam
Thedeterminantsofvisitfrequencyandbuyingintentionat shopping centers in Vietnam	DamTriCuong,NguyenThanhLong

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Presentation Schedule: Session 5

Session-5:(Virtual&Physical)	
July 10, Saturday Time: 02.35PM-03.35PM	
Topic Name	**Author**
Optimizing Neural Network Parameters For Effective Classification of Benign and Malicious Websites	P.Balamurugan, T.Amudha, J. Satheeshkumar, M. Sornam
Integration of Machine Learning Techniques in Virtual Wireless Sensor Network for insect monitoring	Mohammad Equebal Hussain, Rashid Hussain
Driver's Drowsiness Detection Based On Facial Multi-Feature Fusion	V.VenkataSaiVardhan, N.RitishKumar Reddy, K. Jaya Surya, J. Uday Kiran, Ashwani Kumar
Bottle Line Detection Using Digital Image Processing Using Machine Learning	Anush.CH, K.Yashwanth, S.Shashank, M.Venkat Reddy, Ashwani Kumar
Hybrid Approach for Identification of Manhole and Staircase Using Image Processing	JadalaSravani, AdigiriVaishnavi, Peruri Sravani Durga, Ashwani Kumar
Credit Score Prediction System using Deep Learning and K Means Algorithms for Financial Markets	Ashwani Kumar, D.Shanthi, Pronaya Bhattacharya

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Presentation Schedule: Session 6

Session-6:(Physical)	
July 10, Saturday Time: 03.40PM-04.40PM	
Topic Name	**Author**
A Security Enhancement for the Two Way Clustering Algorithm for Image Mining	M.JayaRam, V.VijayaBhaskaraReddy
A Prediction Accuracy Model Aiming to Improve Prediction Accuracy in Congenital Heart Anomaly Detection using Hybrid Feature Selection with Modified Particle Swarm Optimization Approach	ShaikAbdulNabi, KuntlaRamyaLaxmi
Real Time Face Recognition using Effective Supervised Machine Learning Algorithms	P.Nagaraj, RajeshBanala, A.V.Krishna Prasad
A Predictive Model for Classification of Brest Cancer Data Sets	S.VenkataAchutaRao, PamarthiRama Koteswara Rao
Energy Efficient NoC design through Supervised Machine Learning	D.Shanthi, AshwaniKumar, S.Sai Satyanarayana Reddy
Applying SWOT for B2B Decisions, Extension to larger data with Machine Learning Regression	SureshAkella
Design and Development of Novel Ensemble Classifier for Visual Sentiment Analysis	S.SaiSatyanarayanaReddy

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Call for Papers

CONference on Smart and Intelligent Learning for Information Optimization (CONSILIO) organized jointly by CRL and SIET. All Selected and presented papers will be submitted for publication in Scopus Indexed Journal of Physics: conference series by IOP Publishing.

About The Organization

Sreyas Institute, located in the heart of the city, is the result of deliberation & planning of every aspect to create a world-class technical education institution. The first impression as you enter the sprawling green and verdant campus of Sreyas leaves a lasting impression of innate calm and energizing growth. The campus is scientifically planned and artistically designed. The students have access to the latest software & computing facilities for learning & research to groom them into future citizens. Our student-centric approach will ensure that Sreyans gain not just depth & breadth in their chosen area of specialization, but a holistic set of skills that will equip them to face the real world. At every stage, there will be opportunities to expand their boundaries, with multiple platforms for collaboration & learning. The infrastructure is absolutely world-class with opportunities to build practical skills in state-of-the-art laboratories & workshops.

Paper Submission

CONference on Smart and Intelligent Learning for Information Optimization (CONSILIO)-2021 will be organized by Consilio Research Lab, Estonia in collaboration with Sreyas Institute of Engineering & Technology, Hyderabad, Telangana and held at virtually from Tallinn, Estonia and physically at SIET, Hyderabad on July 09-10, 2021. CONference on Smart and Intelligent Learning for Information Optimization (CONSILIO)-2021 will be a major Peer-Reviewed conference organized with the objective of bringing together researchers, developers and practitioners from academia and industry working in the area of Smart & Intelligent Learning and Information Optimization. Original, previously unpublished and high quality research papers addressing research challenges and advances in Smart and Intelligent Learning would be appreciated. All Selected and presented papers will be published in Scopus Indexed Journal of Physics: conference series by IOP Publishing..

Papers are to be submitted through the Easychair link:

https://easychair.org/conferences/?conf=consilio2021

The topics of the conference include, but are not limited to:

- Smart Computing in New Paradigms of Smart Data
- Visualization in Intelligent Data
- Green cloud computing and big data
- Quality of Service (QoS) improvements techniques
- Case studies for various applications in big data
- Cyber hacking, next generation firewall of smart data
- Social engineering and insider threats
- Security and fault tolerance for embedded system
- Tele-health security
- Sensor network security in big data
- Cloud computing and networking models
- Dynamic resource sharing algorithm
- Heterogeneous architecture for cloud-based intelligent data
- Cloud infrastructures for E-health

IOP Publishing

CONSILIO-2021

CONference on **S**mart and **I**ntelligent **L**earning for **I**nformation **O**ptimization

July 09-10, 2021

Hyderabad, India

SREYAS

Organized by
Department of Computer Science & Engineering, CSE (AI&ML), CSE(DS)
Sreyas Institute of Engineering and Technology, Hyderabad, India

https://consiliolab.org/consilio2021/

Important Dates

Submission of Full Paper:	**May 15, 2021**
Notification of Acceptance:	**June 20, 2021**
Camera Ready Paper:	**June 30, 2021**
Authors' Registration Deadline:	**June 30, 2021**
Conference Dates:	**July 09-10, 2021**

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CONSILIO -2021

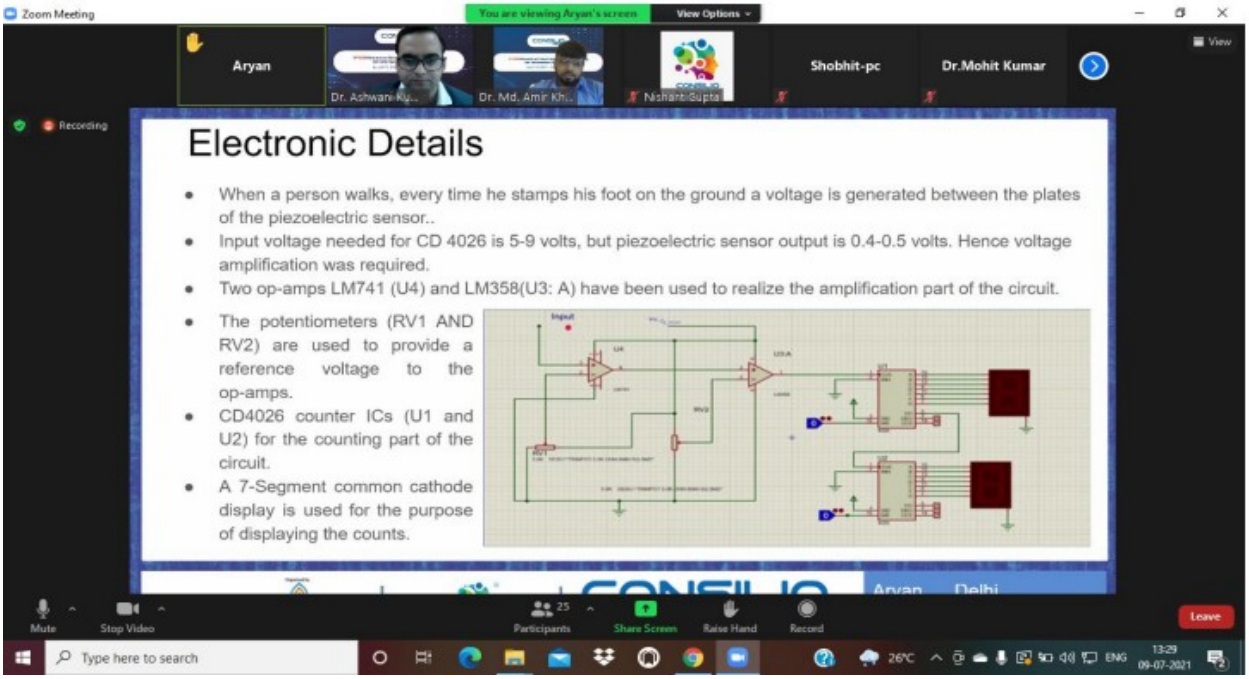
3rd International Conference on Smart and Intelligent Learning for Information Optimization

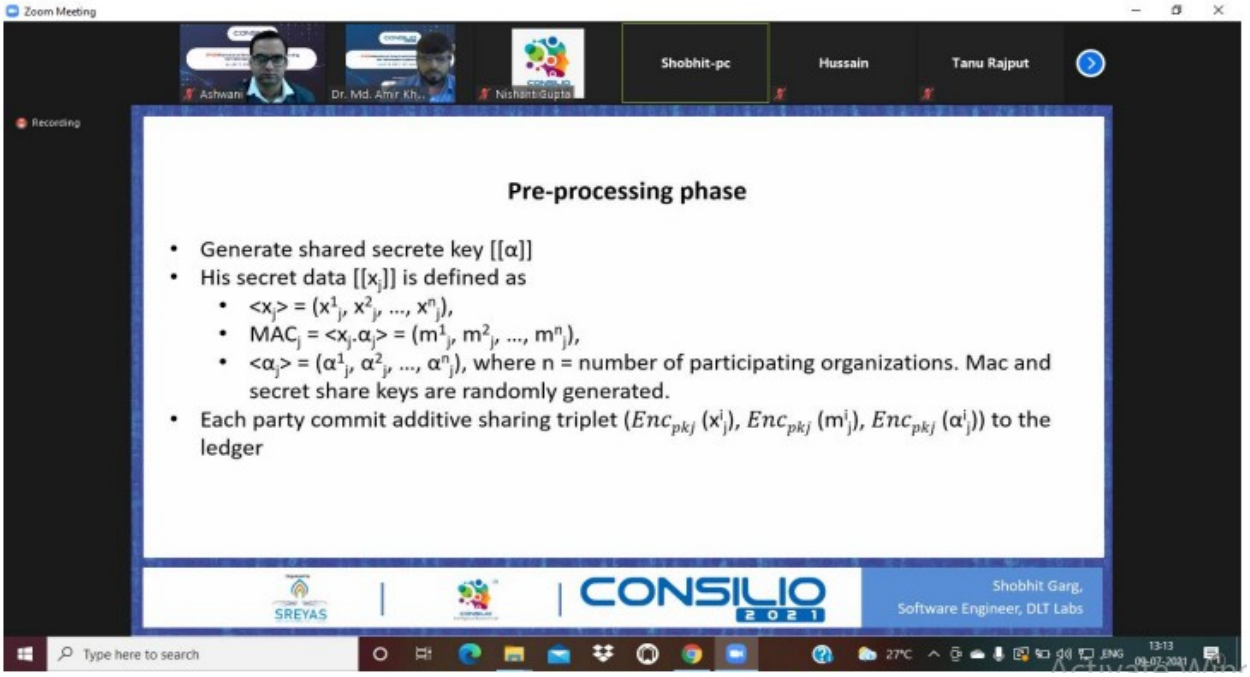
09-10 July, 2021

Organized by

Department of Computer Science & Engineering
Sreyas Institute of Engineering and Technology, Hyderabad, India

CONSILIO 2021




Zoom Meeting
Ashwani
Dr. Md. Amir Kh...
Nishant Gupta
Shobhit-pc
Hussain
Tanu Rajput
Recording
Pre-processing phase
Generate shared secrete key [[α]]
His secret data [[x_j]] is defined as
<x_j> = (x^1_j, x^2_j, ..., x^n_j),
MAC_j = <x_j.α_j> = (m^1_j, m^2_j, ..., m^n_j),
<α_j> = (α^1_j, α^2_j, ..., α^n_j), where n = number of participating organizations. Mac and secret share keys are randomly generated.
Each party commit additive sharing triplet (Enc_pkj (x^i_j), Enc_pkj (m^i_j), Enc_pkj (α^i_j)) to the ledger
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Shobhit Garg,
Software Engineer, DLT Labs
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