



**3<sup>rd</sup>International Conference on  
Recent Trends in Multi-Disciplinary Research  
(ICRTMDR-2020)**

**26<sup>th</sup> & 27<sup>th</sup> December 2020, Maldives**

**Organized by**

**Institute For Engineering Research and Publication (IFERP)**



**Co-Host by**

**Cyryx College, Avid College, MI College and  
Department of CSE A.P.C Mahalaxmi College For Women**



## KEYNOTE SPEAKERS



**Prof. Jake R. Pomperada,  
MAED-IT, MIT, Science Research  
Specialist II  
Technological University of the  
Philippines Visayas  
City of Talisay, Negros Occidental  
Philippines**



**Dr. Abdul Rasheed Ahmed  
Minister of State for Education  
Maldives.**



**Dr. Andres C. Pagatpatan  
Professor  
Campus Administrator At Eastern Samar State University  
Guiuan Campus  
Philippines.**

## Guest of Honour



**Dr.V.Shyamala Susan**  
**Head & Assistant Professor**  
**Department Of Computer Science**  
**A.P.C Mahalaxmi College For Women,**  
**Thoothukudi, Tamil Nadu**  
**India**

## Session Chairs



**Dr. G.M. SHAJU**

**Registrar, MI College  
Male, Maldives**



**Mr. Ibrahim Waheed,  
Vice Rector  
Cyryx college  
Male, Maldives.**



**Dr. Suneena Rasheed  
Vice Rector  
Avid College  
Malé, Maldives.**

# **CONFERENCE TRACK**

## **Time Zone:Maldives(GMT+5)**

### **Day 1 : 26<sup>th</sup> December 2020**

09.00 AM – 09.15 AM	Inaugural Function
09.15 AM – 09.40 AM	Keynote – I (Dr. Andres C. Pagatpatan)
09.40 AM – 10.05 AM	Keynote – II (Dr. Abdul Rasheed Ahmed)
10.05 AM – 10.30 AM	Keynote – II (Prof. Jake R. Pomperada)
10.30 AM – 01.00 PM	Technical Session - I
01.00 PM – 01.15 PM	Break
01.15 PM – 05.00 PM	Technical Session - II

### **Day 2 : 27<sup>th</sup> December 2020**

09.00 AM – 09.30 AM	Guest of Honour Speech
09.30 AM – 01.00 PM	Technical Session - I
01.00 PM – 01.15 PM	Break
01.15 PM – 05.00 PM	Technical Session - II



# DAY – 1

**26<sup>th</sup> December 2020**

**Maldives(GMT+5)**

### Technical Session - I

Timings	Paper Title
10.30 – 10.45 AM	Green synthesis and characterisation of copper oxide nanoparticles using colonial ascidian Ecteinascidia venui
	<b>S.Sankaravadivu</b>
10.45 – 11.00 AM	Vermicompost Production using Rabbit ( <i>Oryctologuscuniculus</i> ) Manure
	<b>Rodelio T. Alejo, Jr, Honeylet J. Nicolas</b>
11.00 – 11.15 AM	Analysis and apply Thai Khon costume pattern into high-end fashion design
	<b>Hu Jia, JirawatVongphantuset</b>
11.15 – 11.30 AM	Prediction of Atmospheric Ozone Pollutant using Fuzzy Logic Method to Monitor of Air Quality in Surabaya City During the Covid-19
	<b>SyamsulArifin, AuliaSitiAisjah</b>
11.30 – 11.45 AM	The Effect of the Wall Assembly Positions of Different Density Levels of Polystyrene Insulation on Its Dynamic Thermal Conductivity
	<b>MaatoukKhoukhi, ShaimaaAbdelbaqi, AbeerDarsaleh</b>
11.45 – 12.00 PM	Nonstandard Solutions for Ordinary Differential Equations near Singularity
	<b>MardanAmeenPirdawood, Ibrahim Othman Hamad</b>
12.00 – 12.15 PM	Supercritical fluid extraction research laboratories- Hazard identification and assessment
	<b>SitinoorAdeibIdris, MasturahMarkom, NorlizaAbdRahman and JarinahMohd Ali</b>
12.15 – 12.30 PM	Length-Steepness Factor of RUSLE on the Soil Loss Rate Estimation: A Sensitivity Evaluation
	<b>Samuel Law, Kuok King Kuok, Shirley Gato-Trinidad</b>
12.30 – 12.45 PM	Inclusive Methods and Techniques for Teaching English to Dyslexic Learners
	<b>ParinitaSinha, Dr. R. Rajesh</b>
12.45 – 01.00 PM	Netnographic Analysis: Understanding Cyber-Psychology In Adolescence Through Social Media Posts
	<b>Dr.Pallavi Mishra</b>

### Technical Session – II

Timings	Paper Title
01.15 – 01.30 PM	Effect Of Essential Oil Of Santalum Album Against Covid-19, Lung Cancer And Streptococcal Pneumonia: An Insilico Approach <b>G.N. Nirmala, Akshata Sharma, DharaniDharan.k, Venkatraghavan.R</b>
01.30 – 01.45 PM	Social Development Elements for Special Needs Community: Taxonomy Conceptualisation from RisalahNur Perspectives <b>Siti Fatimah MohdTawil, NurulAsiahFasehahMuhamad, MahyuddinHashim</b>
01.45 – 02.00 PM	A Survey on Microwave Planar Filter Design using Metamaterial – Research Design & Development <b>Prof KhyatiChavda, Dr A K Sarvaiya</b>
02.00 – 02.15 PM	The Rising Relevance of Multidisciplinary Perspectives in Research <b>Kishor Kumar Dash</b>
02.15 – 02.30 PM	Impact of COVID-19 Pandemic and India-China Aggression on Indian Renewable Energy Grid: A Pragmatic Analysis <b>KiranChaurasia, H. RavishankarKamath</b>
02.30 – 02.45 PM	GAN based deep learning techniques in Biomedical analysis: A Review <b>Pankaj Jain, Resham Raj Shivwanshi</b>
02.45 – 03.00 PM	Strengthening Hope in context of Bhagavad Gita during COVID 19 crisis <b>PurnaTiwari</b>
03.00 – 03.15 PM	Pre-Service Teachers' Competency, Attitude towards the Teaching Profession and ICT-Based Instruction <b>Leah BejosanoLaforteza</b>
03.15 – 03.30 PM	Development as tool of India's Foreign Policy in South Asia: Critical Study of India-Bangladesh <b>SumedhPrabhakarPardhe, Rajesh Kumar</b>
03.30 – 03.45 PM	The Important Skills To Make Reading Purpose Oriented <b>Dr.L.Bapitha</b>
03.45 – 04.00 PM	Is the Indian Stock Market Efficient: A case of Weak-Form of Efficiency <b>Manjari Sharma</b>
04.00 – 04.15 PM	Healing Effect of Hydroalcoholic Extract from MorindaCitrifolia (Peruvian Noni) in Periodontal Incisions <b>Carlos Samuel Ramos Meza, Erika CorzoPalomo</b>
04.15 – 04.30 PM	Dynamic load analysis of side underrun protection device for heavy commercial vehicles with weight optimization using FEA <b>MayankLaddha, Dr.Neeraj Kumar</b>
04.30 – 04.45 PM	Incorporation of Environmental Criteria in the Tendering Process of Bhutan <b>Tshering Choden, Dr. Kullapa Soratana</b>
04.45 – 05.00 PM	Air Quality Monitoring In Heavy Water Plant, Thoothukudi <b>Dr. D. Shanmuga Priya, P. Muthumari</b>



# DAY – 2

**27<sup>th</sup> December 2020**

**Maldives(GMT+5)**

### Technical Session - I

Timings	Paper Title
09.30 – 09.45 AM	Identification of Carbonate Freshwater in Perak Island, KepulauanSeribu Using Ground Penetrating Radar Method
	<b>DwiAnisahLailatulHasanah M, SadanRizqi, Muhammad Ishaidir, MichellaAyuPramesti, OktyastiGanda, Darin AlyaKhairunnisa,</b>
09.45– 10.00 AM	Parent’s Level of Information in relation to School Readiness of Kindergarten Pupils
	<b>Jemuel S. Vidal</b>
10.00 – 10.15 AM	Integrating Applied Ethics with its Bio-Ethical Issues and life in theWomb
	<b>Dr Mayuri Barman</b>
10.15 – 10.30 AM	Theory of 3-Folds And 4-Dimensional Universe
	<b>YogeshVishwanathChavan</b>
10.30 – 10.45 AM	The Effect of the Temperature Change on the Dynamic Heat Transfer Through The Insulation Material at Different Wall Positions
	<b>ShaimaaAbdelbaqi, MaatoukKhoukhi, AbeerDarsaleh</b>
10.45 – 11.00 AM	Research Topic Detection using a TV-tree based System
	<b>Keerthi Krishnan</b>
11.00 – 11.15 AM	Application of Hermeneutics and Dimensional Analysis to Compare Marketing Reports
	<b>Fernando Juárez, Alejandro J. Useche, Ximena Palacios-Espinosa</b>
11.15 – 11.30 AM	Big Data Analytics for Telco Using Open Source Data Pipeline Architecture: Results of SLR and Architecture Recommendation
	<b>Abirami T, Dr.Chandrasekar B S</b>
11.30 – 11.45 AM	Review of Risk Analysis and Management Method in Power System Risk Assessment
	<b>SunhengKhean</b>
11.45 – 12.00 PM	Contamination Level on Insulators of Cambodia High Voltage Transmission line
	<b>KhengHenglong, Zhijun QIN</b>
12.00 – 12.15 PM	A Study on the influence of after sales service quality on the buying preferences of the members of network marketing companies.
	<b>Mr.AnanthaSubramanyaIyer K N, Dr.Mahalakshmi</b>
12.15 – 12.30 PM	Non-dimensional numbers analysis of a natural convection grain dryer with and without sensible energy storage
	<b>Dhananjay Kumar, PinakeswarMahanta, PankajKalita</b>
12.30 – 12.45 PM	Biosynthesis Of Silver Nanoparticles Using Phallusia Arabica And Evaluation Of Total Antioxidant Activity
	<b>Dr. H.Kohila Subathra Christy, Dr. R. Jothibai Margret, Dr. V.K. Meenakshi</b>
12.45 – 01.00 PM	A Study Of Commutativity In R-Near Rings
	<b>Radha.D, Muthu Maheswari.K, Veronica Valli.S.R.</b>

### Technical Session – II

Timings	Paper Title
01.15 – 01.30 PM	Digital Payment Adoption During Pandemic in India: An empirical analysis using SEM
	<b>Chitsimran, ParasMehak, BhosleSrikanth, BiswaBhusanMahalik , Shanib</b>
01.30 – 01.45 PM	Gore, tumult, and potentialities of peace: A description of the political history of conflict-ridden relations between the dominions of India and Pakistan
	<b>Mr.MintuPathak, Dr.JhaninMushahary</b>
01.45 – 02.00 PM	Critical determinants for mobile commerce adoption by Indian micro enterprises through SEM analysis
	<b>Chitsimran, ParasMehakSomRithwik , Santosh Kumar Sharma</b>
02.00 – 02.15 PM	A study on the impact of cultural dimensions towards the cultural competency of transnational project environment in the Maldives.
	<b>Ms.AishathMaazzaFuad, Ms. V. Veeramani A/P VijaiIndarian</b>
02.15– 02.30 PM	Numerical method for analysis of interaction between railway track and structure under a moving load
	<b>Mohammed TOUATI, Nouzha LAMDOUAR</b>
02.30 – 02.45 PM	IOT Security: Challenges and forthcoming trending foundation of Internet of Things
	<b>M.Rubini, Dr.S.Mangayarkarasi</b>
02.45 – 03.00 PM	MSME Financing Gaps – A Review of Literature for the Period 1960 To 2020
	<b>Chitsimran, Dr.AbhishekPandey, ParasMehak</b>
03.00 – 03.15 PM	Various Classification and Prediction Techniques for DiabeticRetinopathy
	<b>G Meenakshi, Dr.G.Thailambal</b>
03.15 – 03.30 PM	MSME Sector: A Multifaceted Model to Achieve Prosperity
	<b>Chitsimran, ParasMehak, Kanish Kumar, PrachiGoyal, Manish, Nikunj Hans</b>
03.30 – 03.45 PM	Analysis of User Behavior to Identify Attack in Cloud Environment using BHF Algorithm
	<b>N.Zafer Ahmed, Dr.R.Durga</b>
03.45 – 04.00 PM	Study of Change in buying behavior of FMCG products Post Covid-19 pandemic in India
	<b>SurajPrakash, Kajal Rajput, Aashish Kumar, BishwasVidya</b>
04.00 – 04.15 PM	Digitising English for Engineers: Innovations in Learning Technologies in ELT
	<b>Divya Singh, Dr.Mandvi Singh</b>
04.15 – 04.30 PM	Developmental reporting on rural infrastructure: Study of Birbhum District in West Bengal
	<b>MAHENDRA KUMAR JENA, Prof.(Dr.) BiplabLohoChoudhury</b>
04.30 – 04.45 PM	WORK LIFE BALANCE OF EMPLOYEES AND ITS EFFECT ON WORK IN THOOTHUKUDI NATIONALIZED BANKS
	<b>Dr. R. Samundeswari</b>
04.45 – 05.00 PM	A Comparative Studyof Government And Private Secondary SchoolsInImphal East District, Manipur
	<b>Moirangthemkunarajsingh</b>



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# **Valedictory Session**