



**Faculty of Graduate Studies**  
Jointly Organised with,

*Office of Research  
Faculty of Architecture  
Faculty of Business  
Faculty of Engineering  
Faculty of Information Technology  
Faculty of Medicine*

# **RESEARCH WEEK 2021**

## **UNIVERSITY OF MORATUWA**

*Connecting Academics, Practitioners and Society*

**30 November – 04 December**



@UOMResearchWeek2021



# RESEARCH WEEK 2021

## UNIVERSITY OF MORATUWA

*Connecting Academics, Practitioners and Society*

### RESEARCH WEEK OVERVIEW

<b>Inauguration</b>	November, 30
<b>Keynote Speech</b>	November, 30
<b>Postgraduate day</b>	November, 30
<b>Undergraduate Projects</b>	December, 01, 02, 04
<b>Global Research Forum</b>	December, 02
<b>Projects of Multidisciplinary Research Centres</b>	December, 03
<b>Research Conferences</b>	
<b>ICITR 2021</b>	December, 01, 02, 03
<b>ICBR 2021</b>	December, 03
<b>FARU 2021</b>	December, 03, 04





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	30th Nov (Tue)	1st Dec (Wed)	2nd Dec (Thu)		3rd Dec (Fri)		4th Dec (Sat)						
9.00-9.30	Inauguration to the Research Week & Keynote speech by Prof. Mohan Munasinghe	ICITR 2021	ICITR 2021	UG projects (Architecture II)	ICITR 2021	ICBR 2021	FARU 2021	Projects of Multidisciplinary Research Centres					
9.30-10.00													
10.00-10.30													
10.30-11.00	UG projects (IT)								UG projects (Architecture I)	FARU 2021	UG projects (Engineering III)		
11.00-11.30	"Peer Review : How to write and respond" by Dr. Tirthankar Ghosal								UG projects (Engineering II)			Global Research Forum	
11.30-12.00	UG projects (Engineering I)												
12.00-12.30													
12.30-13.00													
13.00-13.30													PhD journey (panel discussion)
13.30-14.00													
14.00-14.30													
14.45-15.00		Research Methodology by Associate Prof Gajendran (Social Sciences), Dr Ranga Rodrigo (Engineering)											
15.00-15.30		Developing high impact journal publications by Prof. Paul Chan											
15.30-16.00													
16.00-16.15													
16.30-17.00													
17.00-17.30													
17.30-18.00													



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### KEYNOTE SPEECH

## Prof. Mohan Munasinghe

- Chairman, Presidential Expert Commission (PEC) on Sustainable Sri Lanka 2030 Vision and Strategic Path
- Distinguished Guest Professor at Peking University, China
- Vice Chair of the UN Intergovernmental Panel on Climate Change (IPCC-AR4)
- Shared the 2007 Nobel Prize for Peace
- Received the 2021 Blue Planet Prize - The Environmental Nobel Prize



*“Transdisciplinary Research to Address Climate Change and Sustainable Development Issues - Key Role of Universities”*

**TUESDAY, NOVEMBER 30**

**09.00 – 10.30 (IST)**

Join the Webinar-

<https://learn.zoom.us/j/65749131806?pwd=M3JMeW5DWtJ1MGUrQ3QxRUtqTmx2dz09>

Meeting ID: 657 4913 1806

Passcode: RWon30th#

YouTube Live Stream- <https://www.youtube.com/channel/UCWrRyhDLvvoun3gD3UD7jfA>





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## POSTGRADUATE DAY TUESDAY, NOVEMBER 30

### "Peer Review: How to Write and Respond"

11.00-12.00 IST

Session Link-

<https://learn.zoom.us/j/65749131806?pwd=M3JMeW5DWTJlMGIURQ3QxRUtqTmx2dz09>

Meeting ID: 657 4913 1806

Passcode: RWon30th#

### PhD Journey - Panel Discussion

13.00-14.30 IST

Session Link-

<https://learn.zoom.us/j/65749131806?pwd=M3JMeW5DWTJlMGIURQ3QxRUtqTmx2dz09>

Meeting ID: 657 4913 1806

Passcode: RWon30th#

Dr. Tirthankar Ghosal

Charles University, Czech Republic



Mr Asitha Kulasekara (Moderator)

University of Moratuwa

Prof. Daminda Alahakoon

La Trobe University, Australia

Dr Thanuja Sandanayake

University of Moratuwa, Sri Lanka

Ms. Thrisara Wickramasinghe

University of Moratuwa, Sri Lanka

Ms. Nusrath Maharooof

Glasgow Caledonian University, UK



### Research Methodology

14.45-16.15 IST

#### Social Sciences Discipline

Associate Prof. Thayaparan Gajendran

University of Newcastle, Australia

Session Link-

<https://learn.zoom.us/j/62772635037?pwd=QUZMdzJHNi9GYVc2UWlqMjJlNE9wZz09>

Meeting ID: 627 7263 5037

Passcode: RM@2.45pm



#### Engineering Discipline

Dr. Ranga Rodrigo

University of Moratuwa, Sri Lanka

Session Link-

<https://learn.zoom.us/j/65749131806?pwd=M3JMeW5DWTJlMGIURQ3QxRUtqTmx2dz09>

Meeting ID: 657 4913 1806

Passcode: RWon30th#



### Developing High Impact Journal Publications

16.30-18.00 IST

Prof. Paul Chan

Delft University of Technology, Netherlads

Session Link-

<https://learn.zoom.us/j/65749131806?pwd=M3JMeW5DWTJlMGIURQ3QxRUtqTmx2dz09>

Meeting ID: 657 4913 1806

Passcode: RWon30th#





# RESEARCH WEEK 2021

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# UNDERGRADUATE PROJECTS

## DECEMBER 01

### Faculty of Information Technology

10.00-11.30 IST

- Department of Information Technology
- Department of Computational Mathematics
- Department of Interdisciplinary Studies

### Faculty of Architecture - I

11.30-14.30 IST

- Department of Architecture
- Department of Building Economics

### Faculty of Engineering - I

14.30-16.00 IST

- Department of Civil Engineering
- Department of Chemical & Process Engineering

## DECEMBER 02

### Faculty of Architecture - II

10.00-11.30 IST

- Department of Integrated Design
- Department of Town and Country Planning

### Faculty of Engineering - II

12.30-16.00 IST

- Department of Electronic & Telecommunication Engineering
- Department of Materials Science and Engineering
- Department of Textile and Apparel Engineering
- Department of Mechanical Engineering

## DECEMBER 04

### Faculty of Engineering - III

10.00-13.45 IST

- Department of Computer Science & Engineering
- Department of Electrical Engineering
- Department of Earth Resources Engineering
- Department of Transport & Logistics Management

Session Link-

<https://learn.zoom.us/j/63949964227?pwd=Uis1K21Ucmp1R2lEMG94Rmp4UUtLdz09>

Meeting ID: 639 4996 4227

Passcode: UGP@10am





# RESEARCH WEEK 2021

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### GLOBAL RESEARCH FORUM

### THURSDAY, DECEMBER 02

14.00-18.00 IST

As one of the leading research and academic hubs of the country, University of Moratuwa is oriented to create people and economy centric R&D and Innovation echo system. Starting from the macroeconomic perspective and emphasising on the gravity of the problem, the Global Research Forum expects to create an effective dialogue around the below key areas of the country through a panel discussion.

#### Theme 1: Fostering effective flow of academic knowledge and research results into the industry and the society in facing global challenges

Dr. Thusitha Sugathapala, (Moderator)  
University of Moratuwa, Sri Lanka

Prof. Noguchi Ryoza,  
University of Tsukuba, Tsukuba, Japan

Mr. Deva Weerasooriya  
Head of Magic Factory, Cargills, Sri Lanka

Dr. Himan Punchihewa,  
University of Moratuwa, Sri Lanka

#### Theme 2: R&D for Digital Economy

Dr Suba Fernando (Moderator)  
University of Moratuwa, Sri Lanka

Prof. Damminda Alahakoon  
La Trobe University, Australia

Mr. Madu Rathnayake  
CEO Virtusa, Sri Lanka

Prof. Gihan Dias,  
University of Moratuwa, Sri Lanka

#### Theme 3: Bridging Academia and Practice: Towards Sustainable Development

Dr. Milinda Pathiraja (Moderator)  
University of Moratuwa, Sri Lanka

Dr Priyantha Wijayatunga,  
Chief of Energy Sector Group, ADB

Archt D B Navaratne  
Director, Design Consortium Ltd

Dr Rohan Karunaratne  
President, CIOB

#### Theme 4: Policy establishment towards sustainable economic growth through R&D

Prof. Malik Ranasinghe (Moderator)  
University of Moratuwa, Sri Lanka

Dr. Venura Welagedara (Co-moderator)  
University of Moratuwa, Sri Lanka

Mr. Sanjaya Mohottala  
Chairman, BOI, Sri Lanka

Dr. Hans Wijesuriya  
Executive Vice President & CEO Telecommunications Business of the  
Axiata Group Bhd.

Vidya Jyothi Dr Bandula Wijey  
Ambassador, Science and Technology and Innovation, Sri Lanka

Session Link-

<https://learn.zoom.us/j/61508971169?pwd=Q3A2MzJlSVtBwT05FdnJlMkMzYTVOUj09>

Meeting ID: 615 0897 1169  
Passcode: GRF@2pm#

YouTube Live Stream- <https://www.youtube.com/channel/UICWrrRyhDLvvoUn3gD3UD7jfA>





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### PROJECTS OF MULTIDISCIPLINARY RESEARCH CENTRES

FRIDAY, DECEMBER 03

13.00-17.00 IST

**National Language Processing  
Center**

**Center for Biomedical  
Innovations**

**Center for Intelligent  
Transport System**

**Center for Advanced Robotics**

**Data Science Engineering and  
Analytics Research Center**

**UoM Urban Labs-Center for  
Cities**

**Center for Disaster Risk  
Reduction**

**Qbits- CodeGen**

Session Link-

[https://learn.zoom.us/j/  
68975487530?pwd=ZnBleGtFTWRDOXRHUnF6aFhMV1N1dz09](https://learn.zoom.us/j/68975487530?pwd=ZnBleGtFTWRDOXRHUnF6aFhMV1N1dz09)

Meeting ID: 689 7548 7530

Passcode: MRC@1pm#







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### RESEARCH CONFERENCES

**6th International conference on  
Information Technology research  
(ICITR 2021)**

“Digital Resilience Reinvention”

1<sup>st</sup> -3<sup>rd</sup> December



**4th International Conference on  
Business research  
(ICBR 2021)**

“Entrepreneurism with Covid-Thriving  
in Turbulent Times”

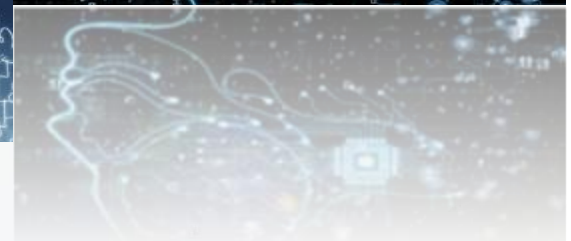
3<sup>rd</sup> December



**14th International research  
Conference  
(FARU 2021)**

“Beyond Sustainability-Reflection  
Across Space”

3<sup>rd</sup> -4<sup>th</sup> December





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