

MEETING DETAILS:

Morning Session : IST 10:00 AM - 1:00 PM

ZOOM link :

<https://zoom.us/j/95972417937?pwd=ZFRmUTNwZXQzZ29tZ0VybnVU4QUhhdz09>

Meeting ID: 959 7241 7937

Passcode: 269933

Afternoon Session : IST 2:00 PM – 5:00 PM

ZOOM link : [https://rgu-ac-](https://rgu-ac-uk.zoom.us/j/87866160112?pwd=ZnB2dXcvYlJ4U1JlEbk5HUGRxdUZlZ09)

[uk.zoom.us/j/87866160112?pwd=ZnB2dXcvYlJ4U1JlEbk5HUGRxdUZlZ09](https://rgu-ac-uk.zoom.us/j/87866160112?pwd=ZnB2dXcvYlJ4U1JlEbk5HUGRxdUZlZ09)

Meeting ID: 878 6616 0112

Passcode: rguvit

DATES TO REMEMBER

Last date to register : 25th Sep, 2022

Final acceptance : 30th Sep, 2022

Webinar Presentation : 1st Oct, 2022

REGISTRATION

Participants are asked to register and pay INR 200 (indian rupees) to receive the e-certificate.

For online payment: www.vitchennaievents.com and select the event “Modeling ThermoFluids”

ADDRESS FOR COMMUNICATION

R. Manimaran

Associate Professor, School of Mechanical Engineering (SMEC), Vellore Institute of Technology, Chennai 600127, India. E-mail: manimaran.r@vit.ac.in

Mamdud Hossain

Professor, School of Engineering (SoE), Robert Gordon University, Garthdee Road, Aberdeen AB10 7GJ, United Kingdom. E-mail: m.hossain@rgu.ac.uk

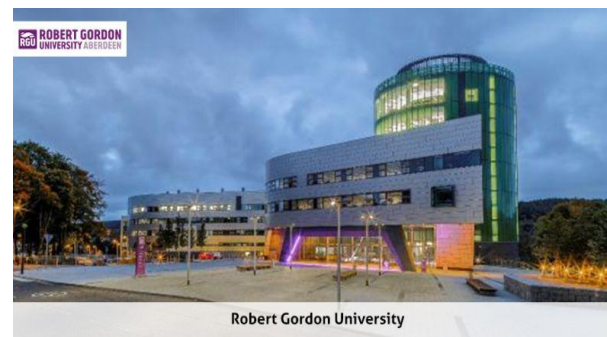


VELLORE INST. OF TECH. (VIT), CHENNAI, INDIA

VIT was established under Section 3 of the University Grants Commission (UGC) Act, 1956, and was founded in 1984 as a self-financing institution called the Vellore Engineering College. The Union Ministry of Human Resources Development conferred University status on Vellore Engineering College in 2001. The University is headed by its founder and Chancellor, Dr. G. Viswanathan, a former Parliamentarian and Minister in the Tamil Nadu Government. VIT Chennai was established in 2010. Mr. Sankar Viswanathan, Dr. Sekar Viswanathan and Mr.G.V.Selvam are the Vice-Presidents; Dr.Rambabu Kodali is the Vice-Chancellor and Dr. V. S. Kanchana Bhaaskaran is the Pro-Vice-Chancellor. Govt. of India ranked VIT as 9th in university category, 10th in research category, 12th in engineering category and 18th in overall category (NIRF-2022 ranking). The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence.

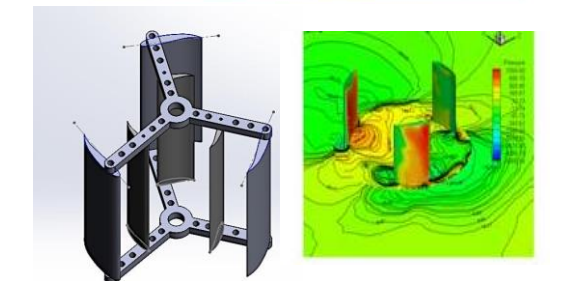
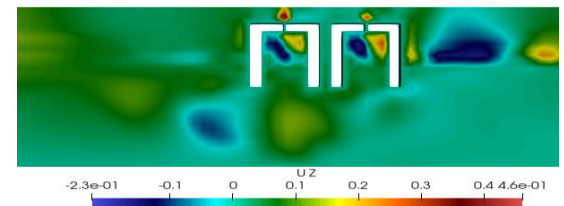
ROBERT GORDON UNIVERSITY, SCOTLAND, UK

Robert Gordon University provides industry led undergraduate and postgraduate courses leading to highly relevant awards and degrees. Situated on one of the most beautiful campuses in the UK, the university provides facilities that will have a real influence on your capacity to learn. RGU has a heritage going back 250 years and was awarded university status in 1992. Throughout its development, the university has remained committed to creating equal opportunities to access a relevant and valuable education. It is made up of eleven schools and offers over 300 courses ranging from engineering, architecture, computing, and life sciences to the creative industries, health and social care, and business. It has a student population of over 16,500, who study on-campus and online. The university is making significant investment to grow its globally impactful research in key areas including subsea, energy, sustainable transport; built environment visualisation; industrial biotechnology; smart data and artificial intelligence.



3rd International Webinar on Modeling Thermo-fluids

1st October 2022



Coordinators

R. Manimaran (SMEC, VIT Chennai, India)

Mamdud Hossain (SoE, RGU, Scotland, UK)

About SMEC (VIT Chennai)

School of Mechanical Engineering (SMEC) at VIT Chennai was established to impart state-of-the-art education, training and research in the field of Mechanical Engg. Mechatronics and Automation for under-graduate and postgraduate program (M.Tech.) in CAD/CAM, Mechatronics and Ph.D. / M.S. (Research). The school has established itself as the best mechanical engineering college in Chennai through its interdisciplinary approach and innovative teaching methods. The school consists of various research groups like Design & Automation, Manufacturing and Thermal & Automotive. The school is headed by **Dr. K. Annamalai**, Professor & Dean. The school has all the teaching faculty with doctorates giving high emphasis for research along with innovative teaching methods which helps to involve students in research and project based learning in the school. The research outcomes in the form of publications and patents are the testament to the world class, global standard infrastructure and research laboratory facilities available in the school.

About SoE (RGU Scotland)

School of Engineering at RGU develop Engineers with the ability to solve problems and to undertake challenging and complex projects in all walks of life. SoE combines a wide-range of expertise in engineering with purpose-built facilities and strong commercial links to provide well-rounded and practical education; supporting life-long-learning. SoE works closely with local, national and international companies to ensure that we continue to meets the demands of employers and their changing industries. The result is an impressive suite of flexible degree programmes at all levels. Research at the RGU's School of Engineering is aimed at providing innovative and practical solutions to industrial problems, with particularly strong industry focus on Advanced Materials, Instrumentation & Sensors, and Energy. The School of Engineering boasts modern, purpose-built laboratories and facilities, equipped with the very latest engineering technology, ensuring our academic and researchers always have access to 'the right tools for the job'. School of Engineering Staff boast a very wide range of expertise, reflected in the portfolio of innovative and flexible research programmes offered by the School.

ABOUT THE WORKSHOP

This webinar focuses on modeling the fluid dynamics and heat transfer phenomena from experimental/theoretical subjects. In this background, the objective of this webinar is to provide the basic knowledge of modeling the phenomena using software/experimental tools and extend to innovation with discussion in an open forum environment. In addition to keynote speakers, presenter is being sought from budding researchers (B.E / B.Tech / M.Sc / M.Tech / Ph.D / Postdoc).

RESOURCE PERSONS

India

Session 1 : (IST)10.00 AM to 10:40 AM - **Conjugate Heat Transfer in a Vertical Channel with Fins - Dr. R. Manimaran, SMEC, Vellore Inst. of Technology, Chennai, India**

Session 2 : (IST) 10.50 AM to 11:30 AM - **CFD Review - Dr. P. Padmanathan, SMEC, Vellore Inst. of Tech. Vellore, India**

Session 3: (IST) 11:40 AM to 12:20 PM – **Double diffusive mixed convection flow - Dr. A. Sathesh, SMEC, Vellore Inst. of Tech. Vellore, India**

United Kingdom

Session 4 : (IST) 02.00 PM to 02:45 PM - CFD Techniques - **Prof. Malalasekara, Loughborough University.**

Session 5 : (IST) 02.55 PM to 03:35 PM - **Production and Utilisation of Carbon-neutral Hydrogen from Biomass Waste - Prof. Manosh C Paul, Professor of Thermofluids, University of Glasgow, UK.**

Session 5: (IST) 3:45 PM to 4:25 PM - - **CFD Modelling of Multiphase Flow Induced Vibration at a Pipe Bend- Prof. Mamdud Hossain, Robert Gordon University, Aberdeen, UK**



VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)
CHENNAI



3rd International Webinar on Modeling Thermo-Fluids

1st October 2022
REGISTRATION FORM

Name :
Designation :
Organization :
Address for Correspondence:

PIN code :
Phone :
E-mail ID :

Date:

Signature