

REGISTRATION DETAILS:

Registration Web-Link :

<https://forms.gle/xqk2Xfz6QWd11CMP6>

PAYMENT DETAILS:

Payment Link :

<http://www.vitchennaievents.com/conf/>

Please search for "RAMS 2020" event

Registration Fee: Rs. 300/-

Registration is limited and on first come first served basis.

DATES TO REMEMBER

Last date for applying : **14th August 2020**

Confirmation to the participants : **18th August 2020**

*E-Certificate will be provided to registered participants only.

ADDRESS FOR COMMUNICATION

Dr. Gajanand Gupta

Assistant Professor (Sr.)

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Dr. Swagatika Mohanty

Assistant Professor (Sr.)

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School of Mechanical Engineering (SMEC)

VIT Chennai, Vandalur - Kelambakkam Road,

Chennai, Tamil Nadu, India - 600 127

VIT CHENNAI

VIT for the past 35 years has made a mark in the field of higher education in India imparting quality education in a multicultural ambience, intertwined with extensive application-oriented research. VIT was established with the aim to provide quality higher education on par with International Standards.

It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. VIT was established by a well-known educationalist and former parliamentarian, Dr. G. Viswanathan, Founder and Chancellor, a visionary who transformed VIT into a centre of excellence in higher technical education. **Govt. of India recognized VIT as an Institution of Eminence (IoE)**. ARIIA, Govt. of India recognized VIT as a No. 1 Private University for Innovation. MHRD, Govt. of India ranked VIT as No.18 among the Engineering Institutions (NIRF-2019 ranking). VIT Chennai is ably spearheaded by Dr. Sekar Viswanathan, Vice President, Dr. Sandhya Pentareddy, Executive Director, Dr. Anand A. Samuel, Vice-Chancellor and Dr. V. S. Kanchana Bhaaskaran, Pro-Vice-Chancellor. They share in the mission to make VIT a global centre. The focus is:

- To maximize the industrial connectivity
- To create Centers of Excellence in contemporary areas of research
- To enrich technological and managerial human capital nurtured in a multicultural ambience
- To provide a common platform for the agglomeration of ideas of personnel from various walks of life for learning enrichment
- To create opportunities and exploit the available resources to benefit industry/society
- To encourage participation in the National Agenda of knowledge building
- To foster international collaborations for mutual benefits in areas of research
- To maximize the Industrial connectivity
To create Centers of Excellence in contemporary areas of research
- To enrich Technological and Managerial Human Capital nurtured in a multicultural ambience

VIT – A Place to learn; A Chance to grow
VIT – Recognised as an Institute of Eminence (IoE)



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

Presents

**Online Technology Development
Programme
on
Reliability, Availability,
Maintainability and Safety
(RAMS 2020)**

August 22-23rd, 2020

Coordinators

Dr. Gajanand Gupta

&

Dr. Swagatika Mohanty

School of Mechanical Engineering

VIT Chennai



ABOUT SMEC

The 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 Engineering. SMEC provides undergraduate program B.Tech in Mechanical Engineering and postgraduate program M.Tech (CAD/CAM) and M.Tech (Mechatronics) and Ph.D. / M.Tech (Research). The School has qualified faculty members with an excellent theoretical background and valuable industrial experience in diverse fields like Design & Automation, Thermal, CAD/CAM, Manufacturing, Mechatronics, Energy & Environment, and Nanotechnology. The COVID '19 pandemic has shattered the regular academic activities. However, our SMEC team is still able to cope with the challenges and rise to the occasion by arranging the seminars, workshops, and conferences on a digital platform.

ABOUT THE PROGRAM

RAMS integrates reliability, availability, maintainability and safety in engineering to characterize a product or system. These are four system attributes that are of great interest to systems engineers, logisticians, and users. Collectively, they affect both the utility and the life-cycle costs of a product or system. It has become a rapidly growing engineering discipline to achieve safe, reliable, high-quality service and lower operating and maintenance costs. Therefore, many new technologies are being used in RAMS to address the significant issues in today's systems.

ONLINE MEETING

Participants are requested to attend the online meeting and discussion over Zoom online platforms. The detailed scheduled and meeting link would be announced later by an email after the registration and payment.

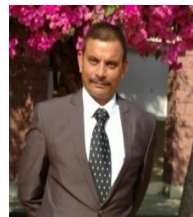
RESOURCE PERSONS



Prof. Uday kumar
Director, Lulea Railway Research
Centre, Lulea Technical University,
Sweden
Topic: Technology empowered
RAMS for engineering assets



Prof. Saroj K Patel
Professor
NIT Rourkela, India
Topic: Role of Quality Circle in
Industries



Prof. Ravi K Dwivedi
Professor,
MANIT Bhopal,
India
Topic: Safety Issues in current
industrial scenario



Prof. Rajiv Nandan Rai
Assistant Professor,
IIT Kharagpur, India
Topic: Ensuring Quality and Reliability
through Advanced Tools and Techniques



Dr. Mukul Verma
RAMS Consultant,
Gurugram, India
Topic: Redundancy
Management - Pitfalls and
Mitigation



Prof. Umasankar V.
Professor
VIT Chennai, India
Topic: Predictive Analytics



Mr. T. M. Venkatesan
Chairman & Mentor FOCUS-5
Approved faculty for QCI (Quality
Council of India)
Topic: Does India need KAIZEN
culture at this juncture?



Mr. T. N. Ganesh
Operation Excellence Consultant
Approved lean management consultant of NPC
(National Productivity Council)
Topic: Improving reliability of organizations
through Lean management principles



Prof. Rajesh P Mishra
Associate Professor
BITS Pilani, Pilani Campus,
India
Topic: Condition Monitoring