

## **IEEE IAS Virtual Panel Discussion**

(On Employment Challenges in the Post COVID-19 Era for Students & Young Professionals)

### **Panelists:**

1. Dr. Amit K. Gupta (Chief of Rolls-Royce Electrical (RRE) at Rolls-Royce Singapore Pte Ltd)
2. Dr. Uday Deshpande (CTO of D&V Electronics)
3. Mr. Deepak Mathur (Chief General Manager of ONGC, Gujarat, India and IEEE Region 10 Director-Elect)

**Moderated by** Dr. Tony Sebastian (Managing director of Halla Mechatronics, MI, USA and IAS President 2017/18)

"Success is how high you bounce when you hit bottom."  
~ General George Patton

Are you worried that how COVID-19 may affect our employment survival ?

IEEE Industry Applications Society (IAS) Professional and Career Development Resources for Members (PCDRM) group has organized a virtual panel discussion on Employment Challenges in the Post COVID-19 Era for Students & Young Professionals.

Join with us for this 90 minute discussion on 11th July 2020 and listen to the opinions of this elite panel of industry experts about this challenge.

Date: 11th July 2020  
Time: 4.00 - 5.30PM IST (GMT + 05.30)  
Broadcasted Via Webex

Register here : <https://bit.ly/ias-panel-discussion>

### **Speakers Bios:**

#### **Dr. Amit K. Gupta**

Dr. Amit K. Gupta is the Chief of Rolls-Royce Electrical (RRE) at Rolls-Royce Singapore Pte Ltd.

Prior to joining Rolls-Royce Singapore, Dr.Gupta worked for Bechtel Corporation, Samsung Heavy Industries, Delphi Automotive Systems and Vestas Wind Systems. At Rolls-Royce, he is responsible for driving Electrification for Aerospace, Land and Sea through his team in Asia. Earlier, he was a Program Leader for Electrical Drive Systems in Vestas Technology R&D Singapore. This group delivered solutions for Vestas V90, V112 and V164 turbine platforms.

Dr. Gupta holds a bachelor's degree in electrical engineering from the Indian Institute of Technology (IIT)-Roorkee and a Ph.D. in Electrical Engineering from National University of Singapore (NUS). To date he has been granted 32 patents and filed another 30 patents. He has also published more than 135 papers in international conferences and journals. He is an Adjunct Professor with ECE, NUS and EEE, NTU.

He holds a six sigma Green Belt Certificate from Delphi Automotive Systems and trained in six sigma Black Belt techniques through Vestas Wind Systems.

### **Dr. Uday Deshpandey**

Dr. Uday Deshpande is the CTO of D&V Electronics, a maker of special test equipment used in automotive, military and defense applications for testing electrical systems and EV components.

Prior to joining D&V, Dr. Deshpande held global engineering leadership positions in companies such as CNH Industrial, Ingersoll Rand, General Atomics, Black & Decker. He has worked on projects from electric power steering to electric drivetrain in automotive, on electromagnetic aircraft launch and recovery systems, electrification and autonomy for agriculture equipment, connected products and services. His areas of technical focus are electrical and electromechanical systems and their applications in various applications.

Dr. Deshpande received his B. Tech.(Hons.) degree from the Indian Institute of Technology, Kharagpur, India and the MS and PhD degrees from the University of Kentucky, USA, all in Electrical Engineering. Dr. Deshpande has several patents and publications to his name and is a Senior Member of IEEE.

### **Mr. Deepak Mathur**

Mr. Deepak Mathur is the Chief General Manager of ONGC, Gujarat, India, the largest crude oil and natural gas Company in India, contributing around 75 per cent to Indian domestic production.

Mr. Deepak Mathur has 35-years of professional career in fields of electronics, telecommunication, IT infrastructure and has held various engineering and managerial positions. He has successfully done planning and executions of several IT projects like SCADA, on-line/real-time monitoring systems, IT Infrastructure creation, Wi-Max based broadband wireless access system, GPS/GSM based vehicle tracking system etc. and has led teams of IT professionals and multi-disciplinary teams. He has also experience of working on Hi-Tech (Oil) Well Logging Systems to analyze the properties of subsurface to explore the possibility of hydrocarbons.

Mr. Mathur has a bachelor of engineering degree in Electronics and Communications from IIT, Roorkee and an MBA. He has also completed Advance Management Program from IIM, Calcutta. Mr. Deepak Mathur is the IEEE Region 10 Director-Elect. He has served in many leadership roles in IEEE at Section, Council, Region and MGA.

### **Dr. Tomy Sebastian**

Dr. Tomy Sebastian is the Managing director of Halla Mechatronics, MI, USA.

Prior to joining Halla Mechatronics, Dr. Sebastian held engineering leadership positions in Nexteer Automotive in Saginaw, MI, Black and Decker Corporation, Towson, MD, and R & D Center of KELTRON, Trivandrum, India.

Dr. Sebastian also taught several courses on Power Electronics, Motor Drives and Advances Motor Design at University of Toronto, Ontario, Canada, University of Maryland, MD, and The Ohio State University, OH at various times. Dr. Sebastian has done extensive research in the area of permanent magnet motor design and control issues and applications in steering systems. He has published over 45 technical articles and holds 25 US patents.

Dr. Tomy Sebastian received the B.Sc. (Eng.) degree from Regional Engineering College Calicut (presently National Institute of Technology, Calicut), India, the M.S. degree from Indian Institute of Technology Madras, MA.Sc. and Ph.D. degrees from the University of Toronto, Canada.

Dr. Tomy Sebastian was the President of IEEE Industry Applications Society from 2017 to 2018. He has been an IEEE fellow since 2003 and has held several IEEE leadership positions.