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## 2022 IEOM Awards – 2nd India International Conference

### IEOM Distinguished Leadership Award

**Prof. N. V. Ramana Rao**

Director, NIT Warangal, India

**Prof. Katta Narasimha Reddy**

Vice-Chancellor, JNTU, Hyderabad, India

**Prof. D P Agrawal**

Former Chairman of UPSC, New Delhi

### IEOM Distinguished Educator Award

**Prof. Prasad Yaralagadda,**

School of Mechanical, Medical & Process Engineering, Queensland University of Technology, Australia

**Dr. Devinder Banwet**

Vice Chancellor Founding University of Engineering & Management, Kolkata, India  
Professor Emeritus, IIT Delhi

### Distinguished Industry Achievement Award

**Mr. Kajal Chatterjee**

DGM, HCL Technologies Ltd., India

**Cdr. Dr. Bhaskar Bhandarkar**

Director General  
Institution for Innovation Industrial Engineering and Entrepreneurship India and  
Former Chairman Indian Institution of Industrial Engineering

### Distinguished Professor Award

**Prof. Sarat Singamneni**

Mechanical Engineering, Auckland University of Technology, New Zealand

**Prof. Dr. Torbjørn Netland**

Chair of Production and Operations Management (POM)  
Swiss Federal Institute of Technology, ETH Zurich, Switzerland

**Prof. Devdas Shetty**

Dean & Professor, Department of Mechanical Engineering  
University of District of Columbia, USA

**Prof. Venkatesh Raikar**

Director, KLE Technological University, Hubli  
Former Vice Chancellor, Sanjay Ghodawat University, Kolhapur

**Prof. Adepu Kumar**

HOD, Department of Mechanical Engineering, NIT Warangal

**Prof. M. Indira Rani**

Head, Department of Mechanical Engineering JNTU,  
Hyderabad, India

### Outstanding Professor Award

**Dr. Ratna Babu Chinnam**

Professor & Chair of Industrial & Systems Engineering Department  
Wayne State University, Detroit, Michigan USA

**Dr. Virupaxi Bagodi**

Principal, Government Engineering College, Talakal, Karnataka

**Prof. A Venugopal**

Professor (HAG) - Mechanical Engineering, NIT Warangal

**Prof. G Krishna Mohana Rao**

Mechanical Engineering Department, JNTU, Hyderabad, India

### IEOM Woman in Industry and Academia Award

**Prof. R. Neela Ravindran**

Department of Manufacturing Engineering  
College of Engineering, PUNE

**Prof. Sindu**

Director, School of Management Science, JNTU

**Prof. V Rama Devi,**

School of Management, NIT Warangal

### IEOM Global Engineering Education Award

**Dr. Mohammed Muzammil**

Chairman, Department of Mechanical Engineering  
Aligarh Muslim University, Aligarh

**Prof. K Rama Krishna**

Dean, KL University, Vijayawada

**Prof. P Bangaru Babu,**

Professor (HAG) - Mechanical Engineering, NIT Warangal

**Prof. GK Viswanadh**

Professor & Director, UGC-HRDC , JNTU Hyderabad

### IEOM Industry 4.0 Teaching Award

**Dr. M.S. Uppin**

Professor and Head of Department Industrial & Production Engineering  
P.D.A. College of Engineering Kalaburagi, India

**Prof. V Vasu**

Professor, Department of Mechanical Engineering, NIT Warangal

### Industry Solutions Award

**Faizan Ahmed Khan**

Senior General Manager (Head of Solutions & Delivery Excellence)  
ITC Infotech India Pvt Limited, Bengaluru, India

**Sandeep Karwa**

PMO Global Program Manager  
GE Current/Hubbell Lighting, USA

**Dr. Phani Raja Kumar Kataru**  
Tech Mahindra Americas Inc., Dallas, TX, USA

### SCM Teaching Excellence Award

**Dr. G.V.R.K. Acharyulu**  
Professor, School of Management  
University Hyderabad Central University, India

### IEOM Distinguished Service Award

**Dr. V. Vasu**, Professor, Department of Mechanical Engineering, NIT, Warangal, India

**Dr. M. Manzoor Hussain**, Registrar, JNTU, Hyderabad, India

**Dr. Qutubuddin S.M.**, Associate Professor, P.D.A. College of Engineering, Kalaburagi, India

### IEOM Faculty Advisor Award

**Dr. Krishnanand Lanka**  
Professor – Mechanical Engineering Department, NIT, Warangal

**Prof. G Naga srinivasulu**, Nit Warangal  
Professor- Department of Mechanical Engineering

**Dr. M. Sreenivasa Rao**  
Professor - Department of Mechanical Engineering, JNTUH UCE, Hyderabad

**Dr. Abid Ali Khan**  
Professor, Department of Mechanical Engineering, ZHCET, AMU, Aligarh

**Dr. Chandra Sen Mazumdar**  
Assistant Professor FMC, RUAS, Bengaluru

**Dr. Ganesaraman K.**  
Adjunct Professor, RUAS, Bengaluru

**Dr. Johnny Khajuria**  
Mahant Bachittar Singh College of Engineering and Technology, Jammu, J&K State, India

### IEOM Outstanding Student Chapter Award

Mohsina (President, IEOM NITW Student Chapter)  
Swapnil S Patil (Gen Sec, IEOM NITW Student Chapter)

### IEOM Outstanding Student Leadership Award

Mohsina, MTech ((MSED) Mechanical Engineering Department NIT Warangal  
Swapnil Patil Mtech ((Computer Integrated Manufacturing), Mechanical Engineer  
Amarnath Biswal, B.tech (3rd yr) Mechanical Engineering Department NIT Warangal  
Budumuru Rohit Kumar, MTech (Manufacturing) M.TECH, NIT Warangal  
Sreeja Reddy Kattakommula, B.Tech(2nd yr), Electrical and Electronics engineering NIT Warangal  
Anuj Kumar, Ph.D, Mechanical Engineering, NIT Warangal  
P Jyotish, Ph.D, Mechanical Engineering, NIT Warangal  
Rahul Ruben Raj, B.Tech(4th year), Chemical Engineering, NIT Warangal

Lingannapeta Sahith, II B.Tech, JNTU, Hyderabad  
Aleti Sanath, II B.Tech, JNTU, Hyderabad  
Dhonisharam Shiva, II B.Tech, JNTU, Hyderabad  
Osman Pasha, III B.Tech, JNTU, Hyderabad  
Praphul Hampapuram, II B.Tech, JNTU, Hyderabad  
Narayana Reddy, M.Tech (ED), JNTU, Hyderabad  
Dhanavath Pranay Naik, M.Tech (AMS), JNTU, Hyderabad

Miss.Someshwari Agre, PDA College of Engineering, Kalaburagi  
Miss. Sampatibai, PDA College of Engineering, Kalaburagi  
Adnan Qadir Shaikh, PDA College of Engineering Kalaburagi.

## Competition Awards

### Undergraduate Student Paper Competition Sponsored by SIEMENS

#### 1st place winner

##### **ID 71 Smart Parking System using Object detection**

Y Neha, N Samyuktha, B Gayathri, A.Charith and V.Saritha, Department of Electronics and Communication Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh, India

#### 2nd place winner

##### **ID 172 Cloud-based Application to Leverage the Coding in Education Institutions**

Rakhi Wajgi, Abhishek Yadav, Akshit Panday, Prathamesh Fulkari, and Sarthak Chafle, Department of Computer Technology, Yeshwantrao, Chavan College of Engineering, Nagpur, India

##### **ID 457 The Effect Of Social Responsibility Disclosure, Carbon Emission Disclosure, Green Investment, and Financial Performance Toward Firm Value: The Case Of Indonesia**

Triyani, Accounting Department, School of Accounting, Bina Nusantara University, Jakarta, Indonesia  
Toto Rusmanto, Accounting Department, School of Accounting, Bina Nusantara University, Jakarta, Indonesia

#### 3rd place winner

##### **ID 633 Fabrication of Quadcopter with Face Recognition for Surveillance**

Pepakayala Hemanth, Subhrajit Behera, and R. Janaki Ramudu, B.Tech, Department of Mechanical Engineering, Vignan's Institute of Information Technology (A), Visakhapatnam, India  
P. Jaya Krishna, B.Tech, Department of Electronics and Communication Engineering, Vignan's Institute of Information Technology (A), Visakhapatnam, India  
N.V. S. Shankar, Associate Professor, Department of Mechanical Engineering, Vignan's Institute of Information Technology (A), Visakhapatnam, India  
Girish Bhiogade, Associate Professor, Department of Mechanical Engineering, Vignan's Institute of Information Technology (A), Visakhapatnam, India

### Graduate Student Paper Competition sponsored by EATON Corporation

#### 1st place winner

##### **ID 406 A Study to Mitigate Remote Learning and Teaching Challenges among Rural and Urban Students and Teachers in Karnataka**

Nischita TV, Lohith H, Jushwanth Yadav M N, Rakshitha N R, Poorvi V, Unni  
Krishnan R, Shakeel K, Prathviraj Vernekar, Sakshi Phaugat, Arun Bhat and Nisha Francis, Faculty of Management and Commerce, M.S. Ramaiah University of Applied Sciences, Bengaluru, Karnataka, India

#### 2nd place winner

##### **ID 219 5 DOF wireless hand motion controlled robotic arm**

Gunishetty Sumithra, National Institute of Technology, Warangal, India  
S. Kousalya , R. Chandrahaas, E. Sreeja Rao, G. Nikitha, Ch. Venkata Krishna Reddy Karthik M. Rathod , N. Shravan Kumar Student, Department of Mechanical Engineering, Kakatiya Institute of Technology & Science, Warangal  
K. Raja Narendra Reddy Professor & HOD, Department of Mechanical Engineering Kakatiya Institute of Technology & Science, Warangal

### Undergraduate Research Competition

#### 1<sup>st</sup> place winner

##### **ID 100 Breast Cancer detection using six different algorithms**

Deshpande Arnav Sunil, Saloni Parekh, Anish Pattnaik and Ayushmaan Agarwal School of Computer Science and Engineering, Vellore Institute of Technology Vellore, India  
C. G. Mohan School of Mechanical Engineering, Vellore Institute of Technology Vellore, India

#### 2<sup>nd</sup> place winner

##### **ID 481 Analysis of E-Commerce Repurchase Intention by Consumers during the Covid-19 Pandemic Based on Social Network Behavior**

Grecia Ximena Mendoza Fernandez, Fiorella Giuliana Riojas Rebata and Yvan Jesus Garcia Lopez, Facultad de Ingeniería y Arquitectura, Carrera de Ingeniería Industrial, Universidad de Lima, Lima, Perú

## 3<sup>rd</sup> place winner

### **ID 583 Work-related Postural Risk Assessment of welding operators using Digital Human Modeling in CATIA**

Adnan Qadeer Shaik, Qutubuddin S.M. and Deepak, Basavaraj, Shoaib, Students, Industrial and Production Engineering Department, P.D.A. College of Engineering, Kalaburagi, India

## High School STEM Competition

### **ID 638 Measuring the Ergonomic Risk Factors Associated with the perceived risk of COVID-19: a CASE STUDY OF Residents in the Philippines**

Brian Kenneth F. Nanale, Neil Ivan B. Bayer, Robert Ephraim C. Pabiling, Senior High School Mapúa University, Manila, Philippines  
Ma. Janice J. Gumasing, School of Industrial and Engineering Management Mapúa University, Manila, 1002, Philippines

## Doctoral Dissertation Competition

### 1<sup>st</sup> place winner

#### **ID 659 The Evaluation of HVAC Systems Design, Operation and Maintenance Strategies for Improved IAQ in India**

Raza Ahmed Khan, Research Scholar, Jawaharlal Nehru Architecture and Fine Arts University, Hyderabad, India

### 2<sup>nd</sup> place winner

#### **ID 230 Development of a Framework to Assess the impact of Information and Communication Technology (ICT) Deployment in Supply Chain Management (SCM)**

Prashant R. Nair, Department Of Computer Science & Engineering, Amrita Vishwa Vidyapeetham, Coimbatore, India  
S.P. Anbuudayasankar, Professor, Department of Mechanical Engineering, Amrita Vishwa Vidyapeetham, Coimbatore

### 3<sup>rd</sup> place winner

#### **ID 619 A Literature Review on Affiliate Marketing in E-commerce**

Julius Solichin, Student of Doctor Research in Management, BINUS Business School, Bina Nusantara University, Jakarta, Indonesia  
Mohammad Hamsal, BINUS Business School Doctor of Research in Management, Bina Nusantara University, Jakarta, Indonesia  
Asnan Furinto, BINUS Business School Doctor of Research in Management, Bina Nusantara University, Jakarta, Indonesia  
Rano Kartono, BINUS Business School Doctor of Research in Management, Bina Nusantara University, Jakarta, Indonesia

## Master Thesis Competition

### 1<sup>st</sup> place winner

#### **ID 406 A Study to Mitigate Remote Learning and Teaching Challenges among Rural and Urban Students and Teachers in Karnataka**

Nischita TV, Lohith H, Jushwanth Yadav M N, Rakshitha N R, Poorvi V, Unni Krishnan R, Shakeel K, Prathviraj Vernekar, Sakshi Phaugat, Arun Bhat and Nisha Francis, Faculty of Management and Commerce, M.S. Ramaiah University of Applied Sciences, Bengaluru, Karnataka, India

### 2<sup>nd</sup> place winner

#### **ID 648 Parametric Study of Conventional, Diagrid and Hexagrid Structural Systems**

Rahul D. Sangale, Department of Civil Engineering, College of Engineering, Pune, Maharashtra, India  
A. R. Akhare, Department of Civil Engineering, College of Engineering, Pune, Maharashtra, India

### 3<sup>rd</sup> place winner

#### **ID 637 Seismic Assessment of Pipe Rack Considering Coupled and Decoupled Case**

Heena A. Shaikh, Department of Civil Engineering, College of Engineering, Pune, Maharashtra, India  
I. P. Sonar, Department of Civil Engineering, College of Engineering, Pune, Maharashtra, India

## Human Factors and Ergonomics Competition

### 1<sup>st</sup> place winner

#### **ID 46 Ergonomics and Anthropometry considerations in design of workstation**

Pooja Aloorkar, Qutubuddin S.M., Mohammed Ahmed Hussain, Musa Adekunle Ibrahim  
P.D.A. College of Engineering, India

### 2<sup>nd</sup> place winner

#### **ID 216 Assessment of Neighborhood Environmental Quality and Its Impact on Health and Lifestyle of Residents in Bengaluru**

G Devakumar, Akshay Kumar G R, Bhargav S, Grandhim Rajesh Sai Karthik, Janardhan M K, Sachin Ramappa Hosalli, Sai Anudeep, Sai Rahul, Sandesha, Santosh V Hurakadli and Swaroop S, Department of Management Studies, Faculty of Management and Commerce, M.S. Ramaiah University of Applied Sciences Bengaluru, Karnataka, India

### 3<sup>rd</sup> place winner

#### **ID 448 Design of Hand Tools (Raghawal and Raghawal Patti) and Improvement of Workstation Design in Dal Mill using CATIA**

Someshwari Agre, Student, Department of Industrial & Production Engineering, P.D.A. College of Engineering, Kalaburagi, India  
Qutubuddin S.M., Associate Professor, Department of Industrial & Production Engineering, P.D.A. College of Engineering, Kalaburagi, India  
Smita Shabadi and Rudreshwar Hiremath, Students, Dept. of Industrial & Production Engineering, P.D.A. College of Engineering, Kalaburagi, India  
Pooja Alookar, Trainee Engineer, Epiroc India

### Lean Six Sigma Competition sponsored by Tooling Tech Group

#### 1<sup>st</sup> place winner

#### **ID 661 Ranking the important Failure Factors of Lean Six Sigma deployment through Pareto Analysis**

Anand S. Patel and Kaushik M. Patel  
Mechanical Engineering Department  
Institute of Technology, Nirma University  
Ahmedabad, India

### Simulation Competition

#### 1<sup>st</sup> place winner

#### **ID 83 Application for Stochastic Net Present Value (NPV) Estimation and Sensitivity Analysis**

Uday Jagannathan, Ramaiah University of Applied Sciences, India  
K.M. Sharath Kumar Professor and Head, Faculty of Management and Commerce M.S. Ramaiah University of Applied Sciences, Bangalore, India

### Supply Chain and Logistics Competition

#### 1<sup>st</sup> place winner

#### **ID259 Enhancing Sustainable Maritime Business through Lean, Agile, Resilience and Green(LARG) Performance Model in Indian Seaport Supply chain Operations**

Prathvi Thumbe Narasimha, National Institute of Technology Karnataka India  
Pradyot Ranjan Jena, Associate Professor School of Management, National Institute of Technology Karnataka, Surathkal, Dakshina Kannada, Karnataka, India  
Ritanjali Majhi, Associate Professor School of Management, National Institute of Technology Karnataka, Surathkal, Dakshina Kannada, Karnataka, India

#### 2<sup>nd</sup> place winner

#### **ID 210 Understanding the Sentiments on Logistics in the Post-Covid Era**

Soumya Varma, Indian Institute of Management, Sirmour, India