



R.M.K. ENGINEERING COLLEGE

AN AUTONOMOUS INSTITUTION

RSM Nagar, Kavaraipettai, Gummidipoondi Taluk Thiruvallur District-601 206.
Affiliated to Anna University, Chennai /Approved by AICTE, New Delhi/ Accredited by NAAC with A+ grade / ISO
9001:2015 Certified Institution All the eligible UG programs are accredited by NBA, New Delhi



Department of Mechanical Engineering



AICTE-ISTE SPONSORED INDUCTION/REFRESHER (ONLINE) PROGRAMME
ON

DESIGN AND DEVELOPMENT OF PRODUCTS AND SERVICES

16th – 21st November 2020



STAY HOME

STAY SAFE

PROGRESS THROUGH LEARNING



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Department of Mechanical Engineering

AICTE-ISTE SPONSORED INDUCTION/REFRESHER (ONLINE) PROGRAMME

"DESIGN & DEVELOPMENT OF PRODUCTS AND SERVICES"

16th – 21st November 2020



About the Programme:

Design as a strategic tool for business success is being increasingly recognized. Based on the success of many design led organizations, corporations are putting design at the Centre of their strategy, and appointing designers to top management positions. Design thinkers and practitioners are being recruited in large numbers. The Government of India have in recent years embarked on several initiatives like, "Make in India", "Start-up Economy" and "Atma Nirbhar", which recognize the relevance and need for specialized knowledge on Product Design & Development. This Faculty Development Program aims to introduce this subject to the faculty and to create an awareness on the growing prospects for the budding engineers. Design curricula are being revamped with focus on industry relevance and national needs. Traditional design knowledge is insufficient in this context. By attending this program, faculty will get the needed exposure to the various phases of Product Design and Development. This will also enhance their understanding of interaction between engineers of various disciplines needed for developing new products and services. Faculty would be able to appreciate the need for encouraging students to undertake more practical and industry relevant projects for developing innovative products.



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Department of Mechanical Engineering AICTE-ISTE SPONSORED INDUCTION/REFRESHER (ONLINE) PROGRAMME "DESIGN & DEVELOPMENT OF PRODUCTS AND SERVICES"




16th – 21st November 2020

SCHEDULE-Monday, 16th November

Time	Speaker	Topic
09:30 – 9.50Hrs.	Inaugural Function	
09:50 – 10.50Hrs.	Dr.Amaresh Chakrabarti Chairman & Professor CPD, IISc Bangalore 	Inaugural Lecture <i>Need for PDD and Strategic Importance</i>
10:50 – 12:00 Hrs.	Dr.K.Chandrasekaran Dean(Academic) R.M.K Engineering College 	<i>Product Development Process - Product Planning</i>
12:10 – 13:20 Hrs.	Sri.K.R.A.Nair Former. Exec. Director- Development Lucas -TVS Ltd. Chennai 	<i>My experiences as a Product Developer</i>
14:30 – 16:00 Hrs.	Dr.Ramesh Shankar Program Manager Autodesk, Bangalore. 	<i>Product Development Tools and Practices</i>

SCHEDULE-Tuesday, 17th November

Time	Speaker	Topic
09:30 – 10:40 Hrs.	Mr.P.Ramesh Assistant Professor R.M.K Engineering College 	<i>Identifying Customer Needs</i>
10:50 – 12:00 Hrs.	Mr.S.Shanmugam CEO, Design Desk India Pvt. Ltd. Chennai. 	<i>Product Specifications Target Costing</i>
12:10 – 13:20 Hrs.	Dr.M.V.K.Sarma Vice-President – Solutions Tata Medical and Diagnostics Ltd., Chennai 	<i>Emerging Role of Analytics in Product Development</i>
14:30 – 16:00 Hrs.	Dr.S.Manivasagam Global Head -Vehicle Development, Tata Technologies, Pune 	<i>CAE Simulations in Automotive Products Development</i>

13.20 To 14.30 Lunch Break*



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“DESIGN & DEVELOPMENT OF PRODUCTS AND SERVICES”

16th – 21st November 2020

SCHEDULE-Wednesday, 18th November

Time	Speaker	Topic
09:30 – 10:40 Hrs.	Dr.K.Chandrasekaran Dean(Academic) R.M.K Engineering College	<i>Concept Generation</i>
10:50 – 12:00 Hrs.	Dr. Aishwarya Bhargav Co-founder Peachderm Healthcare Pvt.Ltd. Bangalore.	<i>The Bio-design Process</i>
12:10 – 13:20 Hrs.	Dr.N.Sivaprasad Pro Vice-Chancellor, GITAM University Hyderabad.	<i>Design Thinking in Product and Services Design</i>
14:30 – 16:00 Hrs.	Mr.P.Ramesh Assistant Professor RMK Engineering College	<i>Concept Selection,- Screening, Scoring and Concept Testing</i>

SCHEDULE-Thursday, 19th November

Time	Speaker	Topic
09:30 – 10:40 Hrs.	Mr.Alex Alexander GM, CESF/MME LPSC, ISRO, Valiamala	<i>Challenges in the realization of liquid rocket engines and the road ahead</i>
10:50 – 12:00 Hrs.	Mr.Syed Mubasheer Ali Director, D-Espat Pvt. Ltd. Chennai	<i>Design for Manufacturing</i>
12:10 – 13:20 Hrs.	Mr.S.Krishnakumar Former Sr.Vice.President(Dvpt) Lucas-TVS Ltd Chennai	<i>Prototyping</i>
14:30 – 16:00 Hrs.	Dr.Viji Krishnamurthy Sr.Director, Product Management Oracle,USA	<i>Relevance of Emerging Technologies in Product Development</i>

13.20 To 14.30 Lunch Break*



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Department of Mechanical Engineering ISTE-AICTE SPONSORED FACULTY DEVELOPMENT (ONLINE) PROGRAMME "DESIGN & DEVELOPMENT OF PRODUCTS AND SERVICES"



16th – 21st November 2020

SCHEDULE-Friday, 20th November



Time	Speaker	Topic
09:30 – 10:40 Hrs.	Mr.Rajaram Venkatraman CEO, Veltech TBI, Chennai. 	<i>Role of Technology Business Incubators in Entrepreneurship Development</i>
10:50 – 12:00 Hrs.	Mr.Govind Kumar Founder & CEO Seaport Ai, Chennai 	<i>Image Analytics in Product Development</i>
12:10 – 13:20 Hrs.	Mr.S.Krishnakumar Fmr.Sr.V.P(Dvpt) Lucas-TVS Ltd Chennai 	<i>Risk, Reliability and Safety</i>
14:30 – 16:00 Hrs.	<i>Evaluation</i>	<i>Online Test</i>

SCHEDULE-Saturday, 21st November

Time	Speaker	Topic
09:30 – 10:40 Hrs.	Dr.Jia Deng Assistant Professor Dept. of Systems Sciences & Industrial Engineering, Thomas J. Watson School of Engg. & Applied Sciences State University of New York at Binghamton, USA. 	<i>Additive Manufacturing for Medical Applications</i>
10:50 – 12:00 Hrs.	Dr.Bharat Visa Psychiarist, Melbourne, Australia 	<i>Effect of COVID-19 on Mental Health</i>
12:10 – 13:20 Hrs.	Valedictory Function	



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Speakers Profile



Dr.K.Chandrasekaran (Co-Ordinator)

Dean(Academic),R.M.K Engineering College

kesavan.chandrasekaran@gmail.com

Dr.K. Chandrasekaran possesses a Bachelor's Degree in Mechanical Engineering from the University of Madras, along with a Master of Technology degree in Engineering Mechanics and a Doctoral Degree in Aeronautical Engineering both from the Indian Institute of Technology Madras. He has over 31 years of teaching and research experience in the colleges under the Directorate of Technical Education and in Anna University. He served in the College of Engineering, Guindy, a constituent of Anna University in various capacities including the Headship of Department of Mechanical Engineering. Prior to joining the R.M.K. Engineering College in 1998, he was the Director of AU-FEG Institute for CAD / CAM, Anna University. He has undertaken several funded projects with external funding of more than Rs.40 Lakhs from various funding agencies. He has guided to completion 4 doctoral scholars and has over 30 publications in International Journals and International Conference Proceedings. He has been a consultant to many automotive industries in Chennai.

Dr.Amaresh Chakrabarti

Chairman & Professor,CPD, IISc Bangalore

amareshchakrabarti@gmail.com



Dr.Amaresh Chakrabarti is a Senior Professor and current Chairman for Centre for Product Design & Manufacturing, Indian Institute of Science (IISc), Bangalore. He has B.E (Topper in Mech Engg, IIST Shibpur), M.E (topper in Mech Design, IISc) and PhD (Engg Design, Univ of Cambridge UK). He led for 10 years the Design Synthesis group at EPSRC CoE Engg Design Centre at Univ of Cambridge. His interests are in synthesis, creativity, sustainability, and informatics. He published 16 books, over 300 peer-reviewed articles, and has 11 patents granted/pending. He co-authored DRM, a methodology used widely as framework for design research. He has been Associate Editor, AI EDAM & Design Science Journal (Cambridge University Press)

He founded IDEASLab – India's first Design Observatory. He is Programme chair for Intl Conf Series on Research into Design (ICoRD), 22nd CIRP Design Conf 2012, 3rd Intl Conf on Design Creativity 2015 (3rd ICDC) and vice-Chair for AI in Design and Design Computing & Cognition Conferences. He is an Honorary Fellow of Institution of Engineering Designers, the peer society under the UK Royal Charter in engg design, and TUM Ambassador Awardee from TU Munich Germany. 16 of his papers won top paper awards in international conferences. He co-initiated India's first Smart Factory R&D platform. He also heads IISc-TCS Innovation Lab, IISc Press, and Springer International Book Series on Design Science & Innovation.



Sri.K.R.A.Nair

Fmr.Exec. Director- Development

Lucas-TVS Ltd,Chennai

knair62@gmail.com

Mr K.R.A.Nair, after obtaining post graduate degree from IIT Bombay, has been in R&D and Engineering management in large corporate for many years and has recently retired as Executive Director, Development from LUCAS TVS. He introduced LEAN PRODUCT DEVELOPMENT practices and PLM in LUCAS TVS for the last 15 years. With over 50 years in managing new product development, Mr Nair has guided a number of electric, electronics, mechanical and lighting products for various automotive applications. He was associated with many educational institutions in India and has delivered many lectures and tutorials.

He is a member of SAE and IEEE.

His special interest areas are Innovation management, creativity and New Product Development systems and design thinking. His current interest is in the field of Electric Mobility.

He was actively involved in new product innovation and holds 25 patents to his name.

Dr.Ramesh Shankar

Program Manager Autodesk, Bangalore.

Mobile:9535001287



He has varied experience in the fields of Product Design, Robotics, Automotive Design and Design Research. **Dr. Ramesh Shankar** has been involved in research for the past 20 years. He is working as Program Manager for Autodesk. & worked an Expert MECHANICAL ENGINEERING DESIGN - CAD from India for the Worldskills 2013 at Leipzig, Germany and Worldskills 2015 at Sao Paulo, Brazil. He is focused on introducing Autodesk's 3D Design products to the next generation of architects, engineers and designers by driving compelling programs to influence the design pedagogy across Higher Education in India. He is an innovation specialist, Mechanical designer, inventor, researcher based in Bangalore.



Mr.S.Shanmugam

CEO, Design Desk India Pvt. Ltd.,Chennai.

shanmugams@ddipl.com

- Mr.Shanmugam Sivaraman completed his Bachelor's degree in Automobile Engineering from Institute of Road and Transport Technology, Erode in 1988.
- He completed his Master's degree in Automobile Engineering from Madras Institute of Technology, Chennai in 1991.
- He is an Engineer, an Instructor, an Entrepreneur and a Volunteer.
- He is a founder Director, Design Desk (India) Private Limited, Chennai, an Engineering Services Company started in 1993.
- DDI has completed 3400+ Projects, 150+ products and 9 Consulting assignments for companies in India and Abroad.
- He has worked extensively in Design Thinking, Engineering Design and Reverse Engineering.
- His current interest is in Artificial Intelligence in the applications areas of Autonomous Vehicles, Electric Vehicles and in Machine Condition Monitoring.
- He was a keynote speaker in Product Development and Management Association's 29th PDMA International Conference held at San Diego, USA in Oct 2005.
- He is Chairman, SAEINDIA Southern Section for the term 2018-2020.

Dr.S.Manivasagam

Global Head -Vehicle Development,

Tata Technologies, Pune

Mobile:9881234395



Dr. Manivasagam is the Global Head of Vehicle Engineering at Tata Technologies. His current focus areas include vehicle performance integration and simulation driven design and development

Before joining Tata Technologies, he served Onward Technologies USA as Chief Technical officer from 2016-2018 and Onward Technologies India as Global Delivery Head from 2010 to 2016.

He worked as General Manager- Product Engineering for Kirloskar Copeland Ltd (Currently Emerson Climate Technologies Ltd.) during 1998-2003 where he set-up their state-of-the-art research and development facility. He served as General Manager-Corporate R&D for India Pistons Ltd from 2003 to 2005.

Dr. Manivasagam received PhD in 1994, for his research work on Damage Progression Studies in Composite Materials from Anna University, Chennai. He holds Master's Degree in Engineering Design from Anna University and Bachelor's Degree in Mechanical Engineering from University of Madras



Dr.M.V.K.Sarma

Vice-President – Solutions

Tata Medical and Diagnostics Ltd.,Chennai.

sarmamvk2002@yahoo.com

Dr. Sarma M.V.K is a well-rounded experienced professional spanning over 30 years focused on contribution towards wealth creation and IP assets creation demonstrated through proven expertise in architecting, building & implementing enterprise class Platforms & products, Digital Transformation, Business Process Reengineering & Consulting, and Operations Management.

Built several software IP based products covering the Enterprise Application space which include Transaction processing systems , Information Systems and Decision Support Systems & Analytical Models using various quality frameworks, methodologies, technologies and deployments topologies including Software as a service, Platform as a Service, Cloud Offerings and mobile based.

Is a turnaround & transformation strategist and has proven expertise to conceptualize, build and run assigned operations as Profit Centers and Centers of Excellence from startups which include new products, platforms, services and operations. Has deep experience on improving, designing, developing and implementing “Waste less” production systems through Business Process Reengineering, Lean manufacturing systems and JIT methodologies. Is a certified Green belt and trained professional in ISO 9000, CMM, CMMI, PCMM, and QS 9000 quality models.

Have represented in several events as an extremely successful keynote speaker and provided thought leadership on BI & Analytics related topics. Has published papers on IT, Performance Management, Intelligence Systems to acclaimed journals and also authored a book on Business Intelligence.

His areas of expertise, interest and research are in the areas of architecting and building next generation software solutions that help companies “Measure- Monitor- Manage- Analyze-Plan – Optimize” their information flow to gain and sustain distinct competitive advantage.

Dr. Sarma is a Mechanical Engineer followed by Post Graduation in Industrial Engineering from one of the premier Indian Management Institutes viz., NITIE with specialization in Operations and Systems and a Ph.D. with core concentration on Business Intelligence. Attended Leadership Programs conducted by University of Michigan and Harvard University. Is a Fellow member of Institution of Engineers (India), Member of Indian Academy of Applied Psychology and Member of Indian Association of Medical Informatics. Currently is working as Vice President with Tata Medical and Diagnostics Limited Company. Prior to that was working with TCS, Ramco Systems. Crompton Greaves, and TVS.



Dr. Aishwarya Bhargav

Co-founder-Peachderm Healthcare Pvt.Ltd., Bangalore.

Mobile: 9884719807

Dr.Aishwarya Bhargav is the Co-Founder of Peachderm Healthcare Pvt. Ltd, A Biomedical Devices Company Based in Bengaluru. She completed her PhD in Tissue Engineering from National University of Singapore. Prior to her stint in Singapore, Aishwarya pursued her bachelor's in Mechanical Engineering at CEG. She has seven years of experience in Medical Device Design and has been a part of Entrepreneur First, a global talent accelerator in their Singapore and Bangalore Cohorts.

Dr.N.Siva prasad,

Pro Vice-Chancellor,GITAM University Hyderabad

08455-221294, provchyd@gitam.edu



Prof. N.Siva Prasad obtained B.E in Mechanical Engineering from the University of Mysore in 1975, M.Tech, and Ph.D. from IIT Madras in 1977 and 1984 respectively. He joined as a staff member in IIT Madras in 1977, worked there in different positions, and served as a Professor of Mechanical Engineering before his superannuation in June 2014. He held many responsible administrative positions at IIT Madras, the last one being Registrar, IIT Madras.

His areas of interest are Machine Design, Computer-Aided Engineering, and Finite Element Analysis. He has guided 31 research projects leading to Ph.D. and MS [by research] degrees. A few research projects are in progress. His research areas include linear and nonlinear Finite Element Analysis applied to problems such as Weldments, Seals, Composites, Robotics, Mechanical Design Applications. He has published over 100 papers in refereed journals and conferences. He has completed several sponsored projects and as a consultant helped several industries to develop their products. He has completed over 55 developmental projects for organizations such as BHEL, ISRO, BEL, and DRDO, which has led to the indigenous development of components in critical applications. He has 4 patents; some of the patents are in production. He has adapted textbooks on Machine Design, Mechanics of Materials, and Engineering Mechanics (Statics and Dynamics) published by Tata McGraw Hill Book Company. Prof. N.Siva Prasad is a strong believer in continuing education programs. He has organized many programs for college teachers and employees of industries such as Tech Mahindra, BHEL, BEML, Caterpillar, FL Smidth, GE, and KCP.

He visited the UK with the British Council Scholarship and Germany with a DAAD fellowship. He also visited the US, China, Thailand, and Malaysia on Different occasions and in various professional capacities. He spent two years at University Malaysia Sabah as a Professor. He is a member of many national committees appointed by AICTE, UGC, Ministry of Chemicals and Fertilizers, and other governmental bodies.

He is a founder member of the Product Development Management Association (India) besides being a member of several other prestigious professional bodies. He served as Secretary, Association for Machines and Mechanisms for 10 years, and as an executive committee member for Society for Automotive Engineers, Southern Chapter.



Mr. Alex Alexander

GM, CESF/MME

LPSC, ISRO, Valiamala.

a_alex@lpsc.gov.in

Secured his B.Tech from College of Engineering Trivandrum in Mechanical Engineering in 1986 and joined LPSC in the same year.

Launched his career at the in house Proto Fabrication Facility as a shop floor engineer and still continues to guide its course.

Initially he was involved in the realization of control components. He was responsible for setting up a Green field facility at the industry for the production of control components at the industry and piloted the contract for over three years. Some of the first industry made components for launch vehicles and spacecrafts flew in this period.

Subsequently moved over to the Cryo Engine Fabrication and has delivered the cryo engine hardware including thrust chambers, turbo pumps, gas generators and other supporting elements for qualification and subsequent flight of the fully indigenous CE20 cryogenic engine in the GSLV MK3.

He has taken initiatives to set up an additive manufacturing facility at LPSC in the BOOT model with the participation of the industry.

Mr. Syed Mubasheer Ali

Director, D-Espat Pvt. Ltd., Chennai

syed@despat.com



He is a Product Design – Cost Analyst with 19 years' experience. He facilitates consultancy & workshops on New Product Initiatives (NPI), in Design Review & Should-Cost Analysis. He has trained over 9,000 engineers as workshop instructor and project leader for New Product Designs resulting in millions of dollars of annualized savings for customers. D-ESPAT Pvt Ltd, Chennai is associated with Boothroyd Dewhurst Incorporation, USA, the Pioneering Principals of the Design For Manufacture & Assembly Methodology for their flagship software product DFMA®. Syed is DFMA “Train the Trainer” on DFMA® software for India & South East Asia. He is a Mechanical Engineer from M S Ramaiah Institute of Technology, Bangalore. He completed Stanford University - Seed Transformation Program. He has few Patents for some of the projects at D-Espat, where he is also engaged in Design and Development of Lithium-Ion & Polymer Battery products for Niche Industrial and Defense applications in India.



Mr.S.Krishnakumar

Fmr.Sr.V.P(Dvpt)

Lucas-TVS Ltd.,Chennai

skkprime@gmail.com

- B.E.(Hons.) – 1970 – UNIVERSITY FIRST RANK
- PG in Mechanical Design – IIT Madras – INSTITUTE FIRST RANK
- MBA – University of Madras – UNIVERSITY FIRST RANK
- IIM A – 3 TP
- University of Michigan – Global Management Development programme
- 5 years – The English electric co of India limited – R&D – Development engineer
- 21 years – Larsen & Toubro Group – Asst General Manager – R&D and finally Profit centre head
- 20 years – Lucas TVS – Senior Vice-President – Engineering R&D and Quality
- Trained by Japanese and American consultants – New Product development process, Lean manufacturing, Reliability Engineering, Quality improvement and TQM
- Responsible for Lucas-TVS to get Deming application prize and Deming Grand prize Vijaya shree Award winner – Govt of India for innovation in Naval equipments
- 17 patents

Dr.Viji Krishnamurthy

Sr.Director, Product Management

Oracle,USA

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Dr.Viji Krishnamurthy is a Sr. Director of Product Management at Oracle who leads analytics for Oracle IoT and Block chain apps. As a specialist in applying AI/ML to industrial and consumer applications, Viji has managed IoT platforms and released analytics rich applications for consumers and industrial users in Smart Building, Industrial IoT and Consumer Electronics companies. As a data scientist, Viji has developed manufacturing and marketing intelligence applications to automate manufacturing decisions and helped to optimize product quality, supply chain and product pricing. Viji holds a Ph.D. in Operations Research from Northwestern University and is a proud Wildcat and a Sun Devil.

Abstract:

We are witnessing significant transition in the very definition of product with every hardware product transitioning into hardware and software product. Examples are plenty including connected light, connected vehicles and connected TV. While software enables these products to deliver improved experience, intelligence and extreme personalization, it has also changed the way these products are delivered from selling to subscription based models. These have had a significant impact on how the products need to be designed and manufactured. Emerging technologies such as AI/ML, Blockchain, 3D printing, collaborative robots, connected smart factories have been transforming product design, prototyping, manufacturing and post-sales service. In this talk, we will discuss some of these emerging technologies.



Mr. Rajaram Venkataraman

**CEO, Veltech TBI Start-up Ecosystem,
Chennai.**

rajaramv@navyainsights.com

Mr. Rajaram holds a Bachelor's degree in Computer Science & Engineering from Indian Institute of Science, Bangalore and MBA from IFMR's Graduate School of Business (Krea University). He is a certified Independent Director from the global body IOD (Institute of Directors).

Rajaram brings more than 3 decades of leadership, business and technology experience in the IT Industry [he was formerly the innovation culture practice head at Infosys besides his earlier stints in TCS and Computer Horizons etc]. Through his current roles as "Convenor and Head of FICCI Tamil Nadu Technology Panel", as President of Software process Improvement network (SPIN Chennai), and Advisory Board member of Cyber Security and Privacy Foundation, he has brought about tremendous focus on Digital transformation, Smart cities, Smart governance and Cyber Security.

He has chaired several international and national conferences, authored several papers, and authored a US patent on systematic innovation. He is a mentor at IIT Madras Entrepreneurship Cell and is on the review board of an International Journal called IJITCE. He currently heads the dynamic and successful entrepreneurship ecosystem (Veltech TBI) at Veltech Dr. Rangarajan Dr. Saguntala R & D Institute of Science and Technology (Deemed to be University) at Chennai which is the 2nd biggest university based entrepreneurship ecosystem in Chennai next to IIT Madras.

At "Navya Insights", his consulting is focused around "Digital Transformation and Systematic innovation" to corporates. His work with Tamil Nadu Govt focuses on strengthening and enhancing e-Governance practices and enabling smart cities. He has ramped up a green-field start-up entrepreneurship ecosystem for Veltech University in Chennai from scratch and has forged strategic partnerships with Google, Amazon, Zoho, RBL Bank, IJITCE, Resileo Labs and Effitrac. He has also roped in several VC's and Angel investors into the ecosystem apart from conducting large conferences, enabling IP creation etc. Some of the Veltech TBI start-ups are doing pioneering work across the commercial, social and environmental spheres and have won awards in international challenges / competitions as well.

He has won many awards including the "Smart City Leadership Award" from Zee Business, "51 Most Impactful Smart City Leader award (Global Listing)", "Distinguished Alumni award from IFMR Graduate School of Business of Krea University", "Best Incubator Award-2018", "Infosys Awards for excellence", Several awards from customers etc.



Mr.Govind Kumar

Founder & CEO

Seaport Ai, Chennai

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Mr.Govind Kumar is an innovator, technocrat and author with 2 decades of experience in startups and large MNCs. His expertise is in product development, artificial intelligence and strategy. He is the Founder & CEO of SeaportAI, a cutting edge AI venture that focuses on fraud risk analytics and image & video analytics. As regards education, he has completed engineering from Anna University and done a full time MBA.

Dr.Jia Deng joined the department of Systems Science and Industrial Engineering at Binghamton University as

Dr.Jia Deng

Assistant Professor

Dept. of Systems Sciences & Industrial Engineering,

Thomas J. Watson School of Engg. & Applied Sciences

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an assistant professor in 2017. He earned a B.S. degree in 2010 from Wuhan University of Technology, Wuhan, China in the field of Process Equipment and Control Engineering. In 2013, he received a M.S. degree in Mechatronics Engineering from Huazhong University of Science and Technology, Wuhan, China. In 2017, He earned his Ph.D. in Industrial Engineering from North Carolina State University, Raleigh, North Carolina. His research interests include process innovations and applications of AFM-based nano manufacturing and additive manufacturing in biomedical fields.



Dr.Bharat Visa,

Psychiarist,Melbourne, Australia

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Dr.Bharat is an experienced Psychiatrist working in Melbourne, Australia. He also holds qualifications in Public Health and Tropical Medicine. He has a special interest in the mental health of people with physical illnesses.



Mr.P.Ramesh

Assistant Professor

R.M.K Engineering College

ram.mech@rmkec.ac.in

Mr. P. Ramesh, is an Assistant Professor in Mechanical Engineering at R.M.K. Engineering College since June 2014. He has completed B.E in Mechanical Engineering from St.Peters Engineering College, Chennai & M.E in CAD from Sri Venkateswara Engineering College, Chennai. He has been awarded "Gold Medalist" - from Anna University for securing University first rank in M.E. He has completed M.B.A in Operations Management from Madras University, Chennai. His area of interest is FRP Composites, He has 11 journal publications(2 - Scopus Indexed,4- UGC Care,5 – other journals), 3International and 4 national conference at his credit. He has more than six years of teaching experience in R.M.K Engineering College. He has completed two AICTE - ATAL FDPs(Robotics , 3D Printing & Design). He has successfully completed 7 courses in COURSERA with Grades greater than 86% in all the courses .He has completed 3 NPTEL Courses securing Elite grade with Gold & Silver Medals related with Product Design. He was appreciated as a reviewer for NPTEL Course Translation by IIT Madras. He is Qualified for the ISO Internal Auditor on ISO 9001:2015.He has attended 3 Conclaves, 9 FDPs, 5 workshops, 2 Seminars sponsored by AU, AICTE, ISTE. He acted asResource person for the AU approved FDP in KoM, He has attended few webinar series sponsored by IIC. He has also Organized 3 workshops in GD&T. He is a Life time Member of Indian Society for Technical Education (ISTE), He is an Associate member in Universal Association of Mechanical & Aeronautical Engineers (UAMAE), He is also an active member in International Association of Engineers (IAENG)

Meeting Invitation

You are invited to a Zoom meeting.

When: Nov 16, 2020 09:30 AM Mumbai, Kolkata, New Delhi

Register in advance to attend the session from 16/11/2020 to 21/11/2020:

<https://rmkec-ac-in.zoom.us/meeting/register/tJAqcOChqzIiGN0xcAaBGkkifbSgUJ7coKPV>

After registering, you will receive a confirmation email containing information about joining the meeting.

“PROGRESS THROUGH LEARNING”

Participant Registration link: <http://bit.ly/RMKMechFDP>