



INDUSTRY INSTITUTE PARTNERSHIP CONCLAVE

11th February 2017

Confluence of Corporates & College for Cooperation, Collaboration, Co-creation
Context setting by : Dr. Kovaichelvan
Director - IQL, TVS

COOPERATION

COLLABORATION

CO-CREATION

COMING TOGETHER

INDUSTRY INSTITUTE PARTNERSHIP CONCLAVE

GROWING TOGETHER

SPECIAL EDITION



Industry Institute Partnership Conclave

February 11, 2017

(In Collaboration with TVS Motors)

Profile of the Industry Delegate

INAUGURAL SESSION

Dr V Kovaichelvan is the Senior Vice President-HR at TVS Motor Company, Bengaluru Area, India. He has vast experience in Production engineering relating to metal forming, joining, plastic injection moulding, pressure die casting, Managing product development projects using rigorous stage gate process and concurrent engineering techniques and cross-functional teams, Total Quality Management with focus on customer, employee involvement, continual improvement and standardisation and building organisational excellence, Human resource development with focus on rigour in learning & development, Talent management, Leadership development, OD Keen on education and training and bring greater relevance to life and career. Focus on design of products and processes for right first time and reduce problems downstream.

He worked as the Senior Vice President-HR, TVS Motor company, from June 2008, Vice President - TQM and HR, TVS Motor Company, from October 2000 till May 2008, General Manager-New product development, TVS Motor Company,

From February 1991 till September 2000, he worked as Manager-Production engineering, TVS Motor Company, October 1984 – January 1991 (6 years 4 months) and as a Production Engineer, Nettur Technical Training Foundation(NTTF), from October 1979 till May 1983. He completed his BE, Production engineering from PSG College of Technology in 1979 And MSc, Engineering Business Management from University of Warwick in 2001. He completed his Ph.D. in Competency Management in 2009 – 2015 from Anna University, Chennai.



Corporates & College for Cooperation

by: Dr. M. Manickam

Executive - Chairman, Sakthi Sugars Limited and Chairman, MCET

Context setting by: Dr. Kovaichelvan
Director - IQL, TVS Motors



Dr. Mahalingam College of Engineering and Technology (MCET) is a 19 year old autonomous college affiliated to Anna University and accredited by NAAC and NBA. MCET is driven by a forward thinking management with a clear focus on creating future ready engineers. The college being founded by the reputed SAKTHI INDUSTRY GROUP with a progressive Management that manages diverse Industry Verticals, firmly believes in aligning students and faculty with the industry expectations.

MCET organized an "INDUSTRY INSTITUTE PARTNERSHIP CONCLAVE-2017" on 11th February 2017 in MCET campus. This Conclave under the auspice of Dr. V. Kovaichelvan, Director, IQL, TVS Motors focused to figure out the possible ways of bridging this gap through a meaningful Long-term collaboration.

This industry attachment program (IAP) helped the students to connect their classroom learning to real-time applications. Delegates from various industries such as ROOTS, BUTTERFLY, VOLTECH, WESTERN THOMSON, INDIA PISTONS, SWELECT ENERGY SYSTEMS, BOSCH, SAKTHI AUTO COMPONENTS, INFOSYS, NTT DATA and many others were also present. Altogether it was a day to remember for everyone who was part of the programme both from the industry and from the institution.



INDUSTRY INSTITUTE PARTNERSHIP CONCLAVE - 2017



Introduction to the Industry Institute Partnership Conclave

With the dawn of globalisation, competition among the industries have become stiff. To sort out this probing issue related to engineering problems, companies have started to look up on the engineering institutions. Similarly, engineering students should be role ready engineers by exposing their innovative skills to bring up newer technologies in near future.

These objectives can only be achieved by bridging the gap between the industries and the academic institutions. It is the need of the hour for both the industries and the academic institutions to confluence, collaborate and co-create. Although this collaboration started long back in MCET with the industries, the need for intensifying it dawned with the thought of an industry conclave. It set the stage to hone up the engineering curriculum, industrial atmosphere and enhancement of teaching learning methodologies. In this line, MCET has started a unique industry-institute interaction initiative as one of its core pillar. It was a unique platform that brought the industry executives, industrial experts and academicians together to share their expertise with the engineering faculty members and students.

COMING TOGETHER FOR

COOPERATION, COLLABORATION & CO-CREATION



MCET & TVS

As a flagship deed, MCET had signed an MoU with TVS Motors to offer Collaborative Education Program (CEP) and developed a curriculum to bring industry best practices into academics from 2008. It assists students to become role ready engineers with professional skills and this endeavour is the result of a fruitful collaboration between TVS Motors and Nachimuthu Polytechnic College. It paved the way for future collaboration with MCET. In view of providing hands-on industry exposure to students while they are in campus, the college has Centres of Excellence in association with leading organisations viz Siemens, Bosch Rexroth, TUV Rheinland, Altair, Agilent Technologies, etc. These centres provide opportunities for students and faculty members to take up industry relevant projects to get an insight into hint of industry operations and build their competencies.

TVS is sponsoring selective students from different students not only from South India but also from all over India. The TQL MoU with MCET paved a way to educate those students in diploma and engineering and this further strengthened the relationship between MCET and TVS.

Prof. C. Ramaswamy, Secretary, NIA welcomed the dignitaries and delegates on and off the dais. He fondly recalled the already existing industrial collaborations and stressed on the importance of reaching out to the industries to develop industry ready graduates. He thanked everyone who had come from different industries and requested their help in developing an industry oriented curriculum.



Presidential address was delivered by Dr.M.Manickam, Chairman, MCET. He explained how the training of man power helped Sakthi Foundry to become one of the world's largest metallurgy industries with a high net worth. He brought out the need for such industry collaborations to redefine the education system. He told that the Indian education system has started changing and this conclave he said will set the trend.



Dr.Kovaichelvan, Director-IQL, TVS Motors presented how the Collaborative Education Program (CEP) has developed to bring industry best practices into academics. He told that this will help engineering students to become role-ready engineers with professional Skills. He also stressed on Cognitive learning and extend the same to the school level education. He further told that every industry expects technical and system outputs right from the school. The outcome based education (OBE) was explained and how it unleashes the exact potential required to become a successful industry ready employee in an Industry.

A student spends 16 years of his life span for his education sector but the outcome never fulfills the industry needs, in this this race of globalization all companies and industries must think Globally to have win-win situation.





He continued that the potential value of human is decided by three attributes "ASPIRATION, ENGAGEMENT and ABILITY". These three attributes, he said would make an engineer successful. Most people fail in their life because they never apply their learning in real time. To fulfil this gap, he told that "COGNITIVE LEARNING" comes in as a saver and this learning only fulfils the lower grades of blooms taxonomy. This cognitive learning should be enhanced to higher levels of taxonomy and should also be extended to school level education. Educating students in villages is of much importance. The present engineering education he said never focuses on professional outcomes and this makes the engineers unfit to survive in his field. Building courses and connecting them with the industry needs is much needed in this scenario. Outcome based education would be a solution to have a holistic approach between engineering and professional skills. Academic skills alone will never help someone bloom a role ready engineer but with the help of technical skills and professional skills, this could be achieved.

For hands on experience, TVS collaborates with many institutions to seek engineering solutions like internships and trainings for both students and faculty members during their vacation. He said that TVS also sponsors many student projects. IQL of TVS has planned to take this MCET-TVS collaboration to next level by educating students in schools which will bridge the gap between students and industries.

INDUSTRY INSTITUTE PARTNERSHIP CONCLAVE

11th February 2017

Director for Cooperation, Collaboration, Co-creation
 Setting by : Dr. Kovaichel
 Director - IQL, TVS Motors

JANATICS INDIA PVT Ltd, Signed an MOU with MCET
which would be a big initiative that will pave way
for a wonderful learning and hands-on training.

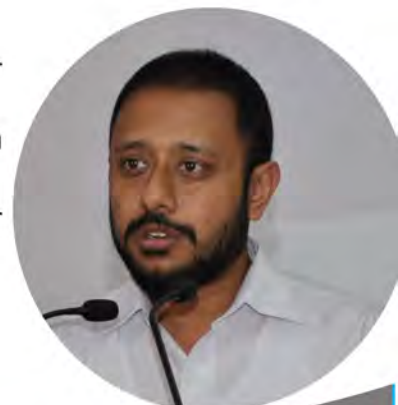
Dr.A.Rathinavelu, vice-principal MCET explained about the Present Autonomous System of MCET to the Delegates . He also showed the operative head in each level and their responsibility. He also mentioned that the students will have more opportunities under the current system and the institution will have more opportunity to connect the students with the best industry practices and provide an industry oriented curriculum.



Dr. Calvin S King, Prof. Mechanical Engineering and Head of Outcome Based Education presented how the Outcome Based education differs from the conventional academic system. He also emphasized on how MCET grew to the present OBE model from its inception. He told that the present system will throw more opportunities for the students to be role ready and the faculty members with enough hands on training to facilitate it.



Mr.M.Harihara Sudhan, Correspondent, MCET shared his remarks on the impression of existing Alliances. He thanked all the companies that work with MCET so far and invited others so that MCET will get an opportunity to provide them industry ready engineers.





Mr. P. Duraipandi, Head Planning & IT, Butterfly; Mr.R.Ravikumar, GM, ROOTS INDIA; Dr.R.Mahadevan, Director, INDIA PISTONS; Mr.MYLSAMI, Manager Sales, MITSUBISHI INDIA; Mr.J.Sundar, Head, Technical and Support Services, BOSCH INDIA; Mr.ROY-Member-Campus Connect of INFOSYS and Ms.Sumukhi Jayaram-Vice President, Talent Development NTT DATA shared their Impressions regarding their Alliances with the Institute.

The delegates from various companies shared their experience of working with MCET. They all appreciated the efforts MCET takes to improve the quality of education and thus develop industry ready engineers. They also shared that the students from MCET who work in their respective companies have shown great character and contributed to the companies and developed themselves.

The delegates were taken for a CAMPUS TOUR and shown all the facilities in the Campus. A PANEL DISCUSSION with the students and faculty members was arranged stream-Wise. It set a platform for the students to have an interactive session and receive inputs and insights from the industrial experts. The HoD's of the respective streams and departments briefed on the happenings of their respective panel discussion at the end and the conclave came to a formal closure.

This conclave attributes to the major factor of enabling the college education to scale up in the global fight. It also brought a paradigm shift in the minds of the students about the industries and their operations. It also provided enough inputs about the various opportunities available in their respective field of study.

MS. K. RAJALAKSHMI
A/P- ENGLISH



KAVIN
III ECE





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Profiles of the Industry Delegates

MECHANICAL

Dr Jagannath Korody is working as Professor and Head of the Department of Mechanical and Manufacturing Engineering at MIT Manipal. He was born in Korody, a coastal village in Kundapur Taluk. Dr Korody did his Bachelor of Mechanical Engineering from University Visveswaraiah College of Engineering, Bangalore, Master of Technology in Engineering Management from Mangalore University and PhD in Tribology from Manipal University. Dr. Korody has got more than 30 years of experience as a teacher and researcher and published more than 50 research papers in reputed National and International Journals and conferences. He has also reviewed more than 20 PhD theses. His areas of interest in teaching and research are Renewable Energy systems, Refrigeration and air conditioning and Waste heat recovery in addition to Tribology. He has worked as Associate Director for Alumni and International relations at MIT Manipal from 2009 to 2014. He is serving as the Editorial board member for International Journal of Tribology and Journal for Refrigeration and Air conditioning. He has organized several conferences, workshops and delivered key note address in National and International conferences. Dr Korody is the Life member of Institution of Engineers, Tribology society of India and Indian society for Technical Education.





Mr. A. Varatharaju is the Vice President at Janatics India Pvt Ltd from 2014. He completed BE, Mechanical Engineering from Coimbatore Institute of Technology and Master of Business Administration (M.B.A.) from Indira Gandhi National Open University. He worked as the Director- Chennai Plant at Interplex Electronics India Pvt Ltd from June 2007 till November 2014, Sr. Manager at Lucas TVS from May 2006 till June 2007 and Dy. Manager at Pricol Limited from March 1995 till May 2006.

Mr.K.C. Joseph is the Regional Head – HR in SODEXO with an additional Responsibility as National Lead for Diversity Hiring. He has 26 years of rich experience in different companies such as MRF Ltd, India's largest tyre manufacturer for 16 years and Reliance Retail Ltd, India's largest multi-brand retail company for 10 years. He has completed M.H.R.M from Annamalai University, M.A. (Sociology)



At Sodexo, he is responsible for the workforce planning and strategy, manpower cost validation for new business, identifying new sourcing channels, employer branding and attracting the right talent, mass mobilization of frontline staff for new business, recruitment and deployment, ensuring that company policies and SLAs are adhered to in recruitment, manpower cost optimization, demobilization and re-deployment, salary benchmarking and review, succession planning, defining career path for employees and implementation of industry best practices. He serves as the member of Academic council for Management Education in Retail at Pondicherry University, and at Madras Christian College in the capacity of Industry Expert. He has served as an internal auditor for ISO systems at MRF Ltd from 1998 till 2006.

He is a certified HR professional by Reliance Retail Academy (2013), Quality Management System Auditor by RWTUV, Essen, Germany (2004), PRIME GRADUATE by (Certified Trainer) Junior Chamber International, USA (2004), Zone Trainer of Indian Junior Chamber by Indian Junior Chamber (2002) and Certified Internal Auditor for ISO systems by Integrated Industrial Quality Management Consultants (1998).

To mention some of his significant achievements, he has recruited all candidates from Business Leaders to Trainees at "Zero Cost", recruited and on-boarded above 6000 employees for Reliance Retail, trained most of the new employees of Reliance Retail in Kerala during the start-up stage and set the stage for efficient retail operations, created a culture of commitment and excellence, trained employees in a new plant (Kottayam unit of MRF Ltd.), motivated them to achieve 20% more productivity than existing plants of MRF Ltd, set-up an engineering training centre at Kottayam unit of MRF LTD and conceived and introduced the system of continuous evaluation of management trainees at MRF Ltd (Kottayam unit).



Mr.Duraipandi Palaniyandi is the General Manager for Planning at Butterfly Gandhimadhi Appliances LTD from April 2012 . Prior to joining Butterfly, he worked as the Project Manager at Mahindra Satyam from October 2007 till March 2012, Program Manager at Mahindra Satyam Computer services Ltd from October 2007 till March 2012, Project manager at Khemiji Ram Das from 2009 till 2010 and MM consultant at Reliance Infosolutions Pvt. Ltd from 2005 till 2007.



Mr. R. RAVI KUMAR is the General Manager for Operations at Roots Multiclean Ltd. He has worked as Asst.General Manager, Corp. QA at ELGI EQUIPMENTS LTD from March 2003 till September 2014 and Sr. Engineer at ADDISON & COMPANY LTD Chennai, India from 1999 till 2003.

Apart from M.B.A in Systems & data base management from Annamalai University, he has also undergone various trainings such as TQM by Dr. Noriaki Kano, Japan, Problem solving by Dr. Yukihiro Ando, Japan, Failure analysis of industrial components at IIT – Madras, Implementation of Quality Management Systems – ISO 9001:2000, AAR:M-1003, Knowledge in Statistical Process Control, Six Sigma (Green Belt), MSA by Indian Statistical Institute, Bangalore and Implementation of Lean Manufacturing System, JIT, Kanban at FESTOOL in Germany.

He is skilled in various manufacturing processes such as Foundry, Machine shop, Forging, Sheet metal fabrication, Heat treatment, Powder coating, Welding etc., Metrology & Gage Calibration, Awareness in NDT, Data driven with good communication skills and interfacing with customers and all levels of organizational hierarchy, Mentoring and interacting well with diverse personalities, Specialties: Lean manufacturing, QMS, SPC and Failure Investigation and Training.



Mr. N. Mahadevan is the Senior Tech Advisor for Advanced Engineering at Cummins. He completed his BS Engineering Technology from BITS, Pilani. He joined TVS –Suzuki in 1987 and worked there till 1994. He developed a Small Gasoline Engine and improved the Performance and emission Optimization. He joined Tata Cummins in 1994 and worked on Product Engineering till 2007. He became a Mid-Range CPE Lead in 2007 and worked on Powergen, Automotive & Industrial Engines. He moved up as Tech Lead in Cummins Emission Solutions and worked in a Start-up from 2008 till 2009. He worked as the Lead for Thermodynamics (Classic Engines Platform) in Daimler India Commercial Vehicles Ltd from 2009 till 2012. He also worked as the Tech Advisor for Components System Integration in Cummins from 2012 till 2016 before raised to the current position.



Mr. A. Navaneetha Krishnan is a Mechanical Engineering graduate from Government College of Technology (GCT), Coimbatore and works as the Manager for Operations in Mechanical domain at M/s Caresoft Global Pvt. Ltd, Pollachi. He has around 20 years of experience in the areas of Design, New Product Development, Research & Development. He is with Caresoft Global Private Limited for 3+ years. He had worked in various companies including Lakshmi Electrical Drives Limited and Pricol Limited before joining Caresoft Global Pvt. Ltd.



Mr. Rashmi Ranjan is serving as the Managing Director of Kempppi India. Prior to becoming the MD he had also worked in the capacity of National Sales Manager for Kempppi India. Before joining Kempppi, he has worked in various companies such as ADOR WELDING Ltd as General Manager, external affairs Ministry Government of Netherlands as a consultant, Linde India formerly BOC or Indian Oxygen Ltd and Roots Multiclean Limited as an Area Manager and Product Manager. He has done his B.Tech and MBA from NIT Trichy and International Marketing from Netherlands.

He is a Lead Auditor and expert for European Norms and CE mark and working in the panel of CII (CONFEDERATION OF INDIAN INDUSTRY) for Skill Development and Entrepreneurship. He is a Managing Committee member of IIW, Chennai. He is also a philanthropist and has adopted 9 villages in Odisha.



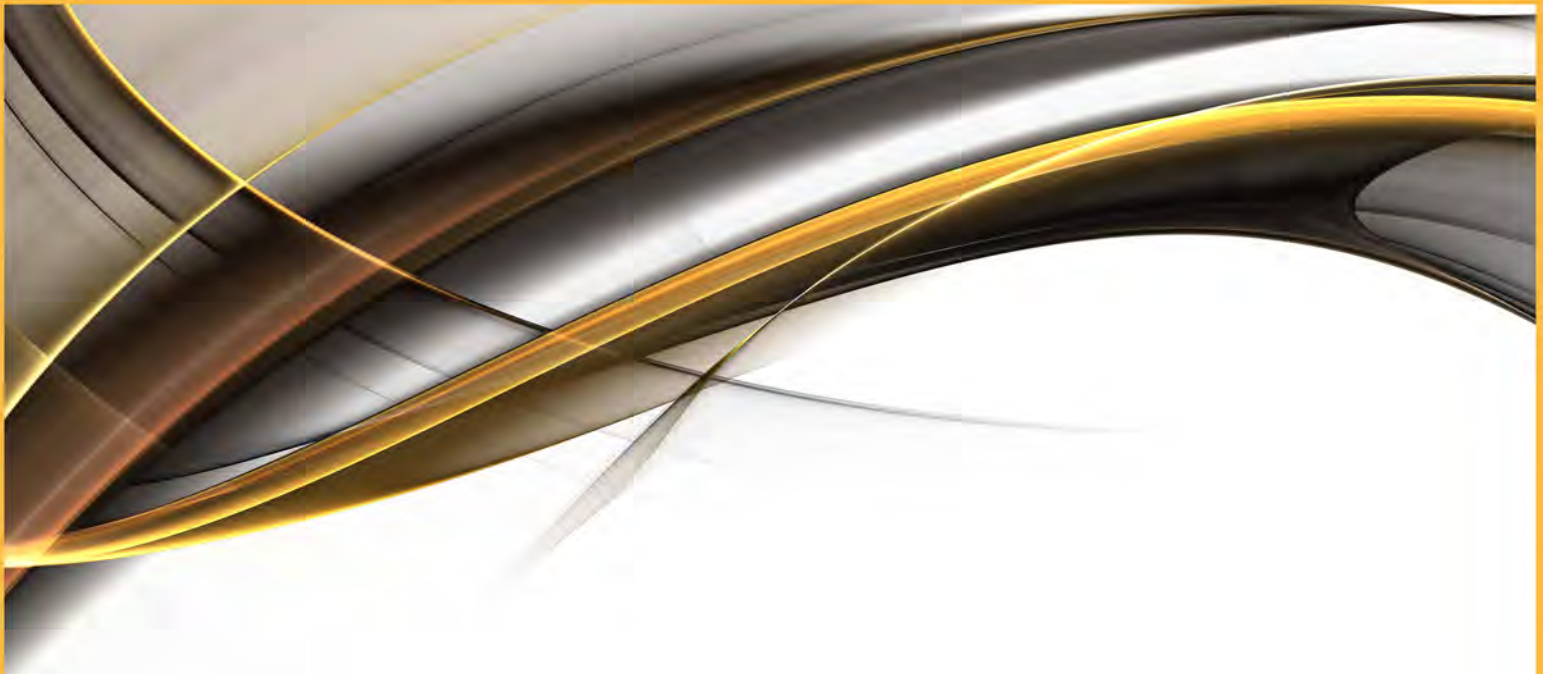
Mr. Ramesh Rajamani is the Executive Director for Head of Global Marketing, Strategy and IT at Janatics India Pvt Ltd from June 1988. He has completed B.E. Mechanical Engineering from Kumaraguru college of Technology in 1988, MBA in Marketing from Indira Gandhi National Open University in 1998 and M.S in Manufacturing Management from Birla Institute of Technology and Science, Pilani in 2010.

He is a Strong team leader with proven track record. He is the important driving force in Implementing Oracle E-Business Suite ERP. He has also instrumental in establishing CRM, SCM and Planning and Assembly management System. He is currently working on integrating the demand chain and Supply chain using forecast techniques and capacity and establishing worldwide Presence (Distribution and Manufacturing).

He is an avid reader of Business magazines and interested in Management Subjects such as Marketing, Strategies etc., He believes in "ALL LEADERS ARE GOOD MANAGERS BUT ALL MANAGERS MAY NOT BE GOOD LEADERS".



Mr. K. Sathishkumar is a Mechanical Engineer, graduated from Dr. Mahalingam College of Engineering and Technology, Pollachi and works as the Team Leader - Operations for Mechanical domain at M/s Caresoft Global Pvt. Ltd, Pollachi. He is also working as a Facilitator for Technical trainings and trained more than 200 students who joined Caresoft as GET, and nominees of MCET - IAP Program. He has 10 years of experience in the area of Design support for Agricultural and Construction Equipment.

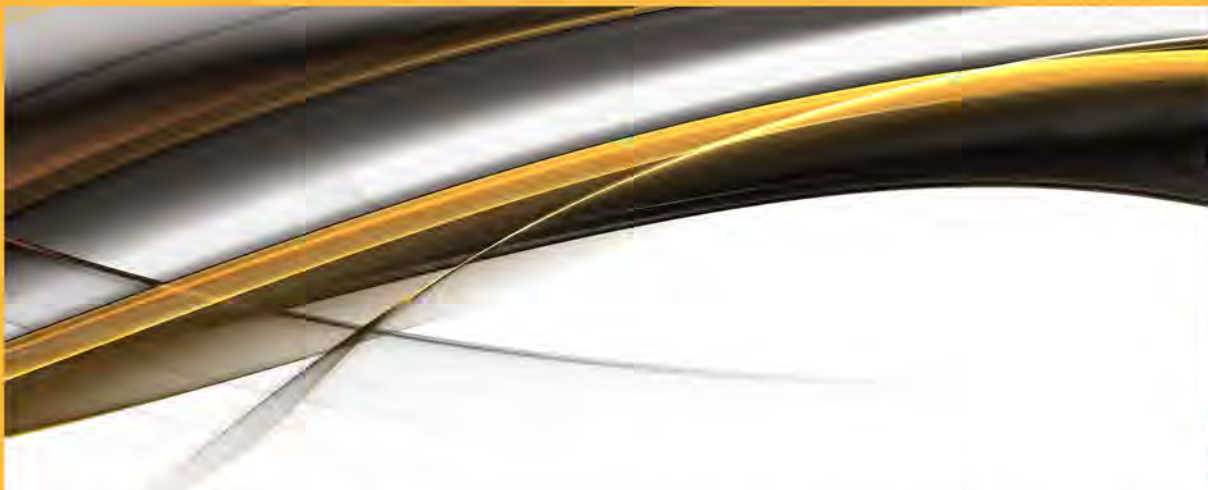


Mr. K. Ganapathy Subramaniam is the Head of Applications & Training at JANATICS INDIA PRIVATE LTD from 1996. He has completed BE, Mechanical Engineering Anjuman Engineering College, Bhatkal, Karnataka from 1996 and MBA in Marketing from Indira Gandhi National Open University in 2010. He is interested in Automation, Training, Painting, Pencil sketching and Music.



Mr. Jayaganesh Nataraj is the Engineering Manager at GE Energy from March 2004. Before joining GE Energy he worked as Project Engineer at Larsen & Toubro Limited from January 2000 till March 2004. He graduated in Bachelor of Mechanical Engineering in 1998 from PSNA and Master of Technology in Mechanical Engineering from 1998 till 2000 from Indian Institute of Technology, Madras.



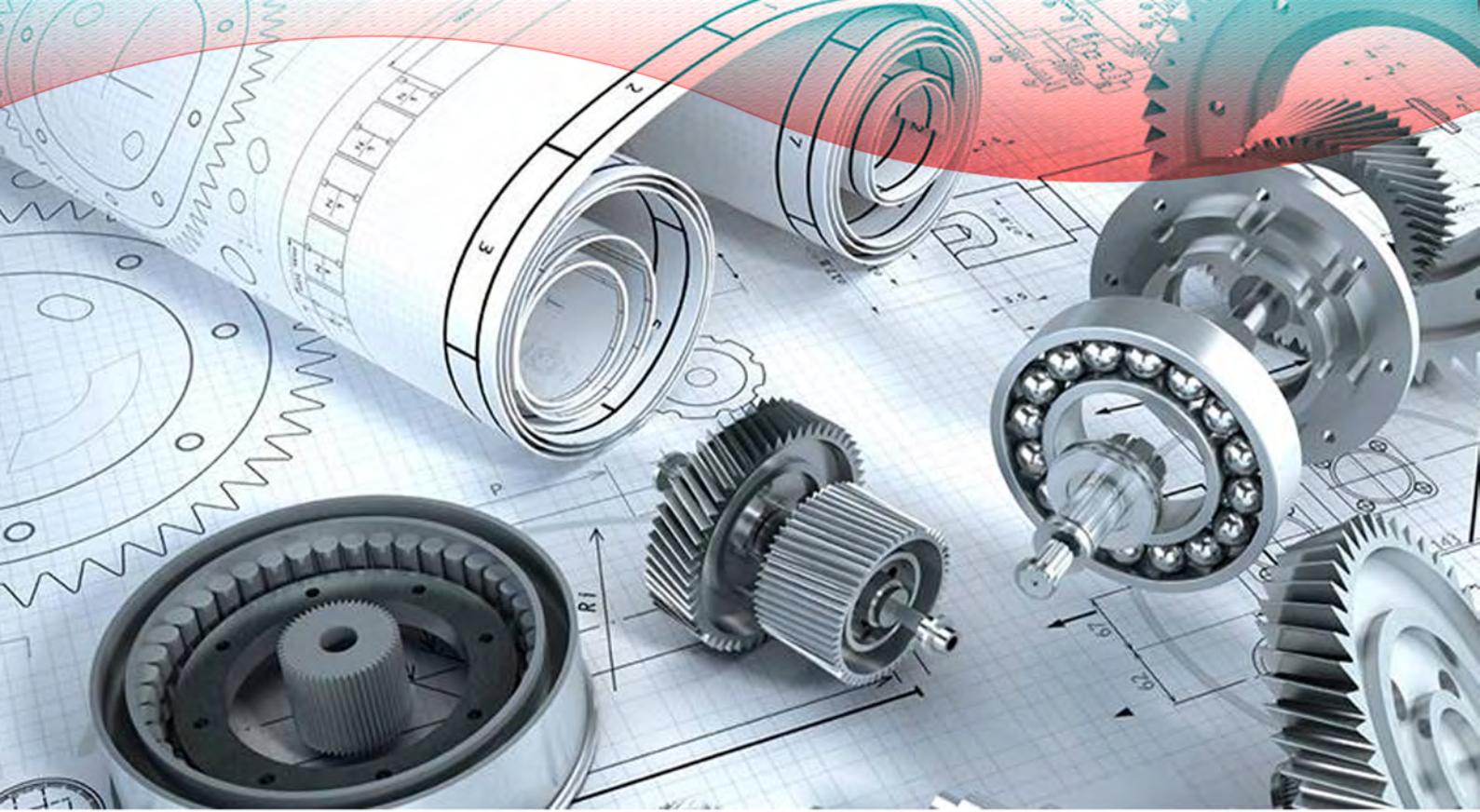


Dr. R. Mahadevan is a Mechanical Engineer by profession and graduated from IIT, Chennai, in 1964. He obtained his M.Tech. degree in Production Engineering & Technology from IIT, Kharagpur, and Ph.D. from IIT, Chennai, for his work on emissions from IC engines.

He is the Group Technology Director at India Pistons Limited and Director on the Board of a few other Companies of the Amalgamations Group. He is a past President of SAEINDIA and the National Institution for Quality & Reliability.

He has served as Chairman and Member in several expert committees of the CII, Bureau of Indian Standards, Madras Chamber of Commerce & Industry, ASSOCHAM, and AICTE. He was a Member of the Academic Council of Anna University, Governing Council of AU-FRG, Centre for Engineering Partnership, Anna University and several Research Advisory Councils.

He was presented the Distinguished Alumnus Award of IIT Madras for the year 2003-04. He was elected a Fellow of SAE International, USA, Fellow of Indian National Academy of Engineering and a Fellow of the National Institution for Quality and Reliability. He was awarded the Life Time Achievement Award by SAE in 2012. He has authored several technical publications and has four patents.



MECHANICAL - PANEL DISCUSSION





The Panel Discussion was organized to create awareness on career opportunities among Mechanical Engineering students. The objective of the panel discussion was to bring together industrial experts from various industries to impart their views on real-time industry expectations from a prospective employee. The session involved 6 eminent resource persons and Dr. Jagannath korody -HOD Mech & Mfg. (Manipal University), Dr.R. Mahadevan – Director (India Pistons limited) were the Moderators. The session started with the introductory remarks by Dr.I.Rajendran, Head Mechanical Department, DRMCET. Panelists introducing themselves and their work/company during the first five minutes of the panel discussion. Around 150 students and faculty members from mechanical department were present and benefitted from the program.

In his opening remarks Dr.Jagannath Karody HOD Mech & Mfg. Manipal University elaborated on various courses offered by Manipal University. He emphasized on taking-up inter-departmental research programs by the students and faculty members. He informed that Manipal University has launched numerous Health Care projects. The Innovation Centre in their campus promotes innovation and promote entrepreneurial talents among the students, faculty members and people of the region. It assists inter-disciplinary research and offers incubation facilities for start-ups and budding entrepreneurs. He stressed that in order to match the new trends of industries, the institution must encourage collaborative research with industries to enhance quality of research. He explained how one could learn and apply emerging trends within the academic settings while studying. He also advised that the institution must conduct Alumni Meet every year.



Dr.R.Mahadevan – Director, India Piston LTD, elaborated on his company's core research and development areas relevant to Mechanical engineering students and briefed on what the company expects from the students. He gave a clear picture about internal-combustion engines and their usage in future. He brought out the advancement happening in surface engineering and explained about various types of coating. He urged the students to opt for industry attachment programs. He happily informed the gathering that his company is providing such kind of programs.



Mr.Duraipandi, Head-Planning & IT, Butterfly India, began his speech by emphasizing the importance of Tool & Die Design. This tool & die – making facilities with an impetus on quality control, has enabled the company to consistently produce products of highest quality sticking to the finest functionality norms. He pointed out that the Company's R&D facilities have the latest design and development tools, Spectrum Analyze etc. to keep up its passion for progress at all levels. He also stressed on the point that this passion would constantly give birth to new products.



Mr.Navaneetha Krishnan Arumugam –Manager, Caresoft Global showcased the projects done by their company. He informed that Caresoft Global is an engineering service company which is automotive and also has construction equipment. He discussed several research initiatives taken in computing and the internship trainings for the students of MCET.





Mr.R.Ramesh-Executive Director of Janatics advised the students to be aware of the skill sets needed for various companies. He says that rapid advances in technologies are changing today's workspace, increasing the demand for highly skilled workers who have the knowledge to make the best use of the swiftly evolving technology.



Mr.R.Ravikumar-General Manager, Roots highlighted that communication skills accelerate one's career and allow one to put forth his/her ideas across. He added that students need to be good at their communication skills and technical capabilities. They should also be aware of the updated nuances of their technical field. In order to develop technical skills, he told that students must do one credit courses offered by the institution.



Mr.Rashmi Ranjan Mahopatra- MD, Kemppi India Pvt Ltd highly expounded that Kemppi machines has introduced several significant innovations, including the world's first welding inverter and digital welding solutions. He pointed out that if one wants to prosper, one should see within and break one's own barriers. One should have the hunger to grow. He also added that students must keep their mind young and curious to learn new things.



The forum was then opened for the students to ask questions and it was suggested to identify skill gaps. It was also suggested to work on plans to connect students with the necessary training and applying emerging trends to close the gaps.



MS.S.RENUKADEVI
A/P-ENGLISH



VIDYA
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KAVYA
II MECH



RAJESHWARI
II MECH



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Profiles of the Industry Delegates

AUTOMOBILE



Mr.K.V.Ramanan is the General Manager for Corporate Quality & Training in Western Thomson Group, Chennai. He has over 25 Years of experience in Automotive Industry. He has completed ME (Prodn Engg) from Govt.College of Technology (GCT), Coimbatore and MBA from Bharathiar University, Coimbatore.

He worked in Turbo Energy Ltd (TVS group) from 1987 to 1993, Caterpillar India from 1995 to 2005, Wheels India (TVS group) from 2005 to 2009 and Western Thomson (India) since 2009. He received Six Sigma Master Black Belt from Indian Statistical Institute (ISI), Bangalore and Completed Six Sigma Black Belt training in Singapore and obtained Black Belt qualification from Caterpillar University. He is a life member in Quality Circle Forum of India (QCFI).

He has completed Six Sigma projects in the areas of Manufacturing Process improvement, Warranty analysis, Lean Manufacturing etc. He has conducted Design of Experiments to optimise welding parameters in Sub merged Arc welding process. He has visited various companies in Japan, UK, France and Italy to study the global manufacturing and quality management practices.

He has conducted several training programs on Lean Six Sigma, Design of Experiments, Quality Function Deployment, Statistical Process Control, Measurement System Analysis, Failure Mode Effect Analysis, Advanced Product Quality Planning & Other Quality Improvement techniques in several organizations including Caterpillar India, Wheels India, Western Thomson India, Visteon Automotive systems India, Mando Automotive India, Admach Auto India and Sundaram Industries, Madurai. He has also conducted Student and Faculty development programs in Institutions such as Sri Venkateswara College of Engineering, Saveetha School of Engineering, TJS Engg. College and Dr.Mahalingam College of Engineering & Technology, Pollachi.

Mr. Ashok Kumar is working with Michelin for the past 7 years as Manager – Industrial Relations handling employees as well as external relations. He is also holding an additional responsibility of heading CSR functions. He started his career in Personnel Department in Asian Paints and further worked with SPIC, JK Pharmachem, Hwashin Automotives, Sundram Fasteners (TVS).

He is an M.Sc Mathematics graduate with an MBA – HR from Annamalai University and he acquired PGDLA (Post Graduate Diploma in Labour Administration) from Tamilnadu Institute of Labour Studies, B.A.L (Bachelor of Academic Laws) from Annamalai University and PGDHRM from Xavier Institute of Labour Relations (XLRI) after starting his career .

He likes to spend more time with his children and his hobbies are attending various HR forum meetings, giving speeches, surfing HR related articles, networking etc. His wife is working with Postal Department and they have two children (boys). The elder one is studying in 10th grade and the younger one is in 2nd grade.





Mr. N. Hari Babu has 35 Years of rich experience, 3 years in Manufacturing, 22 years in Training and Consultancy in National Productivity Council and 10 years in Business Excellence and L&D. His areas of specialization and expertise are in Business Excellence, Lean Production System, Process optimization, Value Engineering, Six sigma application, Balanced Scorecard , Business Process

Management and Reengineering, Benchmarking, Operations Management , Company-wide Management Information System, Competency assessment and HR Excellence Assessment.

He got trained on Advanced TQM for 21st Century by Dr. Noriaki Kano, TQM at JUSE, Japan, Study Mission on Lean Production System at Tokyo, Japan, Production Management Information System (PROMIS) at Tokyo, Japan, Small Group Activity (SGA) approach at Singapore, Six sigma Black Belt Certification program by Motorola expert, Dr. Noshir Khory, Benchmarking by American, German and British experts, Balanced Scorecard by APO experts, EFQM by CII, Logical Project Frame work by Dr. Krackneil and Lead Auditor Certification in SA 8000.

Mr. Kanishka Arumugam is working at International Business Development, Strategic Marketing & Services from February 2015 as Director / 2nd-Gen Family Business Entrepreneur in EKKI GROUP - EKKI Pumps & Deccan Pumps Private Limited.

He completed his Engineering Degree, (Hons) in 2011 from Sheffield University, Certification in Product Design in 2011 from University of Leeds, SSIHP in 2011, SIGM in 2012 from Stanford University and Master's Degree in Engineering Business Management in 2014 from University of Warwick.

He has undergone various internship programs in different companies such as Rentropsche Vermögensverwaltung, Project Leader - EKKI at EKKI Pumps - Deccan Pumps Private Limited, Next-Gen Family Business Intern at Forbes Marshall, Marketing and Sales Intern at Deccan Pumps Private Limited, Pune, Graduate Management Trainee at Xylem Inc and Student Intern at Essex Pumping Systems - Sheffield. He is interested in Pumping Technologies, Engineering Business & Technology Management, Education Management and Family Business.





Mr. M. Krishnakumar has got 20 years of rich experience in the field of HR and IR. He completed his Bachelor of Law from Pondicherry University, Post Graduation in Commerce and PG Diplomas in HRM and Labour Administration from Pondicherry University and Tamilnadu Institute of Labour Studies, Chennai respectively.

He started his career in Human Resources from Das Lagerwey Wind Turbines Limited, Pondicherry and served South Indian giants such as WS Industries, TVS Srichakra, Sanmar Group, Murugappa Group and Ashok Leyland.

He has handled four challenging green field projects so far and he is passionate in handle HR/IR cases. He is associated with many HR networking bodies and shares regular updates on the HR industry to the group.



Mr. K. Madheswaran is the Senior General Manager (Plant Engg& Maintenance) at Sakthi Auto Component Ltd from 2011. He completed his B.E. in Mechanical Engineering and started his career in M/s Lakshmi Machine work Ltd, Coimbatore. He is a result oriented professional with a total experience of nearly 35 years in project management, Production, Planning & control, Maintenance operation and Man management.

Prior to joining Sakthi Auto Component Ltd, he had worked in Lakshmi machine works Ltd, Coimbatore in plant Engineering from 1981 till 1994, Mitra Jaya Engineering Indonesia from 1994 till 2001, Ashok iron works Ltd, Belgaum from 2001 till 2003 and PT.AlphaconValfindo, Indonesia from 2003 till 2008.

His expertise is in implementing proper maintenance measure to achieve sustained reduction in terms of down time, production cost, spares control and energy consumption.



Mr. K.G.Mohanasundaram started his career in Sakthi Auto Component Limited in the year 1991. For the past 25 years, he has worked in various departments such as Manufacturing, Quality, Special process like Geomet & CED coating & Customer relations etc., Now he is heading the entire machined components quality and customer relations. He is well-versed with various quality standards of global car manufacturers (OEM) viz., General Motor, Ford, Volkswagen, Renault, Maruti, Honda, FCA for requirements such as BIQS in General Motor, VDA 6.3 in Volkswagen, Q1 in Ford, SQ mark in Hyundai, Mr.K.G.Mohanasundaram is a qualified auditor for ISO/TS 16949, ISO 14001, OHSAS 18001 & NABL quality systems. He is also responsible for companywide, Quality Assurance norms of new programs.

Mr.K.G.Mohanasundaram is a good Motivator for team in various technological improvements. He is actively involving in the productivity improvement, cost control, process improvements and implementing the auto gauges for steering knuckle, brake disc & brake drum with international standards to achieve zero ppm at customer end.



Mr. R. Kannan is the Senior General Manager for Manufacturing in Brakes India Private Limited. He Heads 2 manufacturing plants in Chennai. One of the Plants exports 100% of brakes to leading Auto majors in USA, UK, Japan, and Germany. He has traveled to the United Kingdom, South Korea, Japan, Indonesia, Germany and Singapore for Customer relation, Technical discussions etc.

He has more than 3 decades of working experience in Auto OEM & Auto Ancillary industries. He is a Mechanical Engineer and has worked for major corporates like Enfield India Limited, Sundaram Clayton Limited, LML Limited and TVS-Whirlpool Limited. He has wide working experience in the areas of Manufacturing, Manufacturing Systems Engineering, Procurement, Quality and Project Management.



Mr. DP. Praveen is the Assistant Manager - HR at Borg Warner Inc from July 2014. He completed MBA – HR & Operations from PSG Institute of Management In 2010. He is a Qualified and Certified HR professional with Generalist experience across various HR functions as well as specialist experience in the areas of Learning & Development, Performance management and Change Management. He is a self-motivated team player who enjoys taking up increasingly challenging roles and projects for Organizational Development.

PANEL DISCUSSION

AUTOMOBILE



The panel discussion for Automobile department commenced at 2:15 pm in the afternoon at CS seminar hall. Mr. N. Mahadevan, Senior Tech Advisor, Cummins, Mr. K.V. Ramanan, General Manager Western Thomson Group, Chennai, Mr. N. Hari Babu, Head, HR - Rane Group of Companies, Mr. Ashok Kumar Manager, Michelin, Mr. R. Kannan, Senior General Manager, Manufacturing, Brakes India Pvt Ltd.

Dr. R. Saravanan, Head - Automobile Engineering welcomed the esteemed members of the panel. Dr. M. Selvakumar, Associate Professor, Automobile Department introduced the panel members. The Main Theme of the discussion was "Future Engineering and Skill requirements".

Mr. N. Mahadevan, moderator for the session, introduced the topic and brought out the importance of building skills for future engineering. He appreciated the management for creating such a wonderful opportunity for the future engineers and explained the importance of such programmes in the college at the earliest for the budding engineers to understand the requirement of the industries in advance and prepare well ahead. He then invited each speaker to put forth their points.

AUTOMOBILE INDUSTRY

Confluence of Corporates & College for Cooperation, Growth & Development

Presided by: **Dr. M. Manickam**
Executive - Chennai - The Sugars Limited and Chairman, MCI

Contacted with by: **Dr. Koushik Chelvan**
Director, MCI

Presided by : **Dr. M. Manickam**
Executive - Chairperson of the S

Contacted by: **Dr. Kuvshinov**

Dr. S. S. Ravi



Mr. Ashok Kumar volunteered to speak on the topic "Entrepreneurship Development" and started off by saying shine and compete in industry with your knowledge in order to develop yourself to the expectation of the industry by making effective use of resources. He told that today's competitive world demands trained, certified and skilled manpower to address the challenges of growth and converting them into opportunities. He continued to say that one can develop his potential through team work and to work in a team, one should have an attitude of helping each other. He stressed on the point that an engineer should be well versed in management skills and bloom into a techno craft. He advised the students to prove their talent and skills at any place they go for a job. He concluded his speech by saying "respect others, respect your work and let go of ego, and grow along with others".

Mr. R. Kannan expressed his thoughts on "Social Responsibility of Engineers". The most prominent responsibility of an engineer he said, lies in simplifying the living through his innovation. But, he warned that on this long run, one shouldn't let his/her innovation lead to the depletion of resources and affect the environment. He also told that PPEs (Personal, Protection & Equipments) are being practised in every industry to ensure the safety of its employees.

Students came up with different questions on the skills expected by the companies at the time of campus recruitment. Mr. Mahadevan, the moderator for the session explained that the qualities of Machine learning, Mechatronics and Big data are the emerging fields on demand and requested the students to focus on them.



MS. B . NITHYA
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Industry Institute Partnership Conclave

February 11, 2017

(In Collaboration with TVS Motors)

Profiles of the Industry Delegates

CIVIL



Dr. T. Arul joined the family real estate business, Vasantham Residentials in the year 2007. He has played an active role in developing CREDAI's SOP(Standard Operating Procedures) for quality construction for adoption by the industry. He conducted several workshops for training fresh civil engineering graduates and developed a forum called "CREDAI Build –Up" as part of the Skill Development Initiative.

He completed B.Tech from SriVenkateswara College of Engineering and MBA from University of Madras. He is graduated from Southern New Hampshire University, Manchester with a Doctorate degree in International Business and worked as an Asst. Professor of International Business in Ohio. Prior to his teaching career he worked as a business consultant in HPM Consulting, Chennai. He has made a presentation on Privatisation at Harvard Kennedy School, Oil and Energy at Middle East Economic Association and published several research papers in the areas of Foreign Exchange Markets, and FDI in Emerging Market MNCs.

He is well versed with several research methodologies and trained in System Dynamics, a cutting edge non-linear technique at MIT. He has conducted training sessions for several quantitative modelling techniques like Crystal Ball, MATLAB etc at the Centre for Financial Studies and Centre for Economic Development at Southern New Hampshire University, Manchester, USA. He is also a certified Licensed International Financial Analyst.

His personal areas of interest include bringing Tamil Literature and traditional farming techniques. He is a trustee of Karka Kasadra team that works to bring the treasures of Tamil Literature (Thirukkural, Athichudi, etc) for the benefit of everyone. He is also currently involved in bringing back the traditional farming practices and collaborating with experts to teach traditional farmers, proven farming techniques.



Mr. R. Jeyakumar is the co-founder and Managing Director of Rajparis Civil Constructions Limited and Partner of Fortune Info Solutions Private Limited. His company has completed nearly 83 successful residential building projects so far.

He completed B.E. civil Engineering and M.E. Structural Engineering. He is the Board of Studies Member of Anna University for M.E. Civil Engineering, member of the team that prepares SOP (Standard Operating Procedures), Member of CREDAI skill development Team to train Civil Engineering Students, member of rotary club and held various position in the club thus helping the club build prestigious VHS blood bank, Tsunami complex at Nagapattinam. He has been awarded Rotarian of the Decade by Rotary District 3250 for his work on Rain water harvesting.

He chaired the Roof Water Collection chapter in the 1st International Rain Water Harvesting conference. He designed and built rain center and was a member of the team that was instrumental in making Rain Water Mandatory in Tamilnadu. He has developed 9 models of Rain Water Harvesting structure and was a team member to execute Rain Water Harvesting in Rashtrapathi Bavan, Delhi.

He is the Secretary of CREDAI, Tamil Nadu and formerly he was the Treasurer and EC Member of CREDAI, Chennai. He is the Patron Member in Builder's Association, South India and an active member who promotes rain water harvesting. He is actively involved in Youth Development, Especially Civil Engineers.



Mr. R. Ramakrishnan is the Manager for Planning in EAST COAST CONSTRUCTIONS & INDUSTRIES LTD, Bengaluru from April 2014. He develops profitable and productive business relationships, coordinates with decision-makers, builds a client base and proactively conducts opportunity analysis by keeping abreast of market trends.

Before joining East Coast, he worked as Manager Project Controller at Chintels India LTD, Gurgaon from October'12 till April'14, Asst Manager – Projects at Bharti Realty LTD (Bharti Enterprise), Gurgaon from April'11- Oct'12, Management Trainee at Gammon India LTD, Nellore from April 2010, Management Intern at GSIDC, Goa from July 2009 till Dec 2009 and Graduate Engineer Trainee at MARG LTD, Chennai from June 2008 to May 2009.

He has his expertise in corporate and multi-family residential project management, effective at all phases of development from initial concept to completion. Expertise in MS Project, Primavera P6, Auto desk package, SAP, MS data base packages and Tally.



Mr. K. Saravanan is associated with Eversendai from 1996. He has handled numerous projects all over the world and has a wide experience in structural steel construction. He has impeccable design knowledge and has a very rich experience in construction methodology. He is a Bachelor of Engineering graduate in Civil and Masters in Structural Engineering and Business Administration. As a Sr. Vice President for Structural Steel division, he is taking care of entire Structural Steel operations and managing the production in the fabrication factory at Trichy. He has good exposure in plants and equipments, manpower augmentation / control across every projects in India. He has experience in project P&L accounts, budget, cost control and cash flow monitoring on periodical basis and also responsible for securing jobs without compromising on the Project intended profit.

He has designed projects with tubular members as long span curvilinear trusses such as, KL Sentral station, kuala lumpur. (2000 MT, 40m span), Kampong Java, Singapore (1200 MT), Entertainment roof, Dubai Mall, Dubai (6500 MT, 60m span), Ice skating , Dubai mall, Dubai (3500 MT, 60 m span), Dubai airport, Dubai (3000 MT). He has executed projects as connection Design, fabrication and erection in scope such as, Burj khalifa (10000 MT), New Doha internation airport (150000 MT), Qatar Olympic stadium (4500 MT) Snow centre , Dubai (3000 MT), Capital gate building, Abudhabi (6000 MT).



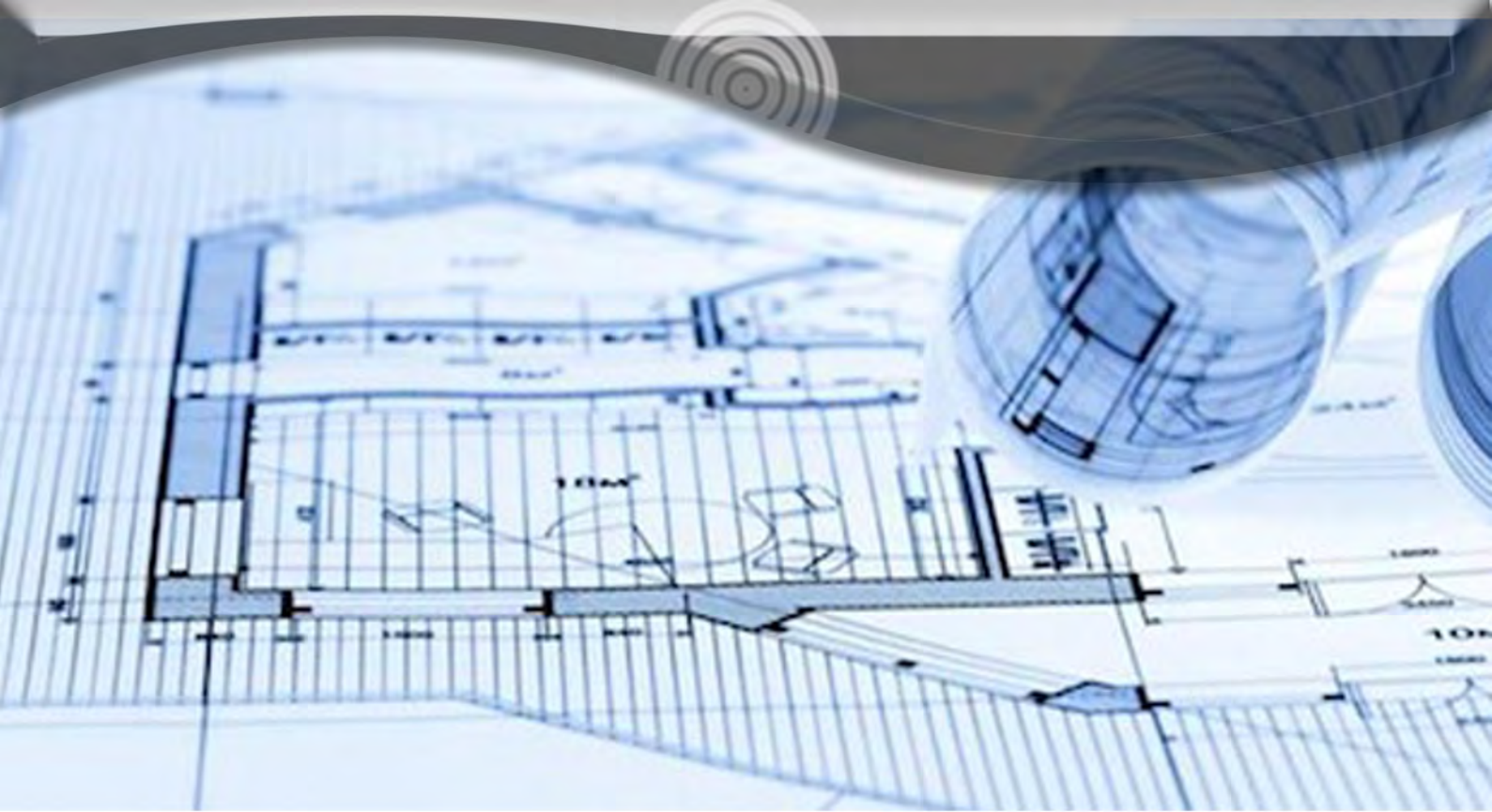
Mr.S. Senthil Kumar is a Promoter & Managing Director of Ganga Foundations Pvt Ltd which was founded by him & Mr.C.Chitti Babu, Chairman in the year 1992. The organization is 20 years old with more than 100 employees. It has successfully completed 85 projects and developed, operates & owns SPECTRUM MALL which is the 5th mall in the city of Chennai and the 1st mall in North Chennai. The company was felicitated with the Best Builder Award for the year 2011-12 by Builders Association of India and the Best Commercial Building award for the year 2011-12 by Construction Industry Magazine.

He is a Mechanical Engineer and later completed M.A.Public Administration & M.Phil from Annamalai University. He graduated in LAW from Venkateswara Univeristy. He has submitted the thesis for his Ph.D. under the subject of RTI Act.

He has been the President of Chennai Flat Promoters Association and Secretary for Construction Industry Development Council (CIDC-TAG) and the Chairman for Human Resources & Skill Development of CREDAI. He has contributed to the Second Master Plan for the city of Chennai and made contributions on a PAN India level pertaining to Service Tax for the Construction Industry. Currently he is heading the taskforce at CREDAI on the Moulivakkam Mishap which took place on (28 June 2014).

Government of India, Ministry of Shipping has appointed Mr. S. Senthil Kumar as Trustee in the newly constituted Chennai Port Trust Board. He is the Promoter & Managing Trustee of Karka Kasadara and the objective of Karka Kasadara is to sow the knowledge of Thirukural in the minds of our students.

He is currently heading the Coimbatore Centre of ICCFG. ICCFG works to strengthen governance capacity in the government, non-profit and public sector organisations with an extensive programme of research into governance practice. It is also a recognised training centre for administrators and civil servants by the Ministry of Personnel and Training, Govt of India. He is now the chairman for the Board of BIS for construction in our country.



CIVIL STREAM PANEL DISCUSSION





Dr. G. Jaisankar, Head of Department, Civil Engineering, welcomed the gathering. He briefed all the guests, students and faculty. He explained the tie-ups of MCET with various organizations for promoting the talents in students. He threw some light on the benefits for students that this Industry Institute conclave will bring. He also introduced Mr. S. Senthil Kumar as the moderator for the session.



Mr. S. Senthil Kumar, Managing Director, Ganga Foundation (P) Ltd, initiated the discussion by stressing on the importance of bridging the gap between industry and academics and suggested few points to deal with this issue. He stressed on the point that civil engineers today has got more opportunities with reasonable challenges.

Mr. P. Ramakrishnan, Manager for Planning in East Coast Constructions and Industries Ltd, Bengaluru emphasized on the importance of application oriented knowledge for creating more job opportunities the students. He highlighted the increasing amount of investments made by the government in infrastructure sector and how these projects are important for Civil Engineers. He also emphasized the necessity for proper guidance in a student's life.





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Mr. R. Jeyakumar, Secretary of CREDAI, highlighted the importance of studying the local area and materials that will suit that locality. He took the students on a journey through his career to underline the importance of starting early in career to become successful entrepreneurs. He cited the importance of lateral and vertical thinking that is needed for an entrepreneur. He mentioned various fields where entrepreneurship can be developed by students and he suggested sectors like rainwater harvesting, painting, etc., He told that one's attitude and interpersonal skills will enable one to become a successful entrepreneur. He also gave some suggestions regarding the books to be read by an entrepreneur like "Think and Grow Rich" by "Napoleon Hill".



A short question answer session followed in which questions related to start ups and entrepreneurship were discussed. It was also discussed that entrepreneurship is a very good choice for a civil engineer where new avenues are ready to be explored.



MS. D. NIVETHA
A/P - ENGLISH

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Industry Institute Partnership Conclave

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Profiles of the Industry Delegates

CIRCUIT STREAM



Mr.T. Arumugam is the Factory HR Head in Kone Elevators India (P) Ltd. He has got more than 25 years of industry experience in companies such as Tamilnadu Petro products Limited Chennai as General Manager HR & Administration, Hyundai Motors India Limited as Assembly Shop & Paint Shop

HR & IR Head and headed Hyundai Government Trade Apprentices Cell, Rambal Limited, Chennai as Manager – HR & Administration and London Rubber Company TTK, Virudhunagar as Executive P&A.

He has completed Bachelors in Commerce, Post Graduate Certificate in HRM from XLRI, Post Graduate Diploma in Personnel Management and Industrial Relations, Diploma in Labour Laws and Administrative Laws, Master of Labour Studies, Master of Business Administration and Bachelor of Law. He is recognised for hiring the right talent, retention and management of performance of the executives. He is consistently effective in streamlining & upgrading the process in improving productivity and reducing costs.

He is trained globally in Kone Recruitment Tools and Psychometric Tools. He has hands on experience in Green field projects, getting initial statutory approvals, formulating HR policies and Liaison with all statutory officials. He is the president of MISSHR Chennai Chapter, Executive committee Member of NHRD, National Executive Council member of ISTD and panel member of FICCI HR.

Mr.G.B. Isaac Patturaja is a HR Manager at Sanmina SCI India Private Limited. He is a Mechanical Engineering Graduate and completed Masters in Business Administration and specialised in Personnel Management & Industrial Relations. He has more than a decade of experience in complete gamut of HR. He started his career with Covenant Consultants and became the Manufacturing Recruitment Specialist in Ma Foi Management Consultants Limited (Randstad Group) prior to joining Sanmina SCI India Private Limited 7 years back. Currently, Isaac is the HR Manager in Sanmina SCI India Private Limited, handling both their Oragadam plant and MEPZ IT facility. He has also completed his Executive Program in Human Resource Management (EPHRM) from Indian Institute of Management, Lucknow (IIM – L) with Certified Lean Six Sigma Green Belt from Sanmina Corporation and EMS and Health & Safety Internal Auditor from Lloyd's Register Quality Assurance Limited. His expertise is in Recruitment, Talent Management, Performance Appraisal, HRIS and other generalist HR activities. Isaac is a fun loving person and his areas of interest lies in Ergonomics, Body Language and Non – Verbal Communication. He is passionate about meeting students and conducts knowledge sharing sessions with the future leaders of this great nation of India. He is also considered to be one of the youngest “Respected HR Professional” in Chennai





Mr. Balajee Seshadri is the Principal Software Engineer, Gigamon Inc. Chennai. He has completed B.E (EEE) from Alagappa Chettiar College of Engineering and Technology, Karaikudi, India in 1984 and M.Tech (Instrumentation) from Indian Institute of Technology, Kharagpur, India in 1986.

He worked for HCL Limited from 1987 till 1991, ACCEL Automation Pvt Ltd from 1991 till 1993, SAP computers Pvt Ltd from 1993 till 1997, GDA Technologies Inc., USA from 1998 till 2008, Independent Trainer from 2008 till 2011, Surabee School of Electronics from 2011 till 2015 and Gigamon Inc. from 2015 in various areas such as Embedded Hardware, Embedded Software and Embedded Training both in India and the USA.

He has been the Product Architect for various High Profile Embedded Products and has designed various embedded hardware boards. He has worked on Physical IC Design and Low level Software Design. He has been the Team Lead for various Embedded Products.



Mr. Loganathan Ganesan did Mechanical Engineering from Dr. Mahalingam College of Engineering and Technology, Pollachi and works as the Manager – Operations for Electrical domain at M/s Caresoft Global Pvt. Ltd, Pollachi. He has nearly 12 years of experience in the area of Design, New Product Development & Outsourcing in Automotive companies. He has worked in many countries including UK, Italy, Belgium, USA and Brazil with various roles and responsibilities such as project coordination, Account Management etc.



Mr.Pathy Iyer is working as the Head, Business Development at Keysight Technologies, Bangalore from 2014. He is currently managing the education business for Keysight Technologies in India. He is working with the sales managers in the country, both in direct sales as well as distributor channels.

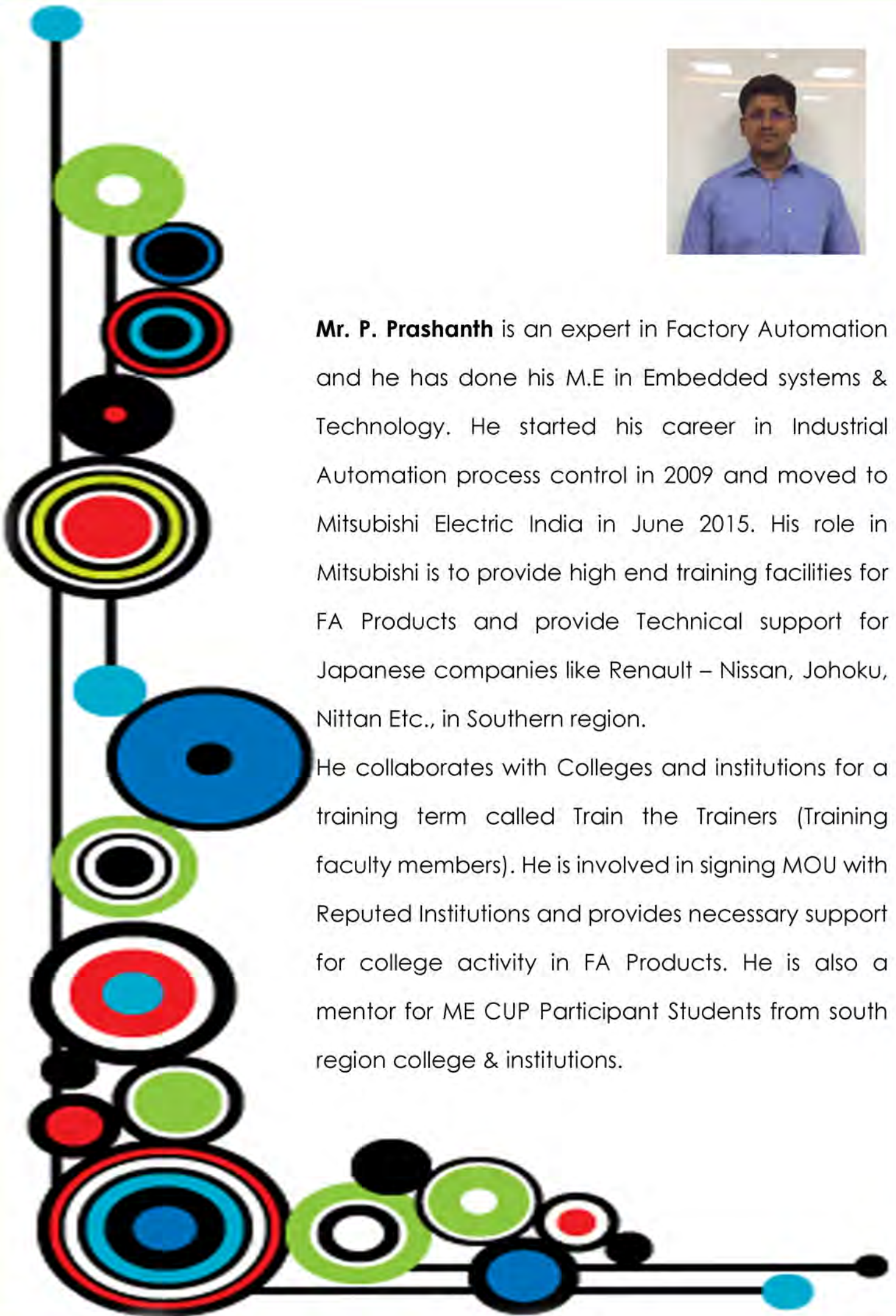
He has worked on an incentive scheme for account managers to reward sales in education. He has established executive relationship with the source of money like DST, MHRD, TIFAC-Core TEQIP etc. He has helped in taking the education business two fold with different approaches and connected with funding agencies to help institutes make proposal for research/teaching labs. He participates in various education forums and panel discussions in connection with various education funding agencies. He has established Center of Excellence Labs at various institutes in both Govt and Private sectors. He is working with Government regulatory bodies for syllabus revision and instrumental in collaborating with IEEE to offer joint programs to academia.

Before joining Keysight Technologies, he was the Head of Business Development, Agilent Technologies from 2010 till July 2014, Business Development Manager, Agilent Technologies from 2004 till 2010 and Project Manager, Agilent Technologies from 2000 till 2004.



Mr. P. Prashanth is an expert in Factory Automation and he has done his M.E in Embedded systems & Technology. He started his career in Industrial Automation process control in 2009 and moved to Mitsubishi Electric India in June 2015. His role in Mitsubishi is to provide high end training facilities for FA Products and provide Technical support for Japanese companies like Renault – Nissan, Johoku, Nittan Etc., in Southern region.

He collaborates with Colleges and institutions for a training term called Train the Trainers (Training faculty members). He is involved in signing MOU with Reputed Institutions and provides necessary support for college activity in FA Products. He is also a mentor for ME CUP Participant Students from south region college & institutions.





Mr. J. Sundar is working as Head-Technical Support & Services for Bosch India from June 2015. He worked at Sales Workshop Concepts & Services from 2014 till 2015, Channel Marketing from Commercial Vehicles from Jan 2014 till Apr 2014 and Technical Services (India Region) from Feb 2013 till Jan 2014 and Head, Technical Services (ASEAN) from Jul 2010 till Feb 2013 in Robert Bosch.



Ms. Shweta Magazine is a Manager at Bosch Limited, India from January 2016. She is an experienced manager with a demonstrated history of working in the automotive industry. She is skilled in Product Quality, Engineering, Business Development, Competency development and ISO/TS 16949. She is a Strong professional with a Crash Course on Creativity focused in Creativity from Stanford University.

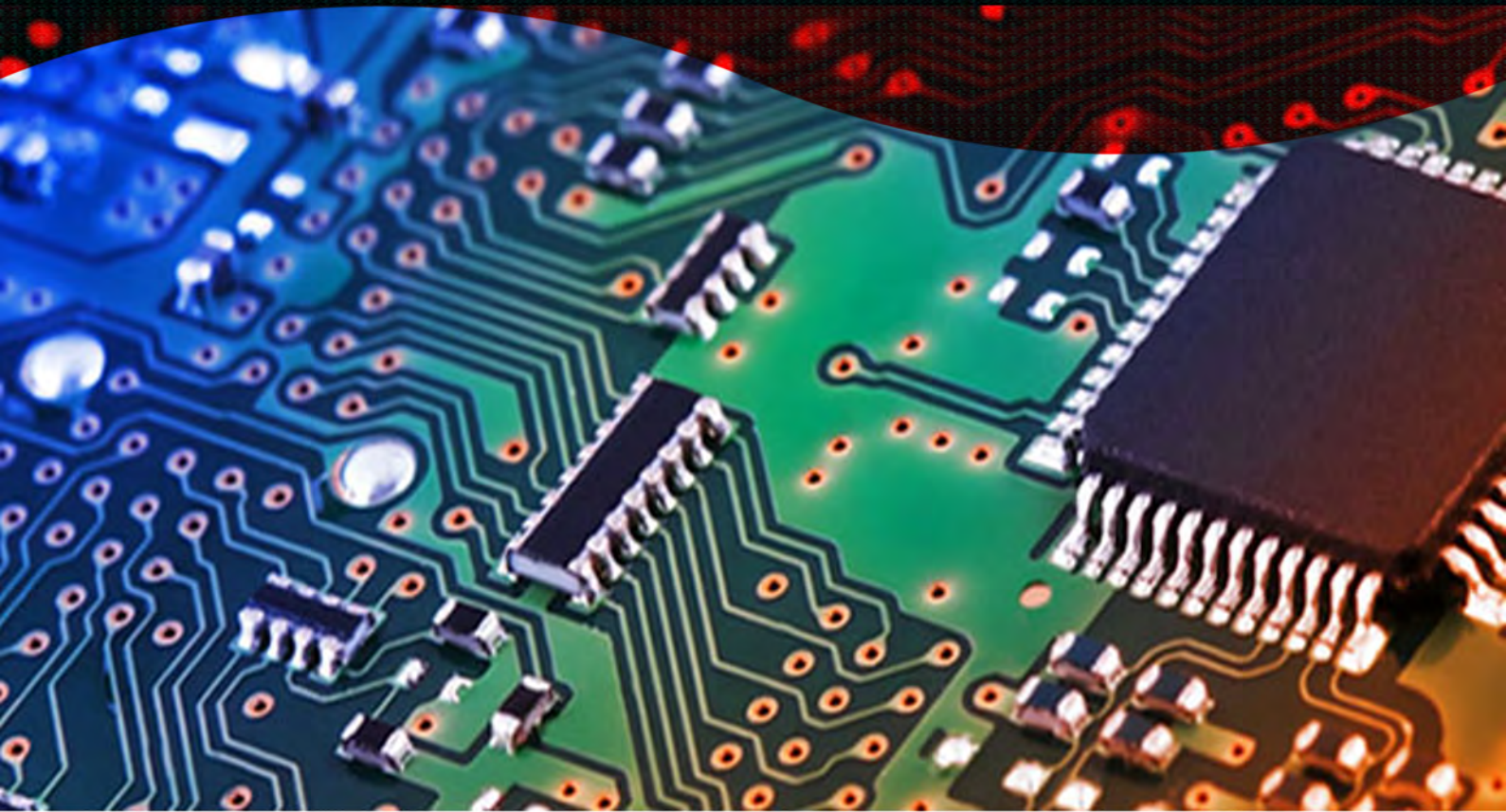
She worked as Deputy Manager at Bosch India from February 2012 till December 2015, Assistant Manager- Service Training at Honda Motorcycle & Scooter India Pvt. Ltd from August 2004 till September 2010 and Executive- Market Quality at Honda Motorcycle & Scooter India Pvt. Ltd from September 2001 till July 2004.

She has completed B.E, Industrial Production from Manipal Institute of Technology in 2001, PGDCRM, Customer Relationship Management from Symbiosis institute of Management Studies in 2009 and Crash Course on Creativity, Creativity from Stanford University in 2012.



V N Krishnan is working on the management of operations at Megatech with branches in the Middle East. He did Electrical Engineering from IIT Madras in 1976. He worked with Tata Electric Companies for one year, after which he joined Siemens as a service engineer. As service engineer, his role was to commission electrical systems supplied by Siemens at various sites across the country. He was deputed to Siemens Germany for specialised training in variable speed drives and Programmable Logic Controllers and CNC machines during 1980-1981 for 18 months. After returning from Germany, he continued with the service department commissioning control systems (Steel rolling mills, Cement plants and CNC machines). After a stint of 10 years, he was transferred to Siemens Madras to head the service division of Southern Region.

In 1992, after a stint of 15 years, he joined Megatech as a promoter and assumed charge of all engineering and site support activities. He was instrumental in commissioning many prestigious projects of Megatech and among them Copper smelter at Hindustan Copper Ltd, Rubber Tyre machines in MRF and Devon Machines, First indigenous Windmill control panel in India and Elevator automation systems with variable speed ac drives at Johnson Lifts were significant. He also developed a strong engineering department capable of engineering complex automation systems with advanced PLC systems, variable speed drives (both ac and dc), Position control systems with servo motors and controllers. He was instrumental in developing a modular training course for graduate students as well as industry participants in the area of automation.



CIRCUIT STREAM PANEL DISCUSSION





Panel discussion for circuit stream commenced with 120 students and faculty members. Mr. Balajee Seshadri, Principal Software Engineer, Gingamon Inc and Mr. V. N. Krishnan, Director, Megatech Control were the moderators for the panel discussion. Dr. M. Ramakrishnan, Principal MCET, Dr. R. Sudhakar, HOD, Dept of ECE, Dr. A. Senthil Kumar, HoD EEE, Dr. Lakshmi Narayanan, HoD E&I and Dr. K. Vijayakumar, HoD, ICE were also present during the discussion.

The platform was well prepared in terms of identifying the experts, preparing the agenda and executing it meticulously. The discussion panel paved way for the circuit stream students to collect as much information and clarification on getting employed in industries which the students consider as their dream job and company. The experts delineated their experience to make the students understand the importance of gaining expertise in their respective jobs. They emphasized the role of engineers in this digitalized world and pinpointed that the students must update their knowledge on state-of-the-art technologies and cutting edge innovations in whichever area they wish to work.

The dais was then left open for Mr. P. Prashanth, Engineer - Factory Automation center, Mitsubishi. He insisted the students to learn the cutting - edge technologies in industrial networking. He told that employers like people who are updated than the people who are outdated. He insisted the students to be innovators and not simulators. He also emphasized that the students should develop a scenario in the colleges where the industrial people will demand for the students rather than the students demanding for the industries.





Mr. Pathy Iyer, Head-Business Development, Keysight Technologies, talked about the growth of defense electronics which will provide lots of opportunities for the budding engineers. He has stressed that the future scope for electronics lies with RF and wireless technologies. He quoted that "No Engineer is complete with theories". He also gave a clean slate explanation about the effectiveness of Digital India in the educational institutions.



Mr. G. B. Isaac Patturaja, HR Manager, Sanmina SCI India Private Limited enumerated the sutras to develop continuous learning of ethics and integrating with a touch of positive attitude to enrich result-oriented knowledge. He differentiated learning and studying. He advised students to take up their projects on an area where their interest lie.



Mr. Balajee Seshadri, Principal Software Engineer, Gigamon Inc. Chennai, commenced his speech by saying that Academic institutions should build a virtual relationship between the students and the industries. He added that the engineering should be perceived by the students only with their own interests and not by any external force. He also raised that mutual relationship between the students and the teachers will help them both and the industry indirectly.





Mr.Mylsami, Sales Manager, Mitsubishi, elaborated his exposure and awareness on automation. Mr. Loganathan Ganesan, Manager, Caresoft Global disseminated on the present rapport that works well between MCET and Caresoft.

All the speakers stressed on the recent employment trend for circuit engineers and the changing demands from the employers. They insisted on the need for industry ready employees. At the outset, Mr.V.N.Krishnan, Director, Megatech Control facilitated the session with inputs from all the industrial experts. He has bolstered the thought provoking discussion by enumerating the role of engineers in industries than an ITI employee. He has reiterated the importance of UG programmes. He insisted the practical oriented learning and hands-on learning for all the courses of UG .In addition to this, he said grabbing the initiative will lead to a fruitful career.

In view of answering the query of the students, Mr.T.Arumugam,Senior Manager-HR, Kone Elevators persuaded the students to chalk out prevailing and upcoming job opportunities in their respective areas of interest. Moreover, he requested the students to dedicate their first five years of employment for learning skills that will surely drive them to become a skilled and successful employees. He deciphered the importance of showcasing and projecting the students' uniqueness and talents in order to stand aloof from the others. He suggested the students to have a career with a satisfied job. The panel discussion came to a formal closure with more insights and inputs from the industrial experts.



MS. K. RAJALAKSHMI
A/P - ENGLISH

THENMOZHI

III EEE





Industry Institute Partnership Conclave

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Profiles of the Industry Delegates

IT STREAM



Mr. Bharathan Prahalad is the Global Head, People First (HR) for TPF Software Inc (TSI). He is a HR Thought Leader and Change Agent with more than 22 years of experience. He has also transformed the People Practice for companies like Polaris, Satyam Computer services, Standard Chartered Scope International and KLA Tencor. Prior to joining TSI, he was heading the HR function for KLA Tencor covering 7 countries in Asia located out of Singapore.

Bharathan is an alumni from XLRI and the Madras School of Social Work (MSSW). He is a Certified Leadership Architect from Korn Ferry Lominger (U.S.A), a Certified Situational Leadership Coach from Ken Blanchard Institute (San Diego, USA) and a Certified Change Management Expert from PROSCI (Professional Sciences Institute, Colorado).



Mr. Manimozhi Gopal is the DGM – Operations for Software domain at Caresoft Global Pvt. Ltd – Coimbatore. He is an IT professional with more than 20 years of experience in planning, developing, implementing and managing various IT solutions. He leads cross functional teams with diverse backgrounds. He worked for Sakthi Sugars Limited for 12 years before joining Caresoft Global Private Limited. He has completed his MCA.



Mr.G. Roy Antony Arnold is a Technology Trainer, Motivational Speaker, Agile Coach, Industry-Academia Collaboration Professional and Learner. He is the Lead for Education, Training and Assessment (ETA), Talent Acquisition and Fulfilment Function (TAFF) at Infosys from October 2014. He has worked as the Senior Member for Education & Research at Infosys from April 2011 till September 2014.

He completed B.Sc., Physics, from Loyola College in 1999, MCA from Bharathidasan University, Tiruchirappalli in 2002, M.E. Computer Science & Engineering from Arunai Engineering College in 2007, Master of Business Administration (MBA) in Education Management from Alagappa University, Alagappa Nagar, Karaikudi in 2015.

He has 14+ years of training and consultancy experience in both IT organizations and academia. He delivers training programs for the competency development of employees on need basis and offered training programs on Java, C#, Python, MongoDB, Android, Agile Methodology, VBA and Macros, and Scripting languages. He has sustained industry-academia collaboration by conducting various programs such as seminars, workshops, faculty training programs in leading engineering colleges in Tamilnadu. He has developed question banks by following Bloom's taxonomy and CAMP model for the competency development of employees, and students. He is skilled in designing and developing training materials and e-learning modules. He also managed Mooshak and Moodle servers to conduct assessment.

He is the member in Board of Studies and academic council in various leading engineering colleges in Tamilnadu. He has delivered and organized various Virtual Instructor Led Training programs through webinars, video conferences and e-learning platforms. He has conducted workshops for the faculty members of various engineering colleges on learning and teaching styles, Bloom's taxonomy, Kolb's learning cycle, active learning and time management.

He is a member of Computer Society of India (CSI), Association for Computing Machinery (ACM) and Institute of Electrical and Electronics Engineering (IEEE).



Mr. V. Sundara Raman is the Director for Cloud ERP/SCM Applications in Oracle Corporation. He is a leader with a record of strategic, tactical and operational achievements and has a passion for creating new products. He has a decade of leadership experience in building Enterprise class ERP products from ideation to market rollout with hands on experience in Product and Business Development and implementation. He is a Cloud Evangelist and Chief Architect of India's first cloud based Enterprise class ERP. He has helped a large number of Small and Medium enterprises to adopt cloud based enterprise planning solutions supporting the organizational transformation.



Mr. Saro Velrajan works for Verizon India, as a Delivery Head. He has 18 years of experience in networking technologies, working for leading companies such as Cisco Systems, Ericsson, and Juniper Networks. Saro has an MBA in Technology Management from University of Phoenix. He has held several roles in product engineering, marketing and product management.

Saro's interests include blogging, traveling, mentoring and public speaking. He is part of a non-profit organization called Toastmasters International, where he helps members to become better speakers and leaders.



Mr. R. Srinivasan is the Co-Founder of CluedIn Technologies, a start-up focused on two important needs of the IT Business today, namely, Predictive Analytics over Enterprise Data and more importantly empowering the 'Bottom of the Pyramid' namely our neighbourhood shops. He holds a Masters degree in Computer Applications from Pondicherry University and MBA from Milton Keynes Business School, UK.

He has got more than two decades of experience in Information Technology space. He spends his time identifying new technology arenas and creating innovative solutions around them to offer the much required technology edge for today's businesses. Having excelled in different roles such as Product Implementation, Pre Sales, Software Development and Application R&D, Srinivasan was the CTO and R&D Head of Ramco Systems in his Previous Stint.

Being a hard core and full stack developer, Mr.Srinivasan, in addition to evangelising technology and innovative concepts, rolls up his sleeves and writes code for all the offerings of his current venture. His varied experience in Software development across devices such as Desktops, MobilePhones, Smart Watches, Google Glass, BLE devices, IoT integrations enables him to pick the right technology for the right solution, with end user productivity as the core driving objective. Mr.Srinivasan is an inventor and got patents in the field of Model Driven Software Development, Automated Software Testing, Software Interaction and Reuse and Visual Interface based software development. His acumen to spot disruptive technologies before they reach the hype cycle has helped his previous organisation Ramco Systems, to stay ahead of competition.

Mr. Srinivasan enjoys nurturing highly talented associates with the right aptitude, whose constant objective is to maximise the business benefits of their customers by using the current and emerging technologies. His passion includes talking to fresh minds both in college and just out of college entering the organisation, as he strongly believes that, concepts or qualities, are better absorbed when the minds are fresh, and have a lasting effect on the career of these young minds. He enjoys sharing his experiences and thoughts in public forums such as CII.



Ms. Sumukhi Jairam is the Vice-President for Talent and Development at NTT DATA for the past 16 years. She has an MBA in HR from Kendriya Vidyalaya and she is part of ISABS.

She is an expert and skilled in Requirements Analysis, Talent Acquisition, Team Management, Vendor Management, SDLC, Business Analysis, Personnel Management and Pre-sales.



IT STREAM PANEL DISCUSSION





Industry Institute Partnership Conclave was conducted on 11.02.2017 which enlightened the students and the faculty members alike on various issues and brought a paradigm shift. Many eminent speakers from various companies were present for the discussion. The program commenced with memento distribution and the moderator for the session Ms.Sumukhi Jayaram, VP Talent Development, NTT Data was introduced by Dr.S.Ramakrishnan, HoD-IT.

Ms. Sumukhi Jayaram, VP Talent Development, NTT Data was the moderator of the session. She addressed the gathering with an opening remark that "MCET has their bonds with NTT Data for more than ten years". She added that Industries look for people who possess integrity & values. She highlighted that hard work & smart work pave way to success and industry is looking for people with team work, flexibility & cultural competence.



The first speaker was Mr.V. Sundararaman, Vice President, Oracle India. He informed that if students want to become entrepreneurs, they could start their project using Oracle. He also told that there is lots of opportunities for people who are good at Cloud Computing using Oracle infrastructure and he insisted everyone to study. He spoke about Cloud which has brought a lot of changes in the IT environment.



laboration, Co-creation

NIA



Mr. Bharathan Prahalad, Global Head HR-TPF Software insisted love is different from expectations so requested everyone should have 100% commitment in their career. He suggested that the students should seek the advice of the experts. He also insisted on the importance of acquiring Patent rights.



Mr. Srinivasan Ramasamy, Co-founder, CluedIn Technologies said that people should learn beyond syllabus and should not depend on their faculty blindly. He insisted the students to complete atleast two online courses per semester. Learning outside the classroom on their own, he said, will help them on the long run. He also insisted that anything beyond the syllabus will hold water during the real time scenario.



Mr. Saravanan Velrajan, Director, Verizon suggested that the students should learn 3 areas- Open source, Meet-up groups, E-Lance platforms. People should update themselves with current trends only then he said that they would survive in their fields.



Mr. Manimozhi Gopal, Deputy General Manager, Caresoft Global threw light on the importance of learning current trends & different technologies. He also stressed on the importance of staying relevant. He told that only those who update themselves periodically along with the technological changes will stay in the IT industry.



Mr. Roy Antony Arnold.G, Lead-Education Training & Assessment, Infosys said that the fundamental aim of education is to make a person "think" and students should trust their potentials and talents.



Various queries from the students were discussed and answered in the session by the industry experts. At the end, Ms. Sumukhi Jayaram, VP Talent Development, NTT Data gave her closing remarks by summarizing the points discussed. The changing IT scenario and the dynamic work place environment were also discussed in detail which helped the students become aware of the real business environment and the opportunities and the challenges an entry level engineer will have in the company.



MS. B. BALAVIJAYAPRIYA
A/P - ENGLISH

DHARSHINI
IIT



DESIGNS BY
V. DINESH - III CSE



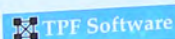
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to the Delegates*

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PARTNERSHIP CONCLAVE**

11th February 2017

**Confluence of Corporates & College for
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