



Confederation of Indian Industry



2nd Edition
**Higher
Education
Conclave**

'Higher Education & Skilling : Quality, Governance & Innovation'

6 October 2017

Visakhapatnam

Background Note



Confederation of Indian Industry

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CONCEPT NOTE

Concept Note

India now has the largest higher education system in the world in terms of the number of institutions, and the second largest in terms of the number of students. Over the last decade, the education market, especially the higher education sector, has witnessed massive expansion in terms of growth and enrolment.

Despite its high growth potential, the sector is at an interesting crossroads. The direction it takes will largely depend on a robust vision and reforms that facilitate and drive this vision. The need of the hour is a reformatory shift in pace and vision, especially if the country has to keep pace with other competing nations that are already taking significant strides in this sector. Contrary to its prevailing scale, size and scope, the higher education sector in India has yet to shift gears to evolve in the right direction through a holistic outlook.

Andhra Pradesh State Government has accordingly decided to fill the gap by constituting a State Council of Higher Education as recommended in the National Educational Policy of the Government of India and as recommended by the committee constituted by the UGC.

The Objective of the Andhra Pradesh Higher Education department is to develop Undergraduate and Post graduate education, Increasing Access to Higher Education, encouraging private participation in the expansion of Collegiate Education, development of infrastructure in Government Colleges, ensuring maintenance of high standards of education in colleges.

Last year edition was held on 23rd August 2017 in Visakhapatnam, The topic discussed were on Industry Institute Interface for Quality Improvement through Culture of Innovation. **Mr Ninad Karpe**, Managing Director & Chief Executive Officer, Aptech Limited spoke on industry - institute collaboration and called universities as “fundamental research hub”. **Mr V Rajanna**, Vice President & Regional Head, Tata Consultancy Services Limited highlighted that faculty should be equipped with digital technology and must focus on innovation. **Mr Prakash Menon**, President, Global Skills and Careers Group (SCG), NIIT Limited (China) briefed about innovative ways of public private partnership. **Prof K Siva Rama Krishna**, Pro Vice Chancellor, GITAM University briefed on the new delivery of quality education from the receivers’ perceptive and the institutions have to understand the expectation of the stakeholders and accelerate the process of industry- academia collaboration. **Ms Piya Bahadur**, Regional Officer, United States India Educational Foundation (USIEF), Hyderabad spoke on changing the culture and it can be achieved by the process of selecting the student. **Mr D Phaneendra Prasad**, Principal, Government Polytechnic, Visakhapatnam stressed that the basic challenge is in the curriculum design and there must be memorandum of understanding with the college and industry. The other session focused on Quality in curriculum design, delivery and evaluation through innovative practices and leveraging technology for quality improvement. **Dr Prathap Haridoss**, Coordinator, National Programming on Technology Enhanced Learning (NPTEL) and Professor, Department of Metallurgical and Materials Engineering IIT Madras spoke on the online certification process and explained about employee training, co-offer/co-certify a course model, scholarship and identifying the best student for the benefit of the industry. **Mr Ashok Immanuel**, IT Coordinator and Associate Professor, Department of Computer Science, Christ University spoke on how to leverage technology for quality improvement and discussed various innovative practices in the Christ University.

The last year edition was well attended by over 200 delegates from Government and Private Educational Institution Industries, Consultants, etc. The conclave concluded with a positive note that such events will bring in a culture of change among the participating institutions to become globally competitive.

In this context, Confederation of Indian Industry (CII) Visakhapatnam Zone is organising its Second Edition of **Higher Education Conclave** with the theme focusing on ***'Higher Education & Skilling: Quality, Governance & Innovation'*** on **6 October 2017** at **Hotel Four Points by Sheraton, Visakhapatnam**.

Objective

Education, Skills and employability are of paramount importance in today's context. As the future of the country belongs to our youth, it is imperative that the stakeholders should come together for deliberation on the way forward.

- ✓ Bridging the gap between education and employability through skill development needs strategic and institutional planning.
- ✓ Revamping syllabus as per industry requirements.
- ✓ Adopting innovative techniques for imparting education.
- ✓ Addressing the need for proper training and skill development through high quality education.
- ✓ Deliberate on the issues and challenges and uphold the achievements of the sector to draw up an action plan for the future.

The Conclave will also serve as a forum of networking between Industry and academia, thus contributing towards its efforts to bring the two important stakeholders of Higher Education together on an issue of common interest.

This year's conclave will cover the following areas which are of immense relevance to the sector:

- ✓ Fostering Innovation In Higher Education – A Structured Approach.
- ✓ Capacity Building In Higher Education: Quality, Prospects, Policies And Challenges.
- ✓ Teaching – Learning And New Technologies In Higher Education.
- ✓ Challenges and Strategies For Developing Sustainable Partnership Between Institutes And Industries.



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SPEAKER PROFILES

Inaugural Session



Pravin Kumar, IAS
Collector and District Magistrate
Visakhapatnam

Mr Pravin Kumar is an IAS officer from 2006 batch. Previously he has been working with Government of Andhra Pradesh as Assistant Collector, U/T Warangal; Sub-Collector, Penukonda; Project Officer, ITDA, Bhadrachalam; Joint Collector, Visakhapatnam and Commissioner, Greater Visakhapatnam Municipal Corporation.

Achievements:

- During HUDHUD cyclone rendered tremendous service in extending relief operations to victims of HUDHUD cyclone which occurred during October 12th 2014 & won the appreciation of Hon. Chief Minister.
- As Commissioner, GVMC, he pioneered the reconstruction of the city, which was devastated by the Hudhud cyclone.
- For his meritorious service done in Visakhapatnam district as Commissioner, GVMC and Joint Collector and in recognition of his services and sincerity he is posted as Collector and District Magistrate for Visakhapatnam district, which is a rare opportunity, keeping in view the significance of the district and the need to post a dynamic Collector to head the district administration.

Awards:

- Received 2 prestigious Awards of Govt. of India for installing LED Lighting by replacing conventional lighting (1) First prize under General category under energy savings and (2) Second prize under Street lighting.
- Received Awards from 2nd Smart Cities Council, Mumbai for Visakhapatnam getting selected as one of the 20 Smart Cities.
- Received Award from Govt. of India under Swachh Bharat for Visakhapatnam getting selected as 5th cleanest city in India
- Received many appreciations from Govt. of A.P. for conducting International Partnership Summit and International Fleet Review successfully.
- Received many appreciations from Govt. of A.P. for successful Patta Distribution Programme to more than 30,000 beneficiaries in one day under one roof.
- Received Award from Govt. of India under Swachh Bharat for Visakhapatnam getting selected as 3rd cleanest city in India



Ninad Karpe
Chairman, CII Western Region and
Managing Director & CEO, Aptech Ltd

Ninad Karpe is the Chairman, Western Region of the Confederation of Indian Industries (CII), which is a honorary position. CII is a non-government, not-for-profit, industry-led and industry-managed organisation

Karpe is a Director of Aptech Ltd. and was the MD & CEO of Aptech Ltd. for many years, till late last year. Aptech is a global education company, which has trained more than 7 million students over the last 28 years and now operates 1300 plus centres, across the world. During his seven year stint as MD & CEO at Aptech, Karpe turned around the company and expanded its footprint to 42 emerging countries, with its brands of Arena and Aptech. By adding new product portfolios, Aptech is now a multi-product, multi-geography company; probably the only Indian company with a retail B2C presence in so many emerging countries.

He previously served CA Technologies, the world's fourth largest software vendor, as MD covering India & SAARC countries, where he was associated with the company for more than thirteen years, since its inception in India. In this post, Karpe was responsible for extending the company's technology reach and building strategic partnerships. He set up the entire partner ecosystem in India and built its image and marketing presence, to make CA the leading Enterprise software company in India.

Earlier in his career, Karpe worked as a consultant, advising companies seeking to invest in India. During this stint, he authored books on taxation and foreign investment in India. He frequently writes for magazines and contributes to management schools by presentations on marketing and business strategy.

Karpe serves as an independent director on the boards of a number of public companies – IDBI Bank, BNP Paribas AMC, and Savita Oil Technologies Ltd.

He has a rare but interesting hobby of home wine-making.



J S R K Prasad
Chairman, CII Andhra Pradesh and
CEO, Better Castings

Mr Prasad CEO of Better Castings and Chairman of CII Andhra Pradesh, is a first generation entrepreneur heading Better Castings engaged in manufacture of American Petroleum Institute certified components to the Oil & Gas Industry. With an integrated manufacturing facility of casting, forging, fabrication, surface coating and CNC machining, makes its products under one roof. Better Castings has developed in-house process technology to manufacture exotic materials like Super Duplex Stainless Steels, Inconels and Hastelloys which is its USP. Better Castings delivers over 95% of its products to customers in US, UK, Mexico, Argentina, Canada, Norway, Netherlands, Denmark, Italy, Germany, France, Belgium, Saudi Arabia, Kuwait, UAE, Oman, Singapore and Malaysia.

A graduate in Mechanical Engineering with a Post Graduation in Industrial Metallurgy from PSG Tech Coimbatore started his Career in 1993 as Trainee Metallurgist at PSG Neelambur Foundry and raised to the post of General Manager by 1997 at Liners India Ltd Vij. Gaining a wealth of experience and exposure in various industries both in India and abroad, Mr Prasad has started his entrepreneurial journey with Better Castings in 2000.

Besides running his business individually he also extends his resources in discharging responsibilities as Chairman of CII AP, as member of CII National Committee on Trade Fairs, as Director of Vijayawada Auto Cluster Development Company, as a member of AP Electricity Regulator commission advisory committee, as State Private Sector Advisory Group (S-PSAG) TEQIP-Project. He also engaged with various Academic Institutions Governing Bodies, Academic Councils and works in connecting the institute to industry.

Mr Prasad has been recognized as the Best Entrepreneur by JRD Tata IE Association, as Pearls of AP by Govt of Andhra Pradesh and as an Eminent Engineer by Institute Of Engineers.



R V S Rudraraju

Vice Chairman, CII Andhra Pradesh and
Director, RHI Clasil Pvt Ltd.

Mr R V S Raju is a B.E., Mechanical Engineering from Bangalore University, after completion of his graduation he moved to USA and after working for some time started a Company which developed Networking Management Systems for Telecom Switches.

He later sold the Company and moved back to India. Upon his return to India he started a Refractory Manufacturing Unit in Visakhapatnam called Clasil Refractories in 2006.

In this pursuit for producing World Class Refractory Products, he entered into a Joint Venture with RHI AG. RHI AG is the world leader in refractories with a turnover of 2 billion Euros.

Today RHI Clasil exports world class refractory products to more than 70 countries. Under his leadership RHI Clasil bagged two awards; one is for Sustained Improvement in Export Over 2009-2010, 2010-2011 & 2011-2012 in large scale sector and other is for Overall Excellence in Export 2011-12 in Large Sale Sector in India. And again for the year 2012-13 & 2015-16 received an award for "Overall Excellence in Export Performance in Large Scale Sector in India".

He is elected and working as Vice-Chairman of CII, Andhra Pradesh for the year 2017-18.

He was elected and worked as Chairman of CII, Visakhapatnam Chapter for the year 2011-12. He was the Convener of CII Employability Program for the year 2015-16.

He is a member of the World Wide Fund (WWF) Andhra Pradesh State Advisory Board from 2012.

He is a member of Regional Advisory Committee of Central Excise and Customs, Visakhapatnam from 2014.



Capt V V M Krishna
Lead Convenor – HR & CSR Panel,
CII Andhra Pradesh State Council and
Managing Director
IMIS Pharmaceuticals Pvt Ltd.

Capt Krishna completed his schooling and degree from Hyderabad.

At the age of 21 years he was commissioned into Indian Navy as an Officer. He rose from Sub Lieutenant to Commander in his 22 years of service from 1981 to 2003.

He took voluntary retirement from Service and joined family owned business IMIS Pharmaceuticals Pvt Ltd. in 2003.

He is the Managing Director now.

He was Chairman CII zone Vijayawada, and has been Panel Convenor for the last 3 years in various panels.

He is also the President of Ayurvedic Manufacturers Assn and President of Defence Officers Association of AP.

He has travelled extensively to various countries both in navy as well as in business. IMIS exports products to a European country.

He has delivered many talks at Colleges and Schools on various topics as a part of CEO speak.

His wife Dr Nagalakshmi is presently Chairperson IWN AP



G Murali Krishna

Vice Chairman, CII Visakhapatnam Zone and
Managing Director & CEO, Fluentgrid Limited

Murali Krishna Gannamani an engineering graduate, is the founder Chairman, Managing Director and CEO of Fluentgrid limited (formerly Phoenix IT Solutions Limited). He is also the Vice Chairman of CII Visakhapatnam Chapter. Based out of Visakhapatnam, India, this second-generation entrepreneur has successfully handled multiple businesses. He is highly passionate about technology, innovation and greener solutions. He established Phoenix IT Solutions in the year 2001 and in a matter of just one decade has positioned the company as one of the premiere solutions provider for Energy, utility and smart cities customers. He is a visionary entrepreneur who saw an opportunity and also felt the need for transforming the loss making power distribution companies into sustainable smart utilities. With relentless focus and commitment to build a world class software product company, he crossed numerous hurdles to nurture this Visakhapatnam based company into a globally recognized technology solutions provider for utilities and cities, with around 500 employees.

Fluentgrid's mPower CIS™ product played a key role in commercial transformation of many utilities across the world including AP Eastern Power Distribution Corporation Ltd of Visakhapatnam, which has set a benchmark with the least AT&C loss percentage in India. Continuing the success story Murali Krishna directed the company's efforts in to then nascent M2M space for smart metering solutions and today mPower MDMS™ is a well-respected software product in the smart metering and smart grid space. Both these products figure in their respective Gartner magic quadrants, a unique achievement for an Indian software products company. Fluentgrid is now leveraging IoT and analytics to offer digital transformation solutions for smart cities and communities.

Murali Krishna loves Visakhapatnam and actively contributes to the cause of making it a business friendly smart city. Anand Cityzen is the CSR wing of Fluentgrid Ltd striving for people centric smart city initiatives supported by technology to ensure better quality of life in an era of rapid urbanization. Cityzen is now working on Smart Kirlampudi pilot project to transform Kirlampudi Layout of Visakhapatnam into a clean, green, safe, healthy, digital and hence a smarter community. Cityzen has also backed several technology initiatives in the city like smart tree census with geotagging, smart solar street lights with cameras, solar-wind hybrid generators, emergency poles for beach safety with cameras, panic buttons and public address system, integrated city command centre and so on.

Murali Krishna has won many accolades along the way including the prestigious Asia Pacific Entrepreneur Award 2016, National RWA Best Manager Award 2016. Under his leadership, Fluentgrid has been conferred with various prestigious Awards such as Deloitte Technology Fast 50 & Fast 500 Award 2016, IBM Beacon Finalist Award 2015 for Outstanding Smarter Cities Solutions, Fierce Innovation Award 2015, NASSCOM Innovation Award 2013, Dun & Bradstreet Award 2013, Red Herring Top 100 Award 2013, Deloitte Technology Fast 50 Award in 2012 & 2013, ITsAP Award for Best IT product in 2012 and Best IT company from Vizag in 2013, IBM Beacon Award for Smarter Industry 2012 – Best Industry Solutions in the Energy and Utility Segment.



Mei-kwei Barker
Director – South India
British Council

Mei-kwei Barker has a rich experience of over 20 years with the British Council. She took up her current post as Director South India for the British Council in August 2014 and oversees British Council portfolio across South India. Her previous position was as Director of English, United Arab Emirates where she took the strategic lead for the Teaching Centre operations in Abu Dhabi, Dubai and Sharjah as well as the English Teacher Training work across the Emirates. Mei-kwei first joined British Council in Hong Kong where she worked as a teacher and has since held a number of senior positions in the British Council, managing operations in countries such as Sri Lanka, Indonesia and Egypt. The latter two gave her an opportunity to work within the Higher Education sector and in addition she has overseen Change Management portfolios across the full spectrum of British Council work in both Singapore and Egypt.

Session 1

Fostering Innovation in Higher Education – A Structured Approach



G S Shiv Kumar

Immediate Past Chairman, CII Andhra Pradesh and
Chief Executive Officer
Maple Software Pvt Ltd

Mr. Siva Kumar is a Post Graduate in Computer Science from University of Florida, Orlando. He was awarded with a B.Tech Degree in Computer Engineering from Mangalore University. He started his business career in India by successfully establishing Exports business in the areas of seafood and granite since then. He founded Maple Software in the year 1999.

He is actively involved with various industry associations and worked very closely with CII in various capacities and was the Chairman – CII Andhra Pradesh in the year 2016-17

Currently he is the Co-Chairman, CII Southern Region Task Force on MSME and International linkages, Immediate Past Chairman and Convenor, CII Andhra Pradesh, Industry 4.0 / IT & ITeS Panel for the year 2017-18.



Prof N V Varghese

Vice Chancellor

National University of Educational Planning and Administration

Professor N V Varghese is currently Vice Chancellor of the National University of Educational Planning and Administration and the Director of the Centre for Policy Research in Higher Education (CPRHE), New Delhi. He holds a doctoral degree in Economics with specialization in educational planning. He was Head of Governance and Management in Education at the International Institute for Educational Planning (IIEP/UNESCO), Paris till October 2013 and Head of its Training and Education Programmes from 2001 to 2006. He was responsible for designing and introducing the IIEP Master's programme in educational planning and management. In the 1990s he was a Professor and Head of the Educational Planning Unit at NIEPA, New Delhi. He has been closely associated with educational planning at the federal and decentralised levels and with the design and development of externally funded education projects in India

While in NIEPA, he was responsible for managing an Asian regional network - the Asian Network of Training and Research Institutions in Educational Planning (ANTRIEP) and was editor of its Newsletter. While in IIEP, he was the Secretary General and responsible for the Secretariat of the International Working Group on Education (IWGE) which is a network of funding agencies in education. He has directed several research projects; published around 25 books and research reports, and more than 170 research papers and articles in areas related to educational planning, financing and higher education.

Recent books

1. *India Higher Education Report 2016 : Equity* (with N.Sabarwal and C.M.Malish), Sage New Delhi 2017 (in the press)
2. *Reforms and Changes in Governance of Higher Education in Africa*, Paris, IIEP/UNESCO
3. *India Higher Education Report 2015* (with Garima Malick), Routledge, (Francis and Taylor group (London and New Delhi, 2016).
4. *From Schooling to Learning* (IWGE Report), Paris, IIEP/UNESCO, (2014).
5. *Higher Education in Asia : Expanding out and Expanding up - the rise of graduate education and university research*, (co-author) Montreal, UIS (2014).
6. *Governance reforms in higher education: A study of institutional autonomy in Asian countries* (With Michaela Martin) Paris, IIEP/UNESCO (2014).
7. *Diversification of Post-Secondary Education*, Paris, IIEP/UNESCO, (2014).
8. *Higher education in regional and city development: State of Penang, Malaysia* (with J.Puuka, P.Durable, A.McGuinness, A.Hofer and H. Mukherjee), Paris, OECD, (2011).
9. *Financing Education: Redesigning national strategies and the global aid architecture* (with Lene Buchert), Paris, IIEP/UNESCO (2011).
10. *Directions in Educational Planning: International experiences and perspectives* (with Mark Bray), Paris: IIEP/UNESCO (2011).



Dr Kalidindi N Satyanarayana

Director
Indian Institute of Technology, Tirupati

Dr. Kalidindi N. Satyanarayana is currently the Director of IIT Tirupati, Andhra Pradesh. He has been a Professor in the Building Technology & Construction Management Division of the Department of Civil Engineering at the Indian Institute of Technology Madras, Chennai, India.

He received his B.Tech degree in Civil Engineering from IIT Madras. He then received MS and PhD degrees with specialization in Construction Engineering and Management from Clemson University, USA. He has been a faculty member at IIT Madras since 1991. In 2009 he was a Visiting Professor at Iowa State University, USA.

His teaching, research and consulting interests are in the areas of project management, construction contracts, construction productivity, construction equipment, C&D waste management and public private partnerships. He has published extensively in these areas. He is the recipient of many academic awards including the PMI (India) Distinguished Scholar Award (2011).

At IIT Madras he served as Advisor - Alumni Affairs (2004-2009) and Chairman - Engineering Unit (2010-2013). He is currently Chairman of the Implementation Committee for IIT Madras Research Park - Phase II (one million sq.ft. facility). He has served on the committees for setting up new campuses including - IIM Trichy, IIT Indore and IIT Jodhpur.

He is Chairman of the Academic Advisory Group, Project Management Institute (PMI) India; Vice-Chairman, Board of Advisors of The Glass Academy; Expert Member on the Board of Management of Building Materials & Promotion Council (BMTPC), and serves as Independent Director on five company boards.



Prof V S S Kumar

Vice Chancellor
Jawaharlal Nehru Technological University, Kakinada

Prof. V.S.S.Kumar obtained his Bachelor's degree from University College of Engineering, Osmania University, and M.Tech., and Ph.D. degrees from Indian Institute of Technology, Delhi. He was a Post-Doctoral fellow with the University of Wisconsin, Madison, USA. He was Professor & Head, Department of Civil Engineering, and Director, Artificial Intelligence Centre, Osmania University, Hyderabad. He also taught at Arba Minch Institute of Water Technology, Ethiopia. Dr Kumar was awarded VISWAKARMA AWARD, by CIDC, Planning Commission, Govt. of India. (March 7, 2011)

Dr Kumar produced Seven Ph.Ds. and published over 114 research papers in various international and national journals and conferences and reviewer for ASCE Journal of Construction Engineering and Management. He was the founder co-coordinator of the post-graduate program in Construction Engineering and Management and organized a Memorandum of Understanding with Southern Illinois University at Edwardsville, USA for faculty and students exchange. He obtained research funding from the AICTE and DST. He delivered guest lectures at Arizona State University, Purdue University, Southern Illinois University, USA and Loughborough University, UK. He is the expert committee member for UPSC, AICTE, UGC, APPSC and also Member, Southern Central Regional Committee of AICTE. Presently, Dr Kumar is working as Vice Chancellor, JNTU, Kakinada.

Session 2

Capacity Building in Higher Education: Quality, Prospects, Policies and Challenges



Dr Pankaj Mittal
Additional Secretary
University Grants Commission

Dr (Mrs) Pankaj Mittal, Additional Secretary, UGC is a Fulbright scholar and has been a topper in MSc and PhD in Agricultural Statistics from IARI, New Delhi. She has a wide ranging experience of about three decades in Higher Education in the fields of Policy Planning and Management of Higher Education including Promotion of Access, Equity, Relevance, Quality and Human Resource Management.

Dr Mittal was appointed by the Government of Haryana as the first regular Vice Chancellor of Bhagat Phool Singh Mahila Vishwavidyalaya, the first rural women university of North India, in 2008, at a young age of 44 years which was later extended for another term. Dr Mittal introduced a series of innovative practices and reforms as the Vice Chancellor of the only rural, residential, multi-faculty, women state university of the country which imparts education to 7000 girls from KG till PhD level in a holistic manner.

Dr Mittal has visited a number of countries like USA, United Kingdom, Australia, South Korea, Spain, Germany, South Africa, Hong Kong, Bangkok, Mauritius, Bangladesh and Philippines for academic purposes for presenting papers in international conferences and for academic exchanges on behalf of UGC and the university. Dr Mittal was also the proud recipient of Fulbright Nehru Scholarship grant for Educational administrators.

Dr. Mittal has been a member of various High Powered Committees and Professional Bodies including Programme Advisory Board and HRM Network Steering Committee on Human Resource Management of Association of Common wealth Universities, London, Pay Review Committee for University and College teachers in Haryana, Kerala State Council for Higher Education, Rehabilitation Council of India, Haryana State Council for Higher Education and Haryana Innovation Council.

She has published a number of papers, articles, occasional papers and reports on issues relating to higher education and women empowerment in national and international journals.



Prof M Chandrasekhar

Director

Indian Institute of Management, Visakhapatnam

Professor Chandrasekhar is currently the Director of Indian Institute of Management Visakhapatnam.

Indian Institutes of Technology at Delhi and Bombay are among his alma maters. He was with the Administrative Staff College of India (ASCI), Hyderabad as full Professor from April 2002 to March 2017. During this tenure, he held many academic and administrative leadership positions as Director of the Centre for Public Policy, Governance & Performance; Director-in-charge of the Centre for Poverty Studies & Rural Development; Director of the Centre for Innovation & Technology; Chair of the Technology Policy, Management & Innovation Area; Dean of Research & Consulting, Dean of Long-term Programs and Dean of Training Programs (Long-term & Short-term). He was also the Director of Centre for Innovations in Public Systems, a specialized Centre established at ASCI by the Govt. of India.

Between 1983 and 2002, Chandrasekhar held senior management and top executive grade positions in the corporate sector, in manufacturing and financial services.

Chandrasekhar has been Chairman / Member of several high-power Committees constituted by the various Ministries / Departments of the Govt. of India.

Chandrasekhar's interests are in Public Policy, Public Service Delivery, Performance Management in Public Sector Organizations, Administrative & Governance Reforms and Innovations in Public Systems.



Prof G Nageshwara Rao

Vice Chancellor
Andhra University

Prof. Nageswara Rao, Gollapalli, assumed the office of the Vice-Chancellor on 17th July 2016. Prof. Nageswara Rao joined as faculty member in 1989 in the Department of Inorganic and Analytical Chemistry and became Professor in 2006 and continuing as professor till date. Based on his academic achievements and research accomplishments the Govt. of Andhra Pradesh has bestowed the position of the Vice-Chancellor of Andhra University.

Based on merit and experience he was awarded Biotechnology National Associate by the Department of Biotechnology, Govt. of India and he has carried out research at the Indian Institute of Science, Bengaluru. He had been to abroad during 1997-98 to work as Post-Doctoral Research Fellow, with the funding support of Govt. of South Africa at the University of Durban. He won Best Research Award in the year 2000 and Best Academician Award in the year 2008 of the Andhra University for his sincere efforts towards academic and research activities. The Government of Andhra Pradesh also recognized his excellence in the field of education and conferred "State Best Teacher Award" in the year 2014.

He successfully guided 36 Research Scholars for the award of Ph.D degrees apart from guiding 13 M.Phil students. He published 268 research papers in both national and International Journals of repute. He has participated in 98 seminars / conferences and presented his research results to the benefit of science. He has successfully completed several research projects with the funding support of the University Grants Commission, Department of Science & Technology, Govt. of India and Department of Ocean Development.

Prof. Nageswara Rao is the Editor-in-Chief for the Journal of Modern Medicinal Chemistry, and he is on the Editorial Board of two journals and he acted as a reviewer for 142 papers covering 61 International Journals. He adjudicated 120 Ph.D theses for 23 universities. He is the author of the book entitled "Computer Applications in Chemistry" published by Himalaya Publishing House, Mumbai.

During his illustrious career, Prof. Nageswara Rao has successfully steered several important positions such as Director (2013 - 2016), School of Chemistry, Associate Director (2013-16), Directorate of Admissions, Placement officer (2015-16), Placement Cell of College of Science & Technology, Andhra University, Head of the Department (2009-2012) of Inorganic and Analytical Chemistry, Chief Warden, Science Hostels (2008-2012). As Placement Officer he was instrumental to get campus placements during 2015-16, and he helped several students to secure good employment opportunities.

Prof. Nageswara Rao has great perseverance to address critical issues and great passion towards teaching and he could establish great values in all the administrative positions so far held. He loves social service and he is committed for the advancement scientific research and upholds higher standards of Education.

Session 3

Teaching - Learning and New Technologies in Higher Education



Prof C Thangaraj
Director and Member Secretary
NITTTR, Bhopal

Prof C Thangaraj, hails from Keelarajakularaman (KRKR) village of Virudunagar District, Tamilnadu. Had his schooling, from his village and from the industrial town of Chatrapatti, in Government schools. He had his Bachelor's Degree from Thigarajar College of Engineering and his M Tech and PhD degrees respectively from IIT Kanpur and IIT Delhi.

He has started his teaching career from BITS Pilani and taught for 10 years in Jamia Millia Islamia, New Delhi before leaving for University of Birmingham as Commonwealth Fellow in 1992. Subsequently, he was a Visiting Scientist at School of Civil and Environmental Engineering during 1993-95. He is also the recipient of NFP Scholarship and DAAD Senior Fellowship, which he spent at RWTH, Aachen.

In 1996, he has taken over as the Principal of Arulmigu Kalasalingam College of Engineering and was heading the institute for 10 years until it become a Deemed University in 2006. He become the Founder Vice Chancellor of Kalasalingam University, the position in which he served until 2010 before taking over as the Founder Vice Chancellor of Anna University of Technology, Chennai, a state university. He was also the Vice Chancellor of Vignan's University, Vadlamudi, Guntur Andhra Pradesh during 2014-17.

He has joined in his present position, Director, NITTTR Bhopal, an institution under MHRD, Government of India, on 17th April, 2017. He focuses on technical teachers' training.

He was the Coordinator of the TIFAC CORE in Network ENGINEERING which was set up at a cost of 20 Cores in a triangular partnership mode. He is credited with the design of a six-year integrated B Tech program for Speech and Hearing Impaired Persons (SHIP) for the first time in Asia.

His research interests include large scale systems, dynamic hydraulic modeling, Object Oriented Design and Parallel Computing. He has over 100 publications to his credit and a life member in three professional societies.

He is one of the known farmers in his region and has the experience of running full scale dairy farm to practice organic farming. His wife Senthil is the Home and Farm Manager; the elder daughter Sushma is an IRTS officer of 2011 batch, and the younger daughter Shruthi has done her Masters in Computer Science and is pursuing research studies.



Dr Shashikant Albal

Director, SSN School of Advanced Software Engineering
and SSN School of Advanced Career Education

Shashikant Albal obtained his Master of Engineering from the University of Bombay and PhD from the Indian Institute of Technology, Bombay in the field of Computer Aided Design using finite element technique. Prior to SSN, he has worked in Bombay University (VJTI) for 12 years and taught a variety of subjects. In addition to academics and research, he has worked in diverse roles in leading industries, TCS, MBT and SYNTEL, for twenty years where he handled responsibilities of training, technology and software project management.

He is the director of SSN SASE from its inception (Nov 2001) and the director of SSN SACE since its inception in 2014. He teaches a number of subjects including Managing Software Development, Software Process Definition, Software Measurement, and Personal Software Process. At present he is also focusing on utilization of technology advancements in innovative teaching-learning process.

He is recognized as an international faculty by Institute for Software Research, Carnegie Mellon University. He works as a program committee member of International Conference on Software Engineering Education and Training (CSEET) from 2009-10 onwards.

In March 2015, Dr. Albal received award from CMU on behalf of SSN for longest International partnership.

**Manjula Rao**

Director for Higher Education and Society
British Council India

Manjula Rao is the Director for Higher Education and Society, British Council India. She is a physicist by training, and followed that as a lecturer at St Xavier's College Mumbai and researcher at Neils Bohr Institute Copenhagen, before joining the British Council.

During her tenure with the British Council, spanning over two decades she has been responsible for strategy, planning and business development working with a range of senior stakeholders in India and the UK. She worked on bilateral and multilateral projects in health, education and science and technology sectors funded by the European Union, World Bank, Department for International Development and other UK agencies.

Her work in higher education includes promotion and support to policy reforms, academic partnerships and mobility programmes between UK and India. She plays an advisory role informing the UK about policy changes, trends and market insights in the Indian higher education sector.

Session 4

Challenges and Strategies for developing sustainable partnership between Institutes and Industries



Dr V S R K Prasad

Director

Indian Institute of Petroleum & Energy (IIPE)

Education: B.Tech & M.Tech., & Ph.D in Chemical Engineering from the college of Engineering, Andhra University, and also Post Graduate Diploma in Environmental Studies from Andhra University.

Experience: Director of IIPE (Indian Institute of Petroleum & Energy) since May 2017. One year as Adviser Academics of IIPE Over seven years as Principal of ANIL Neerukonda Institute of Technology and Sciences (ANITS), Nearly 30 years of teaching experience in Andhra University, Visakhapatnam, as Lecturer, Reader and Professor of Chemical Engineering with specialization in the areas of Mass Transfer, Industrial Pollution Control Engineering and Electrochemical Engineering.

Research: Guided 13 Ph.Ds in Chemical Engg with the topics of specialization in Industrial Pollution Control Engg and with applications in Chemical Industries including in Petroleum, Petro-chemicals. Also guided about 28 M.Tech theses and Published about 85 papers published in various journals and conferences (**34** International Journals + **26** National Journals + **23** Conference).

Consultancy: Associated with various industries like Visakha Dairy, GTS Industries, Visakhapatnam Steel Plant etc., for ETP design and analytical works and AP Pollution Control Board.

Special assignment: Nominated by Government of India as Chairman of State Environmental Appraisal Committee (**SEAC**) for three years from October, 2014.

Awards: Received “Corps Engineer” award from Indian Institute of Engineers for the year 2006.

Academic Expertise and Achievements:

- a) Task Force Member of AP Pollution Control Board March-October, 2014
- b) Technical Committee Member for Andhra Pradesh Pollution control Board, Visakhapatnam Zone – 2000 – 2002.and 2006-08.
- c) Acted as peer committee member for NSTL projects.
- d) Initiated and established new laboratory “ Environmental Pollution Control Engineering Lab”. For studies on pollution and its control.
- e) Initiated teaching in Environmental Pollution Control Engineering, at B.Tech and M.Tech, Chemical Engineering.
- f) Instrumental in initiating the new P.G Program M.Tech Industrial Pollution Control Engg.



K Pavan Krishna

Chief Executive Officer
Vignan Group of Educational Institutions

Pavan Krishna Kosaraju is the CEO of Vignan Group of Educational Institutions for the Visakhapatnam region. He is responsible for the overall management of 2 engineering colleges, 1 pharmacy college, 3 schools and 1 Jr. College with a total student strength of more than 8000 students and 750 staff members.

At Vignan, Pavan is responsible for the overall administration, academics, HR, Finance & admissions. He is instrumental in markedly improving the training for the students and thus increasing placement percentage at Vignan Engineering Colleges and also in bringing companies such as Microsoft, Infosys, TCS, IBM, Tech Mahindra and Polaris onto the campus. He envisions to shaping Vignan colleges into regional leaders in terms of the quality of the education and the relevance of the education provided to the real world.

Prior to Vignan, he was the co-founder and Chief Operating Officer (COO) of Imagine Software Labs, Hyderabad. Imagine Software Labs is into the development of Augmented Reality applications catering to the retail, defense and healthcare sector. Pavan was responsible for strategy formulation and execution in addition to taking care of the human resource needs of the company.

While at KPMG he operated from the Frankfurt office for 4 years as the Executive Assistant to the Global Head of FRM division and coordinated FRM division's activities in 72 countries with over 2000 professionals and about \$340 mn revenues. He was an active part of the team which was instrumental in the planning and execution of business development activities across the Middle East, Latin America, Egypt, China and India. Identifying the need for Financial Risk Management services in India, he was instrumental in convincing the Indian team to setting-up KPMG's FRM division. Working as an expat in India, he worked at the Mumbai office and coordinated the planning, set-up and ramp up of the Financial Risk Management (FRM) department which eventually grew to a 20 member team with estimated revenue of INR 70 million.

Pavan has over 13 years of professional experience working in high technology, business development and financial consultant roles in Germany and India and worked with firms such as Infosys, SAP Labs and KPMG. Pavan holds a B.Tech degree from IIT Madras and an MBA degree (Entrepreneurship) from the European School of Management and Technology (ESMT), Berlin where he was the SAP distinguished Scholar. He is also a certified Financial Risk Manager (FRM) from Global Association of Risk Professionals (GARP), USA.



Venkatarayulu Bonam
Delivery Project Executive
IBM India (P) Ltd

Mr Venkata is an Engineering Graduate (ECE) working as Sr. Delivery Executive in IBM has been working for more than 17 years in IBM. An astute IBM DPE, PMP & SCAMPI V1.2 (CMMI) certified professional with 8 years non-IT as entrepreneur and more than 20 years of experience in IT in the areas of Delivery, Client Relationship Management, Program Management, Project Management and Software Development.

Worked in UK, USA, Canada and in New Zealand with prestigious clients like Abbey National (UK), Fidelity (USA), World Bank, Bank of Montreal (Canada), SunTrust (USA) and Standard Life (UK).

Domain Expertize: Financial Services (Banking, Insurance & Mutual funds)

Additional Responsibilities:

- IBM Regional Campus Hiring Lead (AP and Telanganaa)
- IBM Project Management Review auditor panel member



Dinesh Chandra Kandwal

Director – HR
Dr Reddy's Laboratories Ltd.

Dinesh Chandra Kandwal is Director - HR at Dr Reddy's Laboratories Limited. At present, he heads HR function of the company's manufacturing cluster in Vishakhapatnam, which is one of the largest manufacturing base of the company that produces Active Pharmaceutical ingredients (APIs), oral solids, Topicals, Injectables and Metered Dosage forms. He holds masters in Pharma Management and Industrial Psychology.

He has rich experience in pharmaceutical Industry spanning across value chain such as R&D, Manufacturing, Supply Chain and Sales & Marketing. He managed HR functions in India, Central Asia and Eastern Europe. He started his career in Sales & Marketing and subsequently transitioned to HR. His experience includes Launching & Managing Brands, Managing P&L, Sales Force Effectiveness, Designing Sales Incentive, etc. He worked in the area of Organization Design, Performance Management and competency based talent acquisition & Development.



Ravichandra Kolluru

Location Head
Tech Mahindra

Mr Ravichandra Kolluru is a Post Graduate in Computer Applications from Andhra University. He is also a Certified Global Business Leader from U21 universities and Harvard School of Publishing. Ravichandra has close to 19+ years of experience in the IT Industry spanning across different roles of Delivery Manager, Program Manager, Operations Head and Presales Head.

Ravichandra has been associated with Tech Mahindra since 1998. In his current role of Presales Head – Enterprise ROW is responsible for solutioning and Sales support for different customers across all industries and multiple technologies for the countries in this region. As an Additional responsibility, Ravichandra is currently playing the role of a Location Head for Tech Mahindra Vizag Facility. In this role, he is responsible for business growth and smoother delivery of engagements from Tech Mahindra Vizag Facility. As a location head also responsible for liaising with Govt Officials, Industrial Forums (CII, NASSCOM), and Academic Institutions.



Confederation of Indian Industry



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VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY DUVVADA::VISAKHAPATNAM

VIGNAN's Institute Of Information Technology is established in 2002 by the Lavu Educational Society which is serving the cause of education at all levels and all layers from Kindergarten to Post Graduation for the last 37 years with a student base of 50,000, providing spectrum of Academic opportunities to pursue and fulfill.

VIGNAN's Institute of Information Technology (VIIT) is founded by VIGNAN'S LAVU Educational Society Chairman, Dr Lavu Rathaiah Garu, Guntur. In the field of education, the Vignan group has contributed towards establishing knowledge movement akin to another freedom movement in Andhra Pradesh. VIGNAN is a pioneer and trendsetter at the +2 stage in A.P. and this Group is responsible for creating awareness and competitive environment among the students, parents and the public in general. The college is located in the fastest growing City of Destiny Visakhapatnam and also amidst industries to facilitate continuous Institute Industry Interface. Through well designed, multifarious academic as well as co-curricular activities, the institution has been producing consistently high results right from the year of its inception. VIIT is always in top 5 positions among the 300 affiliated Engineering colleges of JNTUK.

Centre of Excellence and KEY Highlights of the institute

- VIIT is one of the best Autonomous engineering college amongst JNTUK affiliated colleges which having manifold recognitions and accreditations like, **NBA and NAAC 'A' Grade** with CGPA 3.41/4.00.
- Being a Group, Vignan university also recognized by **NAAC -A Grade** for its academic excellence. And also recognized by **Gove. of Andhra Pradesh with A Grade in terms of Key performance Indicators** in Engineering Education.
- VIIT is recognized as **8th Top Emerging Engineering College** in India and **7th Top Engineering College** in AP and also **19 Top Engineering College in India in terms of academic excellence**.
- In terms of academic result, it is always placed on top **5 positions amongst 265 JNTUK affiliated engineering colleges in AP**.
- Only engineering college in AP which secured with more than 80% placements through the prestigious MNSs like, Microsoft, Tech Mahindra, Infosys, TCS, Syntel, Yodlee etc.,
- VIIT is one of the **Best consortium leader recognized by IUCEE** in AP and Telangana.
- Institute is having sound academic structure with more than 50 doctorates along with many more visiting professor from IITs and NITs.

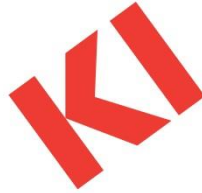
Special Awards :

- All India Rashtriya siksha Gourav Puraskhar award
- Gold Medals at internal level in the South Asian Athletics
- A National level CSI award for good publications
- Best teacher award from University
- Shortlisted for women young scientist award
- VIIT is a center of academic excellence which produced University Gold medals consecutively for the past seven years in the academic excellence of the students.
- State level best NSS institute.

Central facilities:

- ❖ Transport facility from nook and corner of the city
- ❖ Well equipped digital library with more than 500 work stations 24/7 hours
- ❖ Wifi enabled campus and Hostel facility for both girls and boys with AC and Non AC rooms.
- ❖ Un-interrupted internet facility with 40 mbps speed
- ❖ Well defined sports facilities with the national standards.
- ❖ State of art infrastructure and laboratories which articulate with the global standard.
- ❖ Un-limited mineral water facility for both students and staff

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KI – Krueger International was Founded in 1941 in Green Bay, Wisconsin. Humble beginning as a manufacturer of simple metal furniture and evolved into one of the world's most respected brands in the contract furniture industry. Known globally as a prominent designer and manufacturer of innovative furniture systems. Focused expertise for Education, Healthcare, Corporate, and Government markets. 3000+ employees are working currently with KI worldwide. It's the 6th largest contract furniture manufacturer in the United States with 9 manufacturing facilities in North America.

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KI had a presence in India since 2010 as a joint venture and had a manufacturing state-of-art facility in Bangalore. KI India had the aspiration to grow globally as well as do business in various segments like Education, Hospitality, Business, Healthcare etc.

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British Council

The British Council is the UK's international organisation for cultural relations and educational opportunities. We create friendly knowledge and understanding between the people of the UK and other countries. We do this by making a positive contribution to the UK and the countries we work with – changing lives by creating opportunities, building connections and engendering trust.

We work with over 100 countries across the world in the fields of arts and culture, English language, education and civil society. Each year we reach over 20 million people face-to-face and more than 500 million people online, via broadcasts and publications. Founded in 1934, we are a UK charity governed by Royal Charter and a UK public body.

About UK/India 2017

UK/India2017 is a year-long celebration of the long-standing relationship between India and the UK, which will see a vast programme of cultural exchange and activity take place in cities across both countries. Working with a huge number of partners and institutions, the British Council is developing a programme of cultural activity which will connect and inspire people in both countries; and strengthen and celebrate the UK and India's cultural ties.

For more information, please visit:

www.britishcouncil.in

You can also keep in touch with the British Council through

twitter.com/inbritish

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blog.britishcouncil.org.in



Confederation of Indian Industry

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering industry, Government, and civil society, through advisory and consultative processes.

CII is a non-government, not-for-profit, industry-led and industry-managed organization, playing a proactive role in India's development process. Founded in 1895, India's premier business association has over 8,500 members, from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 200,000 enterprises from around 250 national and regional sectoral industry bodies.

CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness and business opportunities for industry through a range of specialized services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.

Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programmes. Partnerships with civil society organizations carry forward corporate initiatives for integrated and inclusive development across diverse domains including affirmative action, healthcare, education, livelihood, diversity management, skill development, empowerment of women, and water, to name a few.

The CII theme for 2017-18, **India Together: Inclusive. Ahead. Responsible** emphasizes Industry's role in partnering Government to accelerate India's growth and development. The focus will be on key enablers such as job creation; skill development and training; affirmative action; women parity; new models of development; sustainability; corporate social responsibility, governance and transparency.

With 67 offices, including 9 Centres of Excellence, in India, and 11 overseas offices in Australia, Bahrain, China, Egypt, France, Germany, Iran, Singapore, South Africa, UK, and USA, as well as institutional partnerships with 344 counterpart organizations in 129 countries, CII serves as a reference point for Indian industry and the international business community.

Confederation of Indian Industry

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