



**International Seminar on**

# **TEXTILE, PHARMA, FOOD AND CHEMICAL TECHNOLOGIES (TPFC-2021)**

**28<sup>th</sup> & 29<sup>th</sup> January, 2021**



**On the eve of Superannuation of**

**Prof. R. SHYAM SUNDER**

**Principal & Dean Faculty of Tech, UCT, OU**



**Organized by**

**University College of Technology (A), Osmania University**

**In Association with**

**Affiliated Colleges under Faculty of Technology &  
Faculty of Pharmacy, Osmania University**



**Prof. R. Shyam Sunder** born on 18th January 1961 in a small remote village called Narsinghbatla in Nalgonda District of Telangana State. His parents are Smt Ramulamma and Sri Samelu Rachamalla. After his primary schooling in the same village, he completed high school in Devarakonda, Nalgonda district and was one among two who passed SSC in that year from the Devarakonda town. Later he graduated B.Tech, M.Tech and PhD from Osmania University.

**Prof. Shyam Sunder** has served the industrial sector for 11 Years and the Osmania University for more than 23 years as Professor, Additional Controller of Examinations, Chairman Board of Studies in Pharmacy & Pharm.D, Head Dept. of Technology, Dean

Faculty of Pharmacy, Dean Faculty of Technology and Principal, UCT, OU. He was one of the key persons to revive Pharmacy Department in OU and instrumental to start Pharmacy PG programs & Pharm D

He has published more than 50 research papers in reputed national & international journals, attended and organized many conferences and workshops. He has one patent on "**Burn treatment medicament and method of making**". Several students were awarded Ph.D under his guidance and presently 10 students are pursuing their Ph.D. He has guided more than 50 M.Tech & M. Pharmacy students.

He has also served the professional organization Indian Institute of Chemical Engineers (IChE) for more than 20 years as IChE-HRC Executive Member, Honorary Joint Secretary, Honorary Secretary, Vice-Chairman, Chairman and also IChE National Council Member. He rendered his services for inspections of private engineering colleges and for joint inspection of industries from Government of Telangana. Presently he is the member in BoG of NIPER, Ministry of Chemicals and Fertilizers, GoI, and Telangana State Pollution Control Board.

**Prof Shyam Sunder** is recipient of many awards, to name a few, **CINARE AWARD** for his services in the field of health and education, **Gramodaya Bandhu Mitra Puruskar (GCoT)** towards the social cause. He is life member and president of **SNEHA CLUB**, a charitable organization, Telangana State. He is extending his services by spending his personal time to the society with a motto "**Pay Back to Society**". He established **Narsinghbatla Village Development Society (NVDS)** as a cofounder and Vice President. He is helping village government school students in providing study material, encouraging merits with awards and organizing regular medical camps in the village. Also established one computer centre to train the village students in developing computer skills at free of cost.

He has laid an indelible mark in elevating the college more visible in academics, in creating infrastructure and interconnecting with Alumni. Students are highly motivated under his mentoring and organized curricular and extracurricular programs like Blood Donation Camps, Tree Plantation on moto of '**one tree one student to take care**', visiting to orphanage homes. He was instrumental in starting student's **e-cell** which subsequently witnessed many remarkable achievements in outreach activities.

### Programme Schedule

28-01-2021	
Felicitations to <b>Prof. R. Shyam Sunder</b> by Faculty of Technology	10.00AM to 1.30PM
<b>Lunch</b>	1.30 PM
<b>Guest Lectures (online)</b>	5.00 PM to 8.00PM
1	Low Temperature Geothermal Energy Systems by <b>Dr. NagasreeGarapati</b> , WVU, USA
2	Emerging Contaminants -Per- and polyfluoroalkyl substances ( <b>PFAS</b> ) by <b>Dr. GangadharAndaluri</b> , Temple University, USA
3	Chocolate - from Bean to Bar by <b>Dr.Chitrapriya</b> Global R&D Director Chocolate Platform; Mars Wrigley. Chicago, USA.
4	Farm-to-Fork Food Safety: Emerging Issues & Technologies by <b>Dr.Veerachandra, K. Yeemireddy</b> School of Environmental Sciences and Marine Sciences, University of Texas (UTRGV) USA.
5	Birds-Eye View of Technology Applications in the Apparel Industry by <b>Dr.Narahari Kenkere</b> , Kripya Group of Companies, Vancouver, USA.
6	The scene behind silk: Applications of byproducts of silk by <b>Dr.Narendra Reddy</b> , University of Nebraska - Lincoln, USA.
29-01-2021	
Felicitations to <b>Prof. R. Shyam Sunder</b> by Faculty of Pharmacy	10.00AM to 1.30PM
<b>Lunch</b>	1.30 PM
<b>Guest Lectures (online)</b>	5.00 PM to 8.00PM
1	Fish Pharm: Zebrafish as a model organism in Pharmacology Research and Education by <b>Dr KiranamChatti</b> , Principal Research Scientist, Head, Centre for advancement of research Skills, Institute of Life Sciences, University of Hyderabad.
2	Role of Preformulation in Formulation Development of Different Dosage forms by <b>Dr VijaykumarNagabandi</b> , Deputy Manager, Neuheit Pharma Technologies Pvt Ltd
3	Role of the Clinical Pharmacist in Improving Public Health: Social Determinants of Health by <b>Dr. Sujith Ramachandran</b> , Assistant Director of Center for Pharmaceutical Marketing & Management, University of Mississippi, USA

### For Sponsorship :

The Convener TPFC - 2021,  
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<b>Chief Patron</b>	: <b>Sri. Aravind Kumar IAS</b> I/C Vice Chancellor, Osmania University
<b>Patron</b>	: <b>Prof. Ch. Gopal Reddy</b> Registrar, Osmania University
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<b>Convener &amp; Treasurer</b>	: <b>Dr. S. Srinu Naik</b> Chairperson, BoS, Pharm.D, OU

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## Osmania University

Osmania University (OU) established in 1918, is the seventh oldest in India, the third oldest in south India and the first to be established in the erstwhile princely state of Hyderabad Mir Osman Ali Khan. Throughout its existence of over eight decades, it has shown remarkable progress and sustained and integrated development of all faculties. It has a sprawling campus of nearly 1300 acres and buildings of majestic beauty and architectural splendor. It is a multi-faculty and multidisciplinary university, offering rich and varied courses in the fields of Humanities, Arts, Sciences, Social Sciences, Law, Engineering, Technology, Commerce and Business Management, Information Technology and Oriental Languages. The University hosts 3,700 international students and holding 3,00,000 students on its campus and affiliated colleges. The University earned its much deserving supreme grade of 'A' Grade status by the National Accreditation and Assessment Council (NAAC) of the University Grants Commission, Government of India in the year 2008 and designated as University with Potential for Excellency (UPE). Osmania University has been reaccredited with A+ grade by NAAC in 2018 during 100 years of its excellence.

## University College of Technology

The University College of Technology (UCT) established in 1969, is one of the premier and the oldest college, which offers courses both at UG (Chemical Engg, Food & Textile Technology) and PG (Chemical Engg, Chemical Technology, Bio Chemical Engg & Bio Technology, Food Technology, Textile Technology and M. Pharmacy) levels including Ph.D programs. The College has been selected as Network Institution for Technical Education Quality Improvement Programme (TEQIP- I & TEQIP-II) by MHRD. The College is selected for establishing Center of Excellence (CoE) in the field of Process Intensification, entitled "Intensification of Chemical and Bio Processes" to enhance the research. The centre of Excellence supports long term advance research and development leading to potential breakthrough in areas such as manufacturing, renewable energy sources, green environment initiations, process modeling and computation to lead intensification in chemical process industries. University College has renowned Alumnus around the Globe. Osmania University College of Technology Alumni Association (OUCTAA) is now very active and undertaken many developmental activities in the College. University College of Technology attained 50 years of its excellence in imparting technical education in chemical engineering and its allied areas. This year (2019) is Golden Jubilee year and College is planning to celebrate yearlong events which include technical, cultural and talent showcase activities.

## The Seminar

The international seminar would create a global platform for academicians, scientists, industrialists, entrepreneurs, research scholars and students to get expose recent trends in current and novel research scenario in green processing technologies, process intensification, alternative sources of energy, mathematical modeling & simulation, industrial pollution & clean environment, process safety, functional/ health foods, nutraceuticals, smart packaging, color adaptive clothing & fabrics, composite materials, DNA clothing, smart clothing, biosimilars, nano-drug delivery systems, nano-suspensions, nano-morph technologies, nano-crystallization, cutting edge technologies, and robotics for automation to reduce human dependencies. The main objective of the seminar is to ignite, inspire, and motivate the young budding minds towards the innovation in their profession and research.