TELANGANA STATE SCIENCE CONGRESS (TSSC-2018)

22nd -24th, December, 2018

PROGRAMME

(Legend to the acronyms is given at the last page)

				DAY 1: 22-12-2018			
08.30	0 -10.00		REGISTRATION AUD			ITORIUM	
10.00 - 11.30				INAUGURAL FUNCTION			
11.30) – 11.45			HIGH TEA			
11.45 – 13.15				I.V. Ramana Rao, Director, NIT Warangal f. K. V. Jayakumar, Dean, IRAA, NIT Warangal			
	PLENARY SESSION	11.45	- 12.15	Distinguished Lecture 1 Joyful Story of Doing Useful Science Dr. T. Ramasami, Former Secretary, DST		DBRALC	
		12.15	- 12.45	On the Ramanujan-Selberg Conjecture Prof. T.N. Venkata Ramana, TIFR, Mumbai			
		12.45	- 13.15	Distinguished Lecture 3 Science & Technology for an All Round and Sustainable Development Telangana State Dr. Prahlada Ramarao, Former Director, DRDL	nt of the		
13.15 – 14.15				LUNCH	PA	PANDAL	
14.15	5 – 15.50	THEMATIC PARALLEL SESSIONS		S	SHC		
14.15 to 15.50	PHYSICAL AND MATHEMATICA L SCIENCES		_	Prof. P. Venugopal Reddy, Vice-President, TAS on: Prof. R. L. N. Sai Prasad, NIT Warangal Invited Lecture: Innovations in Some of the Indigenous Sensor Technologies Dr. N. R. Munirathnam, Director General, C-MET		RAMANUJAN HALL	
	ੂ ≶ _		15.00 – 15.50	Oral Presentations: PMS-O-1 to PMS-O-4 (4 x 10 min)		₩.	
	VOLOGY		-	Sri R. N. Jayaraj, Former Chairman, NFC, Hyderabad on: Prof. T.D. Gunneswara Rao, NIT Warangal		Г	
			14.30 – 15.00		14.30 – 15.00	Invited Lecture: Nuclear Fuel Complex - Vision 2028: (Challenges, Expertise & Innovative Technologies Dr. Dinesh Srivastava, Chief Executive, NFC, Hyderabad	
	Ш		15.00 - 15.50	,			
	AL S:		-	n: Dr. R.B. N. Prasad, IICT, Hyderabad rson: Prof. Ms. P. V. Srilakshmi, NIT Warangal		IALL	
	CHEMICAL		14.30 – 15.00	Innovative Process Technologies for Commercial Drugs Dr. A. Veera Reddy, Suvenlife Sciences, Hyderabad		RAMAN HALL	
			15.00 – 15.50	Oral Presentations: CS-O-1 to CS-O-4 (4 x 10 min)		Œ	

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15.00 – 15.50 Oral Presentations: LSAS-O-1 to LSAS-O-4 (4 x 10 min) Chairperson: Prof. G. Achaiah, Kakatiya Univ, Warangal Co-Chairperson: Prof. A. Sarath Babu, NIT Warangal Linvited Lecture: Indian Pharmaceutical Industry Achievements and Expectations Prof. C.K. Kokate, Former Vice Chancellor, KU, Warangal 15.00 – 15.50 Oral Presentations: MHPS-O-1 to MHPS-O-4 (4 x 10 min) EARTH, OCEAN, ATMOSPHERIC AND ENVIRONMENTAL SCIENCES 14.30 – 15.00 Co-Chairperson: Prof. K.V. Jayakumar, Dean, IRAA, NIT Warangal Co-Chairperson: Dr. P. Hari Prasad Reddy, NIT Warangal Invited Lecture: Ozone, Ozone Everywhere Prof. S. B. Jonnalagadda, Univ.KwaZulu-Natal, South Africa 15.00 – 15.50 Oral Presentations: EOAES-O-1 to EOAES-O-4 (4 x 10 min) SPECIAL THEME SESSION INTERACTION OF STUDENTS WITH SCIENTISTS Dr. Ch. Mohan Rao, Former Director, CCMB, Hyderabad Prof. K. Byrappa, Former Vice Chancellor, Mangalore University Prof. B. V. Appa Rao, Emeritus Research Fellow, TLC, NIT Warangal Prof. D. Prasad Rao, Chairman, Indo-US Suer Speciality Hospital, Hyd'bad 15.50 – 16.05 TEA BREAK PAND Chairperson: Prof. A. Acancath Lleiv, Hydrabad Phys. July Hydrabad
15.00 – 15.50 Oral Presentations: LSAS-O-1 to LSAS-O-4 (4 x 10 min) Chairperson: Prof. G. Achaiah, Kakatiya Univ, Warangal Co-Chairperson: Prof. A. Sarath Babu, NIT Warangal Invited Lecture: Indian Pharmaceutical Industry Achievements and Expectations Prof. C.K. Kokate, Former Vice Chancellor, KU, Warangal 15.00 – 15.50 Oral Presentations: MHPS-O-1 to MHPS-O-4 (4 x 10 min) EARTH, OCEAN, ATMOSPHERIC AND ENVIRONMENTAL SCIENCES 14.30 – 15.00 Invited Lecture: Oco-Chairperson: Prof. K.V. Jayakumar, Dean, IRAA, NIT Warangal Co-Chairperson: Dr. P. Hari Prasad Reddy, NIT Warangal Invited Lecture: Ozone, Ozone Everywhere Prof. S. B. Jonnalagadda, Univ.KwaZulu-Natal, South Africa 15.00 – 15.50 Oral Presentations: EOAES-O-1 to EOAES-O-4 (4 x 10 min) SPECIAL THEME SESSION INTERACTION OF STUDENTS WITH SCIENTISTS Dr. Ch. Mohan Rao, Former Director, CCMB, Hyderabad Prof. K. Byrappa, Former Vice Chancellor, Mangalore University Prof. B. V. Appa Rao, Emeritus Research Fellow, TLC, NIT Warangal Prof. D. Prasad Rao, Chairman, Indo-US Suer Speciality Hospital, Hyd'bad 15.50 – 16.05 TEA BREAK PAND Chairperson: Prof. A. Amargath Llaiv, Hyddrabad Phase of the presentations of the prof. Amargath Llaiv, Hyddrabad Chairperson: Prof. T. Amargath Llaiv, Hyddrabad Chairperson: Prof. A. Amargath Llaiv, Hyddrabad Chairperson: Prof. A. Amargath Llaiv, Hyddrabad Chairperson: Prof. A. Amargath Llaiv, Hyddrabad
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Prof. B. V. Appa Rao, Emeritus Research Fellow, TLC, NIT Warangal Prof. D. Prasad Rao, Chairman, Indo-US Suer Speciality Hospital, Hyd'bad 15.50 – 16.05 TEA BREAK PAND 16.05 – 17.35 THEMATIC PARALLEL SESSIONS – II SHO
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Chairperson: Prof. T. Amarnath, Univ. Hyderabad Co-Chairperson: Prof. P. Malla Reddy, KU, Warangal 16.15 – 16.45 Invited Lecture: Divergence free vector fields in viscous incompressible flows with special reference to Oseen equations Prof. P. Sti Dedmonth is block and address the description of the professional p
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Invited Lecture: Divergence free vector fields in viscous incompressible flows with special reference to Oseen equations Part B. Still bedroughtis United Lecture:
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Prof. B. Sri Padmavathi, Univ. Hyderabad
16.45 – 17.35 Oral Presentations: Pivis-O-8 (4 x 10 min)
Chairperson: Prof. M. Sydulu, NIT Warangal
Co-Chairperson: Prof. M. Sydulu, NIT Warangal Co-Chairperson: Prof. M. Sydulu, NIT Warangal Co-Chairperson: Prof. M. Sydulu, NIT Warangal Co-Chairperson: Prof. M. Anand Kishore, NIT Warangal Invited Lecture: Mathematical Modelling and Simulation in Chemical & Bio-Chemical Engineering Prof. M. Sydulu, NIT Warangal
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Mathematical Modelling and Simulation in Chemical & Bio-Chemical Has
16.15 – 16.45 Invited Lecture: Mathematical Modelling and Simulation in Chemical & Bio-Chemical Engineering Prof. M. Chidomharam Emeritus Professor, NIT Warangal
16.45 – 17.35 Oral Presentations: ET-O-5 to ET-O-8 (4 x 10 min)
Chairperson: Prof. Ch. Sanjeeva Reddy, Vice-President, TAS
Co-Chairperson: Dr. Vishnu Shanker, NIT Warangal 16.15 – 16.45 Invited Lecture: Use of Light for Treatment of Cancer: Challenges & Opportunities Dr. D. Ramaiah, Former Director, RRL, Jorhat
16.15 – 16.45 Invited Lecture:
Use of Light for Treatment of Cancer: Challenges & Opportunities Dr. D. Bamajah, Former Director, PRI, Jordan
- 78 III II BAMAAN COMBUNING KKI INDIA
Dr. D. Ramaiah, Former Director, RRL, Jorhat
16.45 - 17.35 Oral Presentations: : CS-O-5 to CS-O-8 (4 x 10 min)
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16.45 – 17.35 Oral Presentations: : CS-O-5 to CS-O-8 (4 x 10 min) Chairperson: Prof. S. M. Reddy, Editor, Publications, TAS Co-Chairperson: Dr. Ms. G. Shamitha, KU, Warangal

	∢	Chairperson: Pro	f. C. K. Kokate, Former Vice Chancellor, KU, Warangal		8
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	AP CE	16.15 – 16.45	Invited Lecture:		EK
	EN ACI		Science and Technology for Enhancing Quality of Life		ORAS HALL
	MEDICAL, HEALTH AND PHARMACEUTI		Dr. S. N. Hegde, Former Vice Chancellor, Mysore University		CHANDRASEKHAR HALL
	Δ.	16.45 – 17.35	Oral Presentations: MHPS-O-5 to MHPS-O-8 (4 x 10 min)		כו
	_	Chairperson: Pro	f. S. B. Jonnalagadda, Univ.KwaZulu-Natal, SA		
	Z, Z,	Co-Chairperson:	Prof. M. Chandrasekhar, NIT Warangal		1
	E ER	2 16.15 – 16.45	Invited Lecture:		H
	H, OC DSPH AND DNM	16.15 – 16.45	Waste Biorefinery: Renewable Chemicals and Fuels in Closed	Loop	۸
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	EARTH, OCEAN, ATMOSPHERIC AND ENVIRONMENTAL		Dr. S. Venkata Mohan, IICT, Hyderabad		KHURANA HALL
	ш	16.45 – 17.35	Oral Presentations: EOAES-O-5 to EOAES-O-8 (4 x 10 min)		
			SPECIAL THEME SESSION		
	INTERACTION	Coordinator: Pro	f. A. Ramachandraiah, NIT Warangal		J.
	OF STUDENTS		Dr. Ch. Mohan Rao, Former Director, CCMB, Hyderabad		DBRALC
	WITH	Speakers	Prof. K. Byrappa, Former Vice Chancellor, Mangalore University		BF
	SCIENTISTS	Speakers	Prof. B. V. Appa Rao, Emeritus Research Fellow, TLC, NIT Warangal		
	3CILIVII313		Prof. D. Prasad Rao, Chairman, Indo-US Suer Speciality Hospital, Hyd'ba	ıd	
17.30			GENERAL BODY MEETING, TAS	ВС	OSE HALL
17.30	-19.00	POSTER PRESENTATION			SHC
19.00	-20.30	CULTURAL PROGRAMME A		AUI	DITORIUM
20.30			DINNER	P	ANDAL

			DAY 2: 23-12-2018	
08.00-09.00			BREAKFAST	
09.00	-11.00		SUB-THEME PARALLEL SESSIONS-I	
	CITIES	-	f. C. S. R. K. Prasad, NIT Warangal Prof. R. B. V. Subramanyam, NIT Warangal	C
00	SMART CIT	9.00-9.40 9.40-10.20 10.20-11.00	Speakers: Dr. B. Janardhan Reddy, IAS, Commissioner, HMDA, Hyderabad Sri. Jeyash Ranjan, IAS, Principal Secretary, IT, GoT Discussions	DBRALC
09.00-11.00	RENEWABLE ENERGY SOURCES	•	f. P. Anand Raj, Dean, P & D, NIT Warangal Prof. S. Srinivasa Rao, NIT Warangal Invited Lecutre1: Renewable Energy Sources Prof. K. Ramanuja Chary: Rowan University, USA Invited Lecture 2: Metal Fluorides for Electrochemical Energy Storage	BOSE HALL
11.00	문)-11.15		Prof. M. Anji Reddy, Germany Discussions TEA BREAK	SHC

11.15	5-13.00		SUB-THEME PARALLEL SESSIONS-II	
11.15 – 13.00	SCIENCE IN	Chairperson: Dr.	Ch. Mohan Rao, Former Director, CCMB	DBRALC
	THE SERVICE	-	Prof. B. V. Appa Rao, NIT Warangal	
	OF SOCIETY	Speakers:		
	3. 30 3. E11	Prof. D. Balasubra	amanian, former Director, CCMB, Hyderabad	
		Dr. T. V. Venkates	swaran, Director, Vigyan Prasar, DST, Gol	
	щ_	=	Ms. K. Padma, NIT Warangal	
	INCLUSIVE ROLE OF WOMEN IN SCIENCE AND TECHNOLOGY		Dr. Ms. H. P. Rani, NIT Warangal	ب ا
	VCLUSIVE ROL DF WOMEN IN SCIENCE AND TECHNOLOGY	Speakers:		BOSE HALL
			e – is it any different?	<u> </u>
	E W E	=	a, Scientific Officer, Kalpakkam	os
-	VCI SC TE		Historical Perspective of Women Power in India.	Φ
	= -	Dr. J. Kedareswar	i, Curator, Salarjung Museum, Hyderabad	
	3.00-14.00		LUNCH	PANDAL
	4.00-15.30		THEMATIC PARALLEL SESSIONS – III	SHC
	_,	=	f. M. N. Chary, OU	
	Q A	•	Prof. L. R. G. Reddy, NIT Warangal	Z
14.00 – 15.30	PHYSICAL AND MATHEMATICAL SCIENCES	14.10-15.10	Invited Lectures	RAMANUJAN HALL
	MA		Physics and Applications of Functional Materials and Nanostructures	IANL
	YSICAL AI THEMATI SCIENCES		Prof. M. S. Ramachander Rao, IIT Madras	ξì
	HY AT S		Severe Thunderstorms over India and special reference to Telangana	Ą
	<u> </u>		Prof. K. Krishna Reddy, YVU, Kadapa	<u>~</u>
		15.10 -15.30	Oral Presentations: PMS-O-9 and PMS-O-10 (2 x 10)	
	ʊ ≻	=	G. Madhusudhan Reddy, TAS	
	ENGINEERING AND TECHNOLOGY	-	Prof. P. Bangaru Babu, NIT Warangal	BOSE HALL
	NEER AND INOL	14.10-14.40	Invited Lecture:	1
	N A Y		Heisenberg Principle and Sustainable Development in Geotechnical Engineering Practice	SE
	NG		Prof. M. R. Madhav, IIT, Kanpur (Retd)	8
	E	14.40-15.30	Oral Presentations: ET-O-9 to ET-O-13 (5 x 10)	_
			of. S. SriHari, Kakatiya Univ, Warangal (Retd)	
			Prof. A. Venu Vinod, NIT Warangal	1
	CHEMICAL	14.10-14.40	Invited Lecture:	MAN HALL
	MIS		Indigenizing Material Technologies	Z
	를 끌		(From laboratory to the market)	₹
	S		Dr. T. N. Rao, ARCI, Hyderabad	RAI
		14.40-15.30	Oral Presentations: : CS-O-9 to CS-O-12 (4 x 10)	
			f. M. Singaracharya, Kakatiya Univ, Warangal	4
	LIFESCIENCES AND AGRICULTURAL SCIENCES)	•	Prof. E. Venkata Ratnam, NIT Warangal	Ĕ
		14.10-14.40	Invited Lecture:	I AE
	SCIEN AND CULT ENCI		Science and Technology for Doubling Farmers Income in Telangana State	I BH
	ES(through Integrated Farming Approach	₹ [≖]
	LIF \GF S		Prof. M. P. Thakur, IGKV, Raipur	НОМІ ВНАВНА НАІ
	- A	14.40-15.30	Oral Presentations: LSAS-O-9 to LSAS-O-12 (4 x 10)	I
	υ	Chairperson: Pro	f. K. Jeevan Rao, EC Member, TAS	٥
	SE SE	Co-Chairperson:	Dr. Prakash Saudagar, NIT Warangal	CHANDRASEKHA R HALL
	AN SEL	14.10-14.40	Invited Lecture:	SEI
	MEDICAL, EALTH AN ARMACEL L SCIENCE		Involvement of sorbitol-mediated signaling mechanisms in neuronal and	JRAS HALI
	AEI AL' RN SC		retinal degeneration associated with metabolic syndrome	N N
	MEDICAL, HEALTH AND PHARMACEUTI AL SCIENCES		Dr. G. Bhanuprakash Reddy, NIN, Hyderabad	¥
	<u> </u>	14.40-15.30	Oral Presentations: MHPS-O-9 to MHPS-O-12 (4 x 10)	Ū

	EARTH, OCEAN, ATMOSPHERIC AND ENVIRONMENTA SCIENCES		-	Prof. N. V. Umamahesh, NIT Warangal on: Dr. K. Venkata Reddy, NIT, Warangal	4	
			14.10-14.40	Invited Lecture: Geo-Technical Splendour of the Kakathiyas Prof. M. Pandu Ranga Rao, NIT WARANGAL (Retd)	KHURANA	
			14.40-15.30	Oral Presentations: EOAES-O-9 to EOAES-O-12 (4 x 10)		
15.	30-15.45			TEA BREAK	SHC	
15.	45-17.15			THEMATIC PARALLEL SESSIONS – IV		
) C	Ch	airperson: Prof.	Y. N. Reddy, NIT, Warangal	2	
	HYSICAL ANI AATHEMATIC AL SCIENCES		-	of. D. Srinivasacharya, NIT Warangal	<u>\</u>	
15.45-17.15	AL ::M, EN	15	.55-16.25	Invited Lecture: On	IANU	
	SIC THE SCI			"On Absolutely Norm Attaining Operators"	₹ ¥	
	PHYSICAL AND MATHEMATIC AL SCIENCES			Prof. G. Ramesh, IIT, Hyderabad	RAMANUJAN	
-17	4		.25-17.15	Oral Presentations: PMS-O-11 to PMS-O-14 (4 x 10)	Œ	
45	ס ≻			P. Ravi Kumar, Member Secretary, TSCOST, Telangana		
15.	ENGINEERING AND TECHNOLOGY			of. S. Srinivasa Rao, EEE, NIT Warangal	BOSE HALL	
	INEEF AND INOL	15	.55-16.25	Invited Lecture: Incremental Sheet Forming: Predictive Capabilities	主	
	N A N			Prof. N. Venkata Reddy, IIT, Hyderabad	SE	
	:NG			1101. W. Velikata Neddy, III, Hyderabad	BC	
	1	16	.25-17.15	Oral Presentations: ET-O-14 to ET-O-17 (4 x 10)		
			airperson: Prof. I		ب ا	
	AL SS	Со	-Chairperson: Dr		RAMAN HALL	
	CHEMICAL		15.55-16.25	Invited Lecture:	I	
	EN			Electrical Discharge Plasma: An Advanced Oxidation Process the Mitigation of Air and Water pollutants	ΙŽ	
	SS SS			Prof. Ch. Subramanyam, IIT, Hyderabad	≥	
			16.25-17.15	Oral Presentations: : CS-O-13 to CS-O-16 (4 x 10)	~~	
		Ch		K. Janardhan Reddy , EC Member, TAS		
	ES RA	Co		K. Narasimhulu, NIT Warangal	H H	
		ij _	15.55-16.25	Invited Lecture:	НОМІ ВНАВНА	
	SCIEN AND CULT			Transition in Indian Agriculture	I BH	
	AND ARB ARB ARB ARB ARBCULTURAL SCIENCES			(From Green Revolution to Gene Revolution)	ĪĒŤ	
	LIF		40.00.40	Prof. N. Venugopal Rao, ANGRAU, Tirupati (Retd)		
	_		16.25-17.15	Oral Presentations: LSAS-O-13 to LSAS-O-16 (4 x 10) Bhanuprakash Reddy, EC Member, TAS		
	TH.			S. Srinath, NIT Warangal	Ä	
	AL	15.55-16.25		Invited Lecture:	# H	
	HE P EU EU			The Science of Resuscitation-Best Practices to Improve Survival from	SE	
	AL, H AND IACE			Cardiac Arrest	RAS	
	IC,	SC		Dr. D. Svinivas, Cardialogist, Marangal	N N	
	1EC HAI			Dr. R. Srinivas, Cardiologist, Warangal	CHANDRASEKHAR	
	2 <u> </u>		16.25-17.15	Oral Presentations: MHPS-O-13 to MHPS-O-16 MHPS, O 13-16 (4 x 1		
	EARTH, OCEAN, ATMOSPHERIC AND ENVIRONMENTAL SCIENCES 17.15-117.30		Chairperson: Y. Pydisetty, Dean, Academic, NIT Warangal			
			Co-Chairper	KHURANA		
			15.55-16.25	Invited Lecture:	URA	
			L	Relevance of Environmental Flows in Indian Context Prof. K. V. Jayakumar, CED, NIT Warangal	로 포	
			16.25-17.1		—	
17			TEA BREAK			
	17.15-117.30 17.30-19.00			POSTER PRESENTATIONS	SHC	
	9.00-20.30			CULTURAL PROGRAM	AUDITORIUM	
					AUDITURIUM	
20.30-21.30				DINNER		

DAY 3: 24-12-2018							
08.00-09.30		08	08.00-09.30 hrs: Annual General Body Meeting, TAS (For Fellows only)			Dean, IRAA	
			BREAKFAST		PAN	DAL	
09.30-11.10	PLENARY SESSION-II		Chairperson: Pro- Distinguis Science for Prof. A.R. Distinguis The Role	S. Chandrasekhar, Director, IICT, Hyderabad Prof. A. Venu Gopal, NIT Warangal ished Popular Lecture-1 for Sustainability: Emerging Challenges and New Opportunities A. Reddy, Former Vice Chancellor, Yogi Vemana Univ., Kadapa ished Popular Lecture-2 of Nature and Science in Engineering Sustainable Buildings //. Ramana Rao, Director, NIT Warangal		DBRALC	
11.10-11.25			TEA BREAK		ı	PANDAL	
11.25-13.00			SPECIAL THEME PARALLEL SESSIONS-III		SHC		
	STRENGTHE SCIENCE EDUCATION ROLE OF TEACHERS	Co-C Spea	Co-Chairperson: Dr. P. V. Rao, NIT Warangal Speakers Dr. Ch. Mohan Rao, Former Director, CCMB Prof. B. V. Appa Rao, Emeritus Research Fellow, TLC, NIT Warangal Dr. P. M. Satyasai, Visiting Faculty, NIT Warangal			DBRALC BOSE HALL	
13.00-14.00				LUNCH	PAN	IDAL	
14.00-15.30 PANEL DISCUSSION		Sri. A Prof. Dr. N Dr. C Prof. Dr. S Dr. N	. A. R. Reddy, Martha N. Red Ch. Mohan Rad . K. Narasimha G. Chandrasekl N. V. Ramana I . M. Panduran	AS, Commissioner, S&T, GoTelnagana Former Vice Chancellor, Yogi Vemana Univ., YVU, Kadapa dy, Associate Director, DRDO, Delhi (Retd) o, Former Director, CCMB, Hyderabad a Reddy, President, TAS nar, Director, IICT, Hyderabad & Hon'Sec., TAS Rao, Director, NIT, Warangal ga Rao, NIT WARANGAL (Retd) L.R.G. Reddy, Dean, SA, NIT Warangal		DBRALC	
15.30	0-16.00		VALEDICTORY FUNCTION		DBRALC		
16.00)		HIGH TEA			PANDAL	

(Legend: NIT= National Institute of Technology; TAS = Telangana Academy of Sciences; DST = Department of Science and Technology; TIFR = Tata Institute of Fundamental Research; IICT = Indian Institute of Chemical Technology; NFC = Nuclear Fuel Complex; DRDL = Defence Research and Development Laboratory; DRDO = Defence Research and Development Organisation; CCMB = Centre for Cellular and Molecular Biology; IIT = Indian Institute of Technology; YVU = Yogi Vermana University; ARCI = International Advanced Research Centre for Powder Metallurgy and New Materials; KU = Kakatiya University; C-MET = Centre for Materials for Electronics Technology; IGKV = Indira Gandhi Krishi Vishwavidyalaya; NIN = National Institute of Nutrition; MPPURC = Madhya Pradesh Private University Regulatory Commission; GoT = Government pf Telangana; ANGRAU = Acharya NG Ranga Agricultural University; GoI = Government of India; TLC = Teaching Learning Centre; DBRALC = Dr Babasahab Ambedkar Learning Centre; SHC = Seminar Hall Complex; PMS = Physical and Mathematical Sciences; ET = Engineering and Technology; CS = Chemical Sciences; LSAS = Life Sciences and Agricultural Sciences; MHPS = Medical, Health and Pharmaceutical Sciences; EOAES = Earth, Ocean, Atmospheric and Environmental Sciences; -O- = Oral; -P- = Poster)