#### **Work Experience:**

- Currently working as an Assistant Professor [Ratified] in the faculty of Chemistry-H&BS in ACE Engineering College, Ankushapur, Ghatkesar, Telangana (11-02-2019 to till date)
- Post-doctoral research: Advanced Oxidation Processes for Wastewater Treatment (01-04-2017 to 31-01-2019).
- Working on Waste to Energy concept through Pyrolysis and Gasification Techniques.
   Supervising Master and Doctoral students for their dissertation, teaching course work for master students, writing technical reports and research publications for peer reviewed journals. Drafting of research proposals for Government funding agencies.
- Worked as **DST-RA** in Department of Science & Technology Water Technology Initiative Project Titled "Cost effective and novel treatment method development for the remediation and resuse of pesticide industrial wastewater" (March 2017-2019).
- Ministry of New Renewable Energy Senior Research Fellow (2013-2015) on COx Emission for Hydrogen Production using Thermocatalytic Decomposition of Methane, Centre for Environment, Institute of Science and Technology, Jawaharlal Nehru Technological University Hyderabad, Hyderabad, India.
- Ministry of New Renewable Energy **Junior Research Fellow** (2010-2012) on Thermocatalytic Decomposition of Methane (TCD) for Hydrogen Production, Centre for Environment, Institute of Science and Technology, Jawaharlal Nehru Technological University Hyderabad, Hyderabad, India.
- Worked as **Junior Research Fellow** in BARC (BRNS) project title "Baseline survey on air, water, soil, radioactivity and aquatic biota in and around the proposed uranium mining site at Peddagattu and Seripally regions (Nalgonda District)".
- One Year Student **Training Programme** from 26<sup>th</sup> February 2008 to 20<sup>th</sup> February 2009 in Indian Institute of Chemical Technology (IICT), Council of Scientific & Industrial Research, Tarnaka, Hyderabad, India.
- M.Sc **Project** titled "Acidified Mesoporous SBA-15 Tin Nanocatalysts for the Baeyer-Villiger Oxidation of Cyclohexanone to Caprolactone" under the supervision of Dr.B.David Raju in Catalysis and Physical Chemistry (I&PC) Division at Indian Institute of Science & Technology, Hyderabad.
- Project work on various departments like **Quality Control** (Wet Lab & Instrumentation), Production and Research & Development as a part of project from 26<sup>th</sup> April 2005 to 25<sup>th</sup> May 2005 in SYNTHOKEM LABS PRIVATE LIMITED, Sanathnagar, Hyderabad.
- Practical Training in **Dr. Reddy's Laboratories Ltd**, Bulk Actives Unit-IV, I.D.A, Jeedimetla, Hyderabad from 5<sup>th</sup> April 2004 to 15<sup>th</sup> May 2004.

#### **Co-curricular Activities:**

 Participated, Presentation and Organized International and National Conferences, Workshops, Seminars and Symposiums.

- Supervising Masters Students for their dissertation, teaching course work for UG & PG Students.
- Writing technical reports and research publications for peer reviewed journals.
- Drafting research proposals for Government funding agencies such as Department of Science and Technology, Ministry of Environment, Forest and, climate change Department of Biotechnology, and University Grants Commission.
- Have the awareness of best practices for the Reuse and Recovery of the industrial wastes.
- Expert in doing Electrocoagulation and Advanced Oxidation Processes for the treatment of water and wastewater; in waste to energy concept.

#### **Roles and Responsibilities**

- Research Coordinator at ACE Engineering College.
- Worked as Head of Chemistry Department at ACE Engineering College.
- Research Supervisor for Ph.D Research Scholars and external guide for PG/UG students.

#### Awards:

S.No	Award	Organization	Research Area
1	Certificate of Commitment	JNTU	Demonstrating by promoting safety against COVID 19
2	Certificate of Appreciation (13 <sup>th</sup> July 2020)	NSS Unit-II, Sri Vani Degree & PG College, ATP.	actively participated in the World Population Day quiz
3	CERTIFICATE OF APPRECIATION	Bharati Vidyapeeth College Of Engineering, Navi Mumbai- 400614	Faculty Program on NBA on 5/14/2020 with a passing score of 65%
4	CERTIFICATE OF APPRECIATION	University of Technology, Jaipur	Successfully completing Research Skills Enhancement Quiz (15 <sup>th</sup> May 2020)
5	Certificate of Appreciation	Sri Vani Degree & PG College Affiliated to SK University, Ananthapuramu Department of Physics	General Space Quiz (7 <sup>th</sup> July 2020)
6	Certificate of Appreciation	Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22	National Level Quiz on NAAC (7 <sup>th</sup> June 2020)
7	Certificate of Appreciation	Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22	National Level Online Quiz on "E-Learning" (19 <sup>th</sup> June 2020)
8	CERTIFICATE OF APPRECIATION	Satpuda Education Society Jalgaon (Jamod)"s Arts, Commerce College Warwat (Bakal) Tq. Sangrampur Dist. Buldana.(M.S) Affilliated to Sant Gadge Baba Amravati University, Amravati	National Level Quiz on English

		Department Of English	
9	CERTIFICATE OF APPRECIATION	K.S.R.M COLLEGE OF ENGINEERING, Anantapuram	active participation and excellence by securing 63% in "Plastic Waste Management" (21st July 2020)
10	Outstanding Young Scientist in Energy and Environment" by "RULA Awards-2019	"World Research Council" & "United Medical Council".	Energy & Environment
11	Appreciation award for the Oral Presentation- 2017	International Conference on Solid Waste Management 2017 at PJTSAU	Pyrolysis Study of Garden Waste: Comparative Study of Subabul Leaves (Leucaena Leucocephala) and Neem Leaves (Azadirachta Indica)
12	Best Poster Presentation-2014	Centre for Nano Science & Technology, Jawaharlal Nehru Technological University Hyderabad,	Ni-SBA-15 catalysts for production of hydrogen and carbon nanotubes
13	Best Oral Presentation- 2012	Centre for Environment, Institute of Science and Technology, Jawaharlal Nehru Technological University Hyderabad	Hydrogen production on carbon catalysts using thermos catalytic decomposition of methane

#### **Membership of Professional Societies:**

- Indian Science Congress Association (ISCA).
- International Association of Advanced Materials Advancement of Materials Research Community (IAAM).
- International Journal for Research under Literal Access "Certificate of Lifetime Membership" (ID:RULC009)
- Eminent Organizing Committee Member for "International Conference on Nano Science & Technology" Dubai UAE, September 24-25, 2018.
- Indian Institute of Plant Engineers (IIPE) Hyderabad chapter.
- Eminent Organizing Committee Member for Nanoscience Conference Dubai-2018.

#### **Reviewer/ Editorial member:**

- 1. Reviewer to Sustainable Water Resources Management.
- 2. Reviewer to Nanotechnology for Environmental Engineering (Springer Nature)
- 3. Reviewer to Materials Today Proceedings (Elsevier).
- 4. Reviewer to Biofuels Journal (Springer).
- 5. Editorial Board of Member in EnPress Publisher.
- 6. Reviewer to the 8th Global Conference on Materials Science and Engineering (CMSE 2019) held during November 12th-15th, 2019 in Sanya, Hainan Province, China.

#### **Technical Skills:**

- Hands on Experience on **Thermocatalytic Decomposition of Methane** (TCD), Chemical Vapor Deposition (CVD), Flame Synthesis reactor, Hydrogen Storage unit.
- Synthesis of Nanomaterials, Carbon Nanomaterials (Carbon Nanotubes, Carbon Nanorods, Graphene etc...)
- Drafting of proposal for the government funding agencies like UGC, MNRE, DST, CSIR, BARC, etc.
- Analysis of Natural Radioactive Elements in Water, Soil and Air Monitoring: Analysis of Uranium, Thorium, Polonium, Radium in Water Samples; Uranium, Thorium and Potassium in Soil Samples; Uranium, Radon, Gross Alpha and Beta analysis in Air Samples.
- Gas Chromatography (GC) analysis of gas and air samples.
- Fourier Transform Infrared Spectroscopy (FTIR).
- Heavy/ Trace elements analysis of samples by Atomic Absorption Spectroscopy (AAS), Inductively Coupled Plasma- Optical Emission Spectroscopy (ICP-OES),
- Natural Radioactive Elements Analysis in Environmental Samples by Laser Fluorimetry, UV-Fluorimetry, Alpha & Beta Spectrometry.
- Estimation of Ions in Environmental samples by Ultraviolet-Visible Spectroscopy.
- Knowledge on GC-MS, BET, XRD, SEM and TEM.
- Pradhamika, Madhyamika and Rastra Bhasha Courses in Dakshina Bharat Hindi Prachar Sabha, Madras.

#### **Technical Skills:**

- Basic Computer Knowledge with excellent operating techniques of Microsoft Word, Excel and Power Point.
- Basic Knowledge of Environmental Statistical packages (MAT Lab Software).
- Basic Knowledge on Python and C Programming.

#### **Areas of Interest:**

- Synthesis of Nanomaterials.
- Hydrogen production by thermal decomposition process.
- Waste to Energy through pyrolysis and gasification process.
- Wastewater treatment by advanced treatment methods and Nanomaterials.
- Energy and Environment.
- Artificial Intelligence & Machine Learning in Sciences.

#### **Professional Certification Courses:**

- The Joy of Computing Using Python NPTEL Certification Course (2022).
- National Initiative of Technical Teachers Training on Module 2: Professional Ethics
   Sustainability by AICTE (2021).
- Wastewater Treatment and Recycling NPTEL Certification Course (2019).

#### **List of Publications:**

S.No	Details of Research Publications
Inter	rnational Publications
1	<b>Dr.K.Srilatha*</b> , B.Mallesham, FENTON PROCESS FOR REMOVING ORGANIC POLLUTANTS FROM INDUSTRIAL WASTEWATER, Springer: Environmental Science & Pollution Research (Under Review) <b>2023</b> .
2	<b>K.Srilatha</b> , D.Bhagawan, G.Shankaraiah, P. Kiran Kumar, V. Himabindu, S. Srinivasulu, Performance evaluation of different advanced processes for treating chloro-pesticide intermediate industrial wastewater, <b>Sustainable Water Resources Management</b> , <b>Springer Link</b> , ISSN 2363-5037, 20 July 2019 ,DOI: 10.1007/s40899-019-00336-z.
3	Shruti Jagini, Sindhu Thaduri, <b>Srilatha Konda</b> , Vijaya Krishna Saranga, Bhagawan Dheeravath, Himabindu Vurimindi, Emerging contaminant (Triclosan) removal by adsorption and oxidation process: comparative study, Springer, Modeling Earth Systems and Environment, Springer Nature Switzerland AG 2020Received: 13 August 2020 / Accepted: 17 October 2020 DOI: 10.1007/s40808-020-01020-4
4	Shruti Jagini, <b>Srilatha Konda</b> , D. Bhagawan, V. Himabindu, Emerging contaminant (triclosan) identification and its treatment: a review, <i>A Springer Nature Journal</i> , SN Applied Sciences (2019) 1:640, DOI: 10.1007/s42452-019-0634-x. Review Paper
5	Danwada Sharanya, <b>Konda Srilatha</b> , A. Purnachander, Improved Active Power Filter Performance for Renewable Power Generation Systems, <i>Journal of Engineering Research and Application, ISSN</i> : 2248-9622 Vol. 9,Issue 4 (Series -III) April 2019, pp 40-66, DOI: 10.9790/9622-0904034066.
6	D Bhagawan, V Chandan, <b>K Srilatha</b> , G Shankaraiah, M Y Rani and V. Himabindu, Industrial wastewater treatment using electrochemical process, The 4th International Conference on Water Resource and Environment (WRE 2018), IOP Conf. Series: Earth and Environmental Science 191 (2018) 012022 doi:10.1088/1755-1315/191/1/01202
7	P. Kiran Kumar, S. Vijaya Krishna, Kavita Verma, K. Pooja, D.Bhagawan, <b>K.Srilatha</b> , V. Himabindu, Bio oil production from Microalgae via Hydrothermal Liquefaction Technology under Subcritical Water Conditions, <b>Journal of Microbiological methods</b> ( <i>Elsevier- Science Direct</i> ) Journal of Microbiological Methods 153 (2018) 108–117, DOI: 10.1016/j.mimet.2018.09.014 (SCI)
8	<b>Srilatha Konda</b> , Bhagawan D, Srinivasulu D, Himabindu V, Comparison study between Ni/TiO <sub>2</sub> and Ni/Flame synthesized TiO <sub>2</sub> catalysts for hydrogen production using thermocatalytic decomposition of methane, South African Journal of Chemical Engineering ( <i>Elsevier-Science Direct</i> ), 25 (2018) 91-97. I.F.0.092, DOI: 10.1016/j.sajce.2018.02.003 (SCI)
9	S. Shiva Kumar, S.U.B. Ramakrishna, S. Vijaya Krishna, <b>K. Srilatha</b> , B. Rama Devi, V. Himabindu, Synthesis of titanium (IV) oxide composite membrane for hydrogen production through alkaline water electrolysis, South African Journal of Chemical Engineering ( <i>Elsevier-Science Direct</i> ), 25 (2018) 54-61. I.F.0.092, DOI: 10.1016/j.sajce.2017.12.004 (SCI)
10	<b>K. Srilatha</b> , D Bhagawan, S Shiva Kumar, V Himabindu, Sustainable Fuel Production by Thermocatalytic Decomposition of Methane – A Review, South African Journal of Chemical Engineering ( <i>Elsevier-Science Direct</i> ), 24 (2017) 156- 167, ISSN: 1026-9185. I.F.0.092, DOI: 10.1016/j.sajce.2017.10.002 (SCI)

11	K. Srilatha, D. Bhagawan, S. Shiva Kumar, V. Himabindu, Thermocatalytic Decomposition
	of Methane for Sustainable Hydrogen Production using Ni/ZnO and Ni/MgO Catalyst, Journal
	of Nanoscience, Nanoengineering & Applications, 7(5), 2017, ISSN: 2231-1777 (Online),
	ISSN: 2321-5194 (Print). I.F.1.25 (UGS:47055- Scopus)
12	K. Srilatha, D. Bhagawan, V. Himabindu, Production of Hydrogen via Thermocatalytic
	Decomposition of Methane using Ni/ZnO catalyst, Journal of Research in Science,
	Technology, Engineering and Management, 3 (2), 21-25, 2017, ISSN: 2456-0197.
	I.F.2.25(UGS:47055- Scopus)
13	K. Srilatha, D. Bhagawan, S. Shiva Kumar, V. Himabindu, Sustainable Fuel Production by
	Thermocatalytic Decomposition of Methane using Ni/ZnO Catalyst, Nano Trends: A Journal
	of Nanotechnology and Its Applications, 2017, 19(2), 21-25ISSN: 0973-418X (Online).
	I.F.1.25(UGS:47055- Scopus)
14	K. Srilatha, D. Bhagawan and V. Himabindu, Thermo catalytic decomposition of methane
	over Cu-Al <sub>2</sub> O <sub>3</sub> and 5-20wt% Ni- Cu-Al <sub>2</sub> O <sub>3</sub> catalysts to produce hydrogen and carbon
	nanofibers. Advanced Materials Letters ( <i>Advanced Material Proceedings</i> ), 2017, 2(1), 35-40,
	ISNN: 2002-4428, DOI: 10.5185/amp.2017/109.I.F.2.50 (SCI)
15	K. Srilatha, V. Himabindu, Comparison study between Pd/AC and Pd/CB for simultaneous
	production of hydrogen and carbon nanotubes using thermo catalytic decomposition of
	methane, Nano Trends: A Journal of Nanotechnology and Its Applications (2016), Volume 18,
1.0	Issue 1, pp 18-26. ISNN: 0973-418X. I.F.1.25(UGS:47055- Scopus)
16	K. Srilatha, V. Viditha, D. Srinivasulu, S.U.B. Ramakrishna, V. Himabindu, Hydrogen
	production using thermocatalytic decomposition of methane on Ni30/activated carbon and Ni30/carbon black, Environmental Science and Pollution Research ( <i>Springer</i> ) (2015), Volume
	23, Issue 10, pp 9303-9311. DOI: 10.1007/s11356-015-5112-4. I.F.2.80 (SCI)
17	V. Viditha, <b>K. Srilatha</b> , V. Himabindu, Hydrogen storage studies on palladium-doped carbon
1,	materials (AC, CB, CNMs) @ metal—organic framework-5, Environmental Science and
	Pollution Research (Springer) (2015), Volume 23, Issue 10, pp 9355-9363, 0944-1344 (Print)
	1614-7499 (Online). DOI: 10.1007/s11356-015-5194-z. I.F.2.80 (SCI)
18	K. Srilatha, V. Viditha, V. Himabindu, Ni-SBA-15 Catalysts for Production of Hydrogen and
	Carbon Nanotubes, Materials Today (Elsevier) (2015), Volume 2, Issue 9, pp 4550-4556,
	DOI: 10.1016/j.matpr.2015.10.069. I.F: 3.00 (SCI)
19	K. Srilatha, D. Srinivasulu, S.U.B. Ramakrishna, V. Himabindu, Thermo catalytic
	decomposition of methane over Pd/AC and Pd/CB catalysts for hydrogen production and
	carbon nanofibers formation, International Journal of Engineering Research and Applications
	(2014), Volume 4, Issue 9, pp 81-86, ISBN: 2248-9622. I.F.5.16
20	T. Raghavendra, K. Srilatha, M. Elander, T. Vijayalakshmi, V. Himabindu, D. Datta and J.
	Arunachalam, Assessment of natural radionuclide concentration in ground water around the
	proposed uranium mine at Peddagattu and Seripally regions, Nalgonda, India, Journal of
	Radiation Research and Applied Sciences (2014), Volume 7, Issue 3, Pg No: 269-273. DOI:
	10.1016/j.jrras.2014.03.007. I.F: 2.03 (SCI)
21	V. Viditha, K. Srilatha, V. Himabindu, Y. Anjaneyulu, Synthesis of zinc oxide by flame
	synthesis method – its application for hydrogen storage, Journal of Chemical and
	Pharmaceutical Sciences (2014), ISSN: 0974-2115. I.F.2.98
22	T. Raghavendra, K. Srilatha, C. Mahender, M. Elander, T. Vijayalakshmi, V. Himabindu,
	Vishwa Prasad, P. Padma Savithri, D. Datta and J. Arunachalam, Distribution of Uranium
	Concentration in Groundwater Samples from The Peddagattu/ Nambapur and Seripally
	Regions Using Laser Fluorimetry, Radiation Protection Dosimetry (2013), pp. 1–6. DOI:

	10.1093/rpd/nct228. I.F: 0.8 (SCI)
23	V. Viditha, M. Venkateswer Rao, <b>K. Srilatha</b> , V. Himabindu, Anjaneyulu Yerramilli, A study
23	on metal organic framework (MOF-177) synthesis, characterization and hydrogen adsorption-
	desorption cycles, International Journal of Energy and Environment (2013), Volume 4, Issue
	1, pp 127-132. I.F.1.25
Intorr	
1	national Conference Papers:  G. Shankaraiah, P. Saritha, D. Bhagawan, K.Srilatha, V.Himabindu, S. Vidyavathi,
	Remediation of ciprofloxacin in aqueous Solutions using immobilization glass beads it's an Advanced oxidation process -a comparative study, International Conference on "Civil Engineering in Emerging Economies" (ICCEEE-2K18), Organized by Department of Civil Engineering at Malla Reddy Engineering College (Autonomous), Hyderabad, September 15 <sup>th</sup> 2018, pg no. 23-30.
2	D. Bhagawan, V. Chandan, <b>Srilatha. K</b> , Shankaraiah.G, V. Himabindu, Industrial wastewater treatment using electrochemical process and energy recovery, The 4th International Conference on Water Resource and Environment (WRE-2018), July 17 <sup>th</sup> -21 <sup>st</sup> , 2018, Kaohsiung City, Taiwan.
3	<b>K. Srilatha</b> , D. Bhagawan, V. Himabindu, Pyrolysis Study of Garden Waste: Comparative Study of Subabul Leaves (Leucaena Leucocephala) and Neem Leaves (Azadirachta Indica), International Conference on Solid Waste Management 2017, held on 15 <sup>th</sup> to 17 <sup>th</sup> , Dec. 2017, at PJTSAU.
4	K. Srilatha, D. Bhagawan, V. Himabindu, Gasification and pyrolysis of municipal solid
7	waste, 3 <sup>rd</sup> International conference on environmental management (3 <sup>rd</sup> ICEM-2017), during 28 <sup>th</sup> -30 <sup>th</sup> , November 2017, at Hyderabad, ISBN: 978-93-86819-50-5.
5	Y. Sathwika, <b>K. Srilatha</b> , D. Bhagawan, V.Himabindu, Gasification of Biomass, 3 <sup>rd</sup> International conference on environmental management (3 <sup>rd</sup> ICEM-2017), during 28 <sup>th</sup> -30 <sup>th</sup> , Nov., 2017, at Hyderabad, ISBN: 978-93-86819-50-5.
6	R. Madhavi, K. Srilatha, D. Bhagawan, V. Himabindu, Electrocoagulation (EC) for removal
	of metals from industrial wastewater, 3 <sup>rd</sup> International conference on environmental management (3 <sup>rd</sup> ICEM-2017), during 28 <sup>th</sup> -30 <sup>th</sup> , November 2017, at Hyderabad, ISBN: 978-93-86819-50-5.
7	V. Chandan, D. Bhagwan, K. Srilatha, G. Shankaraiah, V.Himabindu, Chloro pesticide
	industry wastewater treatment using electrochemical process, 3 <sup>rd</sup> International conference on environmental management (3 <sup>rd</sup> ICEM-2017), during 28 <sup>th</sup> -30 <sup>th</sup> , November 2017, at Hyderabad, ISBN: 978-93-86819-50-5.
8	Ch. Sri Sai Lakshmi, G. Sowjanya, <b>K. Srilatha</b> , D. Bhagawan, V. Himabindu, Recovery of acid from chloro pesticide and electroplating industrial waste water by diffusion dialysis technique, 3 <sup>rd</sup> International conference on environmental management (3 <sup>rd</sup> ICEM-2017), during 28 <sup>th</sup> -30 <sup>th</sup> , November 2017, at Hyderabad, ISBN: 978-93-86819-50-5.
9	Vijaya Krishna, P. Kiran kumar, N. Chaitanya, G. Shankaraiah, D. Bhagawan, <b>K. Srilatha</b> , V.
	Himabindu, M. Lakshmi Narasu, Hythane production from distillery spent wash in a single
	stage reactor, 3 <sup>rd</sup> International conference on environmental management (3 <sup>rd</sup> ICEM-2017), during 28 <sup>th</sup> -30 <sup>th</sup> , Nov. 2017, at Hyderabad, ISBN: 978-93-86819-50-5.
10	K. Srilatha, D. Bhagawan, D. Srinivasulu, V. Himabindu, Thermocatalytic decomposition of
	methane for hydrogen production using Ni/MgO catalyst. International conference on
	biotechnology and bioengineering-trends ICBT-2017, 23 <sup>rd</sup> -25 <sup>th</sup> March 2017, at JNTUH. ISBN: 978-93-85518-10-2.

	carbon catalysts using thermocatalytic decomposition of methane – Regeneration Study, 4 <sup>th</sup> 3R
	International Scientific Conference on Material Cycles and Waste Management (4 <sup>th</sup> 3RINCs -
- 10	2017), 8 <sup>th</sup> March – 10 <sup>th</sup> March 2017, Indian Habitat Centre, New Delhi.
12	K. Srilatha, D. Bhagawan, D. Srinivasulu and V. Himabindu, Comparison study between
	Ni/TiO <sub>2</sub> and Ni/Flame synthesized TiO <sub>2</sub> catalysts for hydrogen production using
	thermocatalytic decomposition of methane, 4 <sup>th</sup> 3R International Scientific Conference on
	Material Cycles and Waste Management (4 <sup>th</sup> 3RINCs - 2017), 8 <sup>th</sup> March – 10 <sup>th</sup> March 2017,
12	Indian Habitat Centre, New Delhi.
13	<b>K. Srilatha</b> , V. Himabindu, Thermo catalytic decomposition of methane over Cu- Al <sub>2</sub> O <sub>3</sub> and
	5-20wt% Ni/Cu-Al <sub>2</sub> O <sub>3</sub> catalysts to produce hydrogen and carbon nanofibers, DOI:
	10.5185/icmtech.2016. International Conference on Materials Science & Technology, 01st –
1.4	4th March 2016, University of Delhi, Delhi, India
14	K. Srilatha and V. Himabindu, Thermo catalytic decomposition of methane for Hydrogen
	production. D.O.No 10/02/ (20)/2012-P&C. National Convention of National Renewable
15	Energy, 6th – 7th March, 2013, New Delhi, India.  T. Raghavendra, K. Srilatha, C. Mahender, M. Elander, T. Vijayalakshmi, V. Himabindu,
15	Vishwa Prasad, P. Padma Savithri, D. Datta and J. Arunachalam, Estimation of Polonium
	Concentration in groundwater samples from the Peddagattu/Nambapur and Seripally Regions using alpha Spectrometry, was presented and contributed a paper in the 2 <sup>nd</sup> International
	Conference INCO-POPB-2013 at Mangalore University.
16	K. Srilatha, V. Viditha, V. Himabindu, Y. Anjaneyulu, Hydrogen production on carbon
10	catalysts using thermo catalytic decomposition of methane. National Conference on Nano
	Science, Nano Engineering & Applications, 27th & 28th April 2012, CNST, IST, JNTUH,
	India. ISBN: 978-81-924726-0-7, Pg No: 193-195.
Book	Chapters:
Doon	
1	K. Srilatha, D. Bhagawan, V. Himabindu, Pyrolysis of Garden Waste: Comparative Study of
	Leucaena leucocephala (Subabul Leaves) and Azadirachta indica (Neem Leaves) Wastes: 7th
	IconSWM—ISWMAW 2017, Volume 2, Waste Valorisation and Recycling, January 2019,
	DOI: 10.1007/978-981-13-2784-1_28. (Springer).
2	K. Srilatha, Catalytic decomposition of methane to produce hydrogen and carbon nanofibers
	over Cu-Al <sub>2</sub> O <sub>3</sub> and 5-20wt% Ni- Cu-Al <sub>2</sub> O <sub>3</sub> , Book Name: Trends in Chemical and
	Material Sciences Vol.4, Print ISBN Number: 978-93-5547-208-3E, ISBN Number:
	978-93-5547-211-3.
Book	s Published:
1	K. Srilatha, Tin Nano Catalysts for Bayer-Villiger Oxidation Reaction, LAP LAMBERT
	Academic Publishing (2015-03-27), ISBN-13:978-3-659-33120-6, ISBN-10: 3659331201.
2	Srilatha K, Pyrolysis of Municipal Solid Waste, LAP LAMBERT Academic Publishing,
	ISBN: 978-620-2-91881-7. (2020 Accepted)
3	Srilatha K, Fenton Process For Industrial Wastewater Treatment, LAP LAMBERT
	Academic Publishing, ISBN: 978-620-2-91900-5. (2020 Accepted)
4	Srilatha K, Lechate Treatment Using Fenton Process, LAP LAMBERT Academic Publishing
	, ISBN: 978-620-2-91882-4. (2020 Accepted)
5	Srilatha K, Gasification of Municipal Solid Waste, LAP LAMBERT Academic Publishing,
	ISBN: 978-620-2-91954. (2020 Accepted)
Natio	nal Conference Papers:

1	R. Madhavi, Dr. D. Bhagawan, Dr. K. Srilatha, and Dr. V. Himabindu. Electroplating			
	Wastewater Treatment using Electrocoagulation (EC) Method. 2017, National Seminar on			
	"Design for Sustainability" using Principles of Environment Management, on 12th & 13th			
	October 2017, Received appreciation certificate from Indian Institution of Plant Engineers			
	(IIPE).			
2	K. Srilatha, D. Bhagawan and V. Himabindu. Production of Hydrogen via Thermocatalytic			
	Decomposition of Methane using Ni/ZnO catalyst. 3 <sup>rd</sup> National Conference on Innovative			
	Research in Civil Engineering (NCIRCE-2K17) on 21st January 2017, Organized by			
	Department of Civil Engineering, Malla Reddy Engineering College (MREC). Pg No: 22-26,			
	ISBN: 978 93 83038 52 7.			
3	S. Gnana Sowjanya, K. Srilatha, Ch. Sri Sai Lakshmi, V. Himabindu and C. Sarala.			
	Recovery of Hydrochloric acid from designed synthetic acidic water using diffusion dialysis			
	technique. 3 <sup>rd</sup> National Conference on Innovative Research in Civil Engineering (NCIRCE-			
	2K17) on 21st January 2017, Organized by Department of Civil Engineering, Malla Reddy			
	Engineering College (MREC). Pg No: 149-152, ISBN: 978 93 83038 52 7.			

## Participation in Conference, Workshops, Symposia and Seminars:

Conference/Workshop/Seminars	Conducted by	Participation/ Presented	Duration
IP Awareness/Training program	1	Participated	December
under National Intellectual Property	Office, India		16,2022
Awareness Mission			
International workshop on	Organized by Centre for	Participated	1st-3rd
"Environment and Energy" Sponsored	Environment, Institute of		March
by TEQIP-III	Science and Technology,		2021
	Jawaharlal Nehru		
	Technological University		
2.D	Hyderabad (JNTUH)	D .: 1	2 oth 2 oth
3 Days workshop on Recent Trends in	Kongu Engineering	Participated	28 <sup>th</sup> - 30 <sup>th</sup>
Material Science	College, Perundrai		September 2020
Spit free India Movement (Prevent the	NSS, ACF	Participated	June-
spread of COVID 19)			August
			2020
9th National Seminar(web) on Ancient	NITTTR Kolkata in	Participated	13 <sup>th</sup> July
Indian Science and Technology	collaboration with		2020
	knowlede partner SPIU,		
	Uttar Pradesh		
Two Day Workshop on "Aligning	Elsevier, Researcher	Participated	24 July,
Yourself to the Publishing Process"	Academy On Campus		2020
International Online Workshop on	SRMIST, Ramapuram	Participated	20 <sup>th</sup> July
"Learning Management System e-			2020
Learning Tools	D	D .: 1	12.1 7 1
"One Week Certificate Course on	Department of Zoology,	Participated	13th July to
Apiculture"	Balwant College, Vita,		19th July,

	Sangli (M.S.) India		2020
National Level Quiz on Engineering Chemistry	Department of BS&H (Chemistry), NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS), Narasaraopet, Guntur Dist, A.P.	Participated	2 <sup>nd</sup> July 2020
'National Level Online-Chemistry Quiz'	K. L. E. Society's P. C. Jabin Science College	Participated	13 <sup>th</sup> -15 <sup>th</sup> July 2020
Online Quiz in "Microbiology"	UDAYA COLLEGE OF ARTS AND SCIENCE, Tamilnadu	Participated	16 <sup>th</sup> June 2020
Online Quiz "General Biotechnology"	UDAYA COLLEGE OF ARTS AND SCIENCE, Tamilnadu	Participated	17 <sup>th</sup> June 2020
National Level Online Quiz Contest on Exercise NCC Yogdan - Covid 19	UDAYA COLLEGE OF ARTS AND SCIENCE, Tamilnadu	Participated	2020
National Level Management E-Quiz	St. Joseph's college for women, Tirupur	Participated	15 <sup>th</sup> May 2020
National level online quiz on "Innovations & Advances in Chemistry"	Guru Nanak Institutions Technical Campus, Hyderabad	Participated	15 <sup>th</sup> June 2020
E-waste pledge	Ministry of Electronics & Information Technology	Participated	2020
National Level E-Quiz on COOP-2020	NCI, New Delhi; Centre for studies in rural management, Gujarat; Department of cooperative management, Puducherry	Participated	14 <sup>th</sup> May 2020
Corona Awareness Quiz to prevent spread of COVID-19	C.S.BemBalagi Arts, SHA. M.R.Palaresh Science & G.LRathi Commerce Degree College, Ramdurg	Participated	2 <sup>nd</sup> May 2020
One Week Faculty Development Program on AMPERE-2019 (Advancements in Mathematics and Physical Sciences and their Educative Reflections in Engineering)	Department of Basic Sciences and Humanities, Vignan Insitute of Technology & Science	Participated	1 <sup>st</sup> July to 6 <sup>th</sup> July 2019
Three Day Workshop on "Industrial Waste Management (IWM)" sponsored by TEQIP-III	Centre for Environment, IST, JNTUH in collaboration with Dayalbagh Educational Institute (DEI) Dayalbagh,	Participated	8 <sup>th</sup> -10 <sup>th</sup> August 2018

	Agra		
GIAN Course on "Mechanistic	IITM & MHRDG	Participation	28 <sup>th</sup> May –
Modelling of Thermochemical		•	1 <sup>st</sup> June
Conversion of Hydrocarbons and Solid			2018
Fuels"			
Three Day Workshop on "Environment,	Centre for Environment,	Participated	30 <sup>th</sup> April-
Health and Safety (EHS)"	IST, JNTUH		2 <sup>nd</sup> May
			2018
Workshop on "Emerging Trends in	Centre for Biotechnology,	Participated	24 <sup>th</sup> April
Patents and IPR & Future Implications"	IST, JNTUH		2018
One day National Survey Day Seminar	Centre for Environment,	Participated	10 <sup>th</sup> April
on Geospatial Technology in Surveying	IST, JNTUH and GeoMap		2018
& Mapping	Society & GIS India,		
	Hyderabad		
3 <sup>rd</sup> International conference on	Centre for Environment,	Participated &	28 <sup>th</sup> -30 <sup>th</sup>
environmental management (3 <sup>rd</sup> ICEM-	IST, JNTUH	Presented	November
2017)			2017
7 <sup>th</sup> International Conference on Solid	International Society of	Participated &	15 <sup>th</sup> - 17 <sup>th</sup> ,
Waste Management-2107, Icon SWM-	Waste Management, Air	Presented	Dec. 2017
2017, held at PJTSAU	and Water		. dl
Two Days Refresher Course on	Centre for Environment,	Participation	8 <sup>th</sup> - 9 <sup>th</sup>
Operation, Maintenance & Calibration	IST, JNTUH & Envirotech		September
of Instruments for Monitoring Air	Instruments Pvt. Ltd., New		2017
Pollution and Air Quality	Delhi	<b>T</b>	aard a 4th
DAE-BRNS symposium on Two	NCCCM, BARC,	Participation	23 <sup>rd</sup> -24 <sup>th</sup>
Decades of Ion Beam Analysis at 3MV	Hyderabad		March
Tandetron, NCCCM  4 <sup>th</sup> 3R International Scientific	In the Hall that Country	D. 4	2017 8 <sup>th</sup> March –
	Indian Habitat Centre, New Delhi.	Participated & Presented	8 March – 10 <sup>th</sup> March
Conference on Material Cycles and Waste Management (4 <sup>th</sup> 3RINCs - 2017)	New Deini.	Presented	2017
Global Initiative of Academic Networks	JNTUH&MHRDG	Participation	13 <sup>th</sup> -
(Gian) Course on Sustainability and	JNTOHAMIIKDO	rarucipation	17 <sup>th</sup> Dec
Engineering			2016
Gian Course on Air Quality	JNTUH&MHRDG	Participation	5 <sup>th</sup> -9 <sup>th</sup> Dec
Management: Quality Assurance and	JIVI OIIŒWIIIŒ	1 articipation	2016
Data Analysis			2010
Gian Course on Numerical Modelling of	JNTUH&MHRDG	Participation	28 <sup>th</sup> -2 <sup>nd</sup> Dec
Air Pollution through state of the art		1 articipation	2016
modelling systems			
Gian Course on Air Quality	JNTUH&MHRDG	Participation	21 <sup>st</sup> -
Measurements		1	25 <sup>th</sup> Nov
			2016
Gian Course on Biofuels Engineering	JNTUH&MHRDG	Participation	11 <sup>th</sup> -
		•	15 <sup>th</sup> July
			2016
5 days workshop on "Synthesis and	CNST, JNTUH	Participated	14 <sup>th</sup> -
Characterization of Nano Materials			18 <sup>th</sup> Mar
	CNST, JNTUH	Participated	

(SCNM-2016).			2016
International Conference on Materials	University of Delhi	Participated &	1 <sup>st</sup> -4 <sup>th</sup> Mar
Science & Technology		Presented	2016
2-day TEQUIP Workshop on "Green	Department of Chemistry,	Participated	29 <sup>th</sup> -
Process for Energy Conversion (GEC-	IIT Hyderabad		30 <sup>th</sup> Dec
2014)"			2014
International Conference on	CEN JNTUH	Participated	15 <sup>th</sup> -
Environment and Energy		and Presented	17 <sup>th</sup> Dec
			2014
Two-day National Conference on	IST JNTUH (Under	Participated &	27 <sup>th</sup> -
"RENEWABLE AND SUSTAINABLE	TEQUIP-II)	Presented	28 <sup>th</sup> June
ENERGY"	ADCOCT	D. of the A. I	2014 26 <sup>th</sup> Mar
Patent Information Cell (PIC)	APCOST	Participated	
(Awareness workshop) on "Intellectual			2014
Property Rights"  One-Day workshop on "INDUSTRAL"	CCST JNTUH	Participation	21 <sup>st</sup> Mar
WASTE ATER TREATMENT	CCSI JINIUII	i articipation	21 Mar 2014
TECHNOLOGIES-ZERO-			2014
DISCHARGE"			
National Workshop on Recent	IST JNTUH TEQUIP-II	Participation	5 <sup>th</sup> Mar
Advances in Science & Technology	Sponsored	1 articipation	2014
DAE-BRNS Theme Meeting on	NCCCM, BARC,	Participated	20 <sup>th</sup> -
"Recent Advances in Materials	Hyderabad		22 <sup>nd</sup> Feb
Characterization by Surface Analytical			2014
Techniques"			
One-Day workshop on "EMERGING	CCST JNTUH	Participation	9 <sup>th</sup> Jan
TRENDS IN CHEMICAL SCIENCES		_	2014
& TECHNOLOGY" (TEQUIP-II			
Sponsored)			
National Convention of National	Govt of India, MNRE,	Participation	6 <sup>th</sup> -7 <sup>th</sup> Mar
Renewable Energy Fellows	New Delhi	& Presented	2013
International Conference on Advances	IST JNTUH	Participated &	14 <sup>th</sup> -
in Biological Hydrogen Production and		Presented	15 <sup>th</sup> Dec
Applications (ICABHPA-2014)			2012
Two-day UGC Sponsored National	Department of Botony,	Participated	30 <sup>th</sup> Nov-1 <sup>st</sup>
Seminar on "Recent Trends in	Andhra Loyola College,		Dec 2012
Nanobiotechnology in the Protection of	Vijayawada		
Health & Environment"			th
Refresh Course on Nanobiotechnology	SIST Hyderabad	Participation	18 <sup>th</sup> -
			20 <sup>th</sup> June
D. I. CD. III Y. I. C.	DADC MCCC.	D 4: : :	2012
Board of Research in Nuclear Sciences	BARC, NCCCM,	Participation	21 <sup>st</sup> -
(BRNS) Second School on Analytical	Hyderabad		27 <sup>th</sup> Aug
Chemistry (SAC-2011)	CDM University	Douticine 4: 1	2011 11 <sup>th</sup> -
National workshop on "Experimental Design, Modelling & Statistical	SRM University	Participated	11 <sup>th</sup> -
Design, Modelling & Statistical Analysis of Environmental Projects"			2011
Analysis of Environmental Projects			2011

One-day workshop on "Environmental	CEN JNTUH	Participation	7 <sup>th</sup> June
1	CENTINION	1 articipation	,
Management"			2011
One-day workshop on "World Water	CEN JNTUH	Participation	26 <sup>th</sup> Mar
Day 2011"			2011
National Conference on "RoHS	(C-MET), Hyderabad	Participation	8 <sup>th</sup> -9 <sup>th</sup> Mar
Regulations and Chemical Analysis for			2011
Compliance" (RRCA)			
A.P. Science Congress and annual	JNTUH	Participation	18 <sup>th</sup> -
convention of APAS (Andhra Pradesh			20 <sup>th</sup> Nov
Akademi of Sciences)			2010
Two Week Short Term Course on	CEN JNTUH	Participation	12 <sup>th</sup> -
"Modern Instrumental Methods for			25 <sup>th</sup> Nov
Pharmaceutical Analysis"			2010
National Seminar on the Best Practices	Govt College for Women,	Participation	23 <sup>rd</sup> -
in Teaching Learning in Undergraduate	Begumpet, Hyderabad		24 <sup>th</sup> Dec
colleges			2004
Certificate Course on Computer	Govt College for Women,	Participation	11 <sup>th</sup> Sept-
Concepts	Begumpet, Hyderabad		18 <sup>th</sup> Dec
			2003
Creative Writing Workshop-	Eduempire.com	Participation	5 <sup>th</sup> -6 <sup>th</sup> Aug
"Kaleidoscope"			2000

### Faculty Development Programs (FDP's):

S. No	Faculty Development Programs(FDP's)	Conducted by	Participation/ Presented	Duration
1	NPTEL-AICTE The Joy of Computing using Python	All India Council for Technical Education(AICTE)	Participated	July-October 2022 : 12 Weeks
2	5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education"	All India Council for Technical Education(AICTE)	Participated	14 June, 2021 to 18 June, 2021
3	AICTE Sponsored 2 Week FDP on "Quantum Computing"	ACE Engineering College, An Autonomous Institution, Ghatkesar, Hyderabad	Participated	8 <sup>th</sup> March to 20 <sup>th</sup> March 2021
4	Four Day National Level Online Faculty Development Program on Effective Research-Tools, Funding & IPR	Hindusthan College of Engineering And Technology, Affiliated to Anna University, Chennai, Coimbatore	Participated	7 September to 10 September 2020
5	Orienting Applications & Conceptualized Aspects	Balaji Institute of Technology & Science,	Participated	21 July to 25

	of Sciences & Humanities (Naational)	Laknepally, Narsampet, Warangal Rural-506331, Telangana, Dept. of Humanities & Sciences from		July, 2020
6	"Strategies and Techniques for Influential Teaching" (International)	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, Affiliated to Anna University, Chennai,Coimbatore	Participated	22nd to 24th July 2020
7	Vital Visionary Approach for Researchers-Recent Chemistry Perspective	Kongu Engineering College, Department of Chemistry, Perundurai, Erode, Tamilnadu	Participated	20 to 24 July, 2020
8	One Week Certificate Course on Apiculture	Balwant College, Department of Zoology, Vita, Sangli, Kolhapur	Participated	13 to 19 July 2020
9	One week faculty development on Research Methodology	Balaji Institute of Technology & Science, Laknepally, Narsampet, Warangal Rural-506331, Telangana, Dept. of Management Sciences	Participated	13-17 July 2020
10	Five Day Online Faculty Development Program on "QGIS"	PRAGATI ENGINEERING COLLEGE,(Autonomous) Approved by AICTE, Permanently Affiliated to JNTUK, KAKINADA & Accredited by NAAC with "A" Grade, Recognized by UGC under sections 2(f) & 12(b) of the UGC Act,1956 ADB Road, Surampalem, Near Peddapuram, E.G. Dist., A.P.	Participated	29th June to 4th July 2020
11	Five Days Faculty Development programme	Department of Computer Science and	Participated	30th June to 04th july ,2020

	On "Online ICT Tools			
12	One week Faculty Development Programme on Transformation in Engine Technology(BSIV to BSVI) & Electric Vehicle	Department of Mechanical Engineering, Anjuman College of Engineering & Technology, Nagpur	Participated	22 June to 27 June 2020
13	Online Faculty Development Program on "Advanced Materials for Energy Harvesting, Conversion and Storage"	Department of Science and Humanities, MLR Institute of Technology, Hyderabad	Participated	19th – 23rd June, 2020
14	ONLINE FIVE-DAY FACULTY DEVELOPMENT PROGRAM On RESEARCH METHODOLOGY AND SCIENTIFIC TOOLS	Government College Satnali, Mahendergarh (Haryana), India in collaboration with the Advance Research Educational Society.	Participated	9 <sup>th</sup> -13 <sup>th</sup> September 2020
15	Two Day International FDP on "High Impact Teaching Skills & Mind Mapping for Better Teaching "	Manipal Academy of Higher Education, Manipal	Participated	19 <sup>th</sup> -20 <sup>th</sup> August 2020
16	One Week Online FDP on "Recent Advances in Renewable Energy & Energy Efficiency Technologies"	Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad	Participated	21 <sup>st</sup> -25 <sup>th</sup> July 2020

#### **International Webinars:**

S. No	Title of	Conducted by	Participation/	Duration
	International		Presented	
	Webinar			
1	TEQIP-III Three	Centre for	Participated	$19^{th} - 21^{st}$
	day Webinar on	Environment,	_	September-2020
	Waste to Energy	Institute of Science		
		and Technology,		
		Jawaharlal Nehru		
		Technological		
		University Hyderabad		
		(JNTUH),		

		Kukatpally, Hyderabad		
2	One Day International Webinar on "Sustainable Development: Past, Present and Future"	Shri. Samarth Shikshan Sanstha Aheri's Chintamani College of Arts and Science Gondpipri Dist. Chandrapur (MS) India - 442702	Participated	25 <sup>th</sup> August 2020
3	"Role of Chemists in discovery of Drug and Vaccine for COVID-19"	Department of Chemistry, University College of Science, Satavahana University, Karimnagar- 505001, Telangana, India	Participated	16 <sup>th</sup> August 2020
4	An extensive overview of Digital Image Inpainting	Dr. SNS Rajakshmi College of Arts & Science, Coimbatore	Participated	9 <sup>th</sup> July 2020
5	ICT IN EDUCATION DURING AND AFTER COVID- 19	SNM TRAINING COLLEGE, MOOTHAKUNNAM INTERNAL QUALITY ASSURANCE CELL (IQAC) North Paravur, Ernakulam (Dt.), Kerala, India. Pincode: 683516	Participated	9 <sup>th</sup> July 2020
6	One Day International Webinar on " Ŏहंद४ का प्रवासी साŏहत्य एवंउसकी अवधारणा "	Badruka College of Commerce & Arts, Kachiguda, Hyderabad	Participated	9 <sup>th</sup> July 2020
7	"NANO - THE TINY WARRIOR"- Engineering Nanomedicine and Drug Delivery System	Department of Chemistry, Kongu Engineering College, Perundurai-638060, Erode, Tamil Nadu	Participated	30 <sup>th</sup> May 2020

#### **National Webinars:**

S. No	Title of National Webinar	Conducted by	Participation/ Presented	Duration
1	Advanced Methods & Approaches of Teaching English, some strategies of		Participated	2 <sup>nd</sup> July 2020

Т	. CC	(A		T
	effective learning	(Approved by		
		AICTE, New Delhi		
		& Affiliated to		
		JNTUK, Kakinada)		
		Jonnalagadda(V),		
		Narasaraopet,		
		Guntur District,		
		Andhra Pradesh.		
2	"PLASTICS VERSUS	TIRUMALA	Participated	7 <sup>th</sup> July 2020
_	BIOPLASTICS FROM	ENGINEERING	1 marapara	, , , , , , , , , , , , , , , , , , , ,
	ENVIRONMENT AND	COLLEGE		
	SUSTAINABLE POINT OF	(Approved by		
	VIEW"	AICTE, New Delhi		
	VIE W			
		& Affiliated to		
		JNTUK, Kakinada)		
		Jonnalagadda(V),		
		Narasaraopet,		
		Guntur District,		
		Andhra Pradesh.		
3	'OPPORTUNITIES IN	University of	Participated	8 <sup>th</sup> July 2020
	SERVICE SECTORS'	Mumbai's Alkesh		
		Dinesh Mody		
		Institute of		
		Financial and		
		Management		
		collaboration with		
		National Institute of		
		Personnel		
		Management		
		(NIPM, Mumbai		
		Chapter)		
4	TWO-DAY NATIONAL	Department of	Partici23	8 <sup>th</sup> - 9 <sup>th</sup> July 2020
	LEVEL ONLINE	Electronics &		
	WORKSHOP on	Communication	pated	
	"LEARNING	Engineering,		
	MANAGEMENT SYSTEM"	SIDDHARTHA		
	MANAGEMENT STSTEM	INSTITUTE OF		
		ENGINEERING		
		AND		
		TECHNOLOGY ,		
		Ibrahimpatnam,		
		Telangana		
5	'Intellectual Property Rights:	Seth Ghasiram	Participated	9 <sup>th</sup> July 2020
	Significance and Challenges	Gopikishan		
		Badruka		
		Educational Society		
		Badruka College of		
		Commerce & Arts		
		Osmania		
		University,		

		500027, Telangana State		
6	"How to write and Publish paper in any 50,000+ Web of Science & Scopus Indexed journals Conference papers Effectively & Efficiently using TYPESET Research Studio"	Kusumagraj Central Library of K. K. Wagh Institute of Engineering Education & Research, Nashik, Maharashtra, India	Participated	10 <sup>th</sup> July 2020
7	Scientific Publishing	Department of Civil Engineering, Mar Baselios College of Engineering & Technology, Kerala	Participated	10 <sup>th</sup> July 2020
8	A Navigation in to Science process skills	Govt. College of Education, Pudukkottai	Participated	10 <sup>th</sup> July 2020
9	Two Days National Webinar on "Quality of reinforcement & Next Generation Concrete	Department of Civil Engineering, JIT, Davangere	Participated	10 <sup>th</sup> – 11 <sup>th</sup> July 2020
10	"Covid-19 Crisis and its Impact on World Demography and Economic"	Govt. Home Science PG Lead College Hoshangabad(M.P.) (Accredited by NAAC 'B') Organized a National Webinar in association with Shri Makhanlal Chaturvedi Govt. College Babai DisttHoshangabad (Department of Economics) (Affiliated to Barkatullah University Bhopal)	Participated	11 <sup>th</sup> July 2020
11	"Fundamentals of Nanofluids and Heat Transfer"	Department of Mechanical Engineering, Marthandam College of Engineering & Technology, Tamilnadu	Participated	11 <sup>th</sup> July 2020
12	"Frontiers of Pericyclic Reactions"	KLE Society's P. C. JABIN SCIENCE COLLEGE Autonomous, Hubballi-580031	Participated	11 <sup>th</sup> July 2020
13	"Startup Opportunities in the Field of Solar Energy"	AISSMS Institute of Information Technology,	Participated	12 <sup>th</sup> July 2020

		Maharashtra		
14	"Smart Engineering Materials & Applications"	P.T.Lee Changalvaraya Naicker College of Engineering & Technology, Tamilnadu	Participated	12 <sup>th</sup> July 2020
15	"Emergence of Multidisciplinary Approach in Research – A Global Context"	Department of Physics, School of Advanced Sciences, Kalasalingam Academy of Research and Education, Krishankoi, Tamilnadu	Participated	12 <sup>th</sup> July 2020
16	"Tools for Online Teaching Learning Process"	Maulana Muktar Ahmed Nadvi Technical Campus, AbdulLatif Ali Al Shaya Engineering & Technology, Department of Civil Engineering, Maharashtra	Participated	13 <sup>th</sup> July 2020
17	"National INNOVATION and STARTUP Policy 2019 for Students and Faculty"	NNRG, Hyderabad	Participated	13 <sup>th</sup> July 2020
18	"Satellite Image Processing for Tracking Environmental Changes"	ANNAPOORANA ENGINEERING COLLEGE, Tamilnadu, Department of ECE and EEE in Association with IQAC	Participated	14 <sup>th</sup> July 2020
19	How to create course & course activities in open source online learning	Hindu College, Guntur, Department of Mathematics	Participated	14 <sup>th</sup> July 2020
20	"Global Approaches in Patent Laws"	K. L. E. Society's P. C. Jabin Science College, Karnataka	Participated	14 <sup>th</sup> July 2020
21	"Wellness Of Women - WOW Moments"	Women Cell, G.T.N. Arts College, Dindigul	Participated	14 <sup>th</sup> July 2020
22	"Anatomization of Automotive Industry"	PARK COLLEGE OF ENGINEERING AND TECHNOLOGY KANIYUR, COIMBATORE	Participated	14 <sup>th</sup> July 2020
23	"Career in Life Science"	UDAYA COLLEGE OF	Participated	15 <sup>th</sup> July 2020

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		ARTS AND		
		SCIENCE,		
		Tamilnadu		41.
24	The Role of Personality	Manipal University,	Participated	15 <sup>th</sup> July 2020
	Development in Achieving	Jaipur		
	Personal & Professional			
	Sucess			,
25	Engineering a Passionate	Department of	Participated	22 <sup>nd</sup> July 2020
	Journey Towards Success	Electrical and		
		Electronics		
		Engineering,		
2.6	(27.57.5	MSAJCE, Chennai	7	a 4th x 2020
26	"NMR Spectroscopy"	Department of	Participated	24 <sup>th</sup> June 2020
		Basic Sciences &		
		Humanties,		
		Vignan's Institute of		
		Management &		
		Technology for		
27	"Industrial IoT"	Women, Hyderabad	Participated	25 <sup>th</sup> July 2020
21	industrial 101	Department of ECE, School of	Participated	23 July 2020
		Engineering,		
		Avinashilingam		
		Institute for Home		
		Science and Higher		
		Education for		
		Women,		
		Coimbatore		
28	"Application of Metal-	Department of	Participated	27 <sup>th</sup> June 2020
	Organic Frameworks (MOFs)	Chemistry of RGM	1	
	as Electrochemical Sensors"	College of		
		Engineering and		
		Technology,		
		Nandyal		
29	Electrochemistry Basics:	Vaageswari College	Participated	28 <sup>th</sup> June 2020
	Principles, Methods &	of Enginering,		
	Applications	Karimnagar		
30	Role of Composites in	TIRUMALA	Participated	29 <sup>th</sup> June 2020
	Modern Engineering Era	ENGINEERING		
		COLLEGE		
		(Approved by		
		AICTE, New Delhi		
		& Affiliated to		
		JNTUK, Kakinada)		
		Jonnalagadda(V),		
		Narasaraopet,		
		Guntur District,		
21	UD. 1 1 II CICT.	Andhra Pradesh.	D	20th M 2020
31	"Pedagogical Use of ICT in a	Department of	Participated	29 <sup>th</sup> May 2020
	Classroom"	Humanities and		
		Sciences, Stanley		
		College of		
		Engineering and		
		Technology for		

		Women, Hyderabad		
32	Carving of Big Dreams using basic principles and small ideas	Mrs Kesharbhai Sonajirao Kshirsagar Alias Kaku Arts , Science & Commerce College	Participated	3 <sup>rd</sup> September 2020
33	DESIGNING LEARNING OUCOME BASED CURRICULUM	Department of Education, Sri Guru Granth Sahib World University, Fatehgarh Sahib (Punjab)	Participated	14 <sup>th</sup> August 2020
34	3rd National Seminar(web) on Atmanirbhar Bharat: Environmental Sustainability	NITTTR Kolkata in collaboration with knowlede partner SPIU, Uttar Pradesh	Participated	16 <sup>th</sup> August 2020
35	Neuro Fuzzy System	Department of Computer Science and Engineering, Francis Xavier Engineering College, Tirunelveli	Participated	8 <sup>th</sup> July 2020
36	"Clean water:-The first medicine for life		Participated	24 <sup>th</sup> July 2020







Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

# **CERTIFICATE**

This is to certify that, DR. K. SRILATHA of ACE ENGINEERING COLLEGE has successfully

participated in IP Awareness/Training program under

#### NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION

on December 16,2022

Amrit Mahotsav

Organized by Intellectual Property Office, India

Date: January 17,2023



(Prof. (Dr) Unnat P. Pandit) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS



# NPTEL-AICTE Faculty Development Programme



(Funded by the MoE, Govt. of India)

This certificate is awarded to

K SRILATHA

for successfully completing the course

# The Joy of Computing using Python

with a consolidated score of 72 %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jul-Oct 2022)

Prof. Dileep N. Malkhede

Advisor-I (Research, Institute & Faculty Development)

All India Council for Technical Education

Duration of NPTEL course: 12 Weeks