

Curriculum vitae

Dr.MEDEPALLI DAVIDRAJU,

Deputy HOD & Associate professor in Chemistry

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Present & Permanent Address

GB1, Rajasree Enclave,
Brundavan Colony, Labbipet,
Vijayawada-520010
A.P. India.

PERSONAL PROFILE :

Date of Birth : 3 – 08 - 1971
Sex : Male
Nationality : Indian
Marital Status : Married
Languages known : English, Hindi and Telugu

ACADEMIC QUALIFICATIONS :

- **Ph. D. (Organometallics)** 1998 Vikram University. Ujjain-India. Supervisor, Dr. M.S.Singh, Professor in Organic Chemistry, BHU, Varanasi, U.P. India

Thesis title “Synthesis and characterization of some probable organotin and organosilicon precursor molecules for chemical vapor deposition”

- **M. Sc. (Chemistry)**, 1993, First Division, Devi Ahilya University, Indore, M. P., India. Secured **Second position in the order of Merit** in the University.
- **B. Sc. (Chemistry, Mathematics & Physics)**, 1991, First Division, Nagarjuna University, Guntur, A. P., India. (Andhra Loyola College, Vijayawada)

AREAS OF RESEARCH :

- Synthetic Organic Chemistry & Synthetic Organometallics

PROFESSIONAL COMPETENCE :

- Excellent communication and management skills
- Capacity to teach Organic, Analytical & General Chemistry to any level.
- Good commanding on class room.
- Better practical knowledge related to Organic chemistry, Analytical, and Inorganic Chemistry.
- Expertise in analyzing spectroscopic data like 1D, 2D-NMR and Mass spectra.

- Expertise in various computers programs like MS Office, Chem. draw, ISIS draw etc.
- Capable of both collaborative and independent research work.
- Possession of good communication and management skills.

Teaching Experience(Total 20Years) :

- **2 years** in UG(B.Sc level Chemistry) Andhra Loyola College,Vijayawada,A.P
- **10 years as a P.G Lecturer in the P.G Centre ,P.B. Siddartha College of Arts and Science – Vijayawada, A.P., India**
- **6 Years** as a Associate Professor (Reader) and Deputy HOD to till date in PG Center **P.B. Siddartha College of Arts and Science – Vijayawada, A.P., India**

RESEARCH EXPERIENCE(20YEARS):

- Total 20years of research experience since Ph.D degree in the area of synthetic organometallics & synthetic organic chemistry.
- Under the supervision of Prof.Dr.M.S.Singh,
- Banarus Hindu University and submitted at Vikramuniversity,Ujjain, M.P, India

BRIEF OUTLINE OF RESEARCH WORK :

- Synthesized 75 Organotin(IV)&Organosilicon(IV)molecules, their biological evaluation are under progress.
- As the Organotin(IV) and Organosilicon (IV))derivatives are important for chemical vapour deposition and as catalysts in organic transformations,hence it was considered worthwhile to synthesis the complexes of Organotin(IV)and organosilicon(IV)with some biological active N,O,and S donar ligands.
- Some Organotin(IV) complexes of 2-(N-salicylidene)-5-chlorobenzophenone,salicylaldehydethiosemicarbazone,benzylmonothiosemicarbazone and benzylmonooxyme in different stoichiometric ratios have been synthesized by the reactions with Organotin(IV)chlorides.
- A few Organosilicon(IV)derivatives of the above said N,O,S-donar ligands are prepared analogously.All these newly synthesized Organotin(IV) and Organosilicon(IV)complexes have been characterized by elemental analyses,molecular weight measurements and spectral(IR,¹H,¹³C and¹¹⁹Sn&²⁹Si NMR) studies.
- On the basis of above said studies four,- ,five- and six- coordinated geometries for Organotin(IV) centre and four coordinated geometry for Organosilicon(IV) center have been proposed, which is evident with their steric requirements that silicon will exhibit the lower coordination number as compared to tin.

List Of Publications (Total : 32) :

Inter National-26

National-6

International Journal Publications - 26

S.No	Author	Title of the Paper	Name of the journal with ISSN/ISBN number	Year/Vol	Total citation Index/ Impact Factor
1	M.D.Raju, L.M. Nehete, R.J. Rao & M.S. Singh	Dimethylsilicon(IV)-Maleanilates and Phthalianilates	<i>Synth. React. Inorg. Met.- Org. Chem.</i> 1553-3174 (Print), 1553-3182(O)	27, 231 (1997).	0.493
2	M.D.Raju , U.N. Tripathi and M.S. Singh	Synthesis and characterisation of some organotin(IV) derivatives of 2-(N-salicylidene)-5-chlorobenzophenone.	<i>Main Group Metal Chemistry</i> ,2191-0219	20, 497 (1997)	0.45
3	M.D.Raju , M.S. Singh, K.Tawade and A.K.Singh	Synthesis and spectroscopic study of some organotin(IV) derivatives of benzilmonosemicarbazone	<i>Main Group Metal Chemistry</i> , 2191-0219	21, 489 (1998).	0.45
4	M.D.Raju M.S. Singh, A.K.Singh & S.K.Tiwari	Nitrogen and sulfur bonded organosilicon(IV) complexes: Synthetic & spectroscopic aspects	<i>Main Group Metal Chemistry</i> , 1553-3174 (Print), 1553-3182(O)	21, 643 (1998)	0.45
5	M.D.Raju M.S. Singh, A,K, Singh & P. Narayan, <i>Synth. React.</i>	Some complexes of organotin(IV) chloride with salicylaldehyde thiosemicarbazone.	<i>React. Inorg .Met-Org. Chem</i> 1553-3174 (Print), 1553-3182(O)	29, 73 (1999).	0.493
6	M.D. Raju , M.S. Singh, P.K.Singh & S.K.Tiwari	Coordination behaviour of benzilmonoxime and benzildioxime towards organotin(IV):Synthesis and characterization	<i>Synth. React. Inorg. Met-Org.Chem</i> , 1553-3174 (Print), 1553-3182(O)	29, 1711 (1999).	0.493
7	M.DavidRaju ,	Synthesis and spectroscopic study of some Organotin(IV)derivatives of N,N'-o-phenylenebis(salicylideneimine)	Main Group Metal Chemistry , 2191-0219	31,Nos3-4,2008	0.45
8	M.DavidRaju	Synthesis and Spectroscopic study of some Organotitanium(IV)Derivatives Of N, N'-Phenylenebis(Salicylideneimine)	Reviews in Inorganic Chemistry, 2191-0227	Vol32, No.4,Nov 2009 .	2.103
9	M.DavidRaju	Synthesis and spectroscopic study of someOrganosilicon(IV)derivatives of N,N'-o-phenylenebis(salicylideneimine)	Main Group Metal Chemistry, 2191-0227	vol 32,no.2, 2009	0.45

10	M.David Raju,	Synthesis and spectroscopic study of some Organonickel(IV)derivatives of n,n'-o-phenylenebis(salicylideneimine)	Reviews in Inorganic chemistry , 2191-0219	vol 29,no.3, July-Sept 2010	2.103
11	Medepalli David Raju,	Nitrogen oxygen bonded hetrocyclic Organotin(IV)derivatives of a new schiff base:synthesis and spectral assiffpects,	Main Group Metal Chemistry,2191-0227	vol33,no, 1-2,2010	0.45
12	M.C. Rao, K. Ravindranadh, T. Srikumar, G.V. Ramana, K.L. Sirisha, T. Rosemary, M. David Raju, M. Manoranjani and G. Nagarjuna	Thermodynamic and gas sensing properties of cu ²⁺ doped SnO ₂ thin films	International journal of chemical concepts, 2395-4256	Vol.01, No.03, pp 114-119, 2015	-
13	M.C. Rao *, K. Ravindranadh , A. Kasturi , N. Krishna Mohan , M. David Raju , G. Raju and C. Naresh Kumar Reddy	Microstructural Features of Mn ²⁺ Doped SnO ₂ Thin Films	International Journal of TechnoChem Research , 2395-4248	Vol.02, No.01, pp 62-66, 2016	-
14	T Jaison Jose, A Simi, M David Raju , *P Lakshmi Praveen,	Thermodynamic and Ultraviolet Stabilitiesof Para-Azoxyanisole :A Nematic Liquid Crystal	International Journal of Macro and Nano Physics (IJMNP), (O) 2393-8021 (P)	vol- 1,issue- 1,page 1-11, 2016,	
15	T Jaison Jose, A Simi, M David Raju , *P Lakshmi	Liquid Crystalline Carborane Diester Molecules: Structure and Ultraviolet Absorption Behavior based on DFT and Semiempirical Methods	International Advanced Research Journal in Science, Engineering and Technology 2394-1588	Vol. 2, Issue 11, Nov2015	5.33
16	T. JAISON JOSE, A. SIMI, M. DAVID RAJU , P. LAKSHMI PRAVEEN	Estimation of spectral shifts of fluorinated liquid crystals in ultraviolet region: Role of correlations in molecular structures	Journal of optoelectronics and advanced meterial	Vol 19,No1-2,Jan-Feb2017	0.449
17	Dr.M.David Raju & Dr.sahasini sodagudi	NewEducation Policy and imperatives	AE International Journal of Multidisciplinary Research" , ISSN:2348-6724	2017	2.72

18	Dr.M.David Raju	Analytical method development and validation for the simultaneous estimation of Tenofovir alafenamide fumarate and emtricitabine in drug product”,	European journal of Biomedical and pharmaceutical sciences, vol5,2018	2018	4.9
19	Dr.M.David Raju & Jason jose	Theoretical model of nematogen : estimation of phase stability, absorption, electrochemical and nonlinear optical properties, ,2018	ACTA physica Polonica A, SCI,SCOPUS,UGC	2018	
20	Dr.M.David Raju & Abdul Matin	Green Synthesis of zinc oxide nanoparticles using aqueous root extract of sphagneticola trilobata Lin and investigate its role in toxic metal removal, sowing germination and fostering of plant growth”	<i>Journal of Inorganic and Nano – metal chemistry</i> , Taylor and Francis group, vol:50, January,2020. Scopous,UGC listed https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1722694	2020	0.78
21	Dr.M.David Raju & Sodagudi Suhasini	Identification of Anomalous Activities in using Digital Technology	<i>Journal of Advanced Research in Dynamical and Control Systems is a SCOPUS Indexed Journal.</i>	2019	
22	Dr.M.David Raju	Method development and validation of oxometazoline HCl and sorbitol in biuk and pharmaceutical dosage form International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue page no.243-250, June-2019, : http://www.jetir.org/papers/JETIR1906324.pdf	International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue page no.243-250, June-2019, : http://www.jetir.org/papers/JETIR1906324.pdf	2019	5.87
23	Dr.M.David Raju & S.Suhasini	Novel approaches to identify and prevent Cyber Attacks in Web, Published in: 2019 3rd International Conference on Computing Methodologies and Communication (ICCMC)	Date of Conference: 27-29 March 2019 Date Added to IEEE Xplore: 29 August 2019 ISBN Information: INSPEC Accession Number: 18958284	2019	

			<p>DOI: 10.1109/ICCMC.2019.8819822</p> <p>Publisher: IEEE</p> <p>Conference</p> <p>Location: Erode, India, India</p> <p>https://ieeexplore.ieee.org/document/8819822</p>		
24	D.E. Prasada Rao M. Ravikiran M. Murali M. David Raju , P. Eswaraiyah a , N. Ravi Kumar Reddy , C. Rajendiran , M.V. Basaveswara Rao ,	Synthesis of 3-methylthioimidazo[1,2-a]pyridines derivatives	Journal of Chemical Data Collections, vol 31,2021.ELSEVIER, SCOPOUS,CHEMICAL ABSTRACTS, ISSN: 2405-8300 Pub Date : 2020-12-29, https://www.sciencedirect.com/science/article/pii/S2405830020303360	2020	2.22(SCOPOUS)
25	Sk Abdul Matin Dr.M.David Raju,D.Ramash ekar Reddy,Dr.Jaya Dev D	Synthesis of zinc oxide nanoparticles using anthocephalus cadamba plant extracts and explores its antioxidant anti-inflammatory and anti diabetic activity	, J,Intern national journal for modern trends in science and technology,ISSN 24553778,Vol7,Issue 01, http://dpoi.org/10.46501/IJMTST070135 ,UGC Recognised Available online at: http://www.ijmtst.com ml https://rjptonline.org/	2021	
26	SK. Abdul Mathin1*, M. David Raju, D. Rama Sekhara Reddy	Green synthesis, Characterization and application study of Zinc nanoparticles Synthesized using aqueous root extract of Sphagneticola trilobataLin	Research J. Pharm. and Tech. 13(12): December 2020 https://www.indianjournals.com/ijor.aspx?target=ijor:rjpt&volume=13&issue=12&article=057	2021	0.23(Scopus)
		-----National	Journals -----		
1	M.D. Raju , M.S. Singh and A.K. Singh,	Synthesis and characterisation of benzilmonoxime complexes of organosilicon(IV).	Indian J. Chem., 0975-0975 (Online) ISSN: 0376-4710 (Print)	38A, 1060 (1999).	0.729

2	M.D. Raju, V.W. Bhagwat, M.S. Singh & S.K. Tiwari,	Hypervalent organosilicon compounds: Synthesis and spectral studies.	Indian J. Chem., 0975-0975 (Online) ISSN: 0376-4710 (Print)	716 (1999).	0.729
3	M.D. Raju, Pratibha Singh M.S. Singh and Anil K. Singh,	Remote Dianions and their Application in the Synthesis of Macroheterocycles.	Indian J. Chem., 0975-0975 (Online) ISSN: 0376-4710 (Print)	(2006).	0.729
4	M. David Raju, Mandava V.Basaveswara Rao, B.C.K. Reddy, T.Srinivas Rao,	Estimation of primidone in commercial dosage forms using a simple and convenient hplc method	Rasayan Journal of Chemistry ISSN 2277-2871	2(2):297-299 · April 2009	-
5	M.D. Raju, M.S. Singh and A.K. Singh,	Synthesis and characterisation of benzilmonoxime complexes of organosilicon(IV).	Indian J. Chem., 0975-0975 (Online) ISSN: 0376-4710 (Print)	38A, 1060 (1999).	0.729
6	Medepalli David Raju	Nitrogen, Oxygen bonded heterocyclic Organosilicon(IV) derivatives of a new schiff base: synthesis and spectral aspects,	Journal of current chemical and pharmaceutical science	1(i),2011 ,9-14	-

15.a) Refresher courses / Orientation courses/Workshops Attended :

S.No	Name/Title	Organized by	Duration	Year
1	Participated in Workshop on "Chromatography Techniques"	Department of chemistry,KBN College,Vijayawada	1	20 Feb 2010
2	National Workshop on "The Environmental impacts of Chemical Industries and Mitigation Measures"	Department of Chemistry, Hindu College, PG Courses, Guntur		29 th Jan 2010
3	Workshop on "Beat plastic pollution with waste management",	PBSC, Sept 2018	1	27 th Sept 2018

15.b) Papers presented at conferences/Seminars/Workshops

S.No	Title of Conference/seminar/symposium	Organized by	Title of the paper	Year

1	Coimbatore, Tamilnadu	Dept. of Chemistry, Kongunadu Arts & Science College, Coimbatore, Tamilnadu	Synthesis & Spectroscopic study of some Organotin(IV) derivatives of a new Heterocyclic Schiff base".	10-09-2004
2	UGC Sponcored Regional seminar on Environmental pollution with special reference to pesticide pollution	Department of chemistry, P.B. Siddhartha college of Arts & Science, Vijayawada	participated	15 th Dec 2007
3	National seminar on Green Organic Synthesis in pharmaceuticals	Department of Chemistry, P.B. Siddhartha college of Arts & Science, Vijayawada	Green synthesis of metal complexes an overview	28-29 July 2006
4	CSIR sponsored National conference on "Recent advances in Chemical Research",	NCRACR-2009 - Department of Chemistry, Osmania University, Hyderabad	synthesis and spectroscopic study of some Organotitanium(IV) derivatives of N,N'-o-phenylphenylenebis (salicylideneimine)	6 th and 7 th February, 2009
5	Organised & Presented National Seminar in the "The Promise Of Nano Science	Department of Chemistry, P.B. Siddhartha college of Arts & Science, Vijayawada	Synthesis of organotin nanoparticles and characterisation	6 th -7 th March, 2009
6	National seminar on "Emerging trends in Pharmaceutical analysis	K V S Siddhartha college of pharmaceutical sciences	Drug analysis by HPLC Method	4 - 5 February, 2009
7	National seminar on NanoTechnology	SRR & CVR Govt college, Vijayawada	Applications of Nanomaterials	11. Dec. 2009 Vijayawada
8	UGC & CSIR, DAE-BRNS Sponsored National Youth Forum on green energy solutions meeting global concerns	Department of Chemistry, Maris Stella college, Vijayawada	Green Chemistry	19 th and 20 th Nov 2009
9	46 th Annual convention of chemists 2009 & International Conference on Recent Research Trends in Chemical Sciences	VIT University, Vellore	Synthesis and characterisation of organotin(IV) complexes with New Schiff base ligand	2 nd to 6 th December 2009
10	"Recent advances in Chemical biology"	Vignan chemical association, Guntur	participated	27 th Feb 2010
11	29 th Annual Conference of Indian Council of Chemists	Department of Chemistry, Punjab University, Chandigarh	Synthesis and characterisation of Organosilicon(IV) complexes	19 th to 21 st December 2010

12	48th Annual convention of chemists 2011	Department of chemistry University of Allahabad,	Synthesis and charecterisationof Organotitanium(iv)complexes	
13	National Seminar on Pharmaceutical sciences in the New century : Emerging trends and challenges with special emphasis on Environmental aspects held on	Department of chemistry Hindu college ,Guntur and Acharya Nagarjuna university	Environmental pollution and its effects	5 th to 6 th Nov 2011
14	UGC sponsored NationalSeminar in the on the premises of Green Chemistry	Andhra Loyola College, Vijayawada	Green synthesis of nanoparticles	Nov 16th, 2011
15	National Seminar on "Recent trends in Pharmaceutical chemistry" under the ages of APSCHE Hyderabad & AP Pollution Control Board	Department of chemistry,Krishna University,under the ages of APSCHE,Hyderabad & AP Pollution Control Board Machilipatnam,	Synthesis of biologically active organometallic complexes	31st Jan 2011
16	National seminar on "Chemistry of Natural Products"	department of chemistry,Krishna University,& ap academy of sciences ,Vijayawada	The Role of Natural Product Chemistry in Drug Discovery	28th NOV 2011
17	Siddhartha Alalyticon - 2011	K.V.S.R.Siddhartha College of Pharmaceutical Sciences, Vijayawada.	participated	1 st November, 2011
18	National Seminar on "Pharmaceutical Sciences in the New Century: Emerging Trends and Challenges with Emphasis on Environmental Aspects"	K.V.S.R.Siddhartha College of Pharmaceutical Sciences Vijayawada.	Effects of industrial wastage on environmental polution	16 th November, 2011
19	UGC sponsored National Seminar on "Significance of Green Strategies for Environmental Protection" in collaboration with ANU	Department of Chemistry, K.B.N.College, Vijayawada	Industrial effluents and its effects	14 th & 15 th December, 2012
20	National Seminar on "Role of Chemistry in the present era"	Royal Society of Chemistry, (LONDON) – DS, held at Department of Chemistry, Krishna University, Dr.MRAR PG Centre, Nuzvid.	Chemical applications to the modern society	25 th August, 2012
21	UGC National seminar on new frontiers in scientific research	Department of Chemistry Andhra Loyola College, Vijayawada	New techniques in the field of chemistry	27 th February 2012

22	National Seminar on "Modern Trends in Chemical Sciences"	Acharya Nagarjuna University, Guntur	participated	20 th & 21 st December, 2013.
23	National Seminar on "Modern Trends in Chemical Sciences"	Acharya Nagarjuna University,	Synthesis of organotin compounds	20 th & 21 st December, 2013.
24	National Poaster Symposium"conducted held at Siddhartha Auditorium on	Royal Society of Chemistry(London)-DS,Hyderabad and Krishna University,Machilipatnam	participated	21 st December, 2013.
25	Indian Chemical Society 50 th Annual Advanced Studies in chemistry,	Department of chemistry,Panjab University,	Synthesis and charecterisation of organotin complexes and charecterisation	4 th to 7 th December, 2013
26	National seminar on Seminar on "Role of chemistry in Drug Discovery"	Royal Society of Chemistry (London)-DS,Hyderabad and KrishnaUniversity,Machilipatnam	participated	6 th July, 2013
27	Recent Trends in Synthetic Organic & Natural Product Chemistry"	Department of Chemistry, Noble College, Machilipatnam in association with Krishna University, Machilipatnam,	Synthesis of organo silicon complexes and its charecterisation	20 th & 21 st February, 2015
28	UGC Sponcerd National seminar shaping the future with nanoscience	Department of chemistry,P.B.Siddhartha college of arts and science,vijayawada	Nanoscience and nanotechnologies	19 th &20 th Aug 2015
29	Seminar on chemistry for sustainable development	Royal Society of Chemistry (London)-DS,Hyderabad and KrishnaUniversity, Machilipatnam	Participated	26 September 2015
30	Two day national seminar on applications of green chemistry in sustainable development	K.V.S.Siddhartha college of pharmaceutical sciences,Vijayawada	Applications of green chemistry	29-30 july
31	National seminar on "Novel Chemical Strategies for sustainable environment at on	PBSC	1	22 March 2018
32	2 day National workshop on Radiochemistry, at PBSC in association with Indian association of nuclear chemists & allied scientists	Andhra Loyola College,vijayawada	2	4 th and 5 th Jan 2019
33	International seminar on Nanotechnology for the future energy challenges	PBSC	1	18 th Dec 2018

34	"Modern Tools in Academics" in a UGC sponsored one day National seminar on Modern tools in evaluation- A shift from quantitative to qualitative techniques	Ch.S.D.St.Theresa college for women(autonomous), Eluru.	1	on Dec,2109 5 th
35	"Zn oxide nano particles in Andhra Pradesh Science Congress (APSC – 2019) during	Dr.B.R.Ambedkar University, Srikakulam.	3	28 th -30 th , November,2019
36	"Modern Applications of Chemistry in Science" in a UGC sponsored one day National Seminar on Modern Applications Of Chemistry In Engineering and Sciences on organized by the dept of chemistry,	JMJ College for Women, Tenali.	1	22 nd Nov,2019,
37	"A case based approach to forecast and direct credit card Fraud translations in International conferences in Frontiers in smart system technologies	Department of Electronics and Communication Engineering at Veltech.	3	3 rd to 5 th April,
38	"Recent Trends in Chemistry" organized by dept of chemistry,	Bapatla college of Arts & Sciences & Royal Society of chemistry (London,UK)-Local section Deccan, India,	1	23 rd December,2019

S.No	Title of conference	Organized by	Title of the Talk	Year
1	A guest lecture was given on "Radio Chemistry	Department of Chemistry, Andhra Loyola College, Vijayawada	Radio Chemistry	21 st September,2014
2	A guest lecture was given on "Chemical Kinetics"	Department of Chemistry, Andhra Loyola College, Vijayawada	Chemical Kinetics	18 th September, 2014.
3	A guest lecture was given on "Biochemical Analysis	Department of Bio Chemistry, Andhra Loyola College, Vijayawada	Biochemical Analysis	27 Nov 2014
4	A guest lecture was given on "Spectroscopy	Department of Bio Chemistry, Andhra Loyola College, Vijayawada	Spectroscopy	30 Sep 2014
5	Invited Talk in UGC and APPCB sponsored National Seminar	Department of Chemistry SVRM College,Nagaram	Effect of Pollution on climatic changes	29 th Jan 2010

S. no	Dates	Name of the Organization	Topic	Proof
ONLINE CERTIFICATION COURSES				
1	11/6/2020	Courseera-University of Michigan	Programing for everybody(getting started with Python)	Certificate-1
2	14/6/2020	Coursera-Deeplearning.ai	AI for Everyone	Certificate -2
WEBINARS				
1	26/04/2020	Webinar-Academy of Management Professionals	Write & Publish in High Impact Journals	Certificate-1
Online FDPS				
1	27/04/2020-2/05/2020	FDP- Department of Computer Engineering,Jagadhamba Engineering College,Yavathmal	Innovation in teaching and learning	Certificate-1
2	23/05/2020-27/05/2020	FDP-Department of IT,VRSEC	Cyber security	Certificate -2
Online WORKSHOPS				
1	10/04/2020-11/04/2020	Workshop-IPPO	Intellectual Property Rights	Certificate -1
2	8/05/2020-13/05/2020	Workshop-Eswar College of Engineering,Kesanapalli,Guntur(Dt)	Data Analysis and OptimisingTechniques by using spread sheet	Certificate -2

Online Seminars

Dates		No of Days	Title, Place, Month & year
From	To		
30-10-2019.	30-10-2019.	1	National seminar on Innovations For the Societal Advancement” in collaboration with Andhra Pradesh Akademi of Sciences & Luminescence of India & Sept,2019
23-12-2019	23-12-2019	1	workshop on “Emerging Trends in Plastics” on , in association with Central Institute of Plastics Engineering & Technology CIPET), Vijayawada. December 2019
9/9/2019	9/9/2019	1	organized a Guest Lecture on “Natural Products, their role and contribution to health and society” Sept 2019
21/12/2019	21/12/2019	1	Guest Lecture on “Use of Computational Chemistry” on by National Institute of Pharmaceutical Education and Research (NIPER), Mohali, Punjab. December 2019

Patents:

1. Australian Patent number: 2020104352, Granted

Title of invention:

FUTURE SUMMER TEMPERATURE AVERAGE PREDICTION FROM AIR TEMPERATURE RATE DATA

Name of inventor(s):

Chakrabarti, Tulika; Patil, Mithun Baswaraj; Karthik, P. M. Dhureen; , **Medepalli David Raju**; Satpathy, Biswajit; Chakrabarti, Prasun; Hati, Ananda Shankar; Das, Anirban; Chhawchharia, Pradeep; Mandal(Vijayvergiya), Rashmi; Mishra, Richa and Ravi Kumar, N.

Dated this 3rd day of March 2021,

<http://pericles.ipaustralia.gov.au/ols/epublish/content/olsPatentsPdfDownload?id=1016>

2. Indian patent:

TITLE OF INVENTION

Design and Biological study on new Anti-inflammatory hybrid derivatives

Name of inventor(s):1 . Dr.S.Mohanasundaram,Dr.Medepalli David Raju, Mr.V.Sampath, Dr.Kumud Pant, Dr.S.MohamedRabeek, Dr.A.Samsath Begum,Dr. Harish Rajak ,Dated this 5th day of February, 2022

APPLICATION NUMBER

202241006304

APPLICATION TYPE

ORDINARY APPLICATION

DATE OF FILING

06/02/2022

FIELD OF INVENTION

CHEMICAL

PUBLICATION DATE (UIS 1 IA)1 1/02/202,(<http://ipindia.nic.in/index.htm>)