

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad – 500 085, Telangana State (India)

PRESCRIBED FORMAT FOR ANNUAL REPORT 2016-2017

1. Name of the College/Dept/School/Centre	Institute of Science & Technology (Autonomous)
2. Address (with contact number/fax, and E-mail id)	Institute of Science & Technology (Autonomous) Jawaharlal Nehru Technological University Hyderabad Kukatpally, Hyderabad-500 085 Telangana, India. Phone:Off:040-23156128, 040-23058729 Mobile:8008103809 Email Id: istdirectorjntuh@gmail.com , jayashreeanireddy@gmail.com
3. Year of Establishment	1989
4. Name of the Principal/Director (with qualification)	Prof. A Jayashree M.Sc, Ph.D Director of IST
5. Brief history about the College/Dept.	<p>Institute of Science & Technology is one of the prime autonomous, constituent academic unit of Jawaharlal Nehru Technological University Hyderabad and located within the JNTUH campus. The Institute had been established in 1989 with the vision of being recognized as a good teaching as well as research institute. Institute of Science & Technology offers post graduate and doctoral programmes in various fields of Science and Technology. The ten centers of IST, Centre for Bio-Technology, Centre for Chemical Sciences and Technology, Centre for Environment, Centre for Nano Sciences and Technology, Centre for Pharmaceutical Sciences, Centre for Spatial Information Technology, Centre for Water Resources, Centre for Earth, Atmosphere, Weather Modification Technologies, Centre for Alternative Energy Options, Centre for Innovative Research, strive with the mission of providing quality education, student centric teaching-learning processes and state of the art infrastructure for professional aspirants. Highly qualified and experienced faculty, excellent technical staff, enthusiastic student community and effective administration has contributed to the academic and scientific excellence of the Institute. Faculty are actively involved in executing several R&D projects sanctioned by national and international funding authorities publishing scientific papers and patents. Our research programmes consist of both basic and applied research in interdisciplinary areas with a commitment towards betterment of society and created its own identity by virtue of its academic and scientific excellence for the past three decades. IST has attained autonomous status and recognized as a well performing institution and was sanctioned with a grant of Rs. 12 crores from the Technical Education Quality Improvement Programme of the World Bank, TEQIP-I and 12.5 crores from TEQIP-II for overall development which includes up-gradation of infrastructural facilities, establishment of newer laboratories, faculty development, training and research activities in thrust areas.</p> <p>The Institute has been advancing progressively under the dynamic leadership of Prof. A. Jaya Shree, FRSC, FTAS., Director, Institute of Science & Technology who has 28 years of professional experience and an elected Fellow of professional bodies like Royal Society of Chemistry, London, UK, Telangana Academy of Sciences, Indian Chemical Society (ICS). Now the Institute is one of the very few Institutions in India to get TEQIP III project funding and to get identified as Mentor Institute by World Bank.</p> <p>Centres in IST : Centre for Biotechnology (CBT) Centre for Chemical Sciences & Technology (CCST) Centre for Environment (CEN) Centre for Nano Science and Technology (CNST) Centre for Pharmaceutical Sciences (CPS) Centre for Spatial Information Technology (CSIT) Centre for Water Resources (CWR) Centre for Earth, Atmosphere & Weather Modification Technology (CEA & WMT)</p> <p>Research Centres: Centre for Alternative Energy Options (CAEO) Centre for Innovative Research (CIR)</p>

2. Number of faculty members (Designation wise and Department wise):

Name of the Department/Centre	Professors		Associate Professors		Assistant Professors		Total No. of Faculty Members
	Male	Female	Male	Female	Male	Female	
Permanent Faculty							
Director & Head CCST	-	01	-	-	-	-	01
CPS	01	01	-	-	-	02	04
CNST	01	-	-	-	-	01	02
CEN	01	02	-	-	-	01	04
CBT	-	-	-	01	01	01	03
CSIT	02	-	01	-	-	-	03
CWR	01	01	01	-	-	-	03
Total Permanent Faculty							19
Ad-Hoc Faculty	Academic Assistant			Academic Advisor		Total No. of Adhoc Faculty	
Name of the Department/Centre	Male	Female	Male	Female			
CCST	05	03	01	-	09		
CPS	01	04	-	-	05		
CNST	04		-	-	04		
CEN	01	01	-	-	02		
CBT	04	04	-	-	08		
CSIT	02	01	01	-	04		
CEA&WMT	-	-	01	-	01		
Total Ad-Hoc Faculty							33
Total No. of Faculty of College/Unit (Permanent Faculty = 19 nos. + Adhoc Faculty=33nos =52)							52

3. Number of Students on rolls totaling all years: Not Applicable

Name of the Department /Centre	B.Tech.	IDP (B.Tech + M.Tech)	IDP (B.Tech + M.B.A)	Total No. of Students

(2015 Batch IIIrd&IVth Semester, 2016Batch Ist & IInd Semester Total students on rolls)

Name of the Department /Centre	Name of the Specialization	M.Tech.	M.C.A.	M.B.A.	M.Sc.	M.Pharm.	Total No. of Students
Centre for	Chemical Technology	25	-	-	-	-	

chemical sciences and Technology	Organic Chemistry	-	-	-	37	-	502 Students
	Analytical Chemistry	-	-	-	32	-	
Centre for Pharmaceutical Sciences	Pharmaceutical Analysis and Quality Assurance	-	-	-	-	33	
	Pharmaceutics	-	-	-	-	34	
	Pharmacognosy	-	-	-	-	26	
Centre for Nano Science and Technology	Nano Technology	29	-	-	-	-	
	Nano Electronics and Photonics	16	-	-	-	-	
Centre for Environment	Environmental Management	38	-	-	-	-	
	Environmental Geomatics	33	-	-	-	-	
Centre for Biotechnology	Biotechnology	26	-	-	-	-	
	Biochemical Engineering	03	-	-	-	-	
	Biotechnology	-	-	-	35	-	
	Microbiology	-	-	-	39	-	
Centre for Spatial Information Technology	Spatial Information Technology	29	-	-	-	-	
	Geomatics and Surveying and Technology	26	-	-	-	-	
Centre for Water Resources	Water and Environmental Technology	41	-	-	-	-	

4. Details of Patents Applied/Awarded:

S. No.	Name of the Department/Centre	Name of the Faculty Member	Details of Patent Applied/Awarded
1	Centre for Chemical Sciences & Technology	Dr. Jaya Shree Anireddy	Novel 1,2,3-triazole etodolac hybrid compounds, process for preparation and activity. K. Applied through Government of India Patent office with application No. TEMP/E-1/22234/2016-CHE, 09/07/2016
2	Centre for Chemical Sciences & Technology	Dr. Jaya Shree Anireddy	Isolation, characterization and biological evaluation of novel components of <i>plectranthus bishopianus</i> as potent antimicrobial, antioxidant and cytotoxic agents. Applied through Government of India Patent office with Application No. TEMP/E-1/22237/2016-CHE, 09/07/2016

3	Centre for Chemical Sciences & Technology	Dr. Jaya Shree Anireddy	Novel fluoroquinolone compounds, Process for preparation and activity Applied through Government of India Patent office with Application No. TEMP/E-1/14125/2016-CHE, 05/05/2016
4	Centre for Environment	Dr. V. Himabindu	Electro oxidation treatment for the enhancement of dark fermentative Hydrogen production from distillary spent wash, Patent filed No. 201744020362, Dated: 10/06/2017
4	Centre for Nano Science and Technology	Dr. K. Venkateswara Rao	Development of Low Temperature Gas Sensors by Microbial Biofilms with Ferrite Nanomaterials SERB-DST , 2016 Patent filed No:201641014645 TEMP/E-1/131302016-CHE
5	Centre for Nano Science and Technology	Dr. K. Venkateswara Rao & Dr. Ch. Shilpa Chakra	Development of artificial ripening agent for ripening of Fruits natural way 2016 Patent filed No: TEMP/E-1/24556/2016-CHE
6	Centre for Nano Science and Technology	Dr. Ch. Shilpa Chakra & Dr. K. Venkateswara Rao	Study of green synthesized nanomaterials for seed germination 2017 Patent filed No: E-106/361/2017/CHE
7	Centre for Water Resources	Dr.M.V.S.S. Giridhar	A Patent Titled “Replenishing Aquifers with Excess Surface Flows above Fsl of Canals/ Tanks/ Lakes through Filter Coupled Recharge Shaft” with application number 6710/CHE/2015 A published in gazette dated 15/01/2016, Patent applied.
8	Centre for Water Resources	Dr.M.V.S.S. Giridhar	A Patent Titled “Application of Geo Membrane Sheet In The Rain Water Harvesting Structures” with application number 640/CHE/2015 A published in gazette dated 24/04/2015

5. Details of Newly Awarded Research Projects:

S. No.	Name of the Department /Centre	Name of the Principal Investigator (s)	Details of the Project	Duration of the Project	Sanctioned by agency	Sanctioned Amount (Rs. In Lakhs)
1	Centre for chemical sciences and Technology	Dr.V.Jyothi	Design,Synthesis & development Of E7010 Phenastatin based new class of anticancer agents and their biological Evaluation.	From 2017	DST-WOS-A	28 Lakhs
2	Centre for Environment	Dr. V. Himabindu	Cost effective and novel treatment method development for the remediation and reuse of pesticide industrial waste water	2017-2019	DST	21.07 Lakhs

3	Centre for Environment	Dr. Ch. Sasikala	Biodegradation of Pharmaceuticals and Personal Care products (PPCPs): PPCP degrading bacterial diversity and their potential application in the waste water treatment.	2 years (Feb 2017-Feb 2019)	UGC midcareer award grant	10 Lakhs
4	Centre for Nano Science and Technology	Dr. K. Venkateswara Rao	Development of Gas sensors by Ferrite nanomaterials with microbial biofilm.	3 Years	DST-SERB	37.40 Lakhs
5	Centre for Nano Science and Technology	Dr. K. Venkateswara Rao	Raman Fellowship for Post Doctoral Research for Indian Scholars in Johns Hopkins University, United States of America.	2016-17 (1 Year)	UGC	25.13 Lakhs
6	Centre for Water Resources	Dr.M.V.S.S.G iridhar	Drinking Water Augmentation to SC Communities in fluoride effected area of Nalgonda district through rain water conservation	2 years	NRDMS DST, New Delhi	5.52 Lakhs
7	Centre for Water Resources	Dr.M.V.S.S.G iridhar	A novel approach for reduction of fluoride concentration in fluoride affected village with geo-textile as filter and direct recharge of surplus runoff into aquifers	1 years	TSCOST & DST	8.5 Lakhs
8	Centre for Water Resources	Dr.M.V.S.S.G iridhar	Technical report on augmentation of groundwater through rainwater/surface runoff harvesting scheme in estate & factory area at Ordnance Factory Medak	1 years	Ordnance Factory	11.75 lakhs

6. Details of Ongoing Research Projects:

S.No	Name of the Department /Centre	Name of the Principal Investigator(s)	Details of the Project	Duration of the Project	Sanctioned by agency	Sanctioned Amount (Rs. In Lakhs)
1	Centre for chemical	Dr.Sadananda m Palle	Design, Synthesis and Biological Evaluation	2014-17 3years	DST-SERB	31.5 Lakhs

	sciences and Technology		of small molecule antimetabolic agents with DNAs Damaging Properties”			
2	Centre for chemical sciences and Technology	Prof. Anireddy Jayashree	Funds for Improvement of Science & Technology	2014-2019	DST-FIST	45.00 Lakhs
	Centre for chemical sciences and Technology	Prof. Anireddy Jayashree	Synthesis of heterocyclic compounds mediated by Pd/C catalyst and evaluation of their biological activity	2016-2017	TEQIP II	7 Lakhs
	Centre for chemical sciences and Technology	Prof. Anireddy Jayashree	Design and synthesis of anti-mitotic agents and their derivatives	2016-2017	TEQIP II	7 Lakhs
4	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	Synthesis, Characterization And Pharmacological Evaluation Of Silver Nanoparticles Synthesized Using Medicinal Plants	2013-2016	DST-SERB	39.90 Lakhs
5	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	Funds for Improvement of Science & Technology	2014-2019	DST-FIST	55.00 Lakhs
6	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	Design, Microwave synthesis of novel Angiogenesis Inhibitors As Potential DNA Intercalators	2013-2017	UGC-MRP	14.35 Lakhs
7	Centre for Nano Science and Technology	Dr. K. Venkateswara Rao	Development of Gas sensors by Ferrite nanomaterials with microbial biofilm.	3 Years	DST-SERB	37.40 Lakhs
8	Centre for Environment	Dr. T. Vijaya Lakshmi	Development of the frame work for networking programme on “Village Information programme” Under NRDMS	2015-2018	NRDMS-DST	Rs 26.20 Lakhs
9	Centre for Environment	Dr. T. Vijaya Lakshmi	3-Weeks Training Programme on Geospatial Technologies and Applications	2016	NRDMS-DST	10 Lakhs
10	Centre for	Dr. Ch. Sasikala	Biodegradation of Pharmaceuticals and	2 years (Feb 2017-	UGC midcare	10 Lakhs

	Environment		Personal Care products (PPCPs): PPCP degrading bacterial diversity and their potential application in the waste water treatment.	Feb 2019)	er award grant	
11	Centre for Environment	Dr. Ch. Sasikala	Marine anaerobic bacterial diversity for the production of antimicrobials	2013-2017	Mo ES	40 Lakhs
12	Centre for Environment	Dr. Ch. Sasikala	Ecology of Halo-Anoxygenic phototrophic bacteria of marine habitats of Gujarat	2014-2017	Mo ES	47.45 Lakhs
13	Centre for Environment	Dr. V. Himabindu	Development of PEM, AEM and Alkaline water electrolyzers for Hydrogen production	2014-2017	BARC-BRNS Project	33.95 Lakhs
13	Centre for Environment	Dr. V. Himabindu	Development of PEM, AEM and Alkaline water electrolyzers for Hydrogen production	2014-2017	BARC-BRNS Project	33.95 Lakhs
14	Centre for Environment	Dr. V. Himabindu	Biodiesel production from lipid-producing microalgae using industrial CO ₂ emissions and sewage	2015-2017	DST-NPCS	23.32 Lakhs
15	Centre for Environment	Dr. V. Himabindu	Cost effective and novel treatment method development for the remediation and reuse of pesticide industrial waste water	2017-2019	DST	21.07 Lakhs
	Centre for Environment	Dr. V. Himabindu	Hydrothermal treatment (HTC) of waste biomass (bio solids in waste water treatment plants, Algae, Organic portion of MSW/ Kitchen waste, Vegetable Market waste etc) and Pyrolysis / Terrafaction treatment for Bio-char / Bio-oil / Syn gas production using dry biomass	2016-2017	TEQIP	2.25 Lakhs

			(Garden waste)			
	Centre for Environment	Dr. V. Himabindu	i) Acid recovery from industrial waste water ii) Treatment of electroplating industrial waste water iii) Bio-hydrogen production from distillery spent wash iv) Nano carbon production using industrial VOC emissions from tyre pyrolysis unit	2016-2017	TEQIP-II	2.9 Lakhs
	Centre for Environment	Dr.M.Anj Reddy &	GST for forest information system	2016-2017	TEQIP-II	2.38 lakhs
	Centre for Environment	Dr. T. Vijayalakshmi	GST for hydrological information system``	2016-2017	TEQIP-II	2.48 lakhs
	Centre for Environment	Ch. Sasikala	Bacterial hopanoids as chemotaxonomic markers: A study on the genus <i>Rhodovulum</i>	2016-2017	TEQIP-II	2.0 lakhs,
	Centre for Environment	Ch. Sasikala	Petroleum hydrocarbon (PTH) degrading bacterial diversity and their potential application in bioremediation of petroleum contaminated sites	2016-2017	TEQIP-II	2.0 lakhs,
16	Centre for Biotechnology	Dr.A.Uma	Commercialization of sweet sorghum as a complimentary feed stock for ethanol production in the sugar mills of Maharashtra , Tamil Nadu and Gujarat	3 Years	DBT	5.25 Lakhs
17	Centre for Biotechnology	Dr.A.Uma	Consortium for development of Sustainable Advanced Lignocellulosic	5 years	Indo Us Joint Clean Energy	86.43 Lakhs

			Biofuel Systems.		Research and Development Centre	
18	Centre for Biotechnology	Dr.A.Uma	Development of sorghum genotypes suitable for lignocellulosic biofuel production through marker-assisted gene pyramiding of brown midrib genes	3 years	DBT	14.28 Lakhs
19	Centre for Biotechnology	Dr.A.Uma	Bioprocess optimization for selective delignification and generation of monomeric fermentable sugars via hydrolysis of lignocelulosic biomass for producing biofuels and value added products	3 Years	HPCL	42.84 Lakhs
20	Center for biotechnology	Dr.Archana Giri	Biochemical elucidation of Centenella asiatica leaf epidermone cloning and over expression of the genes involved in the production of pharmaceutically important centellosides	3years	DST SERB	32,47000 ONGOING
21	Centre for Biotechnology	Dr. Archana Giri	Production of high value recombinant protein adiponectin in plant cell culture a biopharming initiative	3 Years	UGC	9.22 Lakhs
22	Centre for Spatial Information Technology	J. Venkatesh	Design and Development of Attitude Determination Control System (ADCS) for Micro Satellite.	2 years	TEQIP	3.40 Lakhs
23	Centre for Spatial Information	Dr. K. Manjula Vani	Geographically customizing public infrastructure of smart city on three	2 years	TEQIP	2.97 Lakhs

	Technology		dimensional backgrounds			
24	Centre for Spatial Information Technology	Dr.R.S.Dwivedi	Assessment of soil carbon sequestration using Remote sensing and eco system modelling.(EMR/2016/005182) 27-05-2017	2 years	DST	48 Lakhs
25	Centre for Spatial Information Technology	Dr.R.S.Dwivedi	USERS Project for authoring a book (UR/SB/07/2013)	2 years	DST	9.6 Lakhs
26	Centre for Water Resources	Dr.M.V.S.S. Giridhar	Validation of hyper-spectral remote sensing based drought assessment through water balance and geomatic approach	3 Years	AICTE, RPS, New Delhi	10.91 Lakhs
27	Centre for Water Resources	Dr.B.Venkateswara Rao	Application of Resistivity Imaging for the delineation of kaolinised zones to contain water well failures in the khondalitic terrain 2013 to 2016	2013-2016	DST	19.93 Lakhs
28	Centre for Water Resources	Dr.B.Venkateswara Rao	Application of Deep 3D Resistivity Imaging at pairs of success and failed wells to characterize the aquifers in granitic and basaltic terrain	2016-2017	TEQIP-II	4.8 Lakhs

7. Details of Consultancy Works Undertaken:

S.No.	Name of the Department	Name of the Faculty	Details of Consultancy Work	Revenue Generated
1	Centre for Water Resources	Dr.B.Venkateswara Rao	Identification of various shallow layers in Alladurgh, Medak District in 2016 using Ground Penetrating Radar	15,000
2	Centre for Water Resources.	Dr.B.Venkateswara Rao	Identification of water well points using Resistivity Imaging at Vemula village, Jadcherla Mandal, Mahabubnagar district in 2016.	15,000

3	Centre for environment	Dr. M. Anjireddy	Survey of Defence lands under the management of Ordinance factory at Chandrapur, Sponsored by MOD, Sc, Pune	17,15, 838/-
4	Centre for environment	Dr. M. Anjireddy	Survey of Defence lands under the management of Ordinance factory at Bhandara, Sponsored by MOD, Sc, Pune	14,20,405 /-
5	Centre for environment	Dr. V. Himabindu	Water analysis 2016-2017	50,000/-
6	Centre for Nano Science and Technology	Dr. K.Venkateswara Rao	XRD, PSA, UV-Visible	22,250

8. Academic Distinctions/Awards/ Prizes Received by the Faculty (Please attach photos if possible):

S. No	Name of the Department/Centre	Name of the faculty	Designation	Title of the Academic Distinctions / Awards/ Prize	Awarded by
1	Centre for chemical sciences and Technology	Dr.A.Jaya Shree	Professor	Fellow- Royal Society of Chemistry, London, UK	Royal Society of Chemistry, London, UK 2017
2	Centre for chemical sciences and Technology	Dr.A.Jaya Shree	Professor	State Award for Meritorious Teacher (Best Teacher Award)	State Government of Telangana 2016
3	Centre for chemical sciences and Technology	Dr.A.Jaya Shree	Professor	Elected as Fellow of Telangana Academy of Sciences	Telangana Academy of Sciences, Telangana State.
4	Centre for chemical sciences and Technology	Dr.A.Jaya Shree	Professor	Bharat Shiksha Ratan Award	Global Society for Health & Educational Growth, New Delhi. 2016
5	Centre for chemical sciences and Technology	Dr.A.Jaya Shree	Professor	Biographical-Note	Asia/Pacific Who's Who, Vol XV, 2016

6	Centre for Nano Science and Technology	Dr. K. Venkateswar a Rao	Professor	Raman fellow For Post Doctoral Research .2016	UGC, Govt.of India, New Delhi 
	Centre for Nano Science and Technology	Dr. K. Venkateswar a Rao	Professor	Highly Cited Research	ELSVIER- MaterialScience in semiconductor processing 
7	Centre for Nano Science and Technology	Dr. K. Venkateswar a Rao	Professor	Laboratory Award For Best Technical Paper	
8	Centre for Nano Science and Technology	Dr. Ch. Shilpa Chakra	Assistant Professor	Young Faculty Award 2016	VIFA,(Venus International Foundation) Chennai. 
9	Centre for Environment	Dr. Ch. Sasikala	Prof. & BoS Chair person	State award for Merritorious teachers (Best Teacher Award)	Govt. of Telangana
10	Centre for Environment	Dr. Ch. Sasikala	Prof. & BoS Chair person	UGC Midcareer award	UGC
11	Centre for Environment	Dr. Ch. Sasikala	Prof. & BoS Chair person	AMI Prof BN Johrii award for Microbial diversity- 2016	Association of Microbiologists of India
12	Centre for Biotechnology	Dr. A.Uma	Assistant Professor	Women in Education Award	National Education Awards
13	Centre for Water Resources	Dr.B.Venkat eswara Rao	Professor	INSA Teachers Award - 2016 by Indian National Science Academy	Indian National Science Academy
14	Centre for Water Resources	Dr.B.Venkat eswara Rao	Professor	AEG – Data Code Sriram Srinivasan Award - 2016	Association of Exploration Geophysicts
15	Centre for	Dr.B.Venkat	Professor	Elected as President for	Association of

	Water Resources	eswara Rao		Association of Global Groundwater Scientists (AGGS) for the term 2016-19.	Global Ground water Scientists
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9. Prestigious Assignments Received by Faculty:

Name of the Department/ Centre	Name of the faculty	Designation	Prestigious Assignment	Received from
Centre for chemical sciences and Technology	Dr.A.Jaya Shree	Professor	Expert committee member for project evaluation	TSCOST
Centre for Nano Science and Technology	Dr. K. Venkateswara Rao	Professor	Raman Fellow (PDF)2016	UGC, Govt. of India New Delhi.
Centre for environment	Dr. V. Himabindu	Professor	Advisr member for purchase commity 2016	TSPCB


9. List of Books Published by Faculty:

Name of the Department/ Centre	Name of the faculty	Designation	Title of the Book and ISBN	Name of the Publisher
Centre for chemical sciences and Technology	Dr.A.Jaya Shree	Professor	Trend Setting Innovations in Chemical Sciences & Technology-Nature Inspired Chemical Engineering (TSCST-NICE 2016)	Spectrum Publications
Centre for Nano Science and Technology	Dr. K. Venkateswara Rao Dr.Ch. Shilpa Chakra	Professor Assistant Professor	Nano composite: synthesis, characterization and gas sensor application 2016 978-3-659-87557-1	Lambert Academic Publisher (LAP)
Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Assistant Professor	Hydrothermal synthesis of Cu Nano particles :Antibacterial application. 2016 978-3-659-80573-8	Lambert Academic Publisher(LAP)
Centre for Spatial Information Technology	Dr. R.S.Dwivedi,	Academic Advisor	Remote Sensing of Soil 978-3-662-53738-1	Springer Verlap Germany

Centre for Water Resources	Dr.M.V.S.S. Giridhar	Associate Professor	Proceedings of 3 rd National conference on Water, Environment and Society organized by CWR, IST, JNTUH on 6 th – 8 th June 2016 Published by BS Publications , ISBN: 978-98-5230-124-9	BS Publications
Centre for Water Resources	Dr.M.V.S.S. Giridhar	Associate Professor	Proceedings of 4 th National conference on Water, Environment and Society organized by CWR, IST, JNTUH on 16 th – 18 th March 2017 Published by BS Publications, ISBN: 978-93-5230-182-9	BS Publications
Centre for Water Resources	Dr.B.Venkateswara Rao	Professor	Edited Procs. of the First Indian National Groundwater Conferenc (INGWC-2016) October -2016 on Sustainable Development and Management of Groundwater Resources in Arid and Semi-Arid Regions, B.S. Publications, ISBN: 479 p.	BS Publications
Centre for Water Resources	Dr.M.V.S.S. Giridhar	Associate Professor	AN ENVIRONMENTALLY SOUND APPROACH FOR SUSTAINABLE RAINWATER HARVESTING	Elsever
Centre for Water Resources	Dr.M.V.S.S. Giridhar	Associate Professor	<i>Spatial decision support system for ground water quality management at village Level using geomatics</i>	Springer book series title <i>Water Science and Technology Library.</i>

10. Overseas Visits by Faculty Members (Please attach photos if possible):

Name of the Department/ Centre	Name of the Faculty	Designation	Purpose of Visit	Place of Visit
Centre for chemical sciences and Technology	Prof. A. Jaya Shree	Professor	Training program on nano materials and cancer research	Johns Hopkins medical University, USA
Centre for chemical sciences and Technology	Prof. A. Jaya Shree	Professor	Universities visit	Egypt
Centre for Nano Science	Dr. K. Venkateswara	Professor	PDF	USA

and Technology	Rao			
Centre for Environment	Dr. Ch. Sasikala	Professor	International conference on Environmental science and Technology2016	at Houston, USA, 6th to 10 th June, University of Connecticut. 20-06- 2016.
Centre for Environment	Dr. Ch. Sasikala	Professor	Visit to the labs and interaction with faculty, Dr. Mark G. Nielson, Professor and Chair of Department of Biology and Dr. Y. Sun, Assistant Professor	at University of Dayton, 11-6-2017
Centre for Environment	Dr. Ch. Sasikala	Professor	Visit to the labs and advanced analytical facilities of the university and interaction with Dr. Sorial	at university of Cincinnati, 13-6- 2017.
Centre for Environment	Dr. Ch. Sasikala	Professor	Visit to US Environmental Protection Agency	Cincinnati, USA. Visit to the research labs and interaction with Dr. Sahle- DEmessie and with Dr. Nadagowda, 13-6-2017
Centre for Environment	Dr. Ch. Sasikala	Professor	Invited talk Boston, and Interaction with Dr. Edgar Goluch and with the lab of Dr. Slava Epsein, who works on high throughput methods for isolation of bacteria, including uncultured bacteria.	at Northeastern University (Department of chemical Engineering), 14 &15 -6-2016
Centre for Biotechnology	Dr.A.Uma	Assistant Professor & Head	Training	Bangalore
Centre for Biotechnology	Dr. A.Uma	Assistant Professor & Head	Training	University Of Florida,USA
Centre for Biotechnology	Dr. L.Saida	Assistant Professor & Addl Controller of Exminations	Training	Windsor university Canada

Center for bioechnology	Dr. Archana Giri	Associate professor	Board of examiners meeting	Harare Inst of Technology Zimbabwe
Centre for Biotechnology	Dr. Archana Giri	Associate Professor	Training	University of Dortmund, Germany
Centre for Spatial Information Technology	Dr. K. Manjula Vani	Professor	Paper presentation	Denmark & Germany
Centre for Spatial Information Technology	Dr. K. Manjula Vani	Professor	Study tour	Sweden
Centre for Water Resources	Dr.B.Venkateswara Rao	Professor	Dr.B.Venkateswara Rao attended an International Conference on Water Resource and Environment (WRE 2016) Wuhan Bosheng Xueshu Jiaoliu Co. Ltd., China in July 23-26, 2016.	China
Centre for Water Resources	Dr.M.V.S.S. Giridhar	Associate Professor	Dr.MVSS.Giridhar attended a “37 th Asian conference on Remote sensing-promoting spatial data infrastructure for sustainable economic development” conducted on 17 th -21 st October 2016 Colombo Srilanka	Colombo, Srilanka

11. Faculty Awarded with Ph.D. Degree:

S.No	Name of the Department/Centre	Name of the Faculty Member	Title of Ph.D. Thesis	Month and Year of Award
1	Centre for Nano Science and Technology	Dr. Ch. Shilpa Chakra	Study of Functionalized Metal / Metal Oxide Nanocomposites for Biomedical Applications	June, 2016
2	Centre for Nano Science and Technology	Dr. Ch. Ashok	Synthesis and Characterization of Metal Oxide Nanoparticles for the	January ,2017

			Application of Humidity Sensors.	
3	Centre for Biotechnology	Musini Anjaneyulu	Studies on antioxidant anticancer and antibacterial activities of salacia oblonga wall and isolation of potential bioactive compounds	20.06.2016

12. Ph.D. Scholars Guided by the Faculty:

S. No	Name of the Department/Centre	Name of the Faculty	No. of Ph.D. Scholars Guided
1	Centre for chemical sciences and Technology	Dr.A.Jaya Shree	01
2	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	04
3	Centre for Pharmaceutical Sciences	Dr.M.Ajitha	04
4	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	02
5	Centre for Nano Science and Technology	Dr. K. Venkateswara Rao	07
6	Centre for Environment	Dr. T. Vijayalaksmi	03
7	Centre for Environment	Dr. M Anji Reddy	03
8	Centre for Environment	Dr. Ch. Sasikala	01
9	Centre for Environment	Dr. V. Himabindu	04
10	Centre for Biotechnology	Dr. Archana Giri	03
11	Centre for Biotechnology	Dr. A.Uma	02
12	Centre for Spatial Information Technology	Dr. K. Manjula Vani	01
13	Centre for Water Resources	Dr.K.Rama Mohan Reddy	01
14	Centre for Water Resources	Dr.B.Venkateswara Rao	02
15	Centre for Water Resources	Dr.M.V.S.S.Giridhar	01

13. Details of Conferences/Seminars/Workshops Organized by Faculty:

S. No.	Name of the Dept./Centre	Name of the Organizing Faculty	Nature of the Event (National Conference, Workshop etc)	Title of the Event	Venue	Date(s)on which Event Organized
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1	Centre for Chemical Sciences and Technology	Dr.A.Jaya Shree	International Conference	Trend Setting Innovations in Chemical Sciences & Technology- Nature Inspired Chemistry and Engineering (TSCST-NICE 2016)	CCST/JNTUH	4 th to 6 th October 2016
2	Centre for Chemical Sciences and Technology	Dr.A.Jaya Shree	Work Shop	Green Synthesis and Practical Rheology	CCST/JNTUH	July 19 th 2016
3	Centre for Chemical Sciences and Technology	Dr. A. Jaya Shree	Work Shop	Science and Technology, Present Scenario, Dedicated to Dr. APJ Kalam, as part of Science Day Celebrations	CCST/IST	February 29 th 2016
4	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	National Conference	Trend Setting Innovation in Pharmaceutical Sciences(TIPS-2016)	JN auditorium JNTUH	18 th to 19 th July 2016
5	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	International Conference	Pharmaceutical Education Academia Relation to Industry Current Scenario(PEAR	JN Auditorium JNTUH	March 17 th to 18 th 2017
6	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	Workshop	Two day National Workshop on "Recent advancements for bloom of youth in pharma and nano (tin)	IST Seminar Hall, JNTUH	17 th to 18 th June 2016
7	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	Workshop	One Day Hands on Training Workshop on Zeta Sizer, Auto Analyzer, HPLC (ZEAL)	IST Seminar Hall, JNTUH	25 th July 2016
8.	Centre for Pharmaceutical Sciences	Dr.M.Ajitha	Workshop	Two Day National Workshop on Applications of Advanced	IST Seminar Hall, JNTUH	August 16 th to 17 th 2016

				Analytical Techniques in Pharmaceutical Sciences and Nanotechnology (AATPN)		
9.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	National Conference	Recent advances in Pharmaceutical industry and drug development (RAPID)	JN Auditorium JNTUH	21 st to 22 nd July 2017
10	Centre for Nano Science and Technology	Dr. K. Venkateswara Rao Dr. Ch. Shilpa Chakra	SCNM (Short term Course)	Synthesis & Characterization of Nano Materials	JNTUH	March 14 th to 18 th , 2016
11	Centre for Nano Science and Technology	Dr. Ch. Shilpa Chakra	TIN-PNW-2016 (Two day National Workshop)	Recent Advancements For Bloom Of Youth Pharama And Nano	JNTUH	17 th to 18 th June 2016
12	Centre for Nano Science and Technology	Dr. Ch. Shilpa Chakra	AATPN-2016(Two day National workshop)	Applications Of Advanced Analytical Techniques In Pharmaceutical Sciences And Nano Technology	JNTUH	16 th to 17 th September 2016
13	Centre for Biotechnology	Dr.A.Uma	2016(A three day hands on training workshop)	Fermentative production of ethanol fro sweet sorghum juice.	JNTUH	March 2016
14	Centre for Biotechnology	Dr. L.Saida	International Conference	International Conference on Biotechnology & Bioengineering Trends	UGC- Auditorium	23 rd to 25 th March 2017
15	Centre for Spatial Information Technology	Dr. K. Manjula Vani	Conference	Sustainable urban paining	CSIT,IST	05 th July 2016
16	Centre for Water Resources	Dr.B.Venkateswara Rao	National Conference	National Conference (INGWC-2016)	UGC Auditorium , JNTUH	5 th to 7 th October 2016
17	Centre for Water Resources	Dr.M.V.S.S. Giridhar	National Conference	National Conference (NCWES-2016)	New IST Seminar Hall	6 th to 8 th June 2016
18	Centre for	Dr.M.V.S.S.	National	National	New IST	March

Water Resources	Giridhar	Conference	Conference (NCWES-2017)	Seminar Hall	16 th to 18 th 2017
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14. Details of Refresher Courses/Orientation Courses/ Extension Lectures/FDPs Conducted by Faculty:

S. No.	Name of the Dept./Centre	Name of the Organizing Faculty	Nature of the Event	Title of the Event	Venue	Date(s) on which Event Organized
1	Centre for chemical sciences and Technology	Dr.A.Jaya Shree	Refresher Course	“Challenges and opportunities in Chemistry and pharmacy current scenario” Sponsored by University Grants Commission as Course Coordinator as course	CCST/JNTUH	8-8-2016 to 30-8- 2016
2	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	Refresher Course	Challenges & Opportunities in Chemistry and Pharmacy Current Scenario	UGC Building, JNTUH	8/08/2016 to 30/08/2016
3	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	Refresher Course	Knowledge sharing enables and barriers in pharmaceutical research and development	UGC Building, JNTUH	28-11-2016 to 17-12-2016
4	Centre for Pharmaceutical Sciences	Dr.M.Ajitha	Refresher Course	Acquiring and improving the skills through pharmacy and Biotechnology	UGC Building, JNTUH	6/02/2017 to 27/02/2017
5	Centre for Environment	Dr. V. Himabindu	Training programme	Short term course on Biofuel Engineering	JNTUH	GIAN program under MHRD and JNTUH 11-15 th July 2016
6	Centre for Environment	Dr. V. Himabindu	Training programme	Short term course on Air Quality Measurements	JNTUH	GIAN program under MHRD and JNTUH 21 st – 25 th Nov, 2016.
7	Centre for Environment	Dr. V. Himabindu	Training programme	Short term course on Numerical	JNTUH	GIAN program under MHRD and JNTUH

				Modeling of Air Pollution through State-of-the-Art Modeling Systems		28 th Nov. – 02 nd Dec., 2016.
8	Centre for Environment	Dr. V. Himabindu	Training programme	Short term course on Air Quality Management: Quality Assurance and Data Analysis	JNTUH	GIAN program under MHRD and JNTUH 05 th -09 th Dec., 2016
9	Centre for Environment	Dr. V. Himabindu	Training programme	Short term course on Sustainability and Engineering	JNTUH	GIAN program under MHRD and JNTUH 13 th – 17 th Dec., 2016
10	Centre for Environment	Dr. T. Vijaya Lakshmi	Training programme	3 weeks training program on “Geospatial Technologies and its applications”	JNTUH	NRDMS/NSDI, JNTUH 8.12.2016 to 28.12.2016
11.	Center for Biotechnology	Dr. L. Saida	Refresher course	Challenges and opportunities in chemistry and pharmacy current scenario	JNTUH	UGC HRDC RCCB, JNTUH 8/8/2016 TO 30/8/ 2016
12.	Center for Biotechnology	Dr.A.Uma	Refresher course	Acquiring and improving the skills through phsrmscy & Biotechnology	JNTUH	UGC HRDC RCCB, JNTUH 06/02/2017 TO 25/02/ 2017

15. Details of Conferences/Seminars/Workshops Attended by Faculty (Please attach Photos for overseas events if possible):

S. No.	Name of the Dept./Centre	Name of the Attended Faculty	Nature of the Event (National Conference, Workshop etc)	Title of the Event	Venue	Date(s)on which Event Organized
1	Centre for Chemical Sciences and Technology	Dr.V.Jyothi B. F.Mathews K.Priyanka K.Bhagya sri A. Tejeswara rao P. Naveen, K. Bhaskar M.Sankaraiah	International Con ference	TSCST NICE	JN auditorium	4 th -6 th October 2016
2	Centre for Chemical	Dr.V.Jyothi B.F. Mathews K.Priyanka	work shop	The Green Synthesis and Practical	IST	July 19 th 2016

	Sciences and Technology	K.Bhagya sri A. Tejeswara rao P. Naveen, K. Bhaskar M.Sankaraih		Rheology		
3	Centre for Chemical Sciences and Technology	Dr.V.Jyothi B.F. Mathews K.Priyanka K.Bhagya sri A. Tejeswara rao P.Naveen, K. Bhaskar M.Sankaraih	Work Shop	Science and Technology, Present Scenario, Dedicated to Dr. APJ Kalam, as part of Science Day Celebrations	CCST/IST	February 29 th , 2016
4	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	International Conference (IPC)	68 th Indian Pharmaceutical Congress	Vizag	16 th to 18 th December 2016
5.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	International Conference	Pharmaceutical Education Academia Relation to Industry Current Scenario(PEAR)	JN Auditorium, JNTUH	March 17 th to 18 th 2017
6.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	International Conference	Indo Malayasian international	Malaya university	2016
7	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	National Conference	Trend Setting Innovation in Pharmaceutical Sciences(TIP S-2016)	JN Auditorium JNTUH	18 th to 19 th July 2016
	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	National Conference	Recent advances in Pharmaceutical industry and drug development (RAPID)	JN Auditorium JNTUH	21 st to 22 nd July 2017
8	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	National Conference	Trend Setting Innovation in Pharmaceutical Sciences(TIP S-2016)	JN Auditorium JNTUH	18 th to 19 th July 2016
9	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	International Conference (IPC)	68 th Indian Pharmaceutical Congress	Vizag	16 th to 18 th December 2016
	Centre for Pharmaceutical	Dr.S.Shobha Rani	National Conference	Recent advances in Pharmaceutical	JN Auditorium JNTUH	21 st to 22 nd July 2017

	Sciences			al industry and drug development (RAPID)		
10	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	International Conference	Pharmaceutical Education Academia Relation to Industry Current Scenario(PEAR)	JN Auditorium, JNTUH	March 17 th to 18 th 2017
11	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	Conference	Pharma Ayush 2k17 Recent trends in Pharmaceutical Sciences	Nalgonda Ramanand nagar	3 rd March 2017
12	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	International Conference (IPC)	68 th Indian Pharmaceutical Congress	Vizag	16 th to 18 th December 2016
13	Centre for Pharmaceutical Sciences	Dr.M.Krishna Mohan	Workshop	One Day Hands on Training Workshop on Zeta Sizer, Auto Analyzer, HPLC (ZEAL)	IST Seminar Hall, JNTUH	25 th July 2016
14	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	Workshop	Two day National Workshop on "Recent Advancements For Bloom Of Youth In Pharma And Nano (Tin)	IST Seminar Hall, JNTUH	17 th to 18 th June 2016
15	Centre for Pharmaceutical Sciences	Dr.M.Ajitha	Workshop	Two Day National Workshop on Applications of advanced Analytical Techniques in Pharmaceutical Sciences and Nanotechnology(AATPN)	IST Seminar Hall	August 16 th to 17 th 2016
16	Centre for	Dr.M.Ajitha	National	Recent	JN	21 st to 22 nd

	Pharmaceutical Sciences		Conference	advances in Pharmaceutical industry and drug development (RAPID)	Auditorium JNTUH	July 2017
17	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	workshop	One Day Hands on Training Workshop on Zeta Sizer, Auto Analyzer, HPLC (ZEAL)	IST Seminar Hall	25 th July 2016
18	Centre for Environment	Dr. Ch. Sasikala	Conference	International knowledge millennium conference 2016: “Accelerating Innovation.	HICC, Hyderabad	HICC, Hyderabad October 24 th -25 th October, 2016
19	Centre for Environment	Dr. Ch. Sasikala	International Symposium	International symposium on Microbes and Biosphere: What’s New and what’s Next”.	Guwahati University	Gawahati University 24 th -27 th November, 2016
20	Centre for Environment	Dr. Ch. Sasikala	International Symposium	International Symposium on “Microbial Resource Centres and Conservation of Microbial Diversity” and meeting of Asian Consortium for the Conservation and sustainable use of microbial Resources. (Dr. Ch. Sasikala)	ACM	ACM November 8 th -10 th November, 2016.
21	Centre for Environment	Dr. T. Vijaya Lakshmi	Workshop	Geospatial World Forum (GWF)	Hyderabad	DST, January, 23 rd to 25 th

						2017, Hyderabad
22	Centre for Environment	Dr. T. Vijaya Lakshmi	Conference	Conference on Geoinformatics for Natural Resource Management	Jamia Milia University, New Delhi,	Jamia Milia University, February 7 th –8 th February 2017
23	Centre for Environment	Dr. T. Vijaya Lakshmi	Conference	Conference on Environment, Urbanization & Bio Resources Management (NS-EUBRM)	Department of Environmental Sciences, Andhra University,	27 th –30 th June-2017 Vishakhapatnam
24	Centre for Environment	Dr. Ch. Sasikala	Conference	Participated and chaired a session at Indo-EU work shop on Microbial Electrochemical technologies.	CSIR-IICT, Hyd.	CSIR-IICT, 28.2.2017
25	Centre for Environment	Dr. Ch. Sasikala	Conference	Attended Round table conference on Sustainable industrial Development at Federation house, FAPCCI, Hyderabad	FAPCCI, Hyderabad	FAPCCI, 03.03.2017
26	Centre for Environment	Dr. V. Himabindu	symposium	Participated in DAE-BRNS symposium on two decades of ion beam analysis at 3MV Tandatron,	NCCCM, BARC, Hyderabad	NCCCM, BARC, 23 rd -24 th 2017,
25	Centre for Spatial Information Technology	J. Venkatesh	4 th National Conference	Water Environment and Society	IST	16 th to 18 th March 2017
27	Centre for Spatial Information	Dr. R.S.Dwivedi	4 th National Conference	Water Environment and	IST	16 th to 18 th March

	Technology			Society		2017
28	Centre for Spatial Information Technology	Ballu Harish	4 th National Conference	Water Environment and Society	IST	16 th to 18 th March 2017
29	Centre for Spatial Information Technology	V. Madhavi Supriya	4 th National Conference	Water Environment and Society	IST	16 th to 18 th March 2017
30	Centre for Nano Science and Technology	Dr. CH. Shilpa Chakra	International Conference	International conference on Materials Science & Technology	University of Delhi	01 st -04 th March,2016
31	Centre for Nano Science and Technology	Dr. K. Venkateswara Rao	International Symposium	14 th International Nanomedicine and drug delivery Symposium	JHU-USA	16 th – 18 th Sep, 2016
32	Centre for Nano Science and Technology	Dr. CH. Shilpa Chakra	National Conference-Chaired	3 rd Two-Day National Conference on Water, Environment & Society	CWR, IST, JNTUH	6 th -8 th June, 2016
33	Centre for Nano Science and Technology	Dr. CH. Shilpa Chakra	National Workshop	Recent Advancements For Bloom Of Youth In Pharma And Nano	CPS, IST, JNTUH	17 th & 18 th June 2016
34	Centre for Nano Science and Technology	Dr. CH. Shilpa Chakra	National Workshop	Applications of Advanced Analytical techniques in Pharmaceutical sciences and Nanotechnology	CPS, IST, JNTUH	16 th & 17 th Sep 2016
35	Centre for Nano Science and Technology	Dr. K. Venkateswara Rao Dr. CH. Shilpa Chakra	National Symposium	Two –Day national Symposium on Challenges and Opportunities of Pharmaceutical Research in Education and Industry	CNST & CPS, IST, JNTUH	11 th – 12 th March, 2016
36	Centre for Water Resources	Dr.M.V.S.S. Giridhar	International Conference	International Conference on Climate Change, Water, Agriculture and Food	ICRISAT, Patancheru	2 nd to 3 rd November 2016

				Security, IC CCWAFS- 2016 on 2 nd & 3 rd of November 2016 at ICRISAT, Hyderabad, India.		
37	Centre for Water Resources	Dr.B.Venkateswa ra Rao	International Conference	2016 International Conference on Water Resource and Environment (WRE 2016) Wuhan Bosheng Xueshu Jiaoliu Co. Ltd., China	Wuhan Bosheng Xueshu Jiaoliu Co. Ltd., China	July 23 rd to 26 th , 2016
38	Centre for Water Resources	Dr.B.Venkateswa ra Rao	Training Programme on 'Ground Penetrating Radar' GSSI, USA	Technical Training Programme on 'Ground Penetrating Radar' GSSI, USA	GSSI, USA	August 09 th to12 th 2016
39	Centre for Biotechnology	Dr.A.Uma	International R&D Conference	Conference on energy innovation- Today and Tomorrow, held in HP Green R&D Centre	Bengaluru	1. 14 th - 15 th Oct ober, 2016.
40	Center for Biotechnology	Dr. L Saida	International conference	TSCST	JNTUH	4-6 oct 2016
41	Center for Biotechnology	Dr. L Saida	International conference	ICBT 2017	UGC Auditorium	23-25 march 2017

Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	International Conference	Pharmaceutic al Education Academia Relation to Industry Current Scenario(PEA R)	JN Auditorium, JNTUH	March 17 th to 18 th 2017
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16. Details of Refresher Courses/Orientation Courses/ Extension Lectures/FDPs Attended by Faculty:

S. No.	Name of the Dept./Centre	Name of the Attending Faculty	Nature of the Event	Title of the Event	Venue	Date(s) on which Event Organized
1.	Centre for Pharmaceutical Sciences	Dr.M.Ajitha	Refresher Course	Acquiring and improving the skills through pharmacy and Biotechnology	UGC Building, JNTUH	6/02/2017 to 27/02/2017
2.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	Refresher Course	Knowledge sharing enables and barriers in pharmaceutical research and development	UGC Building, JNTUH	28-11-2016 to 17-12-2016
3.	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	Refresher Course	Acquiring and improving the skills through pharmacy and Biotechnology	UGC Building, JNTUH	6/02/2017 to 27/02/2017
4.	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	Guest Lecture	Care college of Pharmacy Warangal	Warangal	November 23 th 2016
5.	Centre for Environment	Dr. T. Vijaya Lakshmi	Refresher course	3 week Training program on on Geoinformatics for Natural Resource Management	Jamia Milia University, New Delhi,	January 13 th 2017
6.	Centre for Environment	Dr. T. Vijaya Lakshmi	Refresher course	3 week Training program on on Geoinformatics for Natural Resource Management	Aligarh Muslim University,	January 14 th 2017
7.	Centre for Environment	Dr. T. Vijaya Lakshmi	Training Programme	Attended Training Programme on “Space Technologies based tools and applications in Governance and Development”	NRSC, Hyderabad	6 th to 10 th March, 2017.
8	Centre for Environment	Dr. T. Vijaya Lakshmi	Guest lecture	CII Project presentation on Harithaharam at	CII-GBC, Hyderabad	April 5 th 2017.

				CII- GBC, Hyderabad		
9	Centre for Environment	Dr. T. Vijaya Lakshmi	Guest lecture	Global College of Engg., and Technology, as Chief Guest.	Global College of Engg., and Technology	April 12 th 2017.
10	Centre for Environment	Dr. T. Vijaya Lakshmi	Guest lecture	April, 22 nd Earth day celebration, at Madina College of Education, Hyderabad Guest of Honor	Nil	April 22 nd 2017.
11	Centre for Biotechnology	Dr.A.Uma	Training	Genetic Engineering Principles applications	Bangalore	24 th to 28 th May 2017
12	Centre for Biotechnology	Dr. A.Uma	Training	Training On genetic and metabolic engineering of <i>Bacillus subtilis</i> for D-Lactic acid	University Of Florida, USA	13 th to 20 th June 2016
13	Centre for Biotechnology	Dr. L.Saida	Training	On Bioprocess and modelling	Windsor university Canada.	20 th to 27 th June 2016.
14	Centre for Biotechnology	Dr. Archana Giri	Training	focused on metabolic engineering combinatorial synthesis	University of Dortmund, Germany	9 th to 13 th May 2016.
15	Centre for Nano Science and Technology	Dr. CH. Shilpa Chakra	International Training Program	International Winter School and Hands on Training Programme on Nano-bio techniques	IIT, Roorkee	9 th – 14 th Feb, 2016
16	Centre for Nano Science and Technology	Dr. K. Venkateswara Rao	International Training Program	Training program on Animal care and use	JHU-USA	18th Aug, 2016
17	Centre for water resources	Dr.M.V.S.S. Giridhar	Training programe	Hyperspectral remote sensing	NRSC	1. 8 th - 12 th August 2016.

17. Details of Research Papers Published:

S. No.	Name of the Dept./Centre	Name of the Faculty	Name of International/National Journal	Title of the Paper	Published Date
1.	Centre for Chemical Sciences and	Jaya Shree Anireddy	Journal of Heterocyclic	Copper-catalysed synthesis of N-	2017

	Technology		Chemistry	alkylated 2-(4-substituted-1H-1,2,3-triazol-1-yl)-1H-indole-3-carbaldehyde by step-wise and one-pot three-component Huisgen's 1,3-dipolar cycloaddition reaction	
2.	Centre for Chemical Sciences and Technology	Jaya Shree Anireddy	<i>Bioorganic & Medicinal Chemistry Letters</i>	Synthesis and α -glucosidase inhibition activity of dihydroxy pyrrolidines	2017
3.	Centre for Chemical Sciences and Technology	Jaya Shree Anireddy	<i>RSC Advances</i>	Design and synthesis of 1,2,3-triazole-etodolac hybrids as potent anticancer molecules	2017
4.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Journal of Heterocyclic Chemistry	A Green Synthesis of 2-Amino-4-(9H-carbazole-3-yl)thiophene-3-carbonitriles by a Step-wise and One-pot Three-component Gewald Reaction, early view	2017
5.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Journal of Heterocyclic Chemistry	p-TsOH-mediated, Versatile, and Efficient Approach for the Synthesis of Triazolyl-Carbazoles from Nitrovinylcarbazoles and Azide via 1, 3-Dipolar Cycloaddition,	2017
6.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Synthesis	An asymmetric synthesis of a drug candidate: Rosuvastatin calcium	2016
7.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Bioorganic & Medicinal Chemistry Letters,	Synthesis, molecular properties prediction and anticancer, antioxidant evaluation of new edaravone derivatives	2016
8.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Tetrahedron Letters	Design and synthesis of diaziridinyl quinone thiazole hybrids via nitrile sulfide cycloaddition reaction as a key step	2016
9.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	J. Chem. Sci.	An efficient synthesis of 8-substituted Odoratine derivatives by the Suzuki coupling reaction	2016
10.	Centre for chemical sciences and	Jaya Shree Anireddy	Medicinal Chemistry Research	Design, synthesis and biological activity evaluation of novel	2016

	Technology			pefloxacin derivatives as potential antibacterial agents	
11.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Journal of Chromatographic Science	Development and Validation of a Novel Stability-Indicating RP-HPLC Method for the Simultaneous Determination of Related Substances of Ketoprofen and Omeprazole in Combined Capsule Dosage Form	2016
12.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Journal of Chromatographic Science	Development and validation of a new stability indicating RPUPLC method for the quantitative determination of Bromfenac sodium and its impurities in an ophthalmic dosage form	2016
13.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Chromatographia	User friendly and efficient HPLC method development and validation for quantitative determination of Enalapril maleate and its impurities in Enalapril tablets	2016
14.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Oriental Journal of Chemistry	Synthesis of Novel 2-butyl-1H-benzo [4, 5] imidazo [1, 2-a] imidazo [4, 5-e] Pyridine-5-carbonitrile Derivatives and Evaluation of their Anticancer Activity	2016
15.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Der Pharma Chemica	L-Proline catalyzed one pot synthesis of novel 1,4-dihydro pyridine derivatives,	2016
16.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Rasayan J. Chem.,	Synthesis and anti-cancer activity of novel 3-aryl thiophene-2-carbaldehydes and their aryl/ heteroaryl chalcone derivatives	2016
17.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Analytical Chemistry an Indian Journal	Identification, isolation, characterization and quantification of a new impurity in Rosuvastatin calciumtablet dosage form	2016

18.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	J. Pharm. Sci. Rev. Res.,	Synthesis and Biological Evaluation of Novel 1,3,4-Thiadiazole Heterocyclic Derivatives as Novel Anti-Microbial Agents.	2016
19.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Rasayan J. Chem.,	Development and validation of a stability indicating RP-HPLC method for the estimation of erlotinib impurities by qbd approach	2016
20.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Medicinal Chemistry Research,	Design, synthesis and biological activity evaluation of novel pefloxacin derivatives as potential antibacterial agents,	2016
21.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Rasayan J. Chem	Synthesis and anti-cancer activity of novel 3-aryl thiophene-2-carbaldehydes and their Aryl/heteroaryl chalcone derivatives	2016
22.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Russian Journal of General Chemistry	Synthesis of Novel 2,4,6-Trisubstituted Pyrimidine Derivatives and Their in vitro Antimicrobial Activity	2016
23.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Patent	Isolation, characterization and biological evaluation of novel components of plectranthus bishopianus as potent antimicrobial, antioxidant and cytotoxic agents	2016
24.	Centre for chemical sciences and Technology	Jaya Shree Anireddy	Patent	Novel 1,2,3-triazole-etodolac hybrid compounds, process for preparation and activity	2016
25.	Centre for chemical sciences and Technology	B. Sreenivasulu	Monatshefte fur Chemie	Synthesis and biological evaluation of benzimidazole fused ellipticine derivatives as anticancer agents	2016
26.	Centre for chemical sciences and Technology	Jyothi Vantikommu	Current Bioactive Compounds	Synthesis and Biological Evaluation of Pyrazole amides fused Combretastatin Derivatives as Anticancer Agents	2017

27.	Centre for chemical sciences and Technology	Tejeswara Rao Allaka	Bioorganic & Medicinal Chemistry Letters	Synthesis, molecular properties prediction and anticancer, antioxidant evaluation of new edaravone derivatives	2016
28.	Centre for chemical sciences and Technology	Tejeswara Rao Allaka	Medicinal Chemistry Research	Design, synthesis and biological activity evaluation of novel pefloxacin derivatives as potential antibacterial agents	2016
29.	Centre for chemical sciences and Technology	A.Tejeswara Rao	Rasayan J. Chem.	Synthesis and anti-cancer activity of novel 3-aryl thiophene-2-carbaldehydes and their aryl/ heteroaryl chalcone derivatives	2016
30.	Centre for chemical sciences and Technology	Naveen Polkam	<i>RSC Advances</i>	Design and synthesis of 1,2,3-triazole–etodolac hybrids as potent anticancer	2017
31.	Centre for chemical sciences and Technology	Naveen Polkam	Bioorganic & Medicinal Chemistry Letters,	Synthesis, molecular properties prediction and anticancer, antioxidant evaluation of new edaravone derivatives,	2016
32.	Centre for chemical sciences and Technology	Naveen Polkam	Medicinal Chemistry Research	Design, synthesis and biological activity evaluation of novel pefloxacin derivatives as potential antibacterial agents,	2016
33.	Centre for chemical sciences and Technology	Naveen Polkam	Patent	Isolation, characterization and biological evaluation of novel components of plectranthus bishopianus as potent antimicrobial, antioxidant and cytotoxic agents	2016
34.	Centre for chemical sciences and Technology	Naveen Polkam	Patent	Novel 1,2,3-triazole-etodolac hybrid compounds, process for preparation and activity	2016
35.	Centre for chemical sciences and Technology	Malthum Shankaraiah	Oriental Journal of Chemistry	Synthesis of Novel 2-butyl-1H-benzo [4, 5] imidazo [1, 2-a] imidazo [4, 5-e] Pyridine-5-carbonitrile Derivatives and Evaluation of their Anticancer Activity,	2016
36.	Centre for chemical sciences and	M. Shankaraiah	Rasayan J. Chem.,	Synthesis and anti-cancer activity of novel 3-aryl	2016

	Technology			thiophene-2-carbaldehydes and their aryl/ heteroaryl chalcone derivatives	
37.	Centre for chemical sciences and Technology	BhaskarKummari	<i>RSC Advances</i>	Design and synthesis of 1,2,3-triazole-etodolac hybrids as potent anticancer molecules	2017
38.	Centre for chemical sciences and Technology	BhaskarKummari	Patent	Novel 1,2,3-triazole-etodolac hybrid compounds, process for preparation and activity	2016
39.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	(International) Biochemical And Biophysical Research Communications	Inhibition Of Sglt1 Abrogates Preconditioning-Induced Cardioprotection Against Ischemia-Reperfusion Injury	2016
40.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	(National) Pharmacognosy Magazine	Green Bio Synthesis, Characterization, And Acute Toxicity Studies Of Herbal Mediated Silver Nanoparticles Prepared From PsoraleaCorylifolia Nanoparticles Prepared From PsoraleaCorylifolia	2016
41.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	(international) Asian Journal Of Pharmacology And Toxicology	Biochemical And Histological Changes Of WrightiaTinctoria R.Br. Extracts In Alloxan Induced Diabetic Rats	2016
42.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	(national) Journal Of Pharmacognosy And Phytochemistry	Antimitotic Activity Of BorassusFlabellifer Seed Coat, Research	2016
43.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	(international) Saudi Journal Of Biological Sciences	In Vitro Alpha-Amylase Inhibition And In Vivoantioxidant Potential Of MomordicaDioica Seeds In Streptozotocin-Induced Oxidative Stress In Diabetic Rats	2016
44.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	(National) Journal Of Pharmacognosy And Phytochemistry	Plant Tissue Culture: An Alternative For Production Of Useful Secondary Metabolites	2016
45.	Centre for Pharmaceutical	Dr.G.Krishna Mohan	(international) Royal Society Of Chemistry	In Vitro And In Vivo Assessment Of Novel Ph-Sensitive	2016

	Sciences		Advances	Interpenetrating Polymer Networks Of A Graft Copolymer For Gastro-Protective Delivery Of Ketoprofen,	
46.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	(International) International Journal Of Pharmaceutical Sciences And Research	Protective Profile Of HydnocarpusLaurifolia On Streptozotocin Induced Oxidative Stress In Rats,	2017
47.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	(international) Materials Letters	Antihyperglycemic And Anti-Hyperlipidemic Effect Of Biologically Synthesized Silver Nanoparticles And G. Sylvestre Extract On Streptozotocin Induced Diabetic Rats-An In Vivo Approach	2017
48.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	International journal of medical health and pharmaceutical engineering	In vivo therapeutic potential of biologically synthesized silver nano particles	2017
49.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	International journal of pharmacognosy and phytochemical research.	Neuroprotective effect of green synthesized iron oxide nanoparticles using aqueous extract of <i>Convolvulus pluricaulis</i> plant in the management of alzemiens diseases	2017
50.	Centre for Pharmaceutical Sciences	Dr.G.Krishna Mohan	IOSR journal of pharmacy and biological sciences	Biosynthesis of Iron oxide nanoparticles using aqueous extract of <i>Convolvulus pluricaulis</i> plant its characterization and acute oral toxicity studies.	2017
51.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	(International) Current Pharmaceutical analysis	A novel simultaneous quantification method for Escitalopram and Etizolam in human plasma using liquidChromatography-esi-tandem mass Spectrophotometry-application to pharmacokinetic study	2017
52.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	(International) Journal of global trends in pharmaceutical sciences	Different Quinoline derivatives by Microwave irradiation method	2017

53.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	(International) Iosr journal of Pharmacy and biological sciences	Modeling, simulation, docking studies of tyrosine kinase involved in Leukemia and Microwave synthesis of Quinazolinederivatives	2017
54.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	International journal of pharma and chemical research	Antiasthmatic ,antispasmodic and tocolytic effect of 80% methanolic extracts of leaves of Viburnum Linn.species-A comparative <i>In vitro</i> Evaluation	2017
55.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	European journal of Pharmaceutical and medical research	Invitro anti-arthritis effect of the leaves of <i>Cassia fistulalinn</i>	2017
56.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	Current Pharmaceutical Analysis	Novel simultaneous quantification method for escitalopram and etizolam in human plasma using liquid chromatography-ESI-T-Tandem Mass spectrophotometry-Application to Pharmacokinetic study	2017
57.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	Journal of Global trends inPharmaceutical sciences	Different Quinoline derivatives by microwave Irradiation method	2017
58.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	(International) Ejpmr	Evaluation of Hepatocytes regenerator Potentiality of ee-lef against ccl4 induced rat Hepatocytes,	2017
59.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	(International) Ejpmr	Invitro anti-arthritis effect of the leaves of cassia fistula linn, Ejpmr, 2017 4 (2), 522-524.	2017
60.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	(International) International journal of pharmaceutical sciences and research	Synthesis, charecterization and Antimicrobial activity of 5-methyl-2, 4-dihydro-3h-pyrazol-3-one-4-(4-subtituted) benzylpiperazine derivative c	2016
61.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	(International) Spectrophotometry-application to	Quantification of Blonanserine in human plasma using liquid	2016

			Pharmacokinetic study journal of young pharmacists	Chromatography-Electrospray ionization-tandem mass	
62.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	(International) Iosr journal of Pharmacy and biological sciences (iosr-jpbs)	Formulation and characterization of Meloxicam loaded Microspheres intended for the treatment of Rheumatoid arthritis,	2016,
63.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	(International) Ijppa, issn	Gastroprotective effect of 80% methanolic leaf fractions of three viburnum linn. species – a comparative evaluation	2016
64.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	(International) Ijppa, issn	Antioxidant potentials of 80% methanolic extract leaf fractions of viburnum punctatum, viburnum coriaceum and viburnum rubescens	2016
65.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	(International) Journal of applied pharmaceutical science	Stability indicating rp-hplc method for the simultaneous estimation of Pyrimethamine and Sulphadoxine in bulk and tablet dosage form.	2016.
66.	Centre for Pharmaceutical Sciences	Dr.S.Shobha Rani	World journal of Pharmaceutical Research	Antioxidant potentials of methanolic root fractions of three <i>Viburnum</i> Linn species	2017
67.	Centre for Pharmaceutical Sciences	Dr.M.Ajitha	(National) Anti-infective agents	Design, Synthesis and Docking Study of Some Novel Isatin-Quinoline Hybrids as Potential Antitubercular Agents	2016
68.	Centre for Pharmaceutical Sciences	Dr.M.Ajitha	(International) IOSR Journal of Pharmacy and Biological Sciences	A Green Approach For The Simultaneous Estimation Of Gatifloxacin And Flurbiprofen by a Very Sensitive Spectrofluorimetric Method	2016
69.	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	(International) International journal of research in pharmacy and chemistry	Formulation and Evaluation of Candesartan cilexetil floating tablets by melt granulation technique.	2016
70.	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	(International) International journal of Pharmaceutical	Formulation and In vitro characterization of Solid Self Emulsifying	2016

			Sciences and Research.	Drug Delivery Systems (s-SNEDDS) of Rilpivirine	
71.	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	(International) World Journal of Pharmaceutical Research,	Exploration of Antidiabetic Activity in <i>Casearia elliptica</i>	2016
72.	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	(International) World Journal of Pharmacy and Pharmaceutical Sciences	Formulation and in-vitro evaluation of gastro retentive Nevirapine cubosome dispersions and gels	2017
73.	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	World Journal of Pharmaceutical Research	Formulation and In-Vitro Characterization of multi unit particulates as reservoir systems using hydrophobic polymers	2017
74.	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	International Journal of Pharmaceutical Sciences and Research	Formulation And Evaluation Of Diltiazem Hcl Fast Dissolving Tablets Using Different Co-Processed Excipients By Direct Compression Method,	2017
75.	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy	World Journal Of Pharmacy And Pharmaceutical Sciences,	Solubility Enhancement Of Azilsartan By Selfemulsifying Lipid Formulations	2017
76.	Centre for Nano Science and Technology				
77.	Centre for Nano Science and Technology	CH Ashok, KV Rao	Synthesis of Nanostructured Metal Oxide by Microwave-Assisted Method and its Humidity Sensor Application	Materials Today: Proceedings 4 (2), 3816-3824	2017
78.	Centre for Nano Science and Technology	PRS Reddy, TS Reddy, K Mogulanna, I Srikanth, V Madhu, KV Rao	Ballistic Impact Studies on Carbon and E-glass Fibre Based Hybrid Composite Laminates	Procedia Engineering 173, 293-298	2017
79.	Centre for Nano Science and Technology	T Dayakar, KV Rao, K Bikshalu, V Rajendar, SH Park	Novel synthesis and characterization of pristine Cu nanoparticles for the nonenzymatic glucose biosensor	Journal of Materials Science: Materials in Medicine 28 (7), 109	2017
80.	Centre for Nano Science and Technology	CHS Chakra, V Rajendar, KV Rao, M Kumar	Enhanced antimicrobial and anticancer properties of ZnO and TiO ₂ nanocomposites	3 Biotech 7 (2), 89	2017
81.	Centre for Nano	PB Rao, PS	Experimental	IJSEAT 5 (4), 305-	2017

	Science and Technology	Reddy, KV Rao, MSR Murthy	Investigation of Ice Accretion Effect On NACA 0018 Airfoil	312	
82.	Centre for Nano Science and Technology	VS SAI KUMAR, KV RAO	Investigation Of Ultrasonic Parameters Of Zn-Ethylene Glycol Nanofluids.	Journal of Ovonic Research 13 (3)	2017
83.	Centre for Nano Science and Technology	V Rajendar, Y Raghu, B Rajitha, Cs Chakra, Kv Rao, Sh Park	Synthesis, Characterization, And Photocatalytic Behaviour Of Nanocrystalline ZnO, TiO ₂ And ZnO/TiO ₂ Nanocomposites.	Journal of Ovonic Research 13 (3)	2017
84.	Centre for Nano Science and Technology	S Goutham, DS Kumar, KK Sadasivuni, JJ Cabibihan, KV Rao	Nanostructure ZnFe ₂ O ₄ with Bacillus subtilis for Detection of LPG at Low Temperature	Journal of Electronic Materials 46 (4), 2334-2339	2017
85.	Centre for Nano Science and Technology	SHP T. Dayakar , K. Venkateswara Rao, K. Bikshalu , V. Rajendar	Novel Synthesis and Structural Analysis of Zinc Oxide Nanoparticles for the Non Enzymatic Glucose Biosensor	Materials Science & Engineering C	2017
86.	Centre for Nano Science and Technology	A Akshaykranth, R Karthik, KV Rao, CHS Chakra	Sol-gel auto-combustion synthesis and LPG sensing performance of Mg	I J C T A., 459-46	2017
87.	Centre for Nano Science and Technology	B Satish, V Rajendar, KV Rao, CS Chakra	Enhanced Power Conversion Efficiency Of Dye Synthesized Solar Cell By Few Layered Graphene/Cuo Nanocomposite As A Working Electrode	Digest Journal of Nanomaterials & Biostructures (DJNB)12(1)	2017
88.	Centre for Nano Science and Technology	D Ponnamma, YMH El-Gawady, M Rajan, S Goutham, KV Rao,	Shape Memory Behavior of Conducting Polymer Nanocomposites	Smart Polymer Nanocomposites, 321-34	2017
89.	Centre for Nano Science and Technology	CH Ashok, KV Rao, CHS Chakra	Comparison of Metal Oxide Nanomaterials: Humidity Sensor Applications	Materials, Energy and Environment Engineering, 267-275	2017
90.	Centre for Nano Science and Technology	SC Chidurala, VR Kalagadda, P Tambur	Antimicrobial activity of pure Cu nano particles synthesized by surfactant varied chemical reduction method	Environmental Nanotechnology, Monitoring & Management 6, 88-94	2016
91.	Centre for Nano Science and Technology	YH Satish Bykkam, Venkateshwara rao.k, Bikshalu.K,	Ultrasonic-assisted synthesis of ZnO nano particles decked with few layered graphene	J Mater Sci: Mater Electron 1 (3)	2016

		Paneer Selvam	nanocomposite as photoanode in dye-sensitized solar cell		
92.	Centre for Nano Science and Technology	KRR B. Brahmaji, S. Rajyalakshmi, Ch Satya Kamal, c , Veerendra Atla	Optical emissions of Ce3p doped Sulphamic acid single crystals by low temperature unidirectional growth technique	Optical Materials 64 (64), 100-105	2016
93.	Centre for Nano Science and Technology	SHP V. Rajendar, C. H. Shilpa Chakra, B. Rajitha, K. Venkateswara Rao	Role of Tween 80 as surfactant in the solution combustion synthesis of TiO2 nanoparticles	J. Materials Science: Materials in Electronics, DOI 10.1007/s10854	2016
94.	Centre for Nano Science and Technology	V Rajendar, T Sowmya, KV Rao, B Poornaprakash, M Kumar, SH Park	PREPARATION OF Al ₂ O ₃ /TiO ₂ NANOCOMPOSITE S FOR HUMIDITY SENSING APPLICATIONS.	Digest Journal of Nanomaterials & Biostructures (DJNB)11(4)	2016
95.	Centre for Nano Science and Technology	V Rajendar, CHS Chakra, B Rajitha, KV Rao, SH Park	Role of Tween 80 as surfactant in the solution combustion synthesis of TiO2 Nanoparticles	Journal of Materials Science: Materials in Electronics, 1-6	2016
96.	Centre for Nano Science and Technology	T Pavani, KV Rao, CS Chakra, YT Prabhu	Synthesis and characterization of γ -ferric oxide nanoparticles and their effect on Solanum lycopersicum	Environmental Science and Pollution Research 23 (10), 9373-9380	2016
97.	Centre for Nano Science and Technology	CH Ashok, KV Rao, CHS Chakra, KG Rao	MgO Nanoparticles Prepared By Microwave-Irradiation Technique and Its Seed Germination Application	NanoTrends: A Journal of Nanotechnology and Its Applications 18 (1), 10-17	2016
98.	Centre for Nano Science and Technology	PRS Reddy, TS Reddy, I Srikanth, V Madhu, AK Gogia, KV Rao	Effect of viscoelastic behaviour of glass laminates on their energy absorption subjected to high velocity impact	Materials & Design 98, 272-279	2016
99.	Centre for Nano Science and Technology	S Bykkam, KV Rao, CS Chakra, T Dayakar	Few-layered graphene decked with TiO2 nano particles by ultrasonic assisted synthesis and its dye-sensitized solar cell application	Journal of Materials Science: Materials in Electronics, 1-8	2016
100.	Centre for Nano Science and Technology	SCCH VRK P Tambur	Antimicrobial activity of pure Cu nano particles synthesized by	Environmental Nanotechnology, Monitoring & Management 6 (Environmental ...	2016

			surfactant varied chemical reduction method Article		
101.	Centre for Nano Science and Technology	CH Ashok, KV Rao	Microwave-assisted synthesis of CuO/TiO ₂ nanocomposite for humidity sensor application	Journal of Materials Science: Materials in Electronics 27 (8), 8816	2016
102.	Centre for Nano Science and Technology	KVR Solleti Goutham, Sukhpreet Kaur, Kishor Kumar Sadasivuni, Jayanta Kumar ...	Nanostructured ZnO gas sensors obtained by green method and combustion technique	Materials Science in Semiconductor Processing 57, 110–115	2016
103.	Centre for Nano Science and Technology	V Rajendar, B Rajitha, T Dayakar, CHS Chakra, KV Rao	Systematic approach on the fabrication of Mn doped ZnO semiconducting nanoparticles by mixture of fuel approach for antibacterial applications	Rendiconti Lincei 27 (3), 521-531	2016
104.	Centre for Nano Science and Technology	S Goutham, S Kaur, KK Sadasivuni, JK Bal, N Jayarambabu, DS Kumar	Nanostructured ZnO gas sensors obtained by green method and combustion technique	Materials Science in Semiconductor Processing 57, 110-115	2016
105.	Centre for Nano Science and Technology	KVR K. Jhansi, S. Chandralingam, N. Manohar Reddy, Padma Suvarna, Ch. Ashok	CuO nanoparticles Synthesis and Characterization for Humidity Sensor Application	Journal of Nanotechnology and Materials Science, 1-5	2016
106.	Centre for Nano Science and Technology	YA P. Ranjith Reddy , N.Jayarambabu , Anil Kumar Somasai , K. Venkateswara Rao	Structural and Morphological Studies of ZnO-CeO ₂ Nanocomposites	Materials Today: Proceedings 3 (2016) 3, 4146–4150	2016
107.	Centre for Nano Science and Technology	CH Ashok, KV Rao, CHS Chakra	Journal of Advanced Chemical Sciences	Journal of Advanced Chemical Sciences 2 (2), 223-226	2016
108.	Centre for Nano Science and Technology	PRS Reddy, TS Reddy, I Srikanth, P Ghosal, V Madhu, KV Rao	Influence of nanoclay and incident energy on impact resistance of S2-glass/epoxy composite laminates subjected to low velocity impact		2016
109.	Centre for Nano Science and Technology	CH Ashok, VK Rao, CH Shilpa Chakra	CuO/TiO ₂ Metal Oxide Nanocomposite Synthesis via Room Temperature Ionic Liquid.	J Nanomater Mol Nanotechnol 5: 2	2016

110.	Centre for Nano Science and Technology	CH Ashok, V Rao, SC CH	Synthesis and characterization of ZnO/CuO nanocomposite for humidity sensor application	Journal of Materials Science: Materials in Electronics 27 (8), 8816	2016
111.	Centre for Nano Science and Technology	V Rajendar, CHS Chakra, B Rajitha, KV Rao, MC Sekhar, BP Reddy	Effect of TWEEN 80 on the morphology and antibacterial properties of ZnO nanoparticles	Journal of Materials Science: Materials in Electronics, 1-6	2016
112.	Centre for Nano Science and Technology	S Bykkam, KV Rao, CS Chakra	Enhanced Photovoltaic Efficiency of Dye Sensitized Solar Cell by Few Layered Graphene Sheet Decked with SnO ₂ Nanoparticles as a Photoanode	Journal of Nanoscience and Technology 2 (3), 144-147	2016
113.	Centre for Nano Science and Technology	CH Ashok, KV Rao, CHS Chakra	Facile Synthesis and Characterization of ZnO/CuO Nanocomposite for Humidity Sensor Application	Journal of Advanced Chemical Sciences 2 (2), 223-226	2016
114.	Centre for Nano Science and Technology	KVR G. Little Flower a, S. Vani Latha	Novel characterization of nanosilver fluid through ultrasonic studies supported by UV-Vis spectroscopy, DLS and TEM studies	Journal of Molecular Liquids 221, 333-338	2016
115.	Centre for Environment	Dr. M. Anji Reddy	International Journal of Scientific Research	Automatic Extraction of Building foot prints from CARTOSAT – II,	2016
116.	Centre for Environment	Dr. M. Anji Reddy.	International Journal of Applied and Pure Science and Agriculture,	A Review on the pollution problem of the major water sources in Hyderabad city,	2016
117.	Centre for Environment	Dr. M. Anji Reddy.	International Journal of Scientific Research	Environment Impact Assessment and Management (EIA & M) for Paper Industries for Sustainable Development - A Case Study	2016
118.	Centre for Environment	Dr. M. Anji Reddy.	International Journal of Engineering Research (GE - IJER)	Application of Remote Sensing and GIS in Land use / Land cover change detection analysis in GE	2016
119.	Centre for Environment	Dr. V. Himabindu	International Desalination and	Treatment of the petroleum refinery	57(8), 2016, 01-08.

			Water Treatment,	waste water using combined electrochemical methods,	
120.	Centre for Environment	Dr. V. Himabindu	International Environ Sci Pollut Res.	Pollution control and energy advanced technologies,	2016
121.	Centre for Environment	Dr. V. Himabindu	International Desalination and Water Treatment,	Degradation of antibiotic norfloxacin in aqueous solution using advanced oxidation processes (AOPs)—A comparative study,	2016
122.	Centre for Environment	Dr. V. Himabindu	International Journal of Chemistry and Chemical Engineering,	"Remediation of Contaminated Ground water using sonication: Case study of an industrial area of Hyderabad; India",	2016
123.	Centre for Environment	Dr. V. Himabindu	International Biofuels,	Effect of operational parameters on Biohydrogen production from Dairy wastewater in Batch and Continuous reactors,	2016
124.	Centre for Environment	Dr. V. Himabindu	International Biofuels,	Biohydrogen production from brewery effluent in a batch and continuous reactor with anaerobic mixed microbial consortia,	2016
125.	Centre for Environment	Dr. V. Himabindu	International Journal of Hydrogen Energy,	Nitrogen doped CNTs supported Palladium electrocatalyst for hydrogen evolution reaction in PEM water electrolyser,.2016.08.195	2016
126.	Centre for Environment	Dr. V. Himabindu	International Nano Trends: A Journal of Nanotechnology and Its Applications	Comparison Study between Pd/AC and Pd/CB for Simultaneous Production of Hydrogen and Carbon Nanotubes using Thermocatalytic Decomposition of Methane,	2016
127.	Centre for Environment	Dr. V. Himabindu	(International) Desalination and Water Treatment.	"industrial solid waste landfill leachat treatment using electrocoagulation and biological methods"	2016
128.	Centre for Environment	Dr. V. Himabindu	International Biofuels,	Strategies For Enhancement Of Bio-Hydrogen Production Using Mixed Cultures	2016

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129.	Centre for Environment	Dr. V. Himabindu	International Advanced Material Letters (Advanced Materials Proceedings),	Thermo catalytic decomposition of methane over Cu-Al ₂ O ₃ and 5-20wt% Ni-Cu-Al ₂ O ₃ catalysts to produce hydrogen and carbon nanofibers,	2016
130.	Centre for Environment	Dr. V. Himabindu	International Journal , Environ Sci Pollut Res	Mixotrophic cultivation of microalgae using industrial flue gases for biodiesel production,	2016
131.	Centre for Environment	Dr. V. Himabindu	International, South African Journal of Chemical Engineering	Photochemical oxidation of antibiotic gemifloxacin in aqueous solutions - A comparative study	2017
132.	Centre for Environment	Dr. V. Himabindu	Inter national, Journal of Water Chemistry and Technology,	Fluoride removal from Groundwater using cylindrical electrocoagulation reactor,	2017
133.	Centre for Environment	Dr. V. Himabindu	International Chemical Engineering & Process Techniques	Synthesis of Polysulfone and Zirconium Oxide Coated Asbestos Composite Separators for Alkaline Water Electrolysis,.	2017
134.	Centre for Environment	Dr. T. Vijaya Lakshmi	International Journal of Chemical and Pharmaceutical Research	“Impact of pulp and paper mill effluents on soil enzyme activities”,	2016
135.	Centre for Environment	Dr. Ch. Sasikala	International World Journal of Microbiology and Biotechnology. WIBI-D-16-00701R3,	Comparative metabolomic studies of Alkanivorax xenomutans showing differential power output in a 3 chambered microbial fuel cell	2017
136.	Centre for Environment	Dr. Ch. Sasikala	International Journal . Syst. Evol. Microbiol	Description of Halodesulfobivrio spirochaetisodalis gen. nov. sp. 19nov. and reclassification of few species of Desulfobivrio.	2017
137.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.	Description of a phototrophic bacterium	2017

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138.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.	Nesterenkonia cremea sp., nov., a bacterium isolated from a soda lake, Int. J. Syst. Evol. Microbiol. In press IJSEM-D-16-00875R3, 2017	2017
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140.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.	Description of Lunatimonas salinarumsp.nov.	2016
141.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.	Description of Jeotgalibacillus alkaliphilus sp. nov., isolated from a solar salt pan, and Jeotgalibacillus terrae sp. nov., a name to replace 'Jeotgalibacillus soli' Chen et al. 2010	2016
142.	Centre for Environment	Dr. Ch. Sasikala	International Archives of Microbiology, 198, 1013-1018,	Marinicoccus salis sp., nov., a moderately halophilic bacterium isolated from a salt marsh,	2016
143.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol. 66, 5061-5065	Tersicoccus solisilvae sp., nov., a bacterium isolated from forest soil,	2016
144.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.	Description of Alteribacillus alkaliphilus sp. nov., reassignment of Bacillus iranensis (Bagheri et al. 2012)	2016

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145.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.	<i>Mycobacterium oryzae</i> sp. nov., a scotochromogenic, rapidly growing species and could infect human macrophage cell line,	2016
146.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.	<i>Pontibacillus salipaludis</i> sp., nov., a moderately halophilic bacterium isolated from a salt pan.,	2016
147.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.,	<i>Salinicoccus amylolyticus</i> sp. nov., isolated from a saltern.,	2016
148.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.	<i>Rhodovulum algae</i> sp. nov., isolated from an algal mat,	2016
149.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.	<i>Paenibacillus arachidis</i> sp. nov., isolated from groundnut seeds	2016
150.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.	Erratum to <i>Paraclostridium benzoelyticum</i> gen. nov. sp. nov., isolated from marine sediment and reclassification of <i>Clostridium bifermentans</i> as <i>Paraclostridium bifermentans</i> comb. nov. Proposal of a new genus <i>Paeniclostridium</i> gen. nov. to accommodate <i>Clostridium sordellii</i> and <i>Clostridium ghonii</i> ,	2016
151.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.	<i>Alkalispirochaeta cellulovorans</i> gen. nov., sp. nov., a cellulose-hydrolysing, alkaliphilic, halotolerant bacterium isolated from the gut of a wood-eating cockroach (<i>Cryptocercus punctulatus</i>), and reclassification of four	2016

				species of Spirochaeta as new combinations within Alkalispirochaeta gen. nov.	
152.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol.	Paraclostridium benzoelyticum gen. nov. sp. nov., isolated from marine sediment and reclassification of Clostridium bifermentans as Paraclostridium bifermentans comb. nov. Proposal of a new genus Paeniclostridium gen. nov. to accommodate Clostridium sordelii and Clostridium ghonii,	2016.
153.	Centre for Environment	Dr. Ch. Sasikala	International Arch. Microbiol. 198, 325-332.	Lysinibacillus xylenisp.nov., isolated from a bottle of xylene	2016
154.	Centre for Environment	Dr. Ch. Sasikala	International Journal Syst. Evol. Microbiol. 66, 165-171	Rhodovulum aestuarii sp. nov., isolated from a brackish water body,	2016.
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156.	Centre for Biotechnology	Dr. A.Uma	Journal of organo metallic chemistry	The invitro anti tumor activity of oligo nuclear polypyridyl rhodium and iridium coplexes against cancer cells and human pathogens.	2016
157.	Centre for Biotechnology	Dr. A.Uma	Inorganica chimica Acta	Synthesis, structural and invitro functional characterization of arene ruthenium complexes with 1,3,5-tris(di-2-pyridylaminomethyl) benzene ligand.	2016
158.	Centre for Biotechnology	Dr. A.Uma	Industrial Biotechnology	Synthesis lignin-based nanomaterials	2016

				/nanocomposites: Recent trends and future perspectives.	
159.	Centre for Biotechnology	Dr. A.Uma	Sugar Tech	Fermentation of pretreated high – biomass sorghum hydrolysates to biohydrogen by mixed consortia.	2016
160.	Centre for Biotechnology	Dr. A.Uma	American Society of Agronomy and Crop Science Society of America	Sorghum: A Multipurpose Bioenergy Crop	2016
161.	Centre for Biotechnology	Dr. A.Uma	Inorganica chimica Acta	Synthesis, structural ,DFT studies and anti bacterial evaluation of CP* rhodium and CP* iridium complexes using hydrozide based dipyridyl ketone ligand.	2016
162.	Centre for Biotechnology	Dr. A.Uma	Sugar Tech	Xylanase Production by Isolated Fungal Strain, Aspergillusfumigatus RSP-8 (MTCC 12039): Impact of Agro-industrial Material as Substrate	2016
163.	Centre for Biotechnology	Dr. A.Uma	Int. J. of Biological macromolecules	Novel alkali- thermostable xylanase from Thielaviopsis basicola: Purification and kinetic characterization	2016
164.	Centre for Biotechnology	Dr. A.Uma	HFSP Journal	Telomere length as a biomarker of ageing and associated metabolic disorders: A Review	2016
165.	Centre for Biotechnology	Dr. A.Uma	International Journal of Advances in Pharmacy and Biotechnology	Antibacterial activity of methanolic extract of Cissus quadrangularis	2016
166.	Centre for Biotechnology	Dr. A.Uma	Current Trends in Biotechnology & Pharmacy	Plants as Potential Resources of Anticancer Drugs	2016
167.	Centre for Biotechnology	Dr. L. Saida	3 Biotech (Springer)	Ethanol production from sweet sorghum bagasse through process optimization using response surface methodology	2017
168.	Centre for Biotechnology	Dr. A.Uma	International Journal of Pharmacy and	In vitro total phenolics, flavonoids contents, antioxidant	2017

			Pharmaceutical Sciences	and antimicrobial activities of various solvent extracts from the medicinal plant <i>physalis minima</i> linn	
169.	Centre for Biotechnology	Dr. A.Uma	Pharmaceutical Biology	Phytochemical screening and evaluation of in vitro antioxidant and antimicrobial activities of the indigenous medicinal plant <i>Albizia odoratissima</i>	2017
170.	Centre for Biotechnology	Dr. A.Uma	International Journal of Reproduction, Contraception, Obstetrics and Gynaecology	Association of insulin-like growth factor 2 <i>Apa1 A820G</i> gene (rs680) polymorphism with polycystic ovarian syndrome	2017
171.	Centre for Biotechnology	Dr. A.Uma	Journal of Nutritional Health & Food Engineering	Increased Macromolecular Damage Underlies the Decreased Longevity of Wnin/Gr-Ob Rats Fed High Sucrose Diet	2017
172.	Centre for Biotechnology	Dr. A.Uma	Int J Med Health Sci	High sucrose diet feeding aggravates age related changes in oxidative stress and antioxidant status of WNIN/Gr-Ob obese rats	2017
173.	Centre for Biotechnology	Dr. A.Uma	Nutritional Neuroscience	Increased total DNA damage and oxidative stress in brain are associated with decreased longevity in high sucrose diet fed WNIN/Gr-Ob obese rats	2017
174.	Centre for Biotechnology	Dr. A.Uma	International Journal of Reproduction, Contraception, Obstetrics and Gynecology	Association of calpain 10 gene UCSNP-43 polymorphism (rs3792267) with polycystic ovarian syndrome	2017
175.	Centre for Biotechnology	Dr. A.Uma	International Journal of Reproduction, Contraception, Obstetrics and Gynecology	Association of follicle-stimulating hormone receptor gene ser680 asn (rs6166) polymorphism with polycystic ovarian syndrome	2017
176.	Centre for Biotechnology	Dr. A.Uma	Journal of Hetero cyclic chemistry	Cu-free Sonogashira Type Cross-Coupling of 6-Halo-2-cyclopropyl-3-(pyridyl-3-	2017

				yimethyl)Quinazolin-4(3H)-ones as potential antimicrobial agents	
177.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	International Journal of Biology	Studies on preparation of Bio-Paints using fungal bio-colors	2016
178.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	Biofuels	Effect of operational parameters on biohydrogen production from dairy wastewater in batch and continuous reactors	2016
179.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	Physiology and Molecular Biology of Plants	<i>Agrobacterium</i> -mediated genetic transformation of commercially elite rice restorer line using <i>nptII</i> gene as a plant selection marker	2016
180.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	Future Virology	Zika virus: an emerging arboviral disease	2016
181.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	International Journal of Life science & Pharma Research	Designing Novel Mek1 Inhibitors as Anticancer Agents	2016
182.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	International Journal of Biotechnology and Biochemistry	Phytochemical compound identification and evaluation of antimicrobial activity of <i>Eugenia Bracteata</i> Roxb	2016
183.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	International Journal of Biomedical Data Mining	Shikimate Kinase of <i>Yersinia pestis</i> : A Sequence, Structural and Functional Analysis	2016
184.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	Int.J.Curr.Microbiol.App.Sci	Evaluation of Antimicrobial and Antioxidative Activities of the Aerial Plant Extracts of <i>Elytraria acaulis</i>	2016
185.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	International Journal of Research in Pharmacology & Pharmacotherapeutics	Hepatoprotective potential of <i>Rheum emodi</i> against ccl4-induced liver damage through regulation of voltage dependent anion	2016

				channel expression	
186.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	Octa Journal of Biosciences	Optimization Of Culture Conditions For Enhanced Production Of Antimalarial Artemisinin by <i>Streptomyces</i> Sp. Using Response Surface Methodology	2016
187.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	Int.J.Curr.Microbiol.App.Sci	Isolation, Screening, Identification and Optimized Production of Extracellular Cellulase from <i>Bacillus subtilis</i> Sub.sps using Cellulosic Waste as Carbon Source	2016
188.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	Journal of Chemical and Pharmaceutical Research	Plackett-Burman design for screening media components for alkaline protease production from <i>Streptomyces pulveraceus</i> through solid state fermentation	2016
189.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	Rasayan J. Chem.	Synthesis and anti-cancer activity of novel 3-aryl thiophene-2-carbaldehydes and their aryl/heteroaryl chalcone derivatives	2016
190.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	Discovery The International Journal	A comparative study of the activity of Kaempferol on cancer cells and normal cells	2016
191.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	International Journal of Pharmacy & Pharmaceutical Sciences	Synergistic growth inhibitory effect of Flavanol-kaempferol and conventional chemotherapeutic drugs on cancer cells	2017
192.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	IMPACT: International Journal of Research in Applied, Natural and Social Sciences	Zerumbone inhibits proliferation and induces apoptosis, cell cycle arrest in human colon cancer cell line, HCT15	2017

193.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	3 Biotech	Ethanol production from sweet sorghum bagasse through process optimization using response surface methodology	2017
194.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	World Journal of Pharmacy and Pharmaceutical Sciences	Insilico Docking Studies Of Elytraria Acaulis Gas Chromatography-Mass Spectroscopy Derived Compound Against Breast Cancer Target Proteins	2017
195.	Centre for Biotechnology	Dr. M.Lakshmi Narasu	Journal of Applied Pharmaceutical Science	Purification and Characterization of Extracellular Lipase from <i>Staphylococcus epidermidis</i> (MTCC 10656)	2017
196.	Centre for Biotechnology	Sukanya MS Mounika R, Vasavi P and Archana Giri.	International Conference	Proceedings of Trend setting innovations in chemical sciences & Technology nature inspired chemistry and engineering.	JNTU Hyderabad 4-6 th october
197.	Centre for Biotechnology	Sukanya MS and Archana Giri.	International Conference	Proceedings of International Conference on Biotechnology and Bioengineering trends. ICBT-2017	JNTU Hyderabad 23-25 th march
198.	Centre for Biotechnology	Shahla Ahmadian, Nutan Shivange and Archana Giri	International Conference	Proceedings of International Conference on Biotechnology and Bioengineering trends. ICBT-2017	JNTU Hyderabad 23-25 march
199.	Centre for Biotechnology	Deepak Raj K and Archana Giri	International Conference	Proceedings of International Conference on Biotechnology and Bioengineering trends. ICBT-2017	JNTU Hyderabad 23-25 march 2017
200.	Centre for Biotechnology	Anjaneyulu Musini and Archana Giri	International Conference	Proceedings of International Conference on Biotechnology and Bioengineering trends. ICBT-2017	JNTU Hyderabad 23 rd -25 th March 2017

201.	Centre for Biotechnology	Ravindar Reddy, Archana Giri, Venkata Sai Rohith and Venkateshwar Reddy K	International Conference	Proceedings of International Conference on Biotechnology and Bioengineering trends. ICBT-2017	JNTU Hyderabad 23 rd -25 th March 2017
202.	Centre for Biotechnology	Ranjit P & Archana Giri	International conference	Proceedings of International Conference on Biotechnology and Bioengineering trends. ICBT-2017	JNTU Hyderabad 23-25 march 2017
203.	Center for biotechnology	Arunima P, Kalyani P, Archana Giri, Richa K Y, Bhanagar	International conference	Proceddings of the international conference on biotechnology and bioengineering trends ICBT 2017	JNTU Hyderabad 23-25 march 2017
204.	Center for biotechnology	Archanagiri	Journal of Phytology	Metabolic fingerprinting of root, stem and leaf extract of <i>phyllanthus amarus</i>	2016
205.	Center for biotechnology	Archana giri	Advances in biological chemistry	HOLC polyphenolics profile and H ₂ O ₂ inducedcytoprotective effect of salacia oblongaextracts of human	2016
206.	Center for biotechnology	Archana giri	Int. J. Pharm. Sci. Rev. Res., 41(1), Pages: 58-63	Evaluation of Total Phenolics, Flavonoids, and Antioxidant Activity of Leaf Extracts of <i>Pimpenella tirupatensis</i>	2016
207.	Center for biotechnology	Archana giri	J. Adv. Res. Sci. Technol. 5: 653-661	Evaluation of Anti-oxidant potential of root, stem and leaf extracts of <i>Phyllanthus amarus</i>	2016
208.	Center for biotechnology	Archana giri	Sensors and Actuators B: Chemical 240: 1182-1188	Peroxidase-like activity of gum kondagogu reduced/stabilized palladium nanoparticles and its analytical application for colorimetric detection of glucose in biological	2017

				samples.	
209.	Center for Biotechnology	Archana giri	International Journal of Computer Applications 157(7):40-46	Virtual Screening of CDK9 Inhibitors as Potential Anti Cancer Drugs.	2017
210.	Centre for Biotechnology	Dr. Archana Giri	International Journal of Medicinal Plants Research	HPLC Polyphenolics profile and H2O2 induced cytoprotective effect of Salacia oblonga extracts on human lymphocytes	2016
211.	Centre for Spatial Information Technology	K.Ramamohan Reddy K.	4 th National Conference on Water, Environment & Society, JNTUH, Hyderabad, Procs. of India. pp. 31-35.	“Strategies for Development and Management of Water Resources in Rainfed Area”.	2017
212.	Centre for Spatial Information Technology	Ramamohan Reddy K.	3 rd National Conference on Water, Environment & Society (NCWES-2017), JNTUH, Hyderabad, India. pp. 73-78.	“Water Resources Development under Climate Change Scenario”	2017
213.	Centre for Spatial Information Technology	Ramamohan Reddy K	3 rd National Conference on Water, Environment & Society (NCWES-2017), JNTUH, Hyderabad, India. pp. 73-78.	“Water Resources Development under Climate Change Scenario”	2017
214.	Centre for Spatial Information Technology	Ramamohan Reddy K.	3 rd National Conference on Water, Environment & Society (NCWES-2017) Procs. of JNTUH, Hyderabad, India. pp. 8-11.	Runoff and Nutrient Status Monitoring of a CCT Treated Catchment”	2016.
215.	Centre for Spatial Information Technology	K.Ramamohan Reddy	National Conference on Agro-Processing Based Entrepreneurship Development For Sustainable Livelihood” held during February 22-23, 2017 pp.	Water resources management in rainfed area through on-farm practices”	2016

			214		
216.	Centre for Spatial Information Technology	Ballu Harish ¹ , M.Santos h ¹ , J.Venkatesh ²	Discovery International	Stock Mapping of Cherla Forest using RS and GIS	2016
217.	Centre for Spatial Information Technology	V. Madhavi Supriya ¹ , J.Venkatesh ²	Discovery International	“ A Review on E-Governance using GIS and Remote sensing	2016
218.	Centre for Spatial Information Technology	Madhavi Supriya V., Harish B., Venkatesh J., Dwivedi R.S.	National Conference Water Environment & Society (NCWES)	Geospatial Technology for Disaster Management: An Overview	2017
219.	Centre for Spatial Information Technology	Venkatesh J., Chandrasekhar G., Muralikrishna I.V. and Dwivedi R.S.	4 th National Conference Water Environment & Society (NCWES)	The Assessment of Sedimentation of Nagarjunsagar using Spaceborne Chronosequential Images	2017
220.	Centre for Spatial Information Technology	Madhavi Supriya V., Venkatesh J., Dwivedi R.S	4 th National Conference Water Environment & Society (NCWES-)	Satellite Remote Sensing of the Impact of Aquaculture on Environment	2017
221.	Centre for Spatial Information Technology	Madhavi Supriya V., Venkatesh J., Dwivedi R.S	4 th National Conference Water Environment & Society (NCWES-2017)	Spatio-Temporal behavior of Waterlogging using Multi-Temporal Satellite Data	2017
222.	Centre for Spatial Information Technology	Venkatesh J., Chandrasekhar G., Muralikrishna I.V. and Dwivedi R.S	4 th National Conference Water Environment & Society (NCWES)	Decision Support System for Optimization of Multi-Purpose Reservoir System Operations: A Review	2017
223.	Centre for Spatial Information Technology	Ballu Harish, Shantosh M., Venkatesh J., Dwivedi R. S	4 th National Conference Water Environment & Society (NCWES-2017)	Information Content Analysis of Landsat-8 Oli Data for Water Resources Managemnt-A Case Study of Nagarjuna Sagar Reservoir	2017
224.	Centre for Water Resources	Vinay Kumar, P., Gopa Dutta, Salauddin Mohammad and Venkateswara Rao, B.,	Theoretical and Applied Climatology	Climatology of diurnal tide and its long-term variability in the lower middle atmosphere over a tropical station” Theoretical and Applied Climatology,	2016
225.	Centre for Water Resources	Vinay Kumar, P., Gopa Dutta, Ratnam, M.V., Krishna, E., Bapiraju, B., Venkateswara Rao, B., and Salauddin Mohammad	Advances in Atmospheric Sciences, Vol. 33 (8), pp. 955-968	Impact of Cyclone Nilam on Tropical Lower Atmospheric Dynamics” Advances in Atmospheric Sciences	2016

226.	Centre for Water Resources	Dr.B.Venkateswara Rao	Convergence 13 Spl. Iss. pp. 29-34	Relevance and Need for Water Conservation	2016
227.	Centre for Water Resources	Dr.B.Venkateswara Rao	Procs, of the 6 th International Groundwater Conference (IGWC-2015)	My Journey with Groundwater in Hard rocks	2016
228.	Centre for Water Resources	Dr.B.Venkateswara Rao	Procs. of the 2016 International Conference on Water Resource and Environment (WRE 2016)	Issues of Indian Water Resources and their Management	2016
229.	Centre for Water Resources	Dr.B.Venkateswara Rao	Procs. of National Seminar on Conjunctive use of Surface water and groundwater in major and medium Irrigation. Organized by Govt. of A.P. Water Resources Department	Coping with Changes in Catchment Hydrology and Need for the Conjunctive Use",	2016
230.	Centre for Water Resources	Dr.B.Venkateswara Rao	Procs. of the First Indian National Groundwater Conferenc (INGWC-2016) on Sustainable Development and Management of Groundwater Resources in Arid and Semi-Arid Regions	A review of Hydrogeological and Geolophysical Aspects of Northern Parts of Eastern Ghat Khondalitic Aquifers",	2016
231.	Centre for Water Resources	Venkateswara Rao B., and Siva Prasad Y.,	Procs. of the First Indian National Groundwater Conference (INGWC-2016) on Sustainable Development and Management of Groundwater Resources in Arid and Semi-Arid Regions, B.S. Publications, pp. 157-166	Groundwater Recharge Studies in Kandivalasa River Sub Basin, Vizianagaram District, Andhra Pradesh",	2016
232.	Centre for Water Resources	Venkateswara Rao B., and Siva Prasad Y.,	Procs. of the First Indian National Groundwater Conferenc (INGWC-2016) on Sustainable Development and Management of Groundwater	Hydrogeochemical Studies in the Khondalitic Terrain, Vizianagaram District, A.P., India"	2016

			Resources in Arid and Semi-Arid Regions		
233.	Centre for Water Resources	Dr.B.Venkateswara Rao	Procs. of the two day workshop of 'geospatial technologies' with a special colloquium on evaluation of land and water management systems of West Godavari district, Andhra Pradesh, India, Organized by dept. of Civil Engineering, SRKR Engineering College	Flood Prognastics of Errakalava River Basin using HEC-HMS Event Model" Procs. of the two day workshop of 'geospatial technologies'	2016
234.	Centre for Water Resources	Venkateswara Rao B., and Siva Prasad Y.,	Abstracts Volume of National Conference on 'Water Resources Management in Coastal Regions' Conducted by IAH at Kakinada	Groundwater Depletion and Groundwater Balance Studies of Kandivalasa River Sub Basin, Vizianagaram District, A.P.,	2016
235.	Centre for Water Resources	Dr.B.Venkateswara Rao	All India Seminar on Disasters-Mitigation of Floods and Urban Drainage Issues	Flood Prognostics of Yerrakalava River Basin Using HEC-HMS Event Model	2017
236.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 3rd national conference on Water, Environment & Society (NCWES) .pp 210-214.	Low Cost Adsorbents For Removal Of Flouride From Water	2016
237.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 3rd national conference on Water, Environment & Society (NCWES) .pp 219-223.	Assessment Of Arsenic And Chromium In Hussain Sagar Lake And Their Effects On Human Health	2016
238.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 3rd national conference on Water, Environment & Society (NCWES) .pp 263-266.	A Study on the use of Alum for turbidity removal in Synthetic water	2016
239.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 3rd national conference on Water, Environment & Society	Qualitative study of pre-monsoon and Post-monsoon status of different chemical parameters of water	2016

			(NCWES) .pp 267-275.	samples collected from various surface water bodies in GHMC	
240.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 3rd national conference on Water, Environment & Society (NCWES) .pp 307-312.	Rain fall trend analysis: A case study of Godavari sub basin-kadam water shed, Adilabad District, Telangana State	2016
241.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 3rd national conference on Water, Environment & Society (NCWES) .pp 372-376.	Hyperspectral Response pattern of Red soils under varying moisture conditions	2016
242.	Centre for Water Resources	Dr. M.V.S.S Giridhar	National Conference on Water Resources Management in Coastal Regions.pg:81	Engendering Spectral Library for Different Species of Poaceae Using Spectroradiometer	2016
243.	Centre for Water Resources	Dr. M.V.S.S Giridhar	National Conference on Water Resources Management in Coastal Regions.pg:86	Spectral Response Of Tomato Crop In Uncontrolled And Controlled Farming	2016
244.	Centre for Water Resources	Dr. M.V.S.S Giridhar	National Conference on Water Resources Management in Coastal Regions.pg:45	Spatial And Temporal Variability Of Rainfall In Kaddam Watershed Using Geomatics	2016
245.	Centre for Water Resources	Dr. M.V.S.S Giridhar	National conference on energy and environment 16-17 th September 2016 Electrotek 2016, Coimbatore.	Urban Rainwater Recharge– A New Approach	2016
246.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 4th national conference on Water, Environment & Society (NCWES) .pp 492	Investigating The Effect Of Size Of The Training Sample On Mlc, Svm, Ann And Sam Algorithms On Hyperion Data For Lulc Classification	2017
247.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 4th national conference on Water, Environment & Society (NCWES) .pp 355	An Assessment on Impact of Land Use Land Cover Changes on Urban Watershed Management – A Case Study of Hyderabad Region	2017
248.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 4th national conference	Quality Assessment of Surface Water Bodies	2017

			on Water, Environment & Society (NCWES) .pp 322	in and around GHMC	
249.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 4th national conference on Water, Environment & Society (NCWES) .pp 376	Extemporizing Spectral Signatures Using Spectroradiometer For Different Species Of Family Graminaceae	2017
250.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 4th national conference on Water, Environment & Society (NCWES) .pp 56	Identification Of Suitable Method For Estimation Of Reference Evapotranspiration For Paleru Sub Basin Of River Krishna	2017
251.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 4th national conference on Water, Environment & Society (NCWES) .pp 333	Treatment Of Urban Sewage Water Using Phytoremediation	2017
252.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 4th national conference on Water, Environment & Society (NCWES) .pp 339	A Jar Test Study On The Use Of Alum And Ferric Chloride For Turbidity Removal	2017
253.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 4th national conference on Water, Environment & Society (NCWES) .pp 540	Rainfall analysis with reference to Spatial and Temporal in Kaddam Watershed Using Geomatics	2017
254.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 4th national conference on Water, Environment & Society (NCWES) .pp 383	Spectral Response Of Cluster Beans Crop	2017
255.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 4th national conference on Water, Environment & Society (NCWES) .pp 388	Effective Use Of Chemical Coagulants For Reducing Total Organic Carbon	2017
256.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Proceedings of 4th national conference on Water, Environment & Society (NCWES) .pp 392	Spectral Reflectance From The Tomato Crop Canopy Under Controlled Condition By Using Spectroradiometer	2017
257.	Centre for Water Resources	Dr. M.V.S.S Giridhar	Seminar On Sustainable Water Management, on the occasion of 215 th Birthday Celebrations Of General Sir Arthur	Rain water harvesting, use and artificial recharge in urban Scenario	2017

			Thomas Cotton		
258.	Centre for Water Resources	Dr.K.Rama Mohan Reddy	Proceedings of 3rd national conference on Water, Environment & Society (NCWES) .pp1-14.	,"Runoff and Nutrient Status Monitoring Of a CCT Treated Catchement"	2016
259.	Centre for Water Resources	Dr.K.Rama Mohan Reddy	Proceedings of 3rd national conference on Water, Environment & Society (pp73-78).	water resources development under climate change scenario."	2016
260.	Centre for Water Resources	Dr.K.Rama Mohan Reddy	International Journal of Tropical Agriculture	Urban flood monitoring using Q-GIS , A case study of Hyderabad city	2016

18. Details of Students Qualified in GATE/GRE/TOEFL etc.:

S. No.	Name of the Dept./Centre	Name of the Student	Exam Qualified and Rank Secured
1	Centre for chemical sciences and Technology	Sapavat. Anil Babu	GATE/895
2	Centre for Pharmaceutical Sciences	Peddapaka Divya	GPAT 5315
3	Centre for Pharmaceutical Sciences	Rajoji Aruna	GPAT 1022
4	Centre for Pharmaceutical Sciences	Ambekar Mounika	GPAT 654
5	Centre for Pharmaceutical Sciences	Deepak Patil	GPAT 5315
6	Centre for Pharmaceutical Sciences	Chegoni Suma Sailaja	GPAT 1804
7	Centre for Pharmaceutical Sciences	Kanchi Akhila	GPAT 1881
8	Centre for Pharmaceutical Sciences	E lakshmi	GPAT 1565
9	Centre for Pharmaceutical Sciences	B.Jalajakshi	GPAT 3997
10	Centre for Pharmaceutical Sciences	E.Sravanthi	GPAT 1240
11	Centre for Pharmaceutical Sciences	K.Varuna Reddy	GPAT 2148
12	Centre for Pharmaceutical Sciences	D.Mounica	GPAT 451
13	Centre for Pharmaceutical Sciences	M.Himavarsha	GPAT 2055

14	Centre for Nano Science and Technology	B. Lavan Kumar	GATE & 10226/426
15	Centre for Nano Science and Technology	G. Srikanth	GATE &454
16	Centre for Nano Science and Technology	G.Aravindh	GATE &388/22315
17	Centre for Nano Science and Technology	G.Shivashanker	GATE &1110/414
18	Centre for Nano Science and Technology	K. Satish	GATE &319
19	Centre for Nano Science and Technology	K.Rajesh	GATE &11169/415
20	Centre for Nano Science and Technology	M.ShankaraSwamy	GATE &534
21	Centre for Nano Science and Technology	N.Anasuya	GATE &272
22	Centre for Nano Science and Technology	U.Sai Krishna	GATE &22315/388
23	Centre for Nano Science and Technology	V. Krishna	GATE &35116/306
24	Centre for Nano Science and Technology	G.Sukanya	GATE &20160/346
25	Centre for Nano Science and Technology	R. Kiran Kumar Reddy	GATE/13559
26	Centre for Environment	Angoth Kalyani	GATE/28662
27	Centre for Environment	Boda Meenakshi	GATE/48172
28	Centre for Environment	Chetti Jayanthi Sree	GATE/33771
29	Centre for Environment	Chinnala Manoj Kumar	GATE/15807
30	Centre for Environment	Golla Sumanth	GATE/5064
31	Centre for Environment	Gundu Manohar	GATE/10226
32	Centre for Environment	Mohanand Dakeshwar	GATE/10898
33	Centre for Environment	Noonavath Vinay Kumar	GATE/20452
34	Centre for Environment	S.R. Krishna. Jonnalagadda	GATE/9111
35	Centre for Environment	Uddhoju Roja	GATE/18975
36	Centre for Environment	Vittanala Sarath	GATE/21989
37	Centre for Environment	Adepoju Jhansi Rani	GATE/24276
38	Centre for Environment	Boddireddy Venkateshwa R Reddy	GATE/7704
39	Centre for Environment	Chidurala Anoop	GATE/13667
40	Centre for Environment	Devunoori Mahesh	GATE/9323
41	Centre for Environment	Kethavath Rajender Singh	GATE/22105
42	Centre for Environment	Pudi Siva Phanidhar	GATE/19022
43	Centre for Environment	S. Nagendra Babu	GATE/45863
44	Centre for Environment	Sukka Vijaykumar	GATE/22411
45	Centre for Environment	Thipparaboina Pranay Kumar	GATE/11605
46	Centre for Environment	Thota Aravind	GATE/16231

47	Centre for Spatial Information Technology	Bhujendhar Nella	GATE 12063
48	Centre for Spatial Information Technology	Bhukya Sruthi	GATE 30785
49	Centre for Spatial Information Technology	Dasari Premchand	GATE 33317
50	Centre for Spatial Information Technology	Jella Sravani	GATE 14964
51	Centre for Spatial Information Technology	Keshapogu Haribabu	GATE 34309
52	Centre for Spatial Information Technology	Maheshwaram Shashank	GATE 30785
53	Centre for Spatial Information Technology	Manadalapu Sai Reddy	GATE 7279
54	Centre for Spatial Information Technology	Vaidhyanadhan Deepak	GATE 5829
55	Centre for Spatial Information Technology	Vasa Srikanth	GATE 22411
56	Centre for Spatial Information Technology	Alampally Kiran Kumar	GATE 23920
57	Centre for Spatial Information Technology	Kothapelly Arunkumar	GATE 20992
58	Centre for Spatial Information Technology	Nithin Krishna Eagla	GATE13008
59	Centre for Spatial Information Technology	Paalakurthi Vivek	GATE14105
60	Centre for Spatial Information Technology	Paga Abhinay Kartheek	GATE24938
61	Centre for Spatial Information Technology	Palagoni Saidulu	GATE 14028
62	Centre for Spatial Information Technology	Patteti Karunakar	GATE45863
63	Centre for Spatial Information Technology	Suryavamshi Ganesh	GATE15932
64	Centre for Spatial Information Technology	Yadlapally Nirup	GATE16849
65	Centre for Spatial Information Technology	Nalla Chumbitha Leena	GATE37470
66	Centre for Water Resources	Anil KUMAR Butty	GATE/ 28720
67	Centre for Water Resources	Dheeti.Ajay Kumar	GATE/14697
68	Centre for Water Resources	Martha Sai Prasanna	GATE/13944
69	Centre for Water Resources	Mudavath.Sevu	GATE/ 21079
70	Centre for Water Resources	Pothuganti praveen chari	GATE/13227
71	Centre for Water Resources	Sawalkar.Balaji	GATE/ 12542

19. List of Student Toppers of B.Tech. Programmes passed out in May/June 2016 :(Not Applicable)

S. No.	Name of the Branch	Studying Year (IV/IV, III/IV etc)	Name of the Student	Percentage of Marks Secured

20. List of Student Toppers of P.G. Programmes passed out in May/June 2016:

S. No.	Name of the Programme	Name of the Specialization	Studying Year (I/II, II/III etc)	Name of the Student	Percentage of Marks Secured
1	M.Tech	Environmental Management	2014 Batch	K.Saranya	74%
2	M.Tech	Environmental Geomatics	2014 Batch	Ravi Reddy	83.53%
3	M.Tech	Water and Environmental Technology	2014 Batch	S.Kalavathi	89.26%
4	M.Tech	Nano Technology	2014 Batch	G.Alekhyia	87.8%
5	M.Tech	Nano Electronics and Photonics	2014 Batch	E.Sairam	84.6%
6	M.Tech	Spatial Information Technology	2014 Batch	Samik Saha	81%
7	M.Tech	Geo – Informatics and Surveying Technology	2014 Batch	T.Gowthami	80.67%
8	M.Tech	Chemical Technology	2014 Batch	P.Naga Nithin Kumar	84.79%
9	M.Tech	Bio Technology	2014 Batch	P.Neeraja Aparna Anand	85.2%
10	M.Tech	Bio Chemical Engineering	2014 Batch	G.Dilip Kumar	91.3%
11	M.Pharmacy	Pharmaceutics	2014-2016 Batch	Soni Priyanks	89%
12	M.Pharmacy	Pharmaceutical Analysis and Quality Assurance	2014 -2016 Batch	K.Vyshnavi Reddy	88.5%
13	M.Pharmacy	Pharmacognosy	2014-2016 Batch	B.Tejaswi	87%
14	M.Pharmacy	Pharmaceutical Chemistry	2014 Batch	Ch.Srilakshmi	81.3%
15	M.Sc	Organic Chemistry	2014 Batch	K.Sandeep	87%
16	M.Sc	Analytical	2014 Batch	T.Poornima	91%

		Chemistry			
17	M.Sc	Bio Technology	2014 Batch	Bhagyasree Sarkar	78.5%
18	M.Sc	MicroBiology	2014 Batch	K.Aswini	79%
19			2014 Batch		

21. Training and Placement Details of B.Tech. Students:(Not Applicable)

S.No.	Name of the Branch	Name of the Student	Company in which Student got placed	CTC Offered by the Company

22. Training and Placement Details of P.G. Students:

S.No.	Name of the Programme	Name of the Specialization	Name of the Student	Company in which Student got placed	CTC Offered by the Company
1.	M.Pharmacy	PA&QA	Y . Bhargav	Azint Drug Research Solution(P) Ltd	1.92 Lakhs per annum
2.	M.Pharmacy	PA&QA	J.Premsagar	Azint Drug Research Solution(P) Ltd	1.92 Lakhs per annum
3	M.Pharmacy	PA&QA	K.Pranathi	Azint Drug Research Solution(P) Ltd	1.92 Lakhs per annum
4	M.Pharmacy	PA&QA	Naga Padmavathi Bandi	Azint Drug Research Solution(P) Ltd	1.92 Lakhs per annum
5	M.Pharmacy	PA&QA	Rooparani	Azint Drug Research Solution(P) Ltd	1.92 Lakhs per annum
6	M.Pharmacy	PA&QA	Uzam Sultana	Azint Drug Research Solution(P) Ltd	1.92 Lakhs per annum
7.	M.Pharmacy	Pharmaceutics	L.Krishna Murthy	Azint Drug Research Solution(P) Ltd	1.92 Lakhs per annum
8.	M.Pharmacy	Pharmaceutics	D.Shravan Kumar	Azint Drug Research Solution(P) Ltd	1.92 Lakhs per annum
9.	M.Pharmacy	Pharmaceutical Chemistry	Vinod Kumar	Azint Drug Research Solution(P) Ltd	1.92 Lakhs per annum
10	M.Pharmacy	Pharmaceutics	S.Raju	Neuheit Pharma Technologies	1.68 Lakhs Per annum

				Pvt.Ltd	
11	M.Pharmacy	Pharmaceutics	Pranathi	Neuheit Pharma Technologies Pvt.Ltd	1.68 Lakhs Per annum
12	M.Pharmacy	Pharmaceutics	K.N.Sukanya	Neuheit Pharma Technologies Pvt.Ltd	1.68 Lakhs Per annum
13	M.Tech	Nano Technology	G. Alekhya	Accurence	3.5 Lakhs
14	M.Tech	Nano electronics & Photonics	A. Pavan Kumar	TCS	3.53 Lakhs
15	M.Tech	Nano Technology	A.Vivek	TCS	3.53 Lakhs
16	M.Tech	Nano Technology	M. Kumar	TCS	3.53 Lakhs
17	M.Tech	Nano electronics & Photonics	E. Sai Kumar	NanoSpan India Ltd	2.3 Lakhs
18	M.Tech	Nano electronics & Photonics	G. Anil Kumar	NanoSpan India Ltd	2.3 Lakhs
19	M.Tech	Biotechnology	P.Vani Sree	Stem Cyte India	3.24 Lakhs Per Annum
20	M.Tech	Biotechnology	Shehanaaz	Stem Cyte India	3.24 Lakhs Per Annum
21	M.Tech	Biotechnology	Feroz Khan	Stem Cyte India	3.24 Lakhs Per Annum
22	M.Tech	Spatial Information Technology	Voladri Ashish	Sumadhura Geomatica Pvt.Ltd.	1.5 Lakhs Per Annum
23	M.Tech	Spatial Information Technology	Kakunuri Nagarjuna	Sumadhura Geomatica Pvt.Ltd.	1.5 Lakhs Per Annum
24	M.Tech	Geo – Informatics and Surveying Technology	Gade Manoj Kumar	Sumadhura Geomatica Pvt.Ltd.	1.5 Lakhs Per Annum
25	M.Tech	Water and Environmental Technology	Mannam.Bala Chandra Reddy	GVK Bio Science	5 Lacs per Annum
26	M.Sc	Organic Chemistry	Mr. Manikanta Chandu	United States of Pharmacopea, Hyderabad	1.5 Lakhs per Annum
27	M.Sc	Organic Chemistry	Mr. Prabhakar	GVK Bio	1.8 Lakhs PA
28	M.Sc	Analytical Chemistry	Ms. Poornima	Novartis Pharma	1.8 Lakhs PA

23. Details of Students Technical Symposiums organized by college/Dept./Centre (Please attach photos of the events): Nil

S. No.	Name of the Dept./Centre	Name of the Event	Date on which Event was Conducted	No. of Students Participated

24. Details of Awards/Prizes Received by students

S. No.	Name of the Dept./Centre	Name of the Student	Name of the Award / Prize Received	Awarded by
1	Centre for Nano Science and Technology	TejaswiniAppidi	Inspire Fellow 2016	DST, Govt. of India
2	Centre for Nano Science and Technology	TejaswiniAppidi	Gandhian Youg Technological Innovation (GYTI) Award-2017	Govt. of India
3	Centre for Nano Science and	S. Goutham	International Travel Support	DST- SERB
4	Centre for Nano Science and	E. Sai Ram	PSG Nano Challenge	PSG Institute of Advanced Studies, Coimbatore
5	Centre for Environment	Dr. D. Bhagawan	PDF (UGC)	UGC, Govt. of India
6	Centre for Environment	M. Umashankar Kumar	Best volunteer for Vittiya Saksharata Abhiyan (VISAKA)	MHRD, GoI
7	Centre for Environment	M. Umashankar Kumar	Indira Gandhi National Award for Best NSS Student Volunteer	MHRD, GoI received from Hon.ble President of India,

25. Details of NSS Activities organized by students of the College (Please attach photos of the events)

S. No.	Name of the Event	Date of Conduct
1	National Adventure Training Camp (NSS)	23.11.2016 to 05.12.2016
2	International Youth Exchange Program India & China Delegation	9.11.2016 to 11.11.2016
3	University Level International Yoga Day Celebrations at JNTUH campus	21 st June, 2016
4	State Level International Yoga Day Celebration at JNTUH Campus	21 st June, 2016
5	Program Officers Meeting at JNTUH for “Telangana	3 rd July 2016

	naku Haritha Haram at HCU campus.	
6	State Level Telangana naku Haritha Haram at HCU campus	11 th July 2016
7	Clay Ganesha Workshops at SNIST Annamacharya, MLRIT in the month of August, 2016.	August, 2016.
8	Blood Donation camp at JNTUH Campus	23 rd August, 2016.
9	Independence day celebrations in the Campus at JNTUH.	15 th August, 2016
10	Digital India Workshop	11 th Sept, 2016.
11	Clay Ganesha Stall at JNTUH campus by NSS volunteers	3 rd and 4 th September, 2016.
12	TOC Training at OU Campus.	21 st -27 th September, 2016
13	Inter Youth exchange Programme between India and China	9 th Nov, 2016.
14	National Conference on Professional Social Worker on Youth Development at RGNIYD	10 th -11 th Nov, 2016.
15	National Integration Camp at Omshanthi Theater, Gurgon, Haryana	20 th -25 th Nov, 2016.
16	National Adventure Training Program at Manali	25 th Nov -4 th Dec, 2016.
17	District Level election Competition at JNTUH	8 th Dec, 2016.
18	University Level VISAKA Training at JNTUH Campus	15 th Dec, 2016.
19	International Kuchipudi Convention at Vijayawada	23 rd , 24 th and 25 th Dec, 2016
20	District Level VISAKA Campaign at JNTUHCES, Sultanpur	28 th Dec, 2016.
21	Inter District VISAKA Campaign at MIST, Khammam	29 th Dec, 2016.
22	State level Declamation Competition at Aurora's Degree College	30 th Dec, 2016.
23	University Level Advisory Board Meeting at VC chamber, JNTUH	10 th Jan, 2017
24	National Youth Festival at Rotak, Haryana	12 th – 16 th Jan, 2017.
25	University Level Young Voters Campaign at JNTUH campus	22 nd Jan, 2017
26	Skill Development Training at JNTUHCES	23 rd -27 th Jan, 2017.
27	Red Ribbon Club Training at OU	28 th Jan, 2017.
28	Voters Day celebration at Ravindra Bharathi	25 th Jan, 2017.
29	ESD Training at Park Hotel New Delhi	15 th and 16 th Feb, 2017.
30	Youth Convention on Transforming Youth for Social Harmony	17 th Feb, 2017.
31	one week Skill Enhancement Training Program at JNTUCEM.	21 st – 27 th Feb, 2017
32	Youth Empowerment workshop at Anna University Chennai	2 nd and 3 rd March, 2017.
33	National Youth Convention on VISAKA at New Delhi	8 th Mar, 2017.
34	One week Leadership Training Program at KG Reddy Engineering College.	9 th Mar, - 14 th Mar, 2017
35	International Conference on Counter Anti Terrorism at Imperial, New Delhi	14 th -16 th Mar, 2017

36	WOW event, at Rajanendra Nagar	2 nd -8 th Jan, 2017.
37	University Level Mega Camp at Sreayas	25 th -31 st Mar, 2017.
38	University Level Advisory Meeting of OU	28 th Mar, 2017.
39	National Conference on Restructuring of NSS	31 st Mar, 2017.
40	University Level Adventure training	10 th -15 th April, 2017.
41	State Level Youth Convention	16 th April, 2017.
42	State level Nature Camp	18 th -19 th April, 2017
43	State level youth workshop on conservation on biodiversity	21 st April, 2017
44	University level Youth Festival at JNTUH Campus	4 th Feb, 2017
45	State level Youth festival at JNTUH	7 th and 8 th Feb, 2017
46	State Level Skill Enhancement Training	22 nd and 23 rd April, 2017
47	State level Entrepreneurship Development Training at ATRI	24 th April, 2017
48	State Level Swachh Bharath at OU	25 th April, 2017
49	State Level Youth Empowerment Training at MLRIT	25 th April, 2017
50	State Level Folk Arts Festival at Dhruva Engg. College 2017	26 th &27 th April,
51	State Level Gender equality Training at Gurunank	28 th April, 2017
52	Inter State youth seminar on Role of NSS in promoting Indian Heritage and Culture at HITS	29 th and 30 th April, 2017
53	VISAKA CAMPAIGN	12 th Dec, 2016 -12 th Jan, 2017.

26. Details of Students Participated in various sports and games

S. No.	Name of the Student	Class & Branch	Game/Event	Hosting University / College
1	Mallika	M.Pharmacy (Pharmaceutics)	Treasure Hunt	University
2	Anusha	M.Pharmacy (Pharmaceutics)	Treasure Hunt	University
3	Teja	M.Pharmacy (Pharmaceutics)	Treasure Hunt	University
4	Archana	M.Pharmacy (Pharmaceutics)	Treasure Hunt	University

27. New Infrastructure set-up:

S. No.	Name of the Dept./Centre	Details of the Infrastructure Set-up (Creation of new Labs, new facilities etc.)	Total Cost for the Set-up (Rs. In lakhs)
1	Centre for chemical sciences and Technology	Advanced synthesis lab	7 Lakhs

2	Centre for chemical sciences and Technology	Advanced Instrumentation lab	45 Lakhs
3	Centre for Spatial Information Technology	Lan Networking	31,620
4	Centre for Spatial Information Technology	Electrical Work	61,968
5	Centre for Spatial Information Technology	Furniture and Partition	3,93,800

28. New Equipment Installed:

S.No.	Name of the Dept./Centre	Place in which Equipment was Installed	Details of the Equipment	Cost of the Equipment (Rs. In lakhs)
1	Centre for Chemical sciences and Technology	Advanced Instrumentation lab	Gas chromatography	9.5 lakhs
2	Centre for Chemical sciences and Technology	Advanced synthesis lab	Microwave synthesizer	14.75 lakhs
3	Centre for Chemical sciences and Technology	Advanced Instrumentation lab	Probe sonicator	4.7 lakhs
4	Centre for environment	CAEO Lab	Sonicator	97000.00
4	Centre for Nano Science and Technology	Characterization Lab – II , CNST	Digital Microscope	1,97,820/-
5	Centre for Nano Science and Technology	Characterization Lab – I , CNST	Pelletizer	50,000/-
6	Centre for Nano Science and Technology	Synthesis Lab, CNST	Magnetic Stirrer Operating at 500°C	40,000/-
7	Centre for Nano Science and Technology	Synthesis Lab, CNST	Magnetic Stirrer Operating at 100°C	15,000/-
8	Centre for Nano Science and Technology	Synthesis Lab, CNST	Bath Sonicator	40,000/-
9	Centre for Nano Science and Technology	Synthesis Lab, CNST	Digital Ph Meter	10,000/-
10	Centre for Nano Science and	Synthesis Lab, CNST	High Temperature Hot Plate	16,400/-

	Technology			
11	Centre for Biotechnology	Genetic Engineering Lab	Down Stream Processing	21.59 Lakhs
12	Centre for Biotechnology	Microbiology Lab	Pilot Scale Fermentor	18.71 Lakhs
13	Centre for Spatial Information Technology	Centre for Spatial Information Technology	GPS Receivers 8No.s	8.40 Lakhs
14.	Centre for Pharmaceutical sciences	FIST supported lab	Analytical HPLC	20.58 lakhs
15.	Centre for Pharmaceutical sciences	FIST supported lab	Fully automatic auto analyzer	13 Lakhs
16	Centre for Pharmaceutical sciences	SERB- supported lab	Carbondioxide incubator	2.9 Lakhs
17	Centre for Pharmaceutical sciences	SERB- supported lab	Freeze drier	5.9 Lakhs
18	Centre for Pharmaceutical sciences	SERB- supported lab	Fluorescent microscope	3.42 Lakhs
19	Centre for Pharmaceutical sciences	SERB- supported lab	Elisa reader	2.7 Lakhs
20	Centre for Pharmaceutical sciences	SERB- supported lab	Microcooling centrifuge	3.85 Lakhs

29. Details of the cultural events organized by the college/academic unit (Please attach photos of the event)

Centre for Biotechnology:

- Traditional day on 10.02.2017

Centre for Nano Science and Technology:

- Decennial Anniversary of CNST & CPS on 17th – 18th June, 2016

30. Any other relevant significant information

INTERNATIONAL CONFERENCE PUBLICATIONS:-

1	SUB Ramakrishna, S. Shiva Kumar, D. Srinivasulu Reddy, V. Himabindu, Synthesis and performance studies of nitrogen doped CNTs supported Palladium at different weight percentage loading on MEA in PEM water electrolysis, International Congress On Recent Advances In Chemistry And Chemical Engineering-2016 [ICRACACE -2016], 11-13 July 2016 At JNTUH.
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2	S. Shiva Kumar, S.U.B. Ramakrishna, D. Srinivasulu Reddy, V. Himabindu, Synthesis of Polysulfone and zirconium oxide coated asbestos composite separators for alkaline water electrolysis, International Congress On Recent Advances In Chemistry And Chemical Engineering-2016 [ICRACACE -2016], 11-13 July 2016 At JNTUH.
	S.G.Sowjanya, Ch. Sri Sai Lakshmi, Dr. V. Himabindu, Dr. C. Sarala, Recovery of hydrochloric acid from synthetic water using Diffusion dialysis Technology. International Congress on Recent Advances in Chemistry and Chemical Engineering 2016 [ICRACACE -2016], 11-13 July 2016 At JNTUH.
3	K.Srilatha, D. Bhagawan, D.Srinivasulu, V.Himabindu, comparison study between Ni/TiO ₂ and Ni/Flame synthesized TiO ₂ catalysts for hydrogen production using thermocatalytic decomposition of methane. 4 th 3R International conference on Material Cycles and Waste Management, March 8 th -10 th 2017, New Delhi, India.
4	K.Srilatha, D. Bhagawan, D.Srinivasulu, V.Himabindu, Hydrogen production over carbon catalysts using thermocatalytic decomposition of methane-Regeneration study. 4 th 3R International conference on Material Cycles and Waste Management, March 8 th -10 th 2017, New Delhi, India.
5	N.Chaitanya, V.Himabindu, M.Lakshmi Narsu, M.Vishwanadham, Reuse of dark fermentation effluent for the improvement of biohydrogen production by Photo fermentation process. 4 th 3R International conference on Material Cycles and Waste Management, March 8 th -10 th 2017, New Delhi, India.
6	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 rd -25 th march 2017, at JNTUH. ISBN: 978-93-85518-10-2.
7	S. Shiva Kumar, S. U. B. Ramakrishna, D.Srinivasulu, V.Himabindu, Performance evolution of PdRuO ₂ as anode electrocatalyst for the oxygen evolution reaction (OER) in PEM water electrolysis. International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. ISBN: 978-93-85518-10-2.
8	S. U. B. Ramakrishna, S. Shiva Kumar, D.Srinivasulu, V.Himabindu, Performance studies of sulfur doped carbon nanomaterial's supported palladium as Hydrogen Evolution Reaction (HER) electrocatalyst on cathode in Proton Exchange Membrane (PEM) water electrolysis. International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. ISBN: 978-93-85518-10-2.
9	B. Satish Kumar, N. Chaitanya, Anjaeyulu. M, Himabindu.V, Lakshmi Narasu, biohydrogen production studies on bacillus subtilis isolated from anaerobic sewage sludge. International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. ISBN: 978-93-85518-10-2.
10	G. Shankaraiah, P. Saritha, D. Bhagawan, V. Himabindu, S. Vidyavathi, Degradation of Antibiotic moxifloxacin using advanced oxidation Process (AOPs) in aqueous solutions, . International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. ISBN: 978-93-85518-10-2.
11	S. Vijaya Krishna, P. Kiran Kumar, N. Chaitanya, G. Shankaraiah, D. Bhagawan, V. Himabindu & M. Lakshmi Narasu, Biohythane production from synthetic waste water using anaerobic mixed microbial culture in upflow anaerobic sludge blanket reactor.International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. ISBN: 978-93-85518-10-2.
12	C. Mahender, V. Himabindu, synthesis of nano phase titanium dioxide (TiO ₂)in diffusion flame reactor and it application in photo-catalytic reaction. . International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. ISBN: 978-93-85518-10-2.

13	N. Chaitanya, B. Satish Kumar, D.Bhagawan, S. Vijaya Krishna, P. Kiran Kumar, V. Himabindu, Lakshmi Narasu, M. Viswanatham, substrate suitability study for the biohydrogen production using hot spring mixed consortia. International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th March 2017, at JNTUH. ISBN: 978-93-85518-10-2.
14	Solid Waste Management in Hyderabad City Using Geospatial Technologies and MIS, A.Vamshi Krishna Reddy, K.Venkateshwar Reddy, T.Vijaya Lakshmi, Dr.M.Anji Reddy in International conference on Trend Setting Innovations in Chemical Sciences & Technology – Nature Inspired Chemistry & Engineering (TSCST-NICE, 2016) P.No. 95.
15	Pollution Impact Assessment Studies of River Musi downstream area in Hyderabad, A.Vamshi Krishna Reddy, P.Krishna Murthy, T.Vijaya Lakshmi, Dr.M.Anji Reddy in International conference on Trend Setting Innovations in Chemical Sciences & Technology – Nature Inspired Chemistry & Engineering (TSCST-NICE, 2016) P.No. 96.
16	Uma adepally , Vani Gandham, T.BalaNarsaiah, P. Kirankumari, T. Chiranjeevi, D.Ravi, Y.KanakaRaju Oral presentation on “Preparation of lignin Based Adhesive from Bamboo” International conference on biotechnology & Bioengineering 23 rd -25 th March 2017.
17	Uma Adepally , Kirankumari Palety, Umakanth A.v, T. Bala Narsaiah, Venkanna Bonthu Oral presentation on “Comparative evaluation of Antioxidants of grains from sorghum varieties with fresh fruits” International conference on biotechnology & Bioengineering 23 rd -25 th March 2017.
18	Uma Adepally , VenkannaBanothu, Vikky Rajulapati, Jayalakshmi lingam Oral presentation on “Screening of biochemical tests and crude extracts of Albizia odoratissima leaves for antibacterial activity” International conference on biotechnology & Bioengineering 23 rd -25 th March 2017.

NATIONAL CONFERENCE PUBLICATIONS:-

1	N. Chaitanya, M. Viswanatham, M. Lakshmi narasu, V. Himabindu, Screening by optimizing operational parameters for coupled process of dark and photo fermentation hydrogen production using mixed culture, 104 th Indian science congress science and technology for national development, 03-07 January 2017, at SVU Tirupathi
2	S. Gana sowjanya, K. Srilatha, Ch. Sri Sai lakshmi, V. Himabindu, C. Sarala, recovery of hydrochloric acid from designed synthetic acid water using diffusion dialysis technique. National conference on innovative research in civil engineering (NCIRCE 2017 ISBN: 978 9383038 527, page No. 149-152, Mallareddy engineering college, 21 st January 2017.
3	G. Shankaraiah, P. Saritha, D. Bhagawan, V. Himabindu, S. Vidyavathi, Degradation of Antibiotic Gemifloxacin in Aqueous Solutions Using Sonochemical Process, National conference on innovative research in civil engineering (NCIRCE 2017 ISBN: 978 9383038 527, Mallareddy engineering college, 21 st January 2017.
4	Ms. K. Srilatha, D. Bhagawan, V. Himabindu, Production of hydrogen via Thermocatalytic decomposition of methane using Ni/ZnO catalyst. National conference on innovative research in civil engineering (NCIRCE 2017 ISBN: 978 9383038 527, Mallareddy engineering college, 21 st January 2017.
5	Ms.Shakeela Bhanu, kirankumar panga, V. Himabindu, Treatment of pharmaceutical waste water containing recalcitrant compounds using advanced oxidation processes. National conference on innovative research in civil engineering (NCIRCE 2017 ISBN: 978 9383038 527, Mallareddy engineering college, 21 st January 2017.
6	<i>M.Abhilash, Thatiparthi Vijaya Lakshmi and Abdul Moid “Landuse landcover change detection using</i>

	<i>Geospatial Technologies-A case study of cluster of five villages of Warangal District”, National conference on Geomatics for Natural Resource Management, , Jamia Milia Islamia University 7-9th February 2017, Delhi, India</i>
7	<i>Abdul Moid, Thatiparthi Vijaya Lakshmi and M.Abhilash “Water body extraction using RS & GIS”, National conference on Geomatics for Natural Resource Management, Jamia Milia Islamia University 7-9th February 2017, Delhi, India</i>

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