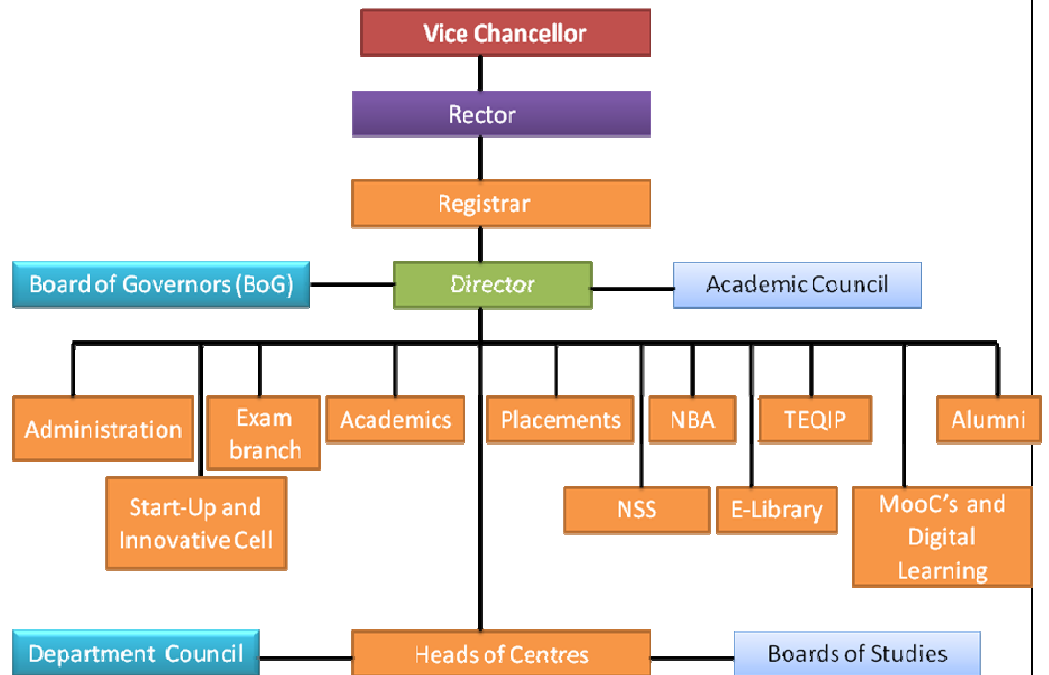


2018-2019 ANNUAL REPORT FORMAT
(Data from April 2018 to March 2019 need to be included)

About College/Unit: (Brief history of the College/Unit including name of current Principal/Director)

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 , cwr_jntu@yahoo.com
3. Year of Establishment	1989
4. Name of the Principal/ Director (with qualification)	Prof. B.Venkateswara Rao M.Sc (Tech). Ph.D Director of IST
5. Brief history about the College/Dept.	<p>In order to promote the advanced research and learning at post-graduate level in frontier areas of science and technology, the Institute of Science and Technology (IST) one of the academic wings of Jawaharlal Nehru Technological University Hyderabad (JNTUH), was established in the year 1989 as the Institute of Post-Graduate Studies and Research with ten schools offering post-graduate programmes in interdisciplinary areas of science and technology. In 2003 the Institute was renamed as the Institute of Science and Technology and subsequently UGC granted autonomous status in 2004. The Institute aims at establishing itself as a centre of excellence in science and technology by providing state-of-the-art infrastructure and congenial environment for pursuing interdisciplinary post-graduate and doctoral programmes. The institute has been striving to impart education that inspires innovative thoughts and inculcates positive attitudes in young minds towards their overall growth.</p> <p>Since its inception, the Institute has laid balanced emphasis on the pursuit of basic knowledge as well as research and development in science and technology and its applications for industrial and societal needs. Over 30 years, since its establishment, the Institute has been striving to become one of the lead centres in advanced scientific and technological education and research in India.</p>

Hierarchical Structure of Institute of Science and Technology



The centres of the Institute offer Post-Graduate and Doctoral Programmes. Most of the Post – graduate courses are NBA/PCI Accredited. Based on state-of-the-art infrastructure and facilities and the quality of research as evident by publications in peer-reviewed journals, and R&D projects, the Institute of Science and Technology has attracted the additional financial support from both national and international funding agencies viz., TEQIP, DST, DBT, UGC, CSIR, MoEF&CC , MOWR, AICTE, MOES, TSCOST, BARCMNRE etc. to the tune of Rs 2000 Lakhs in the last five years. Institute has successfully executed TEQIP phase I and II, during TEQIP-III, NPIU has recognized the IST as one of the mentoring Institute to mentor other national level educational institutes, as IST is one of the best performing Institutes among all TEQIP participating institutions in the country.

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)

Research Centres:

Centre for Alternative Energy Options(CAEO)
 Centre for Innovative Research (CIR)

	<p>VISION</p> <p>Imparting technical education that encourages independent thinking, develops strong domain of knowledge, hones contemporary skills and positive attitude towards holistic growth of young minds.</p> <p>MISSION</p> <ul style="list-style-type: none"> • Providing quality education and ethics to students. • Student centered teaching, learning processes and stimulating R&D Development. • State of the art infrastructure for professional aspirants.
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List of Courses Offered by the College/Academic Unit with Intake: (Please enclose the list)

S. No	Name of the Department /Centre	Name of the Programme	Name of the Specialization	Intake
1.	Centre for Bio Technology	M.Tech	Biotechnology	24
		M.Sc	Biotechnology	25
		M.Sc	Microbiology	25
2.	Centre for Chemical Sciences and Technology	M.Tech	Chemical Technology	24
		M.Sc	Organic Chemistry	25
		M.Sc	Analytical Chemistry	25
3.	Centre for Environment	M.Tech	Environmental Management	24
		M.Tech	Environmental Geomatics	24
4.	Centre for Nano Science and Technology	M.Tech	Nano Technology	24
5.	Centre for Pharmaceutical Sciences	M.Pharmacy	Pharmaceutical Analysis	18
		M.Pharmacy	Pharmaceutics	18
		M.Pharmacy	Pharmacognosy	18
6.	Centre for Spatial Information Technology	M.Tech	Spatial Information Technology	24
7.	Centre for Water Resources	M.Tech	Water and Environmental Technology	24

List of Courses Accredited by NBA (Both UG &PG):

S. No	Name of the UG/PG Programme	Duration of Accreditation	Current status
1.	M.Tech(Biotechnology)	NBA (Application Date 18.10.2017)	Accredited Academic Years 2018-2019 to 2020-2021 i.e up to 30.06.2021
2.	M.Tech (Chemical Technology)	Granted provisional accreditation for two years for the period(Academic Year 2016-2017 & 2017-2018 i.e.up to 30-06-2018) and extended to Academic years 2018-2019 i.e., up to 30.06.2019	—
3.	M.Tech (Environmental Management)	NBA (Application Date 18.10.2017)	Accredited Academic Years 2018-2019 to 2020-2021 i.e up to 30.06.2021
4.	M.Tech (Environmental Geomatics)	NBA (Application Date 18.10.2017)	Accredited Academic Years 2018-2019 to 2020-2021 i.e up to 30.06.2021
5.	M.Tech (Nano Technology)	Granted provisional accreditation for two years for the period(Academic Year 2016-2017 & 2017-2018 i.e.up to 30-06-2018) and extended to Academic years 2018-2019 i.e., up to 30.06.2019	—
6.	M.Tech. (Water and Environmental Technology)	NBA (Application Date 18.10.2017)	Accredited Academic Years 2018-2019 to 2020-2021 i.e up to 30.06.2021

Number of faculty members Designation wise: (Please enclose the list of faculty members – Name and Designation)

Name of the Department/Centre	Professors		Associate Professors		Assistant Professors		Total No. of Faculty Members
	Male	Female	Male	Female	Male	Female	
Permanent Faculty							
Biotechnology							
Dr. Archana Giri	-	01	-	-	-	-	01
Dr. A. Uma	-	-	-	01	-	-	01
Dr. L. Saida	-	-	-	-	01	-	01
Chemical Science and Technology							
Dr. A. Jaya Shree	-	01	-	-	-	-	01
Environment							
Dr. M. Anji Reddy	01	-	-	-	-	-	01
Dr. Ch. Sasikala	-	01	-	-	-	-	01
Dr.V.Hima Bindu	-	01	-	-	-	-	01
Dr. T. Vijaya Lakshmi	-	-	-	01	-	-	01
Nano Science and Technology							
Dr. K. Venkateswara Rao	01	-	-	-	-	-	01
Dr. Ch. Shilpa Chakra	-	-	-	-	-	01	01
Pharmaceutical sciences							
Dr. G. Krishna Mohan	01	-	-	-	-	-	01
Dr. M. Ajitha	-	01	-	-	-	-	01
Dr. S. Shobha Rani	-	-	-	01	-	-	01
Dr. M. Sunitha Reddy	-	-	-	01	-	-	01
Spatial Information Technology							
Dr.M.Viswanadham	01	-	-	-	-	-	01
Sri J. Venkatesh	-	-	01	-	-	-	01
Water Resources							
Dr. B. Venkateswara Rao	01	-	-	-	-	-	01
Dr. K. Ramamohan Reddy	01	-	-	-	-	-	01
Dr. C. Sarala	-	01	-	-	-	-	01
Dr. M.V.S.S. Giridhar	01	-	-	-	-	-	01
TOTAL	07	06	01	02	01	03	20

Professors / Asst. Professor(contr actual)	Assistant Professor (Contractual)		Professor (Contractual)		Professor (Emeritus)		BSR Fellowship		Total No. of Faculty Members
	Male	Female	Male	Female	Male	Female	Male	Female	
Centre for Biotechnology									
Dr. Ch.Kalyani	-	01	-	-	-	-	-	-	01
Dr.K.Venkatesw ar Reddy	01	-	-	-	-	-	-	-	01
Dr. B.Suresh Babu	01	-	-	-	-	-	-	-	01
Dr. P.Ranjit	01	-	-	-	-	-	-	-	01
Dr.M.Anjaneyul u	01	-	-	-	-	-	-	-	01
Dr.B. Venkanna	01	-	-	-	-	-	-	-	01
Dr.M.Lakshmi Narasu	-	-	-	-	-	-	-	01	01
Centre for Chemical Sciences and Technology									
Mr. B.F. Mathews Vara Prasad	01	-	-	-	-	-	-	-	01
Mr. A.Tejeswara Rao	01	-	-	-	-	-	-	-	01
Mrs. Bhagya Sri	-	01	-	-	-	-	-	-	01
Mrs. K.Priyanka	-	01	-	-	-	-	-	-	01
Mr. M. Shankaraiah	01	-	-	-	-	-	-	-	01
Dr. K. Naveen	01	-	-	-	-	-	-	-	01
Dr. B. Srinivasulu	-	-	01	-	-	-	-	-	01
Dr. K.Mukkanti	-	-	-	-	01	-	-	-	01
Dr. P. S. Sai Prasad	-	-	-	-	01	-	-	-	01
Centre for Environment									
Dr.A.V. Subba Rao	-	-	01	-	-	-	-	-	01
Dr.A.Vamsi Krishna Reddy	01	-	-	-	-	-	-	-	01
Centre for Nano Science and Technology									
Mr. Rakesh D	01	-	-	-	-	-	-	-	01
Centre for Pharmaceutical sciences									
Dr.M.Sandhya	-	01							01

Rani									
Mr. S.Muhammad Fazal Ul-Haq	01	-			-	-	-	-	01
Mrs. A.Srivani	-	01	-	-	-	-	-	-	01
Mrs. K.S.L.Harika	-	01	-	-	-	-	-	-	01
Mrs. Anne Vijetha	-	01	-	-	-	-	-	-	01
Centre for Spatial Information Technology									
Mr. Ballu Harish	01	-	-	-	-	-	-	-	01
Total	13	07	02	-	02	-	-	01	25
TOTAL Professors / Asst. Professor(contractual)/ Emeritus Professor/ BSR Fellow									25
Total Number of Faculty of College/Unit									45

Number of Students on Rolls:(Please provide the details Dept. wise): Not Applicable

S.No	Name of the Programme	Name of the Dept.	I Year (2018-19)	II Year (2017-18)	III Year (2016-17)	IV Year (2015-16)	V Year (2014-15)	Total No. of Students
	B.Tech.							
	IDP (B.Tech + M.Tech)							
	IDP (B.Tech + M.B.A)							

Number of Students on Rolls: (Please provide the details Specialization wise):

Name of the Department /Centre	Name of the Programme	Name of the Specialization	I Year (2018 - 19)	II Year (2017-18)	III Year (2016-17)	Total No. of Students
Centre for Biotechnology	M.Tech.	Biotechnology	13	12	Our Institution (IST)has PG Programme for 2years III year is not applicable	25
	M. Sc	Biotechnology	25	25		50
	M. Sc	Microbiology	25	20		45
Centre for Chemical Sciences and Technology	M.Tech.	Chemical Technology	12	03		15
	M. Sc	Organic Chemistry	23	25		48
	M. Sc	Analytical Chemistry	17	13		30
Centre for Environment	M.Tech.	Environmental Management	15	19		34
	M.Tech.	Environmental Geomatics	17	19	36	
Centre for Nano Science and Technology	M.Tech.	NanoTechnology	14	17	31	
Centre for	M. Pharmacy	Pharmaceutical	17	18	35	

Pharmaceutical Sciences		Analysis			
	M. Pharmacy	Pharmaceutics	18	17	35
	M. Pharmacy	Pharmacognosy	17	14	31
Centre for Spatial Information Technology	M.Tech.	Geo Informatics and Surveying Technology	-	17	17
	M.Tech.	Spatial Information Technology	17	13	30
Centre for Water Resources	M.Tech.	Water and Environmental Technology	19	17	36

Details of Patents/Copyrights Filed/Awarded:

S. No.	Name of the Department/Centre	Name of the Faculty Member	Date of Patent Filed/Awarded	Complete Details of Patent Filed/Awarded
1	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Application No. TEMP/E-1/14125/2016-CHE, 05/05/2016.	Novel fluoroquinolone compounds, Process for preparation and activity, Jaya Shree Anireddy, Tejeswara Rao Allaka, Kalyan Chakravarthy Akula, Laxmi Narsimha Venu Gopal Krishna Ramavarapu. Applied through Government of India Patent office
2	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Application No. TEMP/E-1/22237/2016-CHE, 09/07/2016.	Isolation, characterization and biological evaluation of novel components of <i>plectranthus bishopianus</i> as potent antimicrobial, antioxidant and cytotoxic agents. Jaya Shree Anireddy, Vinodh Guvvala, Naveen Polkam, Ranjitha Galla, Kalyan Chakravarthy Akula, Laxmi Narsimha Venu Gopal Krishna Ramavarapu. Applied through Government of India Patent office with
3	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Applied through CII on 28-1-2015. Patent Application No.1786 /MUM/2015 dated 5 May 2015	A Practical Synthesis of 9-[2-(R)-hydroxy propyl adenine and its use in synthesis of anti- HIV drugs, Braja sundar Pradhan, Naresh Vempala, A. Jaya Shree,
4	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Application No. TEMP/E-1/22234/2016-	Novel 1,2,3-triazole etodolac hybrid compounds, process for preparation and activity. K.

			CHE, 09/07/2016.	Bhaskar, P. Naveen, A. Jaya Shree, Applied through Government of India Patent office.
5	Centre for Environment	Dr. Ch. Sasikala	2019 patent number, 302668	A process for extraction of neurosporene from a novel phototrophic bacterium <i>Rhodobacter viridis</i> JA737 ^T and utilization thereof (Awarded)
6	Centre for Environment	Dr. Ch. Sasikala	2019 Patent No. 306366	A microbiological method using marine water for the production of neurosporene from a marine bacterium <i>Rhodovulum</i> sp. JA756 ^T and compositions containing the said pigment and process for making the same (Awarded)
7	Centre for Environment	Dr. Ch. Sasikala	2019 Patent number, 306342	A process for the isolation and purification of lycopene from <i>Rhodospirillum sulfurexigens</i> JA 143T and <i>Rhodospirillum oryzae</i> JA 318T and utilization thereof
8	Centre for Environment	Dr. V.Himabindu	2017	Electro oxidation treatment for the enhancement of dark fermentative biohydrogen production from distillery spent wash, Application Filing Receipt (AFR) no.201744020362 (filed)
9	Centre for Environment	Dr.A.Vamshi Krishna Reddy	2019	System and Method for decomposing organic and food waste
10	Centre for Pharmaceutical Sciences	Dr. M.Ajitha	01/05/2018	Synthesis of novel Indole pyrimidine derivatives 201841016412
11	Centre for Water Resources	Dr. M.V.S.S. Giridhar	24/04/2015/Filed	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
12	Centre for Water Resources	Dr. M.V.S.S. Giridhar	15/01/2016/Filed	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.

Details of Newly Granted Research Projects:

S. No.	Name of the Department	Name of the Principal	Details of the Project	Duration of the	Sanctioning Agency	Sanctioned Amount
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	/Centre	Investigator(s) & Designation		Project (Which Year to Which Year)		(Rs. In Lakhs)
1	Centre for Biotechnology	Dr. A. Uma, Assoc. Prof. & Head	Screening of sorghum Cultivars for high anti oxidant activity	2018-2020	TEQIP-III	2.0 Lakhs
2	Centre for Biotechnology	Dr. A. Uma, Assoc. Prof. & Head	Scale up of biomass pre treatment process and the generation of lignocellulosic components to produce novel biopolymers	2018-2020	HPCL	27.39Lakhs
3	Centre for Biotechnology	Dr. Archana Giri, Prof.	Enhanced production of Curcumin from hairy root rhizolclones and elicitation driven gene expression studies in Curcuma longa	2018-2020	TEQIP-III	2.0 Lakhs
4	Centre for Biotechnology	Dr. L. Saida, Asst. Prof.	In Vitro Evaluation of Antimicrobial and Antioxidant activity of Anethum graveolens	2018-2020	TEQIP-III	2.0 Lakhs
5	Centre for Environment	Dr.V.Hima Bindu Prof. & Head	Collaborated Project On “Monitoring Of Air Pollution And Studies On Speciation, Source Apportionment In Hyderabad Urban Environment” With DE Institution Dayalbagh, Agra	2018-2019	TEQIP-III	2.0 Lakhs
6	Centre for Environment	Dr. M AnjiReddy	Impact study on mission kakatiya	2018-2019	TEQIP-III	2.0 Lakhs

		Prof., R&D Director	of Telangana state-A case study of maryala water shed using geospatial technology			
7	Centre for Environment	Dr.Ch. Sasikala, Professor	Carbon sequestration using anoxygenic photoautotrophic bacteria: Potential exploitation for Climate Change Mitigation	2019-2021	AICTE (Research Promotion Scheme)	10.00 Lakhs
8	Centre for Environment	Dr.Ch. Sasikala, Professor	Studies on Microbial ecology, diversity and their Bioprospecting for Environmental Management	2019-2021	AICTE (MODROBS)	10.00 Lakhs
9	Centre for Environment	Dr.Ch. Sasikala, Professor	Diversity of an oxygenic phototrophic bacteria of marine habitats of India	2018-2019	TEQIP-III	2.0 Lakhs
10	Centre for Environment	Dr. T. Vijayalakshmi Assoc.Prof. & BOS chairperson	Surveying and mapping of agriculture and land utilization.	2018-2019	TEQIP-III	2.0 Lakhs
11	Centre for Water Resources	Dr. B. Venkateswara Rao , Director IST	Ground water modeling of subledu basin	2018-2020	TEQIP-III	2.0 Lakhs
12	Centre for Water Resources	Dr. C. Sarala Prof. & Head	Surface Water Quality Analysis and Treatment	2018-2020	TEQIP-III	2.0 Lakhs
13	Centre for Water Resources	Dr. K. Ramamohan Reddy, Prof	IDL Lake kukatpally Restoration, Conservation and Management	2018-2020	TEQIP-III	2.0 Lakhs
14	Centre for Water Resources	Dr. M.V.S.S. Giridhar, Professor	Assessment of Ground Water Quality with the effect of	2018-2020	TEQIP-III	2.23 Lakhs

			implementation of Rainwater Harvesting Structures I the Regions of Fluoride Affected Areas			
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Details of Ongoing Research Projects:

S. No.	Name of the Department /Centre	Name of the Principal Investigator (s) & Designation	Details of the Project	Duration of the Project (Which Year to Which Year)	Sanctioning Agency	Sanctioned Amount (Rs. In Lakhs)
1	Centre for Biotechnology	Dr. A. Uma, Assoc. Prof. & Head	Development of sorghum genotypes suitable for lignocellulosic Biofuel production through marker-assisted gene pyramiding of brown midrib genes	2015-2020	DBT	14.28Lakhs
2	Centre for Biotechnology	Dr. A. Uma, Assoc. Prof. & Head	Scale up of biomass pre treatment process and the generation of lignocellulosic components to produce novel biopolymers	2018-2020	HPCL	27.39Lakhs
3	Centre for Biotechnology	Dr. A. Uma, Assoc. Prof. & Head	Screening of sorghum Cultivars for high anti oxidant activity	2018-2020	TEQIP-III	2.0 Lakhs
4	Centre for Biotechnology	Dr. Archana Giri, Prof.	Enhanced production of Curcumin from hairy root rhizolclones and elicitation driven gene expression studies in Curcuma longa	2018-2020	TEQIP-III	2.0 Lakhs
5	Centre for	Dr. Archana	UGC Major	2015-	UGC	13.6Lakhs

	Biotechnology	Giri, Prof.	Research Project	2018		
6	Centre for Biotechnology	Dr. L. Saida, Asst. Prof.	In Vitro Evaluation of Antimicrobial and Antioxidant activity of Anethum graveolens	2018-2020	TEQIP-III	2.0 Lakhs
7	Centre for Chemical Sciences and Technology	Prof. Anireddy Jayashree & Head	To Strengthen The Research Facilities In The Department	2014-2019	DST-FIST	45.00Lakhs
8	Centre for Chemical Sciences and Technology	Prof. Anireddy Jayashree & Head	Synthesis, Molecular Properties, Prediction and Biological activity of citrate tagged 3-Oxodiazole derivatives of fluorofinalones	2018-2019	TEQUIP-III	2.0Lakhs
9	Centre for Chemical Sciences and Technology	Prof. Anireddy Jayashree & Head	Process Development of Genetic oncology-ActivePharmaceutical Ingredients	2017-2020	Industrial R&D project	15.0 Lakhs
10	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree & Head	MODROBS	2016-2018	AICTE	12.0 Lakhs
11	Centre for Chemical Sciences and Technology	Dr.V.Jyothi	Design Synthesis & development of E7010 & Phenastatinbased new class of anticancer agents and their biological Evaluation	2017-2020	DST-WOS-A	28.0Lakhs
12	Centre for Environment	Dr.V.Himabindu, Prof & Head	Costeffectiveandnoveltreatment methoddevelopment for the remediationandreuse of pesticide industrialwastewater	2017-2019	DST	21.07 Lakhs
13	Centre for Environment	Dr.V.Himabindu, Prof & Head	Treatment of wastewater using movable electrochemical reactor	2018-2019	MSME	4.0 Lakhs
14	Centre for Environment	Dr. Ch. Sasikala,	Biodegradation of Pharmaceuticals	2018-2020	UGC (midcareer	10.0 Lakhs

		Prof	and Personal Care Products (PPCPs): PPCP degrading bacterial diversity and their potential application in the wastewater treatment		award grant)	
15	Centre for Environment	Dr.T.Vijaya lakshmi, Assoc.Prof	NRDMS-DST sponsored network project on “Village Information System”	2015-2019	NRDMS-DST	31.0 Lakhs
16	Centre for Nano Science and Technology	Dr.K.Venkat eswara Rao Professor &Head	Synthesis & Characterization of Graphene / Metal oxide core shell nanostructures for enzymatic glucose sensing	2018-2020	TEQIP-III	2.0 Lakhs
17	Centre for Nano Science and Technology	Dr.K.Venkat eswara Rao Professor &Head	Crop production and plan nutrition and soil health management	2018-2019	Agastya Agro Limited	14.2 Lakhs
18	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra Assistant Professor	Adsorption studies and removal of fluoride from aqueous solution using Nanocomposite materials	2018-2020	TEQIP-III	2.0 Lakhs
19	Centre for Pharmaceutical Sciences	Dr. G. Krishna Mohan, Professor	Scheme (To Strengthen the research facilities in the department)	2014-2019	DST-FIST R &D	55.0 Lakhs
20	Centre for Pharmaceutical Sciences	Dr. S. Shobha Rani Assoc.prof & Head	Design Microwave synthesis of novel angiogenesis inhibitors as potential cytotoxic and DNA intercalators	2013-2017	UGC Major Research Project	14.35 Lakhs
21	Centre for Water Resources	Dr. B. Venkateswara Rao, Director, IST	Ground water modeling of subledu basin	2018-2020	TEQIP_III	2.0 Lakhs
22	Centre for Water Resources	Dr. C. Sarala, Prof & Head	Surface Water Quality Analysis and Treatment	2018-2020	TEQIP-III	2.0 Lakhs
23	Centre for Water	Dr. K. Ramamohan	IDL Lake kukatpally	2018-2020	TEQIP-III	2.0 Lakhs

	Resources	Reddy, Professor	Restoration, Conservation and Management			
24	Centre for Water Resources	Dr. M.V.S.S. Giridhar, Professor	Assessment of Ground Water Quality with the effect of implementation of Rainwater Harvesting Structures I the Regions of Fluoride Affected Areas	2018- 2020	TEQIP-III	2.23 Lakhs
25	Centre for Water Resources	Dr. M.V.S.S. Giridhar, Professor	Drinking water Augmentation to SC communities in fluoride effected area of Nalgonda district through rain water Conservation	2016- 2018	NRDMS, DST, New Delhi	5.52 Lakhs
26	Centre for Water Resources	Dr. M.V.S.S. Giridhar, Professor	Demonstration and Education of best practices in Rainwater Conservation in Fluoride affected areas.	2017- 2019	Eco-Wash	6.65 Lakhs
27	Centre for Water Resources	Dr. M.V.S.S. Giridhar, Professor	Spatiotemporal effects of Urbanization on Surface Water bodies and its impact on Soil and Vegetation Ecosystem	2018- 2020	Earthwatch	39.9 Lakhs

Details of Consultancy Works Undertaken:

S. No.	Name of the Department	Name of the Faculty	Details of Consultancy Work	Date of Award & Duration	Revenue Generated(Rs. In Lakhs)
1	Centre for Environment	Dr.V.Himabindu	Water analysis	2018-2019	0.70 lakhs
2	Centre for Environment	Dr.V.Himabindu	Assessment of water, and air quality in ORR, Hyderabad	2019-2020	4.20 lakhs
3	Centre for Water Resources	Dr. B. Venkateswara Rao, Director, IST	Identification of Cavities along Sewer Pipelines of HMWS&SB in East Maredpalli, Secunderabad using Ground Penetrating	23 th -24 th June, 2017 & 29-06-2017 to 01-07-2018	1.0 Lakhs

			Radars in 2017.		
4	Centre for Water Resources	Dr. B. Venkateswara Rao, Director, IST	Identification of pipe lines in the Kazipally industrial Area under the NGRI research project using Ground Penetrating Radar in 2018.	16 th to 20 th May 2018	2.0 Lakhs
5	Centre for Water Resources	Dr. B. Venkateswara Rao, Director, IST	Identification of civil utilities using ground penetrating radar near at bridge site in Amberpet, Hyderabad.	25 th & 26 th July 2018	0.70 lakhs
6	Centre for Water Resources	Dr. B. Venkateswara Rao, Director, IST	Identification of pipelines near sun city at Rajendranagar using GPR	21-09-2018	0.30 lakhs

Academic Distinctions/Awards Received by Faculty Members (Please attach photos if possible):

S. No	Name of the Department/ Centre	Name of the faculty member & Designation	Title of the Academic Distinction / Award	Awarded by	Year of Award
1	Centre for Environment	Dr.A.Vamshi Krishna Reddy, Asst. Prof (Contractual)	“Best Water Conservator Award – 2018”	Lee Shreyus Foundation	2018
2	Center for Environment	Dr Ch Sasikala Professor	Elected Fellow of Telangana Academy of Sciences	Telangana Academy of Sciences	2018
3	Center for Environment	Dr Ch Sasikala Professor	Elected Fellow of Academy of Microbiological sciences	Academy of Microbiological sciences of India	2018
4	Center for Environment	Dr Ch Sasikala Professor	Faculty Research Award by Careers 360	Careers 360	2018
5	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra Assistant Professor	Associate Fellow in Engineering Sciences	Andhra Pradesh Academy of Sciences	2018
6	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra Assistant Professor	Associate Fellow in Engineering Sciences	Telangana Academy of Engineering Sciences in 2019	2019



7	Centre for Water Resources	Dr. B. Venkateswara Rao, Professor & Director of IST	Fellow Institution of Engineers - 2018	Institution of Engineers	2018
8	Centre for Water Resources	Dr. B. Venkateswara Rao, Professor & Director of IST	Vice President Indian Meteorological Society (IMS)	Indian Meteorological Society	2018

Prestigious Assignments (State/National/International) Received by FacultyMembers:

Name of the Department/Centre	Name of the faculty & Designation	Prestigious Assignment	Received from
Centre for Environment	Dr. M Anji Reddy Director of R & D	Expert member of the coordinated Programme on natural resources Data management system	NRDMS-DST


Books/Chapters Authored(National/International) by FacultyMembers:

Name of the Department/Centre	Name of the faculty member & Designation	Title of the Book/Chapter and ISBN	Name of the Publisher
Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree Head	Text book of Engineering Chemistry	Wiley
Centre for Environment	V. Himabindu, Prof. & Head	Pyrolysis of Garden Waste: Comparative Study of Leucaena leucocephala (Subabul Leaves) and Azadirachta indica (Neem Leaves) wastes. ISBN : 978-981-13-2783-4	accepted for publication as Chapter 28 in Waste Valorisation and Recycling
Centre for Environment	V. Himabindu, Prof. & Head	Environmental Studies for Intermediate Board	Intermediate Board, Telangana.
Centre for Environment	V. Himabindu, Prof. & Head	A text book of Environmental studies for Intermediate students	Intermediate Board, Telangana.
Centre for Environment	Dr.A.Vamshi Krishna Reddy	Environmental Impact Assessment using Geomatics and In-situ Methods – An Initiative Towards Sustainable Development, ISBN: 978-613-838709-1.	Lap Lambert Academic Publishing
Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra Assistant Professor,	Recent Progress in Photocatalytic Water Splitting by Nanostructured TiO ₂ Carbon Photocatalysts – Influence of Interfaces, Morphological Structures and Experimental Parameters	Integrated Green Chemistry and Sustainable Engineering, (23–56) © 2019 Scrivener

			Publishing LLC
Centre for Water Resources	Dr. C. Sarala, Prof & Head Dr. B. Venkateswara Rao, Prof & Director, IST Prof. K. Ramamohan, Reddy, Prof. .M.V.S.S. Giridhar	Proceedings of the 5 th International Conference on “Hydrology and Watershed Management” held at JNT University. / ISBN:978-93-88305-71-6)	BSP Publishers, Hyderabad, 763p.
Centre for Water Resources	Dr.M.V.S.S Giridhar Professor	Proceedings of 5 th National conference on Water, Environment and Society NCWES-2018,ISBN: 978-93-87593-72-5	BS Publications

Overseas Assignments/Visits by Faculty Members (Please attach photos if possible):

Name of the Department/Centre	Name of the faculty member & Designation	Purpose of Visit	Place of Visit	Year of Visit
Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree Head	Industrial Visit	IICT, Hyderabad	14 th December 2018
Centre for Chemical Sciences and Technology	Dr. P. S. Sai Prasad (Emertius)	Industrial Visit	IICT, Hyderabad	14 th December 2018
Centre for Chemical Sciences and Technology	Prof. B. Srinivasulu Professor (Contract)	Industrial Visit	IICT, Hyderabad	14 th December 2018
Centre for Chemical Sciences and Technology	Mrs. K. Bhagyasri Assistant Professor (Contract)	Industrial Visit	IICT, Hyderabad	14 th December 2018
Centre for Chemical Sciences and Technology	Mrs. K. Priyanka Assistant Professor (Contract)	Industrial Visit	IICT, Hyderabad	14 th December 2018
Centre for Chemical Sciences and Technology	Mr. K. Naveen, Assistant Professor (Contract)	Industrial Visit	IICT, Hyderabad	14 th December 2018
Centre for Chemical Sciences and Technology	Mr. M. Shankariah, Assistant Professor (Contract)	Industrial Visit	IICT, Hyderabad	14 th December 2018
Centre for Chemical	Mr. A. Tejeswara Rao,	Industrial Visit	IICT, Hyderabad	14 th December

Sciences and Technology	Assistant Professor (Contract)			2018
Center for Environment	Dr Ch Sasikala, Professor	Invited talk at National Seminar	Social welfare residential degree college, Jgityal, at Korutla	25 February 2019
Center for Environment	Dr Ch Sasikala, Professor	Invited talk at International conference	A annual conference of Association of Microbiologists of India,	11 December 2018
Center for Environment	Dr Ch Sasikala, Professor	Invited talk at International training course	Environmental protection training research Institute,Hyd.	28 August 2018
Centre for Pharmaceutical Sciences	Dr. M. Sunitha Reddy, Associate Professor & BoS Chairperson	International Conference 	Thailand	15 th & 16 th October 2018
Centre for Spatial Information Technology	B.Harish, Assistant Professor (Contract)	Industrial Visit	NRSC, Shadnagar	2019
Centre for Spatial Information Technology	T.Jaya Babu, Technical Assistant Gr-I	Industrial Visit	NRSC, Shadnagar	2019
Centre for Spatial Information Technology	K.Maruthi Rao, Technical Assistant	Industrial Visit	NRSC, Shadnagar	2019

Faculty Obtained 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 Biotechnology	Dr. P. Ranjit	Evaluation of Biological activities of Pimpenella Tirupatiensis extracts and transcriptome analysis for mapping of Terpenoid pathway.	22 nd June, 2018
2	Centre for	Dr.	Isolation and Characterization of	22 nd June,

	Biotechnology	Venkanna Banothu	Antimicrobial Compounds from selected plant extracts against Bacterial strains of skin exudates.	2018
3	Centre for Biotechnology	Dr. Ch. Kalyani	Effect of kaempferol on the growth of human cancer cells and its potentiation effect on conventional chemotherapeutic drugs – An insight into its molecular mechanisms.	21 st August, 2018
4	Centre for Biotechnology	Dr. B. Suresh Babu	Evaluation of Biological Activity of Elytraria acaulis. L.	24 th November, 2018

Ph.D. Scholars Supervised by the Faculty Members:

S. No	Name of the Department/Centre	Name of the faculty member & Designation	No. of Ph.D. Scholars Supervised
1	Centre for Biotechnology	Dr. A. Uma, Assoc. Prof. & Head	01
2	Centre for Biotechnology	Dr. Archana Giri, Prof.	02
3	Centre for Biotechnology	Dr. L. Saida Naik, Asst. Prof.	03
4	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree Professor of Chemistry & HOD, BOS Chemistry.	12
5	Centre for Chemical Sciences and Technology	Dr. K. Mukkanti Professor of Chemistry, Emeritus professor, CCST	12
6	Centre for Environment	Dr.V. Himabindu Prof. & Head	02
7	Centre for Environment	Dr. Ch. Sasikala Prof.	01
8	Centre for Nano Science and Technology	Dr.K.Venkateswara Rao,Professor& Head	05
9	Centre for Pharmaceutical Sciences	Dr. S. Shobha Rani Associate Professor & Head	04
10	Centre for Pharmaceutical Sciences	Dr. M.Ajitha Professor & O.I.E , IST,JNTUH	10
11	Centre for Pharmaceutical Sciences	Dr. M. Sunitha Reddy Associate Professor & BoS Chairperson	02
12	Centre for Pharmaceutical Sciences	Dr. G.Krishna Mohan Professor	10
13	Centre for Spatial Information Technology	Dr.M.Viswanadham Prof.	02
14	Centre for Water Resources	Dr. B. Venkateswara Rao Professor& Director IST	01
15	Centre for Water Resources	Dr.M.V.S.S Giridhar Professor	01

Details of Conferences/Seminars/Workshops Organized by Faculty members:

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
1	Centre for Biotechnology	Dr. A. Uma	Workshop	“National level Competition for Bioscience students in Association with BEC on 2k-18-19 IIT Delhi Event & Make Intern (A2 day workshop on Basic Techniques in Molecular Biology”.	CBT, IST, JNTUH	23 rd to 24 th July, 2018
2	Centre for Biotechnology	Dr. A. Uma	Organized a 3 day workshop	“Fundamentals of CRISPR-Applications in Genome Editing”.	CBT, IST, JNTUH	27 th to 29 th September, 2018 (TEQIP-III)
3	Centre for Biotechnology	Dr. A. Uma	Organized a 3 day workshop	Migration, Navigation and Biomimicking Aerial Vehicles.	CBT, IST, JNTUH	1 st to 3 rd November, 2018 (TEQIP-III)
4	Centre for Biotechnology	Dr. A. Uma	Co-convener workshop	“Emerging Trends In Patents and IPR and Future Implications”.	CBT, IST, JNTUH	24 th April, 2018 (TEQIP-III)
5	Centre for Biotechnology	Dr. Archana Giri	Organized One day workshop	“Emerging Trends In Patents and IPR and Future Implications”.	CBT, IST, JNTUH	24 th April, 2018 (TEQIP-III)
6	Centre for Biotechnology	Dr. L. Saida Naik	A Two day work shop	“Recent Trends In Optimization Studies for Engineering Applications” Agra.	CBT, IST, JNTUH	13 th to 14 th August, 2018 (TEQIP-III)

7	Centre for Biotechnology	Dr. L. Saida Naik	Co-convenor workshop	“Fundamentals of CRISPR-Applications in Genome Editing	CBT, IST, JNTUH	27 th to 29 th September, 2018 (TEQIP-III)
8	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	DST-Inspire Internship Science Camp	DST-Inspire Internship Science Camp	UGC-Auditorium JNTUH	13 th to 17 th December, 2018
9	Centre for Environment	Dr. T.Vijayalakhsmi	workshop	One day workshop on occasion of earth day programme	JNTUH	23-04-2018 TEQIP-III
10	Centre for Environment	Dr. M.Anjireddy	National seminar	One day national survey day seminar on geospatial technology in surveying & mapping	JNTUH	10-04-2018 TEQIP-III
11	Centre for Environment	Dr. V.Himabindu	Workshop	Three day workshop on Environment Health and safety (EHS)	JNTUH	30 th April-2 nd May, 2018 TEQIP-III
12	Centre for Environment	Dr. V. Himabindu	Workshop	Two day workshop on NBA filling and co-po mapping	Dayalbagh educational institute	18 th & 19 th December 2018
13	Centre for Environment	Dr. V. Himabindu	Workshop	3 day Workshop on Industrial Waste Management(IWM)	JNTUH	08 th -10 th August 2018 TEQIP-III
14	Centre for Environment	Dr. Ch. Sasikala	Workshop	Twoday workshop hands on advanced technologies in identifications of bacteria and rapid methods for determination of microbiological quality of water	JNTUH	27 th & 28 th November 2018 TEQIP-III
15	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Workshop	One day Workshop on NPTEL	JNTUH	24-08-2018
16	Centre for Nano Science and	Dr. K Venkateswara Rao	Conference	One day international Pre-conference	JNTUH	03-10-2018

	Technology			workshop on Nano Instrumentation and characterization Techniques		
17	Centre for Nano Science and Technology	Dr. K Venkateswar a Rao	Conference	2nd International Conference on Nano Science & Engineering Applications (ICONSEA-2018)	JNTUH	04-10-2018 to 06-10-2018
18	Centre for Nano Science and Technology	Dr. K Venkateswar a Rao	Workshop	Energy Materials and Innovative challenges and Its applications GAIN Workshop	JNTUH	06-10-2018 to 11-10-2018
19	Centre for Nano Science and Technology	Dr. K Venkateswar a Rao	Workshop	Two day workshop on 3D Printer Technology and its Fabrication	JNTUH	15-03-2019 to 16-03-2019
20	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Conference	One day international Pre-conference workshop on Nano Instrumentation and characterization Techniques	JNTUH	03-10-2018
21	Centre for Environment	Dr. V. Himabindu	Workshop	Two day workshop on NBA filling and co-po mapping	Dayalbagh Educationa l Institute	18 th & 19 th December 2018
22	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Conference	2nd International Conference on Nano Science & Engineering Applications (ICONSEA-2018)	JNTUH	04-10-2018 to 06-10-2018
23	Centre for Nano Science and	Dr.Ch. Shilpa Chakra	Workshop	Two day workshop on 3D Printer	JNTUH	15-03-2019 to 16-03-2019

	Technology			Technology and its Fabrication		
24	Centre for pharmaceutical sciences	Dr. M. Sunitha Reddy	National	VII Convocation Programme	UGC, HRDC JNTUH	09 th May 2018
25	Centre for pharmaceutical sciences	Dr. M. Sunitha Reddy	National	Inspirational teaching methods and research in pharmaceutical sciences –Hands on training and analytical equipments	IST, Seminar Hall	28 th -30 th June, 2018
26	Centre for pharmaceutical sciences	Dr. M. Sunitha Reddy	National	Alumni Meet Come and Catch up with your pals	IST, Seminar Hall	02 nd February 2019
27	Centre for Water Resources	Dr. M.V.S.S. Giridhar	Conference	5 th National Conference on Water, Environment and Society (NCWES-2018)	Seminar Hall, Ground Floor, Auditorium , New IST Building JNTUH.	04 th – 06 th June 2018
28	Centre for Water Resources	Dr. C. Sarala	International Conference	International Conference on Hydrology and Watershed Management with a focal theme on “Urban Water Management for Sustainable Development”	UGC Auditorium , JNTUH	12-15 th February, 2019.
29	Centre for Water Resources	Dr. B. Venkateswara Rao	International Conference	International Conference on Hydrology and Watershed Management with a focal theme on “Urban Water Management for Sustainable Development”	UGC Auditorium , JNTUH	12-15 th February, 2019.
30	Centre for Water Resources	Dr. B. Venkateswara Rao	Workshop	one day workshop on Mobilizing the Earth to end Plastic Pollution on the occasion	Auditorium , New IST Building, JNTUH.	22nd April, 2019

				the Earth day 2018		
31	Centre for Water Resources	Dr.K.Ramamohan Reddy	Workshop	Two day Workshop on World Summit an accreditation.	New Delhi	08 th -09 th September 2018

Details of Refresher Courses/Orientation Courses/ Extension Lectures/FDPs Conducted by Faculty members:

S. No	Name of the Dept./Centre	Name of the Conducting Faculty	Nature of the Event	Title of the Event	Venue	Date(s)on which Event Conducted
1	Centre for Biotechnology	Dr. A. Uma,Assoc .Prof	Faculty Development Program	Conducted a 3 day training program on "Outcome Based Education & NBA Accreditation".	CBT, IST, JNTUH	25 th to 27 th July, 2018 (TEQIP-III)
2	Centre for Environment	Dr. V. Himabindu	Short term course	Short Term course on "Air pollution control technologies (GIAN program under MHRD)	JNTUH	8 th Oct. – 12 th Oct., 2018 (GIAN program under MHRD)
3	Centre for Environment	Dr. V. Himabindu	Short term course	Short term course on Advanced Numerical Modeling of Meteorology and Emissions for Air Quality Modeling (GIAN program under MHRD)	JNTUH	29 th Oct. – 02 nd Nov., 2018 (GIAN program under MHRD)
4	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Invited Talk	Carbon Nano Materials and its Application	CNST, IST, JNTUH	05.07.2018
5	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Invited Talk	Introduction to Nano Circuits	CNST, IST, JNTUH	10.07.2018
6	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Invited Talk	Long Term effects of some flame retardant	CNST, IST, JNTUH	10.07.2018
7	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Invited Talk	NanoTechnology for Gas Sensors.	CNST, IST, JNTUH	07.08.2018

8	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Invited Talk	Catalysis, Nanomaterials and Energy systems	CNST, IST, JNTUH	07.08.2018
9	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Invited Talk	Nanomaterial applications	CNST, IST, JNTUH	25.08.2018
10	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Invited Talk	Nano Crystalline Thin Film	CNST, IST, JNTUH	29.11.2018
11	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Invited Talk	Synthesis and Characterization of Nano Materials	CNST, IST, JNTUH	10.12.2018
12	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Invited Talk	Materials for Li & Na Batteries from a Materials Science Point of View	CNST, IST, JNTUH	19.01.2019
13	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Invited Talk	Computer Aided Drug Design : overview and case studies	CNST, IST, JNTUH	02.03.2019
14	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Invited Talk	Carbon Nano Materials and its Application	CNST, IST, JNTUH	05.07.2018
15	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Invited Talk	NanoTechnology for Gas Sensors.	CNST, IST, JNTUH	07.08.2018
16	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Invited Talk	Nanomaterial applications	CNST, IST, JNTUH	25.08.2018
17	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Invited Talk	DNA Computing	CNST, IST, JNTUH	14.11.2018
18	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Invited Talk	“Nanocellular therapeutic applications	CNST, IST, JNTUH	19.03.2019
19	St Francis College for Women Begum pet	Dr. M.Sunitha Reddy	Guest Lectures	Career Opportunities for Pharmacy graduates	Seminar Hall, St Francis College for women	05 th May 2018
20	Centre for Pharmaceutical Sciences	Dr. S.Shobha Rani	Short Term Course	Continuing Education Programme	CPS,IST, JNTUH	28.06.2018 to 30.06.2018
21	UGC –HRDC	Dr.	Short Term	Gender	UGC	30.07.2018

	JNTUH	M.Sunitha Reddy	Course	Sensitization	Auditorium	to 04.08.2018
22	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	National	Pharmacist your expert on medicines	CMR College of Pharmacy Hyderabad	25 th September 2018
23	UGC –HRDC JNTUH	Dr. S.Shobha Rani	Refresher Course	Emerging trends and novel research approaches in Pharmaceutical Sciences	UGC Auditorium	17.09.2018 to 10.10.2018
24	UGC –HRDC JNTUH	Dr. M.Sunitha Reddy	Short Term Course	MOOCs e-content development & open Educational Resources	UGC Auditorium	03.01.2019 to 08.01.2019
25	Centre for Spatial Information Technology	Dr.C.Sarala	Training Programme	Intermediate GIS concepts	CSIT	14.03.2019 to 16-03-2019
26	Centre for Spatial Information Technology	Dr.C.Sarala	Training Programme	Global Navigation Satellite System	CSIT	01 st to 03 rd , August 2018
27	Centre for Spatial Information Technology	Dr.C.Sarala	Training Programme	QGIS	CSIT	27 th August,2018

Details of Conferences/Seminars/Workshops Attended by Faculty members (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 Biotechnology	Dr. B. Suresh Babu	work shop	2 Day work shop on “3D Printer Technology and its Fabrication”	IST, JNTUH	15 th to 16 th March, 2019
2	Centre for Biotechnology	Dr. Ch. Kalyani	work shop	2 Day work shop on “3D Printer Technology and its Fabrication”	IST, JNTUH	15 th to 16 th March, 2019
3	Centre for Biotechnology	Dr. K. Venkateswar Reddy	work shop	2 Day work shop on “3D Printer Technology and its Fabrication”	IST, JNTUH	15 th to 16 th March, 2019

4	Centre for Biotechnology	Dr. Venkanna Banothu	work shop	2 Day work shop on "3D Printer Technology and its Fabrication"	IST, JNTUH	15 th to 16 th March, 2019
5	Centre for Biotechnology	Dr. P. Ranjit	work shop	2 Day work shop on "3D Printer Technology and its Fabrication"	IST, JNTUH	15 th to 16 th March, 2019
6	Centre for Biotechnology	Dr. M. Anjaneyulu	work shop	2 Day work shop on "3D Printer Technology and its Fabrication"	IST, JNTUH	15 th to 16 th March, 2019
7	Centre for Biotechnology	Dr. M. Anjaneyulu	QIP short term course	Recent Advances RNA Biology	IISc. Bangalore	3 rd to 7 th December, 2018
8	Centre for Biotechnology	Dr. P. Ranjit	QIP short term course	Recent Advances RNA Biology	IISc. Bangalore	3 rd to 7 th December, 2018
9	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Workshop	ACS on campus IICT Hyderabad	CSIR-IICT Hyderabad	07-02-2019
10	Centre for Chemical Sciences and Technology	Dr. K. Mukkanti	Conference	5th International Conference on Hydrology and Watershed Management with a Focal Theme on "Urban Water Management for Sustainable Development"	Jawaharlal Nehru Technological University Hyderabad	12 th to 15 th February, 2019
11	Centre for Chemical Sciences and Technology	Dr. P. S. Sai Prasad	Workshop	ACS on campus IICT Hyderabad	CSIR-IICT Hyderabad	07-02-2019
12	Centre for Chemical Sciences and Technology	Dr. P. S. Sai Prasad	Seminar	Short Course on Applied Rheology By Thomas Mezger, Hyd.	Osmania University Hyderabad	05-02-2019
13	Centre for Chemical Sciences and Technology	Mrs. K. Bhagyasri	Workshop	Two Day National Workshop on 3D Printer Technology and its Fabrication	Centre for Nano Sciences & Technology, IST, JNTUH	15 th to 16 th March 2019
14	Centre for Chemical Sciences and	Mrs. K. Bhagyasri	Seminar	Short course on Surface area and porous material	JNTUH, Hyderabad	13-03-2019


	Technology			Characterization		
15	Centre for Chemical Sciences and Technology	Mrs. K. Bhagyasri	Workshop	Two Day National Workshop on Preparing for NBA Accreditation & SAR Filling	Department of Mechanical Engg. JNTUHCEH	18 th to 19 th February, 2019
16	Centre for Chemical Sciences and Technology	Mrs. K. Bhagyasri	Workshop	ACS on campus IICT Hyderabad	CSIR-IICT Hyderabad	07-02-2019
17	Centre for Chemical Sciences and Technology	Mrs. K. Bhagyasri	Seminar	Short Course on Applied Rheology By Thomas Mezger, Hyd.	Osmania University Hyderabad	05-02-2019
18	Centre for Chemical Sciences and Technology	Mrs. K. Priyanka	Workshop	Two Day National Workshop on 3D Printer Technology and its Fabrication	Centre for Nano Sciences & Technology, IST, JNTUH	15 th to 16 th March 2019
19	Centre for Chemical Sciences and Technology	Mrs. K. Priyanka	Seminar	Short course on Surface area and porous material Characterization	JNTUH, Hyderabad	13-03-2019
20	Centre for Chemical Sciences and Technology	Mrs. K. Priyanka	Workshop	Two Day National Workshop on Preparing for NBA Accreditation & SAR Filling	Department of Mechanical Engg. JNTUHCEH	18 th to 19 th February, 2019
21	Centre for Chemical Sciences and Technology	Mrs. K. Priyanka	Workshop	ACS on campus IICT Hyderabad	CSIR-IICT Hyderabad	07-02-2019
22	Centre for Chemical Sciences and Technology	Mrs. K. Priyanka	Seminar	Short Course on Applied Rheology By Thomas Mezger, Hyd.	Osmania University Hyderabad	05-02-2019
23	Centre for environment	Dr. T.Vijaya Lakshmi	Governing body meeting	Attended ISG, Governing body meeting	ISG, Hyderabad	17 th April 2018
24	Centre for environment	Dr. T.Vijaya Lakshmi	Workshop	Conference on Enhancing Energy Efficiency in Captive Power Plants	HICC NOVOTEL COMPLEX	17 th MAY 2018
25	Centre for environment	Dr.T.Vijaya Lakshmi	Workshop	participated in IPR workshop	JNTUH	24-04-2018






26	Centre for environment	Dr. V.Himabindu	Workshop	participated in IPR workshop	JNTUH	24-04-2018
27	Centre for environment	Dr. Ch. Sasikala	Expert Lecture	Visit was to establish R&D activities, and expert lectures and Participated in one day workshop on “Recent Trends in Sustainable Green Technologies”	Dayalbagh Educational Institution, Agra	3 rd -5 th May 2018
28	Centre for environment	Dr. T.Vijaya Lakshmi	Workshop	Visit was to establish R&D activities, and expert lectures and Participated in one day workshop on “Recent Trends in Sustainable Green Technologies	Dayalbagh Educational Institution, Agra	3 rd -5 th May 2018
29	Centre for environment	Dr. T.Vijaya Lakshmi	expert lecture	Delivered a expert lecture on CEMENTECH organised by CII	CII Hyderabad	17 th and 18 th May 2018
30	Centre for environment	Dr.Ch. Sasikala	Seminar	A national seminar on “Celebrating 25 years of action on Biodiversity” held on the eve of International Day for Biodiversity	National Biodiversity Authority at Hyderabad,	22-5-2018.
31	Centre for environment	Dr.ch. Sasikala	Workshop	Workshop on IP strategy and monetization,	Hotel Novotel, Hyderabad.	10-8-2018
32	Centre for environment	Dr. V. Himabindu	Workshop	Lecture given on Alternative energy options during Workshop on Alternative Energy options for MSMEs on eve of world environmental day	MSMEs, Hyderabad	6 th June-2018
33	Centre for environment	Dr. T.Vijaya Lakshmi	conference	Participated in one day conference on Building Infra “Geospatial	Hotel Radisson, Hi-tech City, Hyderabad	8 th June 2018

				Technologies”		
34	Centre for environment	Dr. T.Vijaya Lakshmi	Meeting of Harithaharam	Attended “Action Plan Meeting of Harithaharam 2018	Govt of Telangana Hyderabad	14 th June 2018
35	Centre for environment	Dr.ch. Sasikala	Live lesson	Live lesson on T-SAT Special Live telecast, Topic Environment Protection-Microorganisms for Environmental Management and Human welfare.	Hyderabad,	18-8-2018.
36	Centre for environment	Dr.ch. Sasikala	Invited talk	International training course on Environmental genomics	Environmental protection training research Institute, Hyderabad	28-8-2018
37	Centre for environment	Dr.ch. Sasikala	Invited talk	International training course on Environmental genomics	Environmental protection training research Institute, Hyderabad	29-8-2018
38	Centre for environment	Dr. V. Himabindu	seminar	Attend a One-day seminar on “environmental biotechnology-sustainable approach to protect nature” 15 th september 2018	Department of Genetics & Biotechnology, University College for Women, Koti, hyderabad	15 the Septembere r 2018
39	Centre for environment	Dr.V. Himabindu	National Conference	Two day National Conference on Environmental Pollution Monitoring and Remediation 2019	Vikram Simhapuri University Nellor	7 th February, 2019
40	Centre for environment	Dr.V. Himabindu	Work Shop	Global Initiative academic network evaluation workshop	NUEPA,Delhi	5 th & 6 th February, 2019
41	Centre for environment	Dr.V. Himabindu	One day Program	One day brainstorming on “Frothing lakes: Causes and Mitigation”	Hyd	9 th January ,2019
42	Centre for Environment	Dr.T.Vijaya LAKshmi	Workshop	Round table Discission on River basin management bill	JNTUH,Hyd	1 st Dec,2018

				2018		
43	Centre for environment	Dr.A.Vamshi Krishna Reddy	Training Program	Three Week Certificate course on Environmental Impact Assessment under GSDP	EPTRI,Hyd	23 rd Jan,2019
44	Centre for environment	Dr.A.Vamshi Krishna Reddy	Training Program	Three Week Certificate course on Environmental Impact Assessment under GSDP	EPTRI,Hyd	23 rd Jan,2019
45	Centre for Environment	Dr.A.Vamshi Krishna Reddy	National Seminar	Two day National Seminar on Geospatial Technology for Environmental sustainability at Indian scenario	KHIT Engg.College Guntur	13 th March,2019
46	Centre for Environment	Dr.M,Anji Reddy	InterNational Conference	International Conference on Environmental & Ecological sustainability: Engaging the stake holders	Ignou, NewDelhi	4 th & 5 th October,2018
47	Centre for Environment	Dr.M,Anji Reddy	National Conference	National Conference on Water Environment and Society	JNTUH,Hyd	4 th to 6 th , June ,2018
48	Centre for Environment	Dr.A.Vamshi Krishna Reddy	Training Programme	ONE WEEK Training Programme on “Advanced Numerical Modeling of Meteorology and Emissions for Air Quality Modeling”	JNTUH College of Engineering Hyderabad	29 th to 02 nd October, 2018
49	Centre for Environment	Dr.A.Vamshi Krishna Reddy	Training Programme	ONE WEEK Training Programme on “Air Pollution Control Technologies”	JNTUH College of Engineering Hyderabad	8 th to 12 th October, 2018
50	Centre for Environment	Dr.A.Vamshi Krishna Reddy	Training Programme	Five Day Training Program on “Geospatial Inputs for Enabling Master Plan Formulation under AMRUT Sub-Scheme”	Indian Institute of Remote Sensing (IIRS),India	23 rd – 27 th July, 2018

51	Centre for Environment	Dr.A.Vamshi Krishna Reddy	Training Programme	One day Training Program on “QUANTUM GIS”	CSIT,IST,JNTU,Hyd	27 th August, 2018
52	Centre for Environment	Dr.A.Vamshi Krishna Reddy	Training Programme	Three Day Training Program on “ Global Navigation Satellite System”	CSIT,IST,JNTU,Hyd	1 st - 3 rd , August, 2018
53	Centre for Environment	Dr.A.Vamshi Krishna Reddy	National Conference	One Day National Conference on Remote Sensing Applications – 2018 (NCRSA-2018)	Department of Civil Engineering, JNTUH	24 th April, 2018
54	Centre for Environment	Dr.A.Vamshi Krishna Reddy	National Conference	Telangana Environment Congress – 2018	Centre for Environment and Development, Hyderabad	22 nd & 23 rd March, 2018
55	Centre for Environment	Dr.A.Vamshi Krishna Reddy	International Conference	GWF-2018 (Geospatial World Forum)	HICC,Hyd	17 th – 19 th January 2018
56	Centre for Environment	Dr.A.Vamshi Krishna Reddy	workshop	Three Day Workshop on “Fundamentals of CRISPR – Applications in Genome Editing”	IST,JNTUH	27 th to 29 th September, 2018
57	Centre for Environment	Dr.A.Vamshi Krishna Reddy	workshop	Two Day Workshop on “Recent Trends in Optimization Studies for Engineering Applications”	IST,JNTUH	13 th to 14 th August, 2018
58	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Workshop	MOOCS & Open Educational Resources	JNTUH	21-05-2018
59	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Workshop	Induction Training programme for faculty in Universities/Colleges/Institutes of Higher education	Teaching Learning centre NIT Warangal	21-05-2018 to 17-06-2018
60	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Workshop	NPTEL Workshop	ICESR Auditorium IIT Madras	14-07-2018
61	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Workshop	SPOC felicitation cum awareness workshop	’’IIT Madras,	19-01-2019
62	Centre for Nano	Dr. K	Seminar	UGC-sponsored	Andhra Loyola	05-03-2019

	Science and Technology	Venkateswar a Rao		National Seminar on “Emerging Materials for Green Environment (EMGE2k19),	College, Krishna District, Andhra Pradesh.	to 06-03-2019
63	Centre for Nano Science and Technology	Dr. K Venkateswar a Rao	Workshop	IEEE workshop- Nano-enabled IoT	CeNSE, IISc Bangalore	11-03-2019 to 12-03-2019
64	Centre for Nano Science and Technology	Dr. K Venkateswar a Rao	Conference	International Conference on Applied Nanoscience & Nanotechnology	Alagappa University, Karaikudi, Tamilnadu	18-03-2019 to 19-03-2019
65	Centre for Nano Science and Technology	Dr. K Venkateswar a Rao	Seminar	Two day National Seminar on MOODS- MOODLE’S as Resource Person	Andhra Loyola College, Krishna District, Andhra Pradesh.	22-03-2019 to 23-03-2019
676	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Workshop	Migration, Navigation and Bio-Mimicking Aerial vehicles	IST JNTUH	01-11-2018 to 11-11-2018
68	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Workshop	Recent trends in optimization studies for engineering applications	IST JNTUH	13-08-2018 to 14-08-2018
69	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Workshop	Environmental Health and safety	IST JNTUH	30-04-2018 to 02-05-2018
70	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Workshop	Emerging trends in Patents and IPR & Future applications	IST JNTUH	24-04-2018
71	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Workshop	Preparing for NBA application and E-SAR filling	JNTUCEH	18-02-2019 to 19-02-2019
72	Centre for Pharmaceutical Sciences	Dr. G. Krishna Mohan	National	Clinical Pharmacist Advancing Pharmacy Practice and Patient care 	Indian Association of Colleges of Pharmacy New Delhi	28 th & 29 th April 2018
73	Centre for Pharmaceutical Sciences	Dr. G. Krishna Mohan	International	Theme Focus on Innovation to Remain Globally Competitive in	Guru Nanak Institutions	3 rd & 4 th August 2018

				Pharma Sector 		
74	Centre for Pharmaceutical Sciences	Dr. S.Shobha Rani	International	Theme Focus on Innovation to Remain Globally Competitive in Pharma Sector 	Guru Nanak Institutions	3 rd & 4 th August 2018
75	Centre for Pharmaceutical Sciences	Dr. M.Ajitha	International	Theme Focus on Innovation to Remain Globally Competitive in Pharma Sector	Guru Nanak Institutions	3 rd & 4 th August 2018
76	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	National	2 nd Leadership Development conclave 	Indian Association of Colleges of Pharmacy New Delhi	15 th - 17 th September 2018
77	Centre for Nano Science and Technology	Dr. S.Shobha Rani	International	2 nd International Conference on Nano Science Engineering Applications-2018 	JNTUH Auditorium	04 th to 6 th October 2018
78	Centre for Pharmaceutical Sciences	Dr. M. Sunitha Reddy	International	A world Conference on Pharmaceutical Sciences 	Thailand	15 th &16 th October 2018
79	Centre for Pharmaceutical Sciences	Dr. M. Sunitha Reddy	International	At Pharmacon	Goa	23 rd December 2018

						
80	Centre for Spatial Information Technology	Dr.M.Viswantham	Conference	Water, Environment and Society (NCWES-18)	CWR,IST, JNTUH	04 th -05 th June 2018
81	Centre for Spatial Information Technology	Sri.J.Venkatesh	Conference	Water, Environment and Society (NCWES-18)	CWR,IST, JNTUH	05 th -07 th June 2018
82	Centre for Spatial Information Technology	Sri. J. Venkatesh	International Conference	Urban Water Management for Sustainable Development	CWR,IST, JNTUH	12 th - 15 th February 19
83	Centre for Water Resources	Dr. B. Venkateswara Rao	International Conference	International Conference on Hydrology and Watershed Management with a focal theme on “Urban Water Management for Sustainable Development”	UGC Auditorium, JNTUH	12 th -15 th February, 2019.
84	Centre for Water Resources	Dr. B. Venkateswara Rao	International Conference	1 st Conference of the Arabian Journal of Geosciences (CAJG)- 2018	Hammamet, Tunisia	Nov. 12 th -15 th , 2018
85	Centre for Water Resources	Dr. B. Venkateswara Rao	Seminar	Groundwater Quality in hard Rocks	Indian National Groundwater Conference, Jalgon Maharastra.	Dec. 2018
86	Centre for Water Resources	Dr. B. Venkateswara Rao	Workshop	Challenges and opportunities in outcome based Accreditation	Delhi	7 th -9 th Sept, 2018
87	Centre for Water Resources	Dr. K. Ramamohan Reddy	International Conference	International Conference on Hydrology and Watershed Management with	UGC Auditorium, JNTUH	12 th -15 th February, 2019.

				a focal theme on “Urban Water Management for Sustainable Development”		
88	Centre for Water Resources	Dr. M.V.S.S. Giridhar	International Conference	International Conference on Hydrology and Watershed Management with a focal theme on “Urban Water Management for Sustainable Development”	UGC Auditorium, JNTUH	12 th -15 th February, 2019.

Details of Refresher Courses/Orientation Courses/ Extension Lectures/FDPs Attended by Faculty members:

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 Conducted
1	Centre for Chemical Sciences and Technology	Dr. A. Jaya Shree	Keynote Talk	International Conference On Chemical Biology And Drug Discovery	Singapore	20 th -21 st June 2019
2	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Extension Lecture	Advances in Nano Technologies and Funding opportunities for Indian research Scholars’	JNTUA	28 th May 2018
3	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Extension Lecture	Applications of Nano Technology in Daily Life	CR Reddy college Eluru A.P	27 th July 2018
4	Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Extension Lecture	“Advances in Materials and Manufacturing Process”	Department of Mechanical Engineering in Jawaharlal Nehru Technological University, Kakinada	29 th October 2018
5	Centre for	Dr. K	Extension	Introduction	VKR College,	19 th February

	Nano Science and Technology	Venkateswara Rao	Lecture	to Nano Sciences	Buddhavaram Krishna District, Andhra Pradesh	2019
6	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	National	Pharmacist your expert on medicines	CMR College of Pharmacy Hyderabad	25 th September 2018
7	Centre for Spatial Information Technology	Sri.J. Venkatesh	Training Programme	Professional Development Training	Kozhikode	28 th January 2019 to 01-February, 2019

Journal/ Conference Papers Published by Faculty Members:

S. No.	Name of the Dept./Centre	Name of the Faculty	Title of the Paper	Name of International / National Journal/ Conference	Page No. Vol. No. and Issue No.	Published Date and Year
1	Centre for Biotechnology	Dr. A. Uma	“A two-step membrane separation process for production of ethanol from sweet sorghum juice by using <i>Saccharomyces cerevisiae</i> ” on	National conference on Opportunities and Challenges in Fermentation Based Industrial Processes” at CSIR-IIIM Jammu & Kashmir	Presented to be published	September 13 th to 14 th , 2018.
2	Centre for Biotechnology	Dr. A. Uma	Assisted single step acid pretreatment (ASAP) process for enhanced delignification of rice straw for bioethanol production;	ACS Sustainable Chemistry & Engineering, 2018, , ISSN:2168-048,	6(7), 8762-8774	2018
3	Centre for Biotechnology	Dr. A. Uma	Design, synthesis and in vitro study of densely functionalized oxindoles as potent α -glucosidase inhibitors;	Bioorganic & Medicinal Chemistry,	doi: 10.1016/j.bmc.	2018.08.022
4	Centre for Biotechnology	Dr. A. Uma	Microwave-assisted one- pot synthesis of new α -	Chemistry Select,	9778-9784 34, 2.	2018

			aminophosphonates using ZnBr ₂ -SiO ₂ as a catalyst under solvent-free conditions and their anticancer activity;			
5	Centre for Biotechnology	Dr. A. Uma	Half sandwich platinum group metal complexes of thiourea derivative ligands with benzothiazole moiety possessing anti-bacterial activity and colorimetric sensing: synthesis and characterization;	Journal of Organometallic Chemistry,	44-54, 884, 2.	2019
6	Centre for Biotechnology	Dr. Archana Giri	Insilico adme profiling of cdk9 inhibitors.	Journal of scientific research in pharmacy	7: 30-34	(2018)
7	Centre for Biotechnology	Dr. Archana Giri	Improvement of blast resistance of the popular high-yielding, medium slender-grain type, bacterial blight resistant rice variety, Improved Samba Mahsuri by marker-assisted breeding.	Journal of Plant Biochemistry and Biotechnology.	27(4): 463-472	(2018)
8	Centre for Biotechnology	Dr. Archana Giri	Marker-assisted pyramiding of two major broad-spectrum bacterial blight resistance genes, Xa21 and Xa33 into an elite maintainer line of rice, DRR17B.	International Journal PONE-D-18-20365R1	10.1371	2018 (25.10.2018)
9	Centre for Biotechnology	Dr. Archana Giri	Modeling and docking studies of toll like receptor 7 from homo sapiens with biosynthetic	International Journal of Scientific Research in Biological Sciences	(ISSN: 2347-7520), Vol.5, 138-145	(2018)

			compounds rutin and kaempferol.			
10	Centre for Biotechnology	Dr. Archana Giri	Modeling and docking studies of toll like receptor 8 from homo sapiens with natural inhibitors rutin and kaempferol”Research	Journal of Life Sciences, Bioinformatics, Pharmaceutical, and Chemical Sciences	(RJLBPCS) 4: 194-	(2018)
11	Centre for Biotechnology	Dr. Archana Giri	Breeding lines of the Indian mega-rice variety, MTU 1010, possessing protein kinase <i>ospstol (Pup1)</i> , show better root system architecture and higher yield in	International journal of Molecular Breeding	38 (12), 147	(2018)
12	Centre for Biotechnology	Dr. Archana Giri	Response surface optimization of <i>in vitro</i> culture medium for enhanced production of the therapeutically important secondary metabolite – withaferin a.	British Journal of Pharmaceutical and Medical Research.	Vol 4: 1579-1590	(2019)
13	Centre for Biotechnology	Dr. L. Saida	Cell viability assay of F.benghalensis latex solvent extract on different cell lines	Asian Journal of Pharmaceutical and clinical research	Vol. 11 (10) page no. 335-339	2018
14	Centre for Biotechnology	Dr. L. Saida	Cytotoxic effect of F.religiosa and F.benghalensis latex extract on MCF-7 cell lines	International Journal of scientific research in biological science	Vol.5 (6) page no.99-103	2018
15	Centre for Biotechnology	Dr. L. Saida	Production of L-Arginine from arginine analogue	International Journal of Scientific research in	.5, issue .5, pp 10-30	October, 2018

			resistant mustans of Corynebacterium glutamicum	Biological Sciences		
16	Centre for Biotechnology	Dr. K. Venkateswara Reddy	Application of Bacillus sp in Aquaculture waste water treatment	International Journal S.R.S.T.	Vol: 4 issue-5, page no.1806-1812	2018 April
17	Centre for Biotechnology	Dr. B. Suresh Babu	Application of Bacillus sp in Aquaculture waste water treatment	International Journal S.R.S.T	Vol: 4 issue-5, page no.1806-1812	2018 April
18	Centre for Biotechnology	Dr. M. Anjaneyulu	Production of L-Arginine from arginine analogue resistant mustans of Corynebacterium glutamicum	International Journal of Scietific research in Biological Sciences	.5, issue .5, pp 10-30	October, 2018
19	Centre for Biotechnology	Dr. B. Venkanna	Microwave-assisted one- pot synthesis of new α -aminophosphonates using ZnBr ₂ -SiO ₂ as a catalyst under solvent-free conditions and their anticancer activity.	Chemistry Select,	9778-9784 34, 2.	2018,
20	Centre for Biotechnology	Dr. B. Venkanna	Half sandwich platinum group metal complexes of thiourea derivative ligands with benzothiazole moiety possessing anti-bacterial activity and colorimetric sensing: synthesis and characterization;	Journal of Organometallic Chemistry,	44-54, 884, 2.	2019
21	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Synthesis and antibacterial / antitubercular / antioxidant activities of compounds containing	Letters in Drug Design & Discovery	1087-1094, 15	2018

			fluoroquinolone ring linked to a 4-thiazolidinone moiety			
22	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Molecular modeling studies of novel fluoroquinolone molecules	Current Drug Discovery Technologies	109-123, 15	2018
23	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Novel degradation products of argatroban: Isolation, synthesis and extensive characterization using NMR and LC-PDA-MS/Q-TOF	Journal of Pharmaceutical Analysis	86-95, 8(2)	2018
24	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Synthesis of benzoxazepine derivatives from pyrazole-chalcone via a simple and convenient protocol using basic alumina as solid support	Journal of the Chilean Chemical Society	3983-3987, 63(2)	2018
25	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Novel 7-substituted Fluoroquinolone Citrate Conjugates as Powerful Antibacterial and Anticancer Agents: Synthesis and Molecular Docking Studies	Anticancer Agents in Medicinal Chemistry	Communicated	2019
26	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Synthesis of 1,3,4-oxadiazole of NSAIDS and their biological properties	Asian Journal of Research in Chemistry		
27	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Urea mediated 5-substituted-1H-tetrazole via [3+2] cycloaddition of nitriles and sodium azide	Tetrahedron Letters		
28	Centre for Chemical	Prof. A. Jaya Shree	Design, Synthesis, and	SynOpen		

	Sciences and Technology		Cytotoxic Evaluation of Etodolac-1,3,4-oxadiazole-1,2,3-triazole			
29	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Synthesis, molecular modeling and evaluation of α -glucosidase inhibition activity of 3,4-dihydroxy piperidines	European Journal of Medicinal Chemistry		
30	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Design and Synthesis of New Etodolac-Pyridazinones as Potent Anticancer Agents Using Pb(OAc) ₄ to Assist N-N Bond Formation	Chemistry Select	5050-5054, 3	2018
31	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	Synthesis and antibacterial evaluation of compounds based on new benzoxepine-oxime-1,2,3-triazole hybrid.	Mini-Reviews in Medicinal Chemistry	803-809, 18	2018
32	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree	E)-5-{4-[2-(5-Ethylpyridin-2-yl)ethoxy]benzylidene}thiazolidine-2,4-dione	IUCrData	171, 3	2018
33	Centre for environment	Srilatha K, Bhagawan D, Shankarai ah G, Kiran Kumar P, Himabindu V* , Srinivasulu S,	Performance evaluation of different advanced processes for treating chloro pesticide intermediate industrial wastewater	Sustainable Water Resources Management,	ISSN: 2363-5037 (print version), ISSN: 2363-5045 (electronic version)	2019
34	Centre for environment	Vijaya Krishna Saranga, Kiran	Effect of biohythane production from distillery	Biochemistry and Biotechnology,	ISSN: 0273-2289.https://doi.org/10.	2019

		Kumar P, Kavita Verma, Bhagawan D, Himabind u.V , Lakshmi Narasu M,	spent wash with addition of landfill leachate and sewage wastewater,.		1007/s12010-019-03087-x	
35	Centre for environment	Vijaya Krishna S, Kiran Kumar P, Kavita Verma, Bhagawan D, Himabind u V , Lakshmi Narasu M, Radhika Singh,	Enhancement of Biohydrogen production from Distillery Spent Wash Effluent Using Electro-Coagulation Process,	Energy, Ecology and Environment,	4 (4) 160–165 2019,ISSN: 2363-7692, DOI: 10.1007/s40974-019-00122-9.	2019
36	Centre for environment	P.Kiran Kumar, Vijaya krishna S, S.Swami naidu, Bhagawan D, Kavita verma, Himabind u V ,	Biomass Production from Microalgae Chlorella grown in Sewage, Kitchen Wastewater using Industrial CO2 emissions: Comparative study,	Carbon Resources Conversion	2, 126–133, ISSN: 2588-9133.	2019
37	Centre for environment	Bhagawan .D, Saritha.P, Shankarai ah.G, Himabind u.V ,	Fluoride removal from Groundwater using cylindrical electrocoagulation reactor,.	publication in Journal of Water Chemistry and Technology,	Vol. 41, No. 3, pp. 164–169, ISSN: 1934-936X	2019
38	Centre for environment	Shruti Jagini, Srilatha Konda, Bhagawan D, V.Himabi	Emerging contaminant (Triclosan) identification and its treatment - A Review,	SN Applied Sciences,	1:640, ISSN: 2523-3971	2019

		ndu,				
39	Centre for environment	S. Shiva Kumar, V.Himabindu	Hydrogen production by PEM water electrolysis- A Review,.	Materials for energy Technologies,	Accepted March, 2019	2019
40	Centre for environment	T. Raghavendra, K. Vishwaprasad, G. Kalyani, T. Vijayalakshmi , V. Himabindu, J. Arunachalam, P. Padmasavithri, Vinod Kumar, R. M. Tripathi	Assessment of Natural Radioactivity in Soils around the Proposed Uranium Mining Site of Lambapur – Peddagattu and Seripally, India	Journal Geological Society of India	Vol.93, pp.223-227	2019
41	Centre for environment	Prasad, S. J., Nair, T. B., Rahaman, H., Sheno, S. S. C., & Vijayalakshmi, T.	An assessment on oil spill trajectory prediction: Case study on oil spill off Ennore Port. Journal of Earth System Science	Journal of Earth System Science	127(8), 111.	2018
42	Centre for environment	<u>K.Venkateswar Reddy, A. Vamshi Krishna Reddy, B. Suresh Babu, T.V ijaya Lakshmi</u>	Applications of Bacillus sp in Aquaculture Waste Water Treatment	International Journal of Scientific Research in Science and Technology	Volume 4, Issue 5	2018
43	Centre for environment	S. Shiva Kumar, S.U.B. Ramakrishna, K. Naga Mahesh, B.	Palladium Supported on Phosphorus–Nitrogen Dual doped Carbon Nanoparticles as	International Journal of Ionics,	Accepted, in Oct.,2018.	2018

		Rama Devi, V. Himabindu.	cathode for Hydrogen Evolution in PEM Water Electrolyser.			
44	Centre for environment	D Bhagawan, V Chandan, K Srilatha, G Shankaraiah, M Y Raniand V Himabindu,	Industrial wastewater treatment using electrochemical process,	IOP Conf. Series: Earth and Environmental Science	191(2018) 012022, doi:10.1088/1755-1315/191/1/012022	2018
45	Centre for environment	P. Kiran Kumar, S. Vijaya Krishna, Kavita Verma, K. Pooja, D. Bhagawan, K. Srilatha, V. Himabindu,	Bio oil production from Microalgae via Hydrothermal Liquefaction Technology under Subcritical Water Conditions,	Journal of Microbiological Methods,	153 (2018) 108–117 ISSN: 0167-7012.	2018
46	Centre for environment	S. Shiva Kumar, S.U.B. Ramakrishna, S. Vijaya Krishna, K. Srilatha, B. Rama Devi, V. Himabindu,	Synthesis of Titanium (IV) oxide composite membrane for Hydrogen Production through alkaline water electrolysis	South African Journal of Chemical Engineering, ,	25, 54- 61, ISSN: 1026-9185.	2018
47	Centre for environment	S. Shiva Kumar, S.U.B. Ramakrishna, V. Himabindu	Phosphorus doped carbon nanoparticles supported palladium electrocatalyst for the hydrogen evolution reaction (HER) in PEM water electrolysis	Ionics, ,	ISSN: 0947-7047.	2018
48	Centre for environment	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	South African Journal of Chemical Engineering	, Volume 25, Pages 91–97, ISSN: 1026-9185.	2018

			thermocatalytic decomposition of methane			
49	Centre for environment	Kiran Kumar Panga, Pooja kandimalla, Vijaya Krishna S, Kavita Verma, Bhagawan D, Himabindu V	Phycoremediation of Sewage Wastewater and Industrial Flue Gases for Biomass Generation from Microalgae	South African Journal of Chemical Engineering	, ISSN: 1026-9185	2018,
50	Centre for environment	S. Shiva Kumar, S.U.B. Ramakrishna, B. Rama Devi & V. Himabindu	Phosphorus-doped graphene supported palladium (Pd/Pd) electrocatalyst for the hydrogen evolution reaction in PEM water electrolysis	International Journal of Green Energy,	15 (10), 5588-567 ISSN: 1543-5083.	2018
51	Centre for Environment	Dr. Ch. Sasikala	Transcriptome analysis of hopanoid deficient mutant of <i>Rhodopseudomonas palustris</i> TIE-1	Microbiology research (MICRES_2018_733communicated)	(MICRES_2018_733communicated)	2018
52	Centre for Environment	Dr. Ch. Sasikala	Description of <i>Natronococcus terrae</i> sp. nov	Antonie van Leeuwenhoek J microbiol. (ANTO-D-17-00482)	(ANTO-D-17-00482)	2018
53	Centre for Environment	Dr. Ch. Sasikala	Description of new taxa of prokaryotes: A decadel work	Invited review, Proceedings of Indian academi of science. (accepted)	(accepted)	2018
54	Centre for Environment	Dr. Ch. Sasikala	Precursor feeding and altered-growth conditions driven metabolic profiling revealed	Journal of Natural Products Manuscript ID: np-2018-00534w	Manuscript ID: np-2018-00534w	2018

			anthocyanin-like pigments production in a photosynthetic bacterium <i>Rubrivivaxbenzoatilyticus</i> JA2			
55	Centre for Environment	Dr. Ch. Sasikala	Molecular and electrolytic perspectives in establishing biological hydrogen economy	Energy for Sustainable Development (communicated)	communicated	2018
56	Centre for Environment	Dr. Ch. Sasikala	<i>Afifella lacus</i> sp. nov., a phototrophic bacterium isolated from a saltwater pond	Int. J. Syst. Evol. Microbiol. (Under revision)	(Under revision)	2018
57	Centre for Environment	Dr. Ch. Sasikala	Proteomic insights into the glucose induced viable but non-culturable (VBNC) state in a phototrophic bacterium, <i>Rubrivivaxbenzoatilyticus</i> JA2	Journal of Proteome Research (revised MS submitted) Manuscript ID: pr-2017-007734	(revised MS submitted) Manuscript ID: pr-2017-007734	2018
58	Centre for Environment	Dr. Ch. Sasikala	<i>Cyclobacterium coralii</i> sp. nov. isolated from a coral reef	Int. J. Syst. Evol. Microbiol. MS no. IJSEM-D-18-00237	MS no. IJSEM-D-18-00237	2018
59	Centre for Environment	Dr. Ch. Sasikala	Genome-based reclassification of <i>Rhodobacterme galophilus</i> Arunari et al. 2008, as a later heterotypic synonym of <i>Rhodobactersphaeroides</i> (van Niel 1944) Imhoff et al. 1984 and emended description of <i>Rhodobactersphaeroides</i>	Int. J. Syst. Evol. Microbiol. Ms. No. IJSEM-D-18-00282	Ms. No. IJSEM-D-18-00282	2018

60	Centre for Environment	Dr. Ch. Sasikala	<i>Texicoconibacill ushaloalkaliphil usgen. nov., sp. nov., isolated from a soda lake</i>	Int. J. Syst. Evol. Microbiol. (under revision)	(under revision)	2018
61	Centre for Environment	Dr. Ch. Sasikala	Insights into the carbonic anhydrases and autotrophic carbon dioxide fixation pathways of high CO ₂ tolerant <i>Rhodovulumviride</i> JA756	Microbiological research , 215, 130-140.	215, 130-140.	2018
62	Centre for Environment	Dr. Ch. Sasikala	<i>Rhodococcusele ctrodiphila</i> sp. nov., a marine electrogenic actinobacterium isolated from a coral reef	Int. J. Syst. Evol. Microbiol. 68: 2644-2649	68: 2644-2649	2018
63	Centre for Environment	Dr. Ch. Sasikala	Description of new taxa of prokaryotes: A decadel work	Invited review, Proceedings of Indian Academi of Science. (accepted)	(accepted)	2018
64	Centre for Environment	Dr. Ch. Sasikala	<i>Rhodobacteralk alitolerans</i> sp. nov., isolated from an alkaline brown pond.	Archives of microbial. (accepted) ANTO-D-17-00079	(accepted) ANTO-D-17-00079	2018
65	Centre for Environment	Dr. Ch. Sasikala	<i>Planctopirushy drillae</i> sp. nov., an antibiotic producing Planctomycetes isolated from the aquatic plant Hydrilla and its whole genome short gun sequence analysis	Journal of Antibiotics (accepted)	(accepted)	2018
66	Centre for Environment	Dr. Ch. Sasikala	Stable isotope-assisted metabolic profiling reveals growth mode dependent differential metabolism and catabolic multitasking of	Journal of Proteome Research, Accepted (Manuscript ID pr-2017-005008)	Accepted (Manuscript ID pr-2017-005008)	2018

			L-phenylalanine in <i>Rubrivivaxbenzoatilyticus</i> JA2			
67	Centre for Environment	Dr. Ch. Sasikala	<i>Chryseobacterium salipaludis</i> sp. nov., isolated from wild ass sanctuary, Gujarat, India	Int. J. Syst. Evol. Microbiol. 68 542-546	68 542-546	2018
68	Centre for environment	P Kiran Kumar, S Vijaya Krishna, Kavita Verma, K Pooja, D Bhagawan, G Shankaraiah, V Himabindu,	Microalgae biomass a source of Liquid Fertilizer and Biomethane using Hydrothermal Process, International Conference on Biotechnological Research and Innovation for Sustainable Development (BioSD-2018,)	International conference publications		Nov 22-25 th , 2018.
69	Centre for environment	S. Vijaya Krishna, P. Kiran Kumar, Kavita Verma, D. Bhagawan, V. Himabindu, M. Lakshmi Narasu,	Effect of biohythane production from distillery spent wash with addition of landfill leachate and sewage wastewaters, International Conference on Biotechnological Research and Innovation for Sustainable Development (BioSD-2018)	International conference publications), Nov 22-25 th , 2018.
70	Centre for environment	Raju Sodagudi, Kiran Kumar. P, Vijayakrishna. S & Himabindu. V,	Hydrothermal Treatment of Municipal Sewage Sludge, International Conference on Civil Engineering in Emerging Economies (ICCEEE2K18),	International conference publications		15th September 2018.
71	Centre for environment	Boda Meenakshi,	Ammonia Removal from	International conference publications		15th September

		Kalyani.G, Bhagawan. D&Himabindu.V,	Probiotic Industrial Wastewater using Electro Oxidation, International Conference on Civil Engineering in Emerging Economies (ICCEEE2K18),			2018.
72	Centre for environment	G. Shankaraiah, P. Saritha, D. Bhagawan, K.Srilatha, V.Himabindu & S. Vidyavathi,	Remediation of Ciprofloxacin in Aqueous Solutions Using Immobilization Glass Beads it's an Advanced Oxidation Process –A Comparative Study International Conference on Civil Engineering in Emerging Economies (ICCEEE2K18)	International conference publications		15th September 2018.
73	Centre for environment	S. Shiva Kumar, S.U.B. Ramakrishna, B. Rama Devi, V. Himabindu	Synthesis and performance evolution of Boron doped Carbon Nanoparticles Supported Palladium Electrocatalyst for the Hydrogen Evolution Reaction in PEM Water Electrolysis. 12 th International Conference on Ceramic Materials and Components for Energy and Environmental Applications (CMCEE 2018),	International conference publications		Singapore 22 nd - 27 th July, 2018. Symposium T4S11: Graphene and 2-D Materials, Oral Presentation Paper No.513
74	Centre for	S. Shiva	Nickel –	International conference	ICON2018O	4 th - 6 th

	environment	Kumar, Sachin Kamath, K.S. Bhattacharya, V. Himabindu.	Ruthenium – Oxide as anode for hydrogen production by PEM water electrolysis. 2 nd International Conference on Nano Science and Engineering Applications (ICONSEA-2018)	rencepublications	0048, ISBN NO: 978-81-924726-4-5.	October, Hyderabad,
75	Centre for environment	D Bhagawan, V Chandan, K Srilatha, G Shankaraiah, M Y Raniand V Himabindu,	Industrial wastewater treatment using electrochemical process,	The 4th International Conference on Water Resource and Environment (WRE 2018),		15-17 th July, 2018.
76	Centre for environment	Dr.a.Vams hi Krishna Reddy, Dr.T.Vijaya Lakshmi	Application of bacillus sp in aquaculture waste water treatment	IJSRST (UGC Approval)	Vol4,issue 5/4340	April,2018
77	Centre for Environment	Dr.M.Anji Reddy, K.Srilakshmi	Characterization of Textile waste water discharges in textile cluster of cherala A.P.	Research in Environment and Life Sciences	Issn09744908	July,2018
78	Centre for Nano Science and Technology	Dr.K Venkateswara Rao	Conductive Polyaniline Nanosheets (CPANINS) for a non-enzymatic glucose sensor	Materials Letters	Vol 245 Page 118-121	02-02-2019
79	Centre for Nano Science and Technology	Dr.K Venkateswara Rao	Resistive room temperature LPG sensor based on a graphene/CdOnanocomposite	MicrochimicaActa	Vol 186 Issue 2 Page 62	1-02-2019
80	Centre for Nano Science and Technology	Dr.K Venkateswara Rao	Silver nanoparticle synthesis from carica papaya and virtual screening for anti-dengue activity using molecular docking	Materials Research Express	Volume6 Issue3 Pages 035028	19-12-2018
81	Centre for Nano Science and	Dr.K Venkatesw	A review on porous polymer	Polymer-Plastics Technology and	Pages 1-42	24-01-2018

	Technology	ara Rao	composite materials for multifunctional electronic applications	Materials		
82	Centre for Nano Science and Technology	Dr.K Venkatesw ara Rao	Biosynthesis, characterization and acute oral toxicity studies of synthesized iron oxide nanoparticles using ethanolic extract of Centellaasiatica plant	Materials Letters	Volume 236 Pages 256–259	10-10-2018
83	Centre for Nano Science and Technology	Dr.K Venkatesw ara Rao	Controlling the sensing performance of rGO filled PVDFnanocomp osite with the addition of secondary nanofillers	Synthetic Metals	243 34-43	30-09-2018
84	Centre for Nano Science and Technology	Dr.K Venkatesw ara Rao	A peptide-based 68Ga-PET radiotracer for imaging PD-L1 expression in cancer	Molecular pharmaceuticals	Volume 15 Issue 9 Pages 3946-3952	23-07-2018
85	Centre for Nano Science and Technology	Dr.K Venkatesw ara Rao	A smart LPG sensor based on chemo-bio synthesized MgO nanostructure	Journal of Materials Science: Materials in Electronics	Volume 29 Issue 14 Pages 11679-11687	01-07-2018
86	Centre for Nano Science and Technology	Dr.K Venkatesw ara Rao	A Comparative Study of Chemically and Biologically Synthesized MgO Nanomaterial for Liquefied Petroleum Gas Detection	Journal of Electronic Materials	Volume 47 Issue 7 Pages 3468-3473	01-07-2018
87	Centre for Nano Science and Technology	Dr.K Venkatesw ara Rao	non-enzymatic biosensing of glucose based on silver nanoparticles	Materials Chemistry and Physics	Volume 216 Pages 502-507	20-05-2918

			synthesized from ocimumtenuiflorum leaf extract and silver nitrate			
88	Centre for Nano Science and Technology	Dr.K Venkateswara Rao	Synthesis and Study of Ultrasonic Parameters of MgO-Ethylene Glycol Nanofluids	Journal of Nanofluids	Volume 7 Issue 2 Pages 269-274	01-04-2018
89	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra	Adsorption Studies And Fluoride Removal From Aqueous Solutions By Graphene Oxide - Zinc Oxide Nanocomposite	Digest Journal of Nanomaterials and Biostructures	Vol. 14,	03-03-2019
90	Centre for pharmaceutical sciences	Dr.Shobha Rani	stability indicating assay method development and validation of dapagliflozin in pharmaceutical dosage form by RP-HPLC	Journal Of Emerging Technologies And Innovative Research(Jetir) 5 (11), 161-170	161-170	2018
91	Centre for pharmaceutical sciences	Dr.Shobha Rani	stability indicating assay method development and validation of rivroxoxaban RP-HPLC	Journal Of Emerging Technologies And Innovative Research(Jetir) 5 (11), 161-170	559-585 Vol 5-12 issue	2018
92	Centre for pharmaceutical sciences	Dr.Shobha Rani	Method Development And Validation Of Methylelthiazide And Deserpidine By Uplc	Indo American Journal of Pharmaceutical Sciences (IAJPS)	ISSN 2349-7750	2018
93	Centre for pharmaceutical sciences	Dr.Shobha Rani	Development and validation of chiral HPLC method for identification and quantification of (S)-Enantiomer in tenofovir	Indo American Journal of Pharmaceutical Sciences (IAJPS)	ISSN 2349-7750	2018

			disproxil fumarate			
94	Centre for pharmaceutical sciences	Dr.Shobha Rani	Method Development And Validation Of Monomethyl fumarate in human plasma using LC-MS/MS.	Indo American Journal of Pharmaceutical Sciences (IAJPS)	ISSN 2349-7750	2018
95	Centre for pharmaceutical sciences	Dr.Shobha Rani	Method Development And Validation Of VORTIOXETINE by using LC-MS/MS.	Indo American Journal of Pharmaceutical Sciences (IAJPS)	ISSN 2349-7750	2018
96	Centre for pharmaceutical sciences	Dr.Shobha Rani	Development and validation of chiral HPLC method for identification and quantification of (S)-Enantiomer in Tamsulosin	Indo American Journal of Pharmaceutical Sciences (IAJPS)	ISSN 2349-7750	2018
97	Centre for pharmaceutical sciences	Dr. G. Krishna Mohan	Nimbolide epigenetically regulates autophagy and apoptosis in breast cancer, Toxicology In Vitro.	Pub Med	51:114-128	2018 May 17
98	Centre for pharmaceutical sciences	Dr. G. Krishna Mohan	A Review on <i>Tecoma stans</i>	International Journal of Pharma Sciences and Research,	Vol 9, issue 8	Aug 2018
99	Centre for pharmaceutical sciences	Dr. G. Krishna Mohan	A Review on <i>Gossypium herbacium</i>	International Journal of Pharma Sciences and Research,	Vol 9, issue 9	Sep 2018
100	Centre for pharmaceutical sciences	Dr. G. Krishna Mohan	Phytochemical Investigation of Bioactive constituents from stem bark of <i>Dichrostachys cinerea</i>	Journal of Emerging Technologies and Innovate Research	vol 5, issue 11, pg.no. 25-30	Nov 2018
101	Centre for pharmaceutical sciences	Dr. G. Krishna Mohan	A Review on <i>Chloroxylon swietenia</i>	International Journal of Pharmacy and Biological Sciences	vol 8, issue 4, pg 502-506	Oct-Dec 2018
102	Centre for	Dr. G.	In vitro	International	Volume 8	OCT-DEC

	pharmaceutical sciences	Krishna Mohan	evaluation of anti oxidant activity, estimation Of total phenolic and flavonoid content of different Extracts of tecoma stans	Journal of Pharmacy and Biological Sciences	Issue 4, 962-968	2018
103	Centre for Pharmaceutical Sciences	Ajitha Makula	Stability Indicating Assay Method Development And Validation Of Clomipramine Hydrochloride Capsules By RP-HPLC.	Journal of Emerging Technologies and Innovative Research	ISSN: 2349-5162	2018
104	Centre for Pharmaceutical Sciences	Ajitha Makula	Stability Indicating Assay Method Development And Validation Of Enr* Tablets By RP-HPLC	Journal of Emerging Technologies and Innovative Research	ISSN: 2349-5162	2018
105	Centre for Pharmaceutical Sciences	Ajitha Makula	Stability Indicating Assay Method Development And Validation Of Naproxen Sodium In Pharmaceutical Tablet Dosage Forms By RP-HPLC	Journal of Emerging Technologies and Innovative Research	ISSN: 2349-5162	2018
106	Centre for Pharmaceutical Sciences	Ajitha Makula	Stability Indicating Method Development And Validation Of Glimpiride By RP-HPLC	Journal of Emerging Technologies and Innovative Research	ISSN: 2349-5162	2018
107	Centre for Pharmaceutical Sciences	Ajitha Makula	Development and validation of bioanalytical liquid chromatography –tandem mass spectrometry method for the estimation of pentoxifylline in human plasma: Application for	European Journal of Mass Spectrometry	ISSN: 1469-0667	2018

			a comparative pharmacokinetic study			
108	Centre for Pharmaceutical Sciences	Ajitha Makula	High sensitive LC–MS/MS method for estimation of eluxadoline in human plasma and its application to pharmacokinetic study.	Journal of Pharmaceutical and Biomedical Analysis	ISSN: 0731-7085	2019
109	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	Effect of Synthetic superdisintegrants on drug release of glibenclamide	Journal of emerging technologies and innovative research	ISSC-2349-5162	2019
110	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	Formulation and evaluation sustained release mucoadhesive gastroretentive pantoprazole sodium sesquihydrate tablets for anti ulcer	Journal of Drug Delivery and Therapeutics	6-S 304-310	2018
111	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	Formulation and Evaluation of Gastro Retentive in situ floating gels of irbesartan cubosomes	International Journal of Research in advent technology vol 6 no.11	ISSN:2321-9637	2018
112	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	Solubility enhancement of poorly water soluble drug irbesartan by self emulsifying drug delivery system	World journal of pharmacy and pharmaceutical sciences	ISSN 2278-4357	2019
113	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	Formulation development and evaluation of medroxyprogesterone acetate injectable suspension	Journal of Drug Delivery and Therapeutics	6-s 305-310	2018
114	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	Formulation and invitro evaluation of sumatriptan	International journal of research in advent technology	ISSN-2321-19637	2018

			succinate bilayer tablets			
115	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	Formualtion development and evaluation of triamcinolone acetonide intramuscular in situ nano suspension	Internationla journal of pharmacy and biological sciences	ISSN:2321-3272	2018
116	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	Formulation and in vitro evaluation of trasdermal patches of nevarapine cubosomes	World journal of pharmacy and pharmaceutical sciences	ISSN:2278-4357	2018
117	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	Formaulation and evaluation of controlled release tablet dosage form of naproxen sodium using bilayer technology	Indo America journal of pharmaceutical research	ISSN:2231-6876	2018
118	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	Formualtion and in vitro evaluation of dry emulsion of mefenamic acid in hard vegetarian capsules	International journal Pharmaceutical Sciences and research	ISSN:2320-5148	2018
119	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	Extraction invitro screeing and preparation of tablets from dragon fruit parts	World journal of pharmacy and pharmaceutical sciences	ISSN:2278-4357	2018
120	Centre for Pharmaceutical Sciences	Dr. M.Sunitha Reddy	A review on biowaiver requirements exceptions and data support for biowaivers	Journal of Emerging technologies and innovative research	ISSN:2349-5162	2019
121	Centre for Water Resources	Mrs. G. Hepsti Swarupa Rani and Dr. C.Sarala	Assessment of Major Anions in Surface Water Samples of Pragathi Nagar Cheruvu, Ranga Reddy District, Telangana State, India	International Conference on “Hydrology and Watershed Management”., (ICHWAM-2019	pp.203-211.(ISBN:978-93-88305-71-6)	12-15 th Feb, 2019
122	Centre for	Dr.	Advanced	National	pp 420.	04 th -06 th June

	Water Resources	M.V.S.S. Giridhar	Spectral Classification Methods for Hyper spectral Data - A Concise Review	Conference on Water Environment and Society 2017,(NCWES-2018)		2018
123	Centre for Water Resources	Dr. M.V.S.S. Giridhar	Watershed Analysis A Case Study of Nizampet Area and Proposed Rain Water Structure	National Conference on Water Environment and Society 2017,(NCWES-2018)	pp 524.	04 th -06 th June 2018
124	Centre for Water Resources	Venkateswara Rao B.	Hydrogeological and Geophysical Characteristics of Northern parts of Eastern Ghats Khondalitic Aquifers	Indian Geophysical Union	Vol.22, No.2. pp.163-170	
125	Centre for Water Resources	Siva Prasad, Y. and Venkateswara Rao, B.,	Geohydrological Investigations of a Typical Khondalitic Terrain of Vizianagaram District of Andhra Pradesh, India	Journal of Groundwater for Sustainable Development'	Elsevier Publications, Vol.7, pp.286-292,	Sept, 2018
126	Centre for Water Resources	Siva Prasad, Y. and Venkateswara Rao, B.,	Monitoring and Assessment of Groundwater Quality in a Khondalitic Terrain, Andhra Pradesh, India"	Environmental Monitoring and Assessment	Springer Publications, pp.1-23,	June, 2018
127	Centre for Water Resources	Siva Prasad, Y. and Venkateswara Rao, B	Groundwater recharge estimation studies in a Khondalitic Terrain of India	Applied Water Science	Springer Publications, Vol.8, Article No. 102	June, 2018
128	Centre for Water Resources	Venkateswara Rao B.	Raising of Groundwater levels is the Key for the Rejuvenation of Rivers	Water Scarcity – Possible Water Wars in Future		
129	Centre for Water Resources	Siva Prasad, Y and Venkateswara Rao, B.	Application of Chargeability Imaging to Identify the Kaolinized	International Conference on "Hydrology and Watershed Management".,	pp.129-138.(ISBN:978-93-88305-71-6)	12-15 th Feb, 2019

			Zones and Groundwater Potential Formations, India”2019.	(ICHWAM-2019)		
130	Centre for Water Resources	Siva Prasad, Y and Venkateswara Rao, B.	“Groundwater Flow Modelling studies of Kandivalasa River sub Basin, A. P. India	International Conference on “Hydrology and Watershed Management”., (ICHWAM-2019	pp.139-157. (ISBN:978-93-88305-71-6	12-15 th Feb, 2019
131	Centre for Water Resources	Lakshminarayana, P. and Venkateswara Rao, B.	Even Hydrological Modeling of the Yerrakalava River Basin (India) using HEC-HMS Model”	International Conference on “Hydrology and Watershed Management”., (ICHWAM-2019)	“pp.373-382. (ISBN:978-93-88305-71-6)	12-15 th Feb, 2019
132	Centre for Water Resources	Lakshminarayana, P. and Venkateswara Rao, B.	Assessment of flood inundation and flood source Areas using HEC-HMS Model and Satellite Data	International Conference on “Hydrology and Watershed Management”., (ICHWAM-2019	pp.383-390. (ISBN:978-93-88305-71-6)	12-15 th Feb, 2019
133	Centre for Water Resources	Narasaiah, V. and Venkateswara Rao, B.	“Spatial and Temporal Distribution of Groundwater Quality in Subledu Basin, Khammam District, Telangana, India”	International Conference on “Hydrology and Watershed Management”., (ICHWAM-2019)	pp.337-344. (ISBN:978-93-88305-71-6)	12-15 th Feb, 2019
134	Centre for Water Resources	Praveen Chary, P. and Venkateswara Rao,	Ground Penetrating Radar Investigations in Kazipally Industrial Area”	International Conference on “Hydrology and Watershed Management”., (ICHWAM-2019)	“pp.83-91. (ISBN:978-93-88305-71-6)	12-15 th Feb, 2019
135	Centre for Water Resources	Niranjan, S. and Venkateswara Rao, B.	Determination of Thickness of Subsurface Layers by using Shallow Seismic Unit”	International Conference on “Hydrology and Watershed Management”., (ICHWAM-2019)	pp.75-82. (ISBN:978-93-88305-71-6)	12-15 th Feb, 2019
136	Centre for Water Resources	Dr.M.V.S.S Giridhar	Advanced Spectral Classification Methods for Hyperspectral Data - A Concise Review	National Conference on Water Environment and Society 2018,(NCWES-2018)	pp 420	4 June 2018
137	Centre for	Dr.M.V.S.S	Watershed	National	pp 524	4 June 2018

	Water Resources	Giridhar	Analysis A Case Study of Nizampet Area and Proposed Rain Water Structure	Conference on Water Environment and Society 2018,(NCWES-2018)		
138	Centre for Water Resources	Dr.C.Sarala	Rain Water Harvesting and Recharge Augmentation through Percolation Tank in Semi – arid areas –A Case Study	Conference	Pp336-341	2018
139	Centre for Water Resources	Rupa Salian, Suhas Wani, Dr. K. Ramamohan Reddy and Mukund Patil	Impact of Anaerobic and Aerobically Treated Brewery Wastewater on Seed Germination and Growth of Cowpea, Mustard, Pearl millet and Sorghum	International Journal	Volume 35(2) 2018 Pages No. 918-927	13 th Dec, 2018
140	Centre for Water Resources	Durgasilakshmi Hari and Dr. K. Ramamohan Reddy	A review on soil and Water Assessment Tool (SWAT) and its Applications	National Journal	Volume 5, Issue7, ISSN-2349-5162	July, 2018
141	Centre for Water Resources	Abdullah Mohammed Abdullah Al Ajmi, Satyanarayana.S.V. and Dr. K. Ramamohan Reddy	Performance Evaluation of MBR Technology Wastewater Treatment Plant at sohar Port-A Case study	International Journal	Int. J.Adv. Res. 6(12), 1277-1281	Dec, 2018

List of New Programmes Introduced: Nil

S. No	Name of the Dept./Centre Offering	Name of the Programme	Duration of the Programme

New Infrastructure set-up in the Dept./Centre:

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	3 no Working tables in Centre for	1,60,000/-

	Environment	environment	
2	Centre for Nanoscience and Technology	Fourier transform infrared spectrophotometer	15,85,500/-
3	Centre for Nanoscience and Technology	Contact angle	10,0000/-
4	Centre for Nanoscience and Technology	Ion Specific Detector	2,82,920/-
5	Centre for Nanoscience and Technology	Programmable Tubular Furnace with Controlled Atmosphere	6,49,000/-
6	Centre for Nanoscience and Technology	Ultrasaonic Homognizer	5,98,500/-

New Equipment Installed in the Dept./Centre:

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 Biotechnology	Advanced Bio fuels Lab	Inverted Microscope for Cell Culture	2,25,750/-
2	Centre for Biotechnology	Genetic Engg. Lab	Table Top Centrifuge	2,20,500/-
3	Centre for Biotechnology	Plant Molecular Biology Lab	Bacteriological Incubator	2,31,000/-
4	Centre for Biotechnology	Plant Molecular Biology Lab	Low Temperature BOD Incubator	5,98,500/-
5	Centre for Biotechnology	Genetic Engg. Lab	Bacteriological Laminar Air Flow Chamber with auto clave pipettes	1,14,450/-
6	Centre for Biotechnology	Microbiology Lab	Oil bath with shaker	89,250/-
7	Centre for Biotechnology	Microbiology Lab	Cascade ultra pure water system	1,95,000/-
8	Centre for Biotechnology	Genetic Engg. Lab	Spectro photo meter (visible)	90,248/-
9	Centre for Biotechnology	Microbiology Lab	Microscope (Basic)	1,98,141/-
10	Centre for Biotechnology	Genetic Engg. Lab	PH meter with buffers	1,03,667/-
11	Centre for Biotechnology	Animal cell metabolic facility lab	Laboratory work bench	56,910/-
12	Centre for Biotechnology	Animal cell metabolic facility lab	Biosafety cabinet	1,83,750/-
13	Centre for Biotechnology	Genetic Engg. Lab	Cold centrifuge	9,12,886/-
14	Centre for Biotechnology	Genetic Engg. Lab	Gel Documentation system	4,28,254/-

15 16	Centre for Biotechnology	Bioprocess engg.	Elisa reader	2,49,874/-
17	Centre for Biotechnology	Animal cell metabolic facility lab	Bacteriological air curtain	36,750/-
18	Centre for Biotechnology	Advance Biofuels lab	Electrophoresis units	1,29,479/-
19	Centre for Biotechnology	Bioprocess lab	Auto clave (Fully auto mated)	1,52,250/-
20	Centre for Biotechnology	Plant molecular biology lab	Refrigerator Incubator sheker	4,09,500/-
21	Centre for Chemical Sciences and Technology	Instrumentation Lab	GC	9,50,000/-
22	Centre for Chemical Sciences and Technology	Instrumentation Lab	Mass Spectroscopic	36,00,000/-
23	Centre for Chemical Sciences and Technology	Instrumentation Lab	Low Temparture Reactor	8,00,000/-
24	Centre for Chemical Sciences and Technology	Instrumentation Lab	Parallar Synthesizer	4,52,000/-
25	Centre for Chemical Sciences and Technology	Instrumentation Lab	Water purufication system & r.o. System	5,00,000/-
26	Centre for Chemical Sciences and Technology	Instrumentation Lab	Immersion Cooler	5,00,000/-
27	Centre for Environment	Geomatics lab	Drone	18,00,000/-
28	Centre for Environment	Instrumentation lab	Ultrapure water system	598500/-
29	Centre for Environment	Instrumentation lab	Pre-filtration unit	52500/-
30	Centre for Environment	Air pollution lab	Air Pollution monitoring equipments	277200/-
31	Centre for Environment	Waste water treatment lab of Centre for environment	Fabricated for 50 lit pilot scale electro-oxidation unit (to treatment of industrial waste water)	3,00,000/-
32	Centre for Environment	Water pollution lab	Muffle furnace	58,000/-
33	Centre for Environment	Wastewater treatment Lab	COD reactor	47,000/-
34	Centre for Environment	Wastewater treatment Lab	Incubator	82,000/-

35	Centre for Environment	Wastewater treatment Lab	Analytical Weighing balance	84,000/-
36	Centre for Environment	Instrumentation lab	Liquid nitrogen cylinder	62,000/-
37	Centre for Environment	Bacterial discovery lab	Analytical Weighing balance	84,000/-
38	Centre for Environment	Bacterial discovery lab	Constant temperature water both	90,000/-
39	Centre for Environment	Bacterial discovery lab	UV-Vis spectrophotometer	4,94,000/-
40	Centre for Environment	Bacterial discovery lab	Precision weighing balance	84,000/-
41	Centre for Environment	Geomatics lab	SPSS Faculty and student version	1,84,000/-
42	Centre for Nanoscience and Technology	Characterization Lab -I	AFM Contact&Non Contact Tips	2,36,000/-
43	Centre for Nanoscience and Technology	Characterization Lab -I	Fourier transform infrared spectrophotometer	15,85,500/-
44	Centre for Nanoscience and Technology	Nano Electronics Lab	Inter digitated electrodes	1,97,060/-
45	Centre for Nanoscience and Technology	Synthesis Lab	Inter face gas sensing probe	94,724.50/-
46	Centre for Nanoscience and Technology	Nano Electronics Lab	Ion Specific Detector	2,82,920/-
47	Centre for Nanoscience and Technology	Nano Electronics Lab	Mixed Gas Cylinders with Regulators	1,57,530/-
48	Centre for Nanoscience and Technology	Characterization Lab -I	Programmable Tubular Furnace with Controlled Atmosphere	6,49,000/-
49	Centre for Nanoscience and Technology	Synthesis Lab	Ultrasound Homogenizer	5,98,500/-
50	Centre for Nanoscience and Technology	Characterization Lab -I	Contact angle	10,0000/-
51	Centre for Spatial Information Technology	GNSS Lab	Differential Global positioning systems (DGPS)	12,45,763/-
52	Centre for Spatial Information Technology	DIP Lab	Photogrammetry Suite –Hardware	8,82,000/-

53	Centre for Spatial Information Technology	DIP Lab	Up gradation of ERDS Software	7,87,500/-
54	Centre for Spatial Information Technology	GNSS Lab	Dot net	3,60,675/-
55	Centre for Spatial Information Technology	DIP Lab	Photogrammetry Suite –Hardware (2 no's)	17,64,000/-
56	Centre for Spatial Information Technology	GNSS Lab	Handheld GPS Receivers	1,73,250/-
57	Centre for Water Resources	Environmental Laboratory	COD Heater Block	1,02,900/-
58	Centre for Water Resources	Environmental Laboratory	Colorimeter	2,75,846/-
59	Centre for Water Resources	Environmental Laboratory	Visible Spectrometer	3,11,430/-
60	Centre for Water Resources	Hydraulics Laboratory	Darcy's Law Apparatus	47,250/-
61	Centre for Water Resources	Hydraulics Laboratory	Free & Force Vortex Apparatus	57,750/-
62	Centre for Water Resources	Hydraulics Laboratory	Laminar Flow Table	57,750/-
63	Centre for Water Resources	Hydraulics Laboratory	Tilting Flume Apparatus	1,47,000/-
64	Centre for Water Resources	Hydraulics Laboratory	Pipe surge & Water Hammer Apparatus	99,750/-
65	Centre for Water Resources	Hydraulics Laboratory	Hydraulic Ram Test Rig	99,750/-
66	Centre for Water Resources	Water Resources Simulation & Modeling Laboratory	10KVA Online UPS	2,24,637/-
67	Centre for Water Resources	Environmental Laboratory	DO Meter	47,250/-
68	Centre for Water Resources	Environmental Laboratory	Autoclave	2,49,900/-
69	Centre for Water Resources	Environmental Laboratory	Fluoride Meter	1,41,882/-
70	Centre for Water Resources	Water Resources Simulation Modeling Laboratory	Dell Computers	17,39,115/-
71	Centre for Water Resources	Water Resources Simulation Modeling Laboratory	Visual Modflow	5,19,750/-
72	Centre for Water Resources	Hydro Metrological Station	Digital Water Level Recorder	1,94,250/-

List of Toppers in UG Programmes passed out in May/June 2018: Not Applicable

S.	Name of the	Name of the	Studying Year	Name of the	Percentage of
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No.	Branch	Programme	(IV/IV, V/V etc.)	Student	Marks Secured
		B.Tech.			
		IDP (B.Tech + M.Tech)			
		IDP (B.Tech + M.B.A)			

List of Toppers in PG Programmes passed out in May/June 2018

S. No.	Name of the Programme	Name of the Specialization	Studying Year (II/II, III/III etc.)	Name of the Student	Percentage of Marks Secured
1	M.Tech. (IST IS OFFERING TOTAL 10 M.TECH PROGRAMMES)	Biotechnology	2016-2018	Manasa.Gujjala 16031D0303	9.68%
2		Water and Environmental Technology	2016-2018	Duvvuri.Sirisha 16031D5915	9.57%
3		Chemical Technology	2016-2018	Tabassum 16031D9211	9.95%
4		Environmental Management	2016-2018	Y.Aditya Reddy 16031D3115	9.43%
5		Environmental Geomatics	2016-2018	Bobilli.Sachin Kumar 16031D6017	9.07%
6		Spatial Information Technology	2016-2018	Nalla.Chumbitha Leena 16031D3214	9.28%
7		Geo – Informatics and Surveying Technology	2016-2018	Kommu.Divya 16031D4708	8.09
8		Nano Technology	2016-2018	Dharanikota.Ramya 16031D6616	9.61%
9		Nano Electronics and Photonics	2016-2018	R.Kiran Kumar Reddy 16031DA711	9.86%
10		M.Pharm. (IST IS OFFERING TOTAL 3 M.PHARMACY PROGRAMMES)	Pharmaceutical Analysis and Quality Assurance	2016-2018	Ambekar.Mounika 16031S0409
11	Pharmaceutics		2016-2018	Kondeti.Sindhu 16031S0312	9.94%
12	Pharmacognosy		2016-2018	Yadam.Anusha 16031S0701	9.86%
13	Organic Chemistry		2016-2018	Anantha Srujana.E	9.86 %

	M.Sc. (IST IS OFFERING TOTAL 4 M.SC PROGRAMMES)			16031G0801	
14		Analytical Chemistry	2016-2018	K.Ankitha 16031G2203	9.84%
15		Biotechnology	2016-2018	K.Sahitya 16031G0319	9.56%
16		Microbiology	2016-2018	Rashmitha Reddy 16031G1912	9.56%

Details of Students Qualified in GATE/GRE/CAT/MAT/GMAT etc.:

S. No.	Name of the Dept./Centre	Name of the Student	Exam Qualified and Rank Secured
1	Centre for Environment	Diddi Sai Vishal M.Tech(Environmental Management)	19622
2	Centre for Environment	Nenavath Bharath M.Tech(Environmental Management)	26335
3	Centre for Environment	Pamireddygari Santhosh Reddy M.Tech(Environmental Management)	9366
4	Centre for Environment	Parala Mahesh M.Tech(Environmental Management)	12430
5	Centre for Environment	Pittala Harish M.Tech(Environmental Management)	12552
6	Centre for Environment	Sangani Rajashekar M.Tech(Environmental Management)	14441
7	Centre for Environment	Satti Anil M.Tech(Environmental Management)	24395
8	Centre for Environment	Vemula Devi Sharada M.Tech(Environmental Management)	23129
9	Centre for Environment	Vodnala Maneesha M.Tech(Environmental Management)	24395
10	Centre for Environment	Adamala Anvesh Reddy M.Tech(Environmental Geomatics)	9869
11	Centre for Environment	Alishym Sangeetha M.Tech(Environmental Geomatics)	18295
12	Centre for Environment	Budidha Shashikanth M.Tech(Environmental Geomatics)	11585
13	Centre for Environment	Chidurala.Maneesh M.Tech(Environmental Geomatics)	13454
14	Centre for Environment	Chintamala Akhila M.Tech(Environmental Geomatics)	34737
15	Centre for Environment	Jagari Swamy M.Tech(Environmental Geomatics)	9175
16	Centre for Environment	M. Sunhitha M.Tech(Environmental Geomatics)	13263
17	Centre for Environment	Mallarapu shashi Preetham M.Tech(Environmental Geomatics)	34737

18	Centre for Environment	Mekala Prakash M.Tech(Environmental Geomatics)	20594
19	Centre for Environment	Mood Hema M.Tech(Environmental Geomatics)	20502
20	Centre for Environment	Naspoori Sudhir M.Tech(Environmental Geomatics)	21692
21	Centre for Environment	Panjala Bhargavaramu M.Tech(Environmental Geomatics)	14747
22	Centre for Environment	Poodari Venkata Ramana M.Tech(Environmental Geomatics)	13091
23	Centre for Nano Science and Technology	Akhila Gangarapu M.Tech(Nano Technology)	30752
24	Centre for Nano Science and Technology	Ganesh Mankala. M.Tech(Nano Technology)	31867
25	Centre for Nano Science and Technology	Jagadeeshwar Reddy Kommididi M.Tech(Nano Technology)	8336
26	Centre for Nano Science and Technology	Kalyan Sreenivas Kumar KGV M.Tech(Nano Technology)	10898
27	Centre for Nano Science and Technology	Madhukar Ittedi M.Tech(Nano Technology)	22518
28	Centre for Nano Science and Technology	Naveen Kumar Manupuri M.Tech(Nano Technology)	20753
29	Centre for Nano Science and Technology	Prem Singh Ramavath M.Tech(Nano Technology)	29374
30	Centre for Nano Science and Technology	Sahithyu Nellutla M.Tech(Nano Technology)	14393
31	Centre for Nano Science and Technology	Sai Kumar Pavar M.Tech(Nano Technology)	20594
32	Centre for Nano Science and Technology	Sharath Chandra Thalluri M.Tech(Nano Technology)	31246
33	Centre for Nano Science and Technology	Shireesha Vasukula M.Tech(Nano Technology)	29106
34	Centre for Nano Science and Technology	Vinay Joru M.Tech(Nano Technology)	22909
35	Centre for Pharmaceutical Sciences	Abhignya Vojjala M.Pharmacy(Pharmaceutical Analysis)	2418
36	Centre for Pharmaceutical Sciences	Aziz Sheik M.Pharmacy(Pharmaceutical Analysis)	2418
37	Centre for Pharmaceutical Sciences	Humera Begum M.Pharmacy(Pharmaceutical Analysis)	1649
38	Centre for Pharmaceutical Sciences	Mary Param Jyothi Palaparathi M.Pharmacy(Pharmaceutical Analysis)	2340
39	Centre for Pharmaceutical Sciences	Mounika J M.Pharmacy(Pharmaceutical Analysis)	4651
40	Centre for Pharmaceutical Sciences	Navya Sree Atigadda M.Pharmacy(Pharmaceutical Analysis)	2499
41	Centre for Pharmaceutical Sciences	Sai Sindhuja Sri Ramadasu M.Pharmacy(Pharmaceutical Analysis)	1549
42	Centre for Pharmaceutical Sciences	Srilekha Kasoju M.Pharmacy(Pharmaceutical Analysis)	2418
43	Centre for Pharmaceutical	Swapna Banavath	11701

	Sciences	M.Pharmacy(Pharmaceutical Analysis)	
44	Centre for Pharmaceutical Sciences	Varshasri Garikapati M.Pharmacy(Pharmaceutical Analysis)	901
45	Centre for Pharmaceutical Sciences	Amulya Etikala M.Pharmacy(Pharmaceutics)	849
46	Centre for Pharmaceutical Sciences	Bharath Dubashi M.Pharmacy(Pharmaceutics)	3077
47	Centre for Pharmaceutical Sciences	Ishrath Begum Md M.Pharmacy(Pharmaceutics)	2110
48	Centre for Pharmaceutical Sciences	Keerthi Reddy Sunkari M.Pharmacy(Pharmaceutics)	1609
49	Centre for Pharmaceutical Sciences	Mayuri Bandaru M.Pharmacy(Pharmaceutics)	5026
50	Centre for Pharmaceutical Sciences	Pallavi Dongre M.Pharmacy(Pharmaceutics)	2309
51	Centre for Pharmaceutical Sciences	Pallavi Sunduru M.Pharmacy(Pharmaceutics)	572
52	Centre for Pharmaceutical Sciences	Sheethal Lakum M.Pharmacy(Pharmaceutics)	1693
53	Centre for Spatial Information Technology	Jakkula Ramesh M.Tech(SIT)	18492
54	Centre for Spatial Information Technology	Vadthya Ramu M.Tech(SIT)	25344
55	Centre for Spatial Information Technology	Mane Ravi Kiran M.Tech(SIT)	29034
56	Centre for Spatial Information Technology	Belli Sandeed M.Tech(SIT)	14441
57	Centre for Spatial Information Technology	Inapanuri Seshuphani kumar M.Tech(SIT)	25621
58	Centre for Spatial Information Technology	Kasula Shiva Kumar M.Tech(SIT)	8888
59	Centre for Spatial Information Technology	Agnoor Sreekanth M.Tech(SIT)	17587
60	Centre for Spatial Information Technology	Kudikyala Srivardhan M.Tech(SIT)	18111
61	Centre for Water Resources	Athimamula Hima Sameera M.Tech(Water and Environmental Technology)	14909
62	Centre for Water Resources	Bitla Surender Reddy M.Tech(Water and Environmental Technology)	8758
63	Centre for Water Resources	Bulla Dhanya M.Tech(Water and Environmental Technology)	20723
64	Centre for Water Resources	C Sankeerth M.Tech(Water and Environmental Technology)	12040
65	Centre for Water Resources	Chakali Janardhan	19089

		M.Tech(Water and Environmental Technology)	
66	Centre for Water Resources	Deekonda Sharath M.Tech(Water and Environmental Technology)	8997
67	Centre for Water Resources	Eesala Leela Krishna M.Tech(Water and Environmental Technology)	21207
68	Centre for Water Resources	Kalwakota Vikas M.Tech(Water and Environmental Technology)	16359
69	Centre for Water Resources	Katta Suresh M.Tech(Water and Environmental Technology)	15052
70	Centre for Water Resources	Kolli Durga Rao M.Tech(Water and Environmental Technology)	13091
71	Centre for Water Resources	Konda Rajanikara Swamy M.Tech(Water and Environmental Technology)	13237
72	Centre for Water Resources	Nuthakki Niharika M.Tech(Water and Environmental Technology)	17067
73	Centre for Water Resources	Patlavath Bhasker Naik M.Tech(Water and Environmental Technology)	32100
74	Centre for Water Resources	Polampally Mruthyunjay M.Tech(Water and Environmental Technology)	12687
75	Centre for Water Resources	Sujana valsale. V M.Tech(Water and Environmental Technology)	20310

Details of Students Technical Symposiums organized by College/Dept./Centre (Please attach photos of the events)

S. No.	Name of the Dept./Centre	Name of the Event	Date on which Event was Conducted	No. of Students Participated
1	Centre for Pharmaceutical Sciences	Pharmacist Day	25 th September 2018	100 Members
2	Centre for Spatial Information Technology	NRSC VIST, Shadanagar, Hyderabad.	01 st March, 2019	13 Members
3	Centre for Spatial Information Technology	Applications of Geospatial Technology	21 th to 25 th May, 2018	15 Members
4	Centre for Water Resources	Applications of Geospatial Technology, Dehrardun	21 th to 25 th May, 2018	06 Members
5	Centre for Water	Mallaram water works,	16 th February, 2019	40 Members

	Resources	Chinna Kodur, Medak District.		
6	Centre for Water Resources	NRSC Visit, Shadnagar	1 st March, 2019	14 Members



Details of Awards/Prizes Received by the students

S. No.	Name of the Dept./Centre	Name of the Student	Name of the Award / Prize Received	Awarded by
1	Centre for environment	Dr. D. Bhagawan	Received the prestigious “NESA YOUNG SCIENTIST AWARD-2018”	National Environmental Science Academy, New Delhi,
2	Centre for environment	Dr. K. Srilatha	The achievement award title “Outstanding Young Scientist in Energy and Environment” Awarded by “RULA RESEARCH AWARD (2018-19)”	Powered by “World Research Council” & “United Medical Council
3	Centre for environment	Mr.P.Kirankumar	The achievement award title “Best Young Researcher in Environment and Energy” Awarded by “RULA RESEARCH AWARD (2018-2019)”	Powered by “World Research Council” & “United Medical Council”.
4	Centre for environment	Mr. S. Shivakumar	International “Best Young Researcher Award in Material Chemistry”(2018-2019).	Awarded by RULA Awards, World Research Council and United Medical Council
5	Centre for environment	Mr. S. Shivakumar	Prestigious IRDP – 2019, Best Young Researcher National / International Award -2019	Awarded by IRDP Group of Journals.
6	Centre for environment	Ms. R. Madhavi	Received Appreciation from IPE for giving presentation on wastewater treatment (2018)	IPE, Hyderabad

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

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

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. Tech	Biotechnology	Sreenija	Randstad	1.5Lakhs
2	M. Tech.	Biotechnology	D. Purna Durga Prasad	Shantha, A SANOFI company	1.8Lakhs
3	M. Sc.	Biotechnology	Omakarini M	Lazuline Biotech. Pvt. Ltd., Hyd.	1.4 Lakhs
4	M. Sc.	Biotechnology	Sahitya K	Cinecia Biotech. Pvt. Ltd., Hyd.	1.2Lakhs
5	M. Sc.	Biotechnology	R. Dinesh Reddy	Shanta Biotech. Pvt. Ltd., Hyd.	1.6Lakhs
6	M. Sc.	Microbiology	Abhinai Singh T	Shanta Biotech. Pvt. Ltd., Hyd.	1.8Lakhs
7	M. Sc.	Microbiology	Chethan Kumar B	Aurobindo Pharma Ltd., Hyd.	1.9Lakhs
8	M. Sc.	Microbiology	Jaya Sai Sirisha K	Sajjala biotech. Pragati nagar, hyd	1.6Lakhs
9	M. Sc.	Microbiology	Rashmitha Reddy K	Reddy's College for Women, Hyderabad	1.8Lakhs
10	M. Sc.	Microbiology	Sainath	Shanta Biotech. Pvt. Ltd., Hyd.	1.8Lakhs
11	M. Tech.	Biotechnology	Mallika K	Promea Biotech. Pvt. Ltd., Hyd.	1.8 Lakhs
12	M.Tech	Chemical Technology	S.Anil babu	SBI PO	5 Lakhs
13	M.Tech	Chemical Technology	G.Bharat Kumar	Divis Labs	2.5 Lakhs
14	M.Tech	Chemical Technology	V.Manish Kumar	Divis Labs	2.5 Lakhs
15	M.Sc	Analytical Chemistry	Abishek Reddy.B	Emmennar Pharma Pvt Ltd	2.0 Lakhs
16	M.Sc	Analytical Chemistry	Avekananda Reddy.A	Innovare Labs Pvt. Ltd	2.0 Lakhs
17	M.Sc	Organic Chemistry	Anjaneyulu. B	Emmennar Pharma Pvt Ltd	2.0 Lakhs
18	M.Sc	Organic Chemistry	Lakshmi Prasanna.A	Innovare Labs Pvt. Ltd	2.0 Lakhs
19	M.Sc	Organic Chemistry	Raghu Anu Sai Kumar.M	Emmennar Pharma Pvt Ltd	2.0 Lakhs
20	M.Sc	Organic	Sai Kumar.N	Emmennar Pharma Pvt	2.0 Lakhs

		Chemistry		Ltd	
21	M.Tech	Environmental management	A Naveen	India post, bhimavaram division Mail id.dobhimavram.ap@indiapost.gov.in	3.0 lakhs
22	M.Tech	Environmental management	M. Ganesh	AE, TSSPDCL, Telangana, www.tssouthernpower.com	8.2 lakhs
23	M.Tech	Environmental management	P.Shashi Kiran Reddy	AEE, RWS &S Govt of Telangana	8.2 lakhs
24	M.Tech	Environmental Geomatics	Mr. Bobbili Sachin Kumar	National Institute of Rural Development &Panchayati Raj, Hyderabad	2.40 lakhs
25	M.Tech	Environmental Geomatics	D Ramesh	AEE, RWS &S Govt of Telangana	8.2 lakhs
26	M.Tech	Environmental Geomatics	Adamala Anvesh Reddy	AEE, RWS &S Govt of Telangana	8.2 lakhs
27	M.Tech	NanoTechnology	Mohammad Firasat Ali Zahed	BHEL Apprentice	1.7 Lakhs
28	M.Tech	NanoTechnology	Barray Niveditha Reddy	Ph.D	3.0 Lakhs
29	M.Tech	NanoTechnology	Kothoju Rajesh	TSGENCO	4.5 Lakhs
30	M.Pharmacy	Pharmaceutical Analysis and Quality Assurance	Thati Swetha	Www. Biophore.cpm	1.8 lakhs
31	M.Pharmacy	Pharmaceutical Analysis and Quality Assurance	Sankati Vineesha	Clarivate Analytics	1.8 lakhs
32	M.Pharmacy	Pharmaceutics	B.Anusha	Amnean therapeutics Pvt Ltd	1.92 lakhs
33	M.Pharmacy	Pharmaceutics	M.Hima Varsha	Aizant	1.92 lakhs
34	M.Pharmacy	Pharmaceutics	E.Sravanthi	Amnean therapeutics pvt ltd	1.92 lakhs
35	M.Pharmacy	Pharmaceutics	Varuna Reddy	Clarivate Analytics	1.8 lakhs
36	M.Tech	Spatial Information Technology	R.S.S.Teja	Trimble Information Technologies, Taramani, Chennai	2.64 Lakhs

37	M.Tech	Spatial Information Technology	K. Kranthi Kiran	Karrthis Classmate Education, Hyderabad	7.20 Lakhs
38	M.Tech	Spatial Information Technology	Shivang Tandon	Genpact	3.60 Lakhs
39	M.Tech	Spatial Information Technology	P. Abhinaya Karthik	TSNPDCL	4.80 Lakhs
40	M.Tech	Geo Informatics and Surveying Technology	N.Bhujendar	Aeei&Cad T.S.GOVt	4.20 Lakhs
41	M.Tech	Geo Informatics and Surveying Technology	V. Krishna Sandeep	Geo Spatial Labs	2.40 Lakhs
42	M.Tech.	Water and Environmental Technology	Baradi.Sume etKumar(2016 Batch)	Irrigation & CAD Department, Govt. of Telangana, Manchiriyala	6.0 Lakhs
43	M.Tech.	Water and Environmental Technology	Koturwar Swetha (2017 Batch)	Roads & Buildings Department, Govt. of Telangana, Adilabad	6.0 Lakhs
44	M.Tech.	Water and Environmental Technology	Mamidala.H arikrishna(2017 Batch)	Irrigation & CAD Department, Govt. of Telangana, Manchiriyala	6.0 Lakhs
45	M.Tech.	Water and Environmental Technology	Palakurthi.A mulya Sree(2017 Batch)	Telangana State Pollution Control Board, Hyderabad	6.0 Lakhs
46	M.Tech.	Water and Environmental Technology	A.Hima Sameera	AEE, RWS&S, Telangana State, Hyderabad	6.0 Lakhs

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

S. No.	Name of the Activity	Date of Conduct
01	Pharmacist Day	25.09.2018
02	Pre R.D camp-2018 pune, Maharashtra	25 th November to 04 th December 2018



Details of Students Participated in various sports and games: Nil

S. No.	Name of the Student	Class & Branch	Game/Event	Hosting University / College

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

1. Conducted VII convocation cultural Program at JN auditorium on 8th May 2018
(Dr. M.Sunitha Reddy)

Any other significant information: Centre for environment (Field Visits)

Solid hazardous waste Landfill site- 2018 Jeedimetla effluent treatment plant-2018



Nature walk near neknampur lake -2018



Visited At Ameenpur lake, a biodiversity heritage site (March, 2019)



Field visit at JETL Hyderabad 2019





Blood donation



2week Training Program on Geospatial Technologies and Industrial Visit to Dayalbagh Students under TEQIP-III Twinning Activity.



Information regarding Academic Autonomy:

 ज्ञान-विज्ञान विमूक्तये डॉ. देव स्वरुप पूर्व कुलपति, राजस्थान विश्वविद्यालय, जयपुर संयुक्त सचिव Dr. Dev Swarup Former Vice-Chancellor, University of Rajasthan, Jaipur Joint Secretary	 सत्यमेव जयते	विश्वविद्यालय अनुदान आयोग University Grants Commission (मानव संसाधन विकास मंत्रालय, भारत सरकार) (Ministry of Human Resource Development, Govt. of India) बहादुर शाह जफर मार्ग, नई दिल्ली-110002 Bahadur Shah Zafar Marg, New Delhi-110002 दूरभाष Phone : 011-23212027 E-mail : devswarupugc@gmail.com dev.ugc@nic.in
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No.F. 22-1/2017(AC)	SPEED POST	July, 2019
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The Registrar
Jawaharlal Nehru Technological University Hyderabad,
Kukatpally, Hyderabad – 500 085
(Telangana)

02 JUL 2019

Sub: - Extension of Autonomous Status to Institute of Science and Technology, JNTU Hyderabad, Telangana affiliated to JNT University, Hyderabad

Sir/Madam,

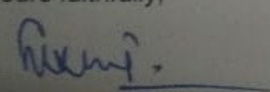
This has reference to the proposal submitted by Institute of Science and Technology, JNTU Hyderabad, Telangana affiliated to JNT University, Hyderabad for extension of autonomous status under the UGC Scheme for Autonomous Colleges.

The Standing Committee constituted by University Grants Commission in its meeting held on 25.06.2019 decided to extend the autonomous status to Institute of Science and Technology, JNTU Hyderabad, Telangana affiliated to JNT University, Hyderabad for a period of five years w.e.f. 2019-2020 to 2023-2024.

The University is requested to issue necessary notification/order regarding extension of autonomous status to the College as per the UGC (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2018 for Autonomous Colleges. The College, if eligible, shall apply for autonomy grant as per the norms laid down in the Regulations.

The Autonomous College is required to abide by all the provisions of the UGC Regulations for Autonomous Colleges. The Regulations are available on the UGC website, www.ugu.ac.in. Further, it may be noted that the above said college shall also apply in the prescribed format to University Grants Commission for extension of autonomous status six months prior to the expiry of the autonomous cycle.

Yours faithfully,


(Dev Swarup)

Cont....

Governance Structure:

As required by the regulatory body, governing body is established and designed to involve interests of all stakeholders involved in Institutional progress. With representation from all stakeholders, the Board of Governors with composition as elaborated in below Table shall meet regularly (at least once in a quarter). The Chair of the Governing Body is responsible for the leadership of the governing body, and is, therefore, ultimately accountable for its effectiveness. The Chair ensures the institution is well connected with its stakeholders. The Head of Institution is responsible in implementation of strategic direction and for management of the Institution as advised by the Board of Governors.

Broad Structure of BoG:

S.No	Designation	Number	Category	Nature	Period
1.	Chairman	01	Educationist	Chairman	As per Institute Guidelines
2.	Members	04	Management		
3.	Members	02	Senior Faculty of Institute	Nominated by Director based on Seniority	2 Years from date of appointment
4.	Member	01	Educationist or Industrialist	---	2 Years from date of appointment
5.	Member	01	UGC Nominee	Nominated by UGC	6 years from date of nomination
6.	Member	01	State Government Nominee	Nominated by the State Government	As per State Govt Norms
7.	Member	01	University Nominee	Nominated by University	As per University guidelines
8.	Member	01	AICTE Nominee	Nominated by AICTE	As per AICTE
9.	Member	01	Director of Institute	Ex-Officio	-

List of Members of BoG:

S.No	Name of the Member of BoG	Designation	Position in the BoG
1.	Prof. P. Jaya Prakash Rao	Former Chairman, State Council of Higher Education, Hyderabad	Chairperson
2.	Dr. S. Chandrasekhar	Director, CSIR-IICT, Hyderabad	Member
3.	Dr. Siva Kumaran	Director, Aurobindo Pharma Ltd.	Member
4.	Dr. Rakeshwar Bandichhor	Director, Dr. Reddy's Laboratories Ltd.	Member
5.	Sri. B. Gopala Krishna	Dy. Director, NRSC, Hyd.	Member
6.	Dr. A. D. Rao	Regional Director (Retd), CGWB, Ministry of Water Resources	Member
7.	Dr. K. Yella Reddy	Dean, Faculty of Agriculture Engg., & Technology, ANGRAU, A.P	Member
8.	Dr. M. Anji Reddy	Professor of Environmental Science and Technology and Director R&D, JNTUH.	Member
9.	Dr. K. Ramamohan Reddy	Professor of Water Resources, IST,	Member

		JNTUH.	
10.	Dr. G. Krishna Mohan	Professor of Pharmacy, CPS, IST, JNTUH	Member
11.	Dr. Sandeep Grover	Professor, Dept. of Mech. Engg, YMCA University of Science & Tech, Faridabad.	Member
12.	Dr. B. N. Bhandari	Director, Academic & Planning, JNTUH	Member
13.	Dr.K.HansRaj	Dean, Dayalbagh Educational Institute(DEI),Agra	Member
14.	Dr. B. L. Rama	Director, AICTE, New Delhi	Member
15.	Sri. D. Venkateswarlu	Secretary, SBTE, Telangana State, Hyderabad	Member
16.	Dr.B.Venkateswara Rao	Director, IST, JNTUH	Member Secretary

Infrastructure: Academic, Library, Computer Centre, Residential, Hostel etc.

e-library:

The Institute has established a separate E- Library for use by its students. It consists of 30 advanced computer systems through which the students have online access to E-books worth of 20 lakhs with perpetual license. The e-books can be downloaded through online access by URL links of Springer, Science direct, IEEE and e-journals like American Chemical Society, American Institute of Physics, American Physical Society, Cambridge University Press, Economic & Political Weekly, Indian Journals.com, Institute of physics, ISID, JCCC, Oxford University Press, Project Muse, Royal Society of Chemistry, Springer Link, Taylor & Francis, Web of Science, Wiley Black Well and many others are accessible to the students. The elibrary will help students to improve their core domain knowledge and technical skills. Scifinder- a research discovery application from American Chemical Society is provided for all the systems to help the student to access for worlds most comprehensive literature survey for execution of projects and research work.

University Library:

University library is located within the main campus, rich in resource, In terms of books, journal holdings and state of the art facilities which caters to the needs of students, faculty and research scholars of various disciplines like engineering, science and management. The University library has over 632000 books and is subscribing 95 technical journals in various subject fields. The library also subscribes to abstracts of 120 journals from national centre for science information, IDUFR Bangalore under COPSAT services through INFLIBNET and provides services like current awareness services, selective dissemination services, indexing along with normal services such as reference and referral, literature searching by bibliographic data and online searching. The library has audio visual library with two color TV's and VCR's with a small number of video tapes on subject fields. The library has internet facility .The digital library with e-books, e- Learning materials and e-journals are available.In Addition to this, Departmental Libraries are also available for the faculty and students in respective Centres.

Health Services:

Health Centre is furnished with 08 beds and dispensary. The Health Centre is headed by a full-time doctor working on deputation from the Government Service and supported by the Pharmacist and staff. The centre also has visiting doctors available on two days in a week. The Health centre has 4 General Wards and 4 Consultation rooms

Sports And Recreational Facilities:

University promotes sports, cultural and literary activities to ensure academic, social and spiritual growth of every student. The programs help them build communication and soft skills.

To encourage independent creativity among students in arts, activities, round the year competitions like poster competitions, paintings, rangoli competitions are held at various levels. Basket ball court, volley ball Court, cricket and modern Gym are provided within the campus. The Department is headed by a Professor of Physical Education supported by two Assistant Physical Directors and two Grounds men. The University is extensively promoting sports and games through its Constituent /Affiliated Colleges, Institutes, and Schools.

Accommodation:

The institute provides state of the art accommodation for students, Gautami Hostel accommodates the PG Boys, Girl students are accommodated in Gayathri hostel with all modern amenities like steam cooking, reading room, Gymnastic room, computer room, dining hall, hot water facility and free Wifi.

Departments Profile with Infrastructure & Facilities

S. No	Name of the Department	Infrastructure & Facilities
1	Centre for Bio-Technology	Real-Time RT PCR, Gel Documentation System, Autoclave, Microscopes, BOD Incubator, HPLC, Deionization water systems, Biosafety cabinet, CO2 incubator, Bioreactors of different capacities (5L,10L,14L), HPLC with ELSD and PDA detectors -04, Automated UV-Visible spectrophotometer-02, ELISA reader-01, Lyophilizer (Shelf type)-01, AKTAPRIME Protein Purification system-01, -80o Freezer, FTIR.
2	Centre for Chemical Sciences and Technology	Cyclone Separator, Adiabatic Batch Reactor, Fluidized Bed Dryer, Combined flow reactors for RTD studies, Bubble Cap Distillation apparatus, CSTR for RTD studies, Packed bed Reactor for Adsorption studies, Helical Coil Heat Exchanger, Ion Chromatograph, CHNS analyzer, Rheometer, Fixed Bed Catalytic Reactor, Mass Spectrometer, Immersion cooler, RO system, Fixed bed catalytic reactor, UV-Visible Spectrometer, Flame Photometer, Flash Chromatograph, Bench Top NMR, Micro wave synthesizer, Rotary Evaporator, IR Spectrophotometer, Gas Chromatograph, HPLC, Advance Flow Reactor, Julabo Chillers, Water purifier, Eyela Low Temperature reactor, Parallel Sythesizer, Digital Polarimeter.
3	Centre for Environment	GC-MS, HPLC, GC, FT-IR, AAS, UV-Vis Spectrophotometers, TOC analyzer, CVD, flame synthesis, Culture rooms, laminar flow chambers, Phase contrast microscope, Dark field microscope, Lyophilizer, CO incubator, 2 anaerobic glove box, photo bioreactors, PCR, DGGE, Gel doc, microplate reader, -800C deep freezer, refrigerated centrifuge, bioinformatics software- seqMan, Mega 4, electrophoresis units, Photo catalysis, UASB, RBC, ASP, Electro-Coagulation, MFC, Membrane filtration, Electrolyser, Raysway pond system, Photo bioreactor, Hydrogen generator, incinerator, pyrolysis, gasification unit, DATEM, Flame Photo

		Meter, Air high volume sampler, Stack monitoring instruments, ICP OES , Chemical Vapor Deposition unit, Hydrogen Adsorption unit, Flame reactor setup, Reverse osmosis, Electrocoagulation unit, Anaerobic glow box,Ultra-pure water system, Millipore unit, Continuous stirrer reactor (CSTR),USAB Reactor, Geo Spatial Lab : DGPS, ETS & Hand held GPS, Hyper spectral radiometer, A0 scanner and plotter, UAVDrone
4	Centre for Nano Science and Technology	Atomic Force Microscope, TGA/DSC/DTA, UV Spectroscopy, Spin coating, Spray Pyrolysis, Ball Mill, Mini CVD, Thin Film Unit, XRD, Particle Size Analyzer, Controlled Humidity chamber (sensor), Cyclic Voltammetry, Solar simulator, Four point probe, Gas sensor set up, Nano fluid Ultrasonic Interferometer, FTIR, Tubular furnace, Contact angle.
5	Centre for Pharmaceutical Sciences	FTIR, HPLC, HPTLC, Spectro Fluoro Meter, UV – Vis Spectrophotometer, Gas Chromatography, Karl Fischer Moisture Titrator, Flame Photometer, Zeta Sizer, Dissolution Test Apparatus, Shaking Incubator, Automated Biochemistry Analyzer, Rota Evaporator, Fluorescent Microscope, Spray Drier, Tablet Compression Machine, Elisa Reader, Co Incubator, Fluorescence Microscope.
6	Centre for Spatial Information Technology	Held GPS, DGPS, A0 size scanner , Mirror Photogrammetry, Computers
7	Centre for Water Resources	Flame Photometer, Very Low Frequency Equipment, Water Quality Analyzer Kit, Visible Spectrophotometer, Total Organic Carbon Apparatus ,Calorimeter For Physical And Chemical Parameters Analysis, Autoclave, Atomic Absorption Spectrophotometer, ABEM Terrameter SAS 1000 System , Channel Seismic Refraction Timer, Pumping Test Equipment, Water Level Indicators, Well Logger SAS 300 , Ground Penetrating Radar (Gpr) With 400 MHz & 100 MHz, Ssr Mp Ats Resistivity Meter, Hyper Spectral Radiometer, Hydraulics Ram Test Rig, Tilting Flume Apparatus , Free & Forced Vortex Apparatus, Laminar Flow Table, Pipe Surge & Water Hammer Apparatus, Darcy's Law Apparatus , Fluoride Meter.
8	Centre for Earth and Atmospheric Science	Meteorological Observatory and Climatic Tower, Weather, Computer and GIS, C band and Micro Rain Radar.
9	Centre for Alternate Energy Options	Prototype Hydrogen generator, Potentiostat/ Galvanostat, Pneumatic Hot press, Vacuum Oven Flame Synthesis Unit, Chemical Vapour Deposition, (CVD) Hydrogen Adsorption Unit, Bioreactor, Gas Chromatography(GC) Gas

		Chromatography with Mass spectroscopy(GCMS), Inductive couple plasma(ICP), High performance liquid chromatography, Fourier transform infrared spectrometer(FTIR)
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EXAM RESULTS ANALYSIS:

RESULT ANALYSIS FOR THE ACADEMIC YEAR 2018-2019 OF M.TECH/M.PHARMACY STUDENTS
TRANSITION RATE FOR PG STUDENTS AT IST

M.TECH/M.PHARMACY	YEAR WISE RESULT ANALYSIS			
	NO OF STUDENTS APPEARED		NO OF STUDENTS PASSED	PASS PERCENTAGE
ACADEMIC YEAR 2018-2019 2017 BATCH	BT	9	9	100%
	CT	3	3	100%
	EGM	17	16	94%
	EMT	16	14	97%
	SIT	8	6	75%
	GIST	14	12	85%
	WET	14	13	92%
	NT	12	12	100%
		93	85	91.3%

RESULT ANALYSIS FOR THE ACADEMIC YEAR 2018-2019 OF M.TECH/M.PHARMACY STUDENTS
TRANSITION RATE FOR PG STUDENTS AT IST

M.TECH/M.PHARMACY	YEAR WISE RESULT ANALYSIS			
	NO OF STUDENTS APPEARED		NO OF STUDENTS PASSED	PASS PERCENTAGE
ACADEMIC YEAR 2018-2019 2018 BATCH	BT	13	11	84%
	CT	11	11	100%
	EGM	13	8	61%
	EMT	15	12	80%
	SIT	14	13	92%
	GIST	No Admissions For Course	---	---
	WET	16	13	81%
	NT	13	11	84%
		95	79	83%