



# DEPARTMENT OF CHEMISTRY

**Tara Government College, Sangareddy(A)**

## Significant Achievements-2020-21

- Department of Chemistry, Tara Government College, Sangareddy (A) has engaged in **MoU** with Department of Chemistry, Girraj Government (A) College, Nizamabad On **01.04.2021** as a part of academic collaboration for student centric activities.

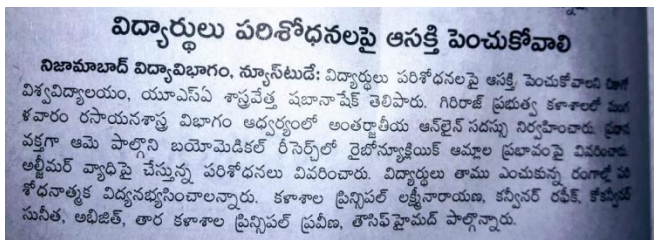


- Department of Chemistry, Tara Government College, Sangareddy (A) in collaboration with Department of Chemistry, Girraj Government (A) College, Nizamabad and EDC, Tara Government College, Sangareddy (A) has organized **National Webinar** on “**Entrepreneurship-Opportunities through Research in Science**“ on **03.04.2021**. **Dr. Praveen Vemula, inStem, Bangalore** was acted as resource person for the Webinar. A cloud-based peer-to-peer software platform, Zoom was used for the Webinar. The Webinar mainly focused on Entrepreneurial aspects of students to sensitize their skill development and Career in the research field. Around **145** Students, Faculty and Researchers have participated in the webinar from various parts of the India.

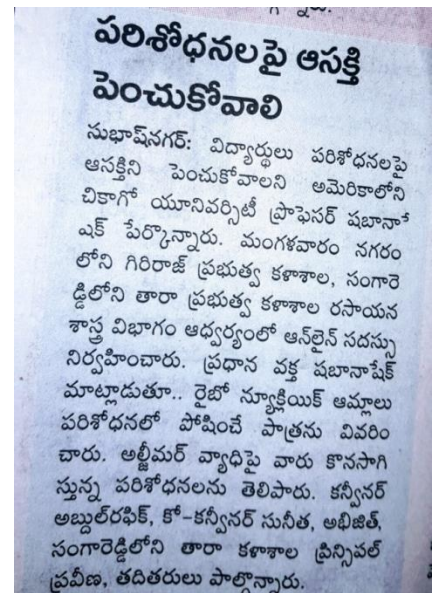
విద్యార్థులు పాల్గొన్నారు. గిరిరాజ్ కళాశాలలో జాతీయస్థాయి వెబినార్ సుభాష్ నగర్: నగరంలోని గిరిరాజ్ ప్రభుత్వ కళాశాలలో రసాయనశాస్త్ర, వ్యవస్థాపక అభివృద్ధి విభాగం, సంగారెడ్డిలోని తారా ప్రభుత్వ కళాశాల సంయుక్తాధ్వర్యంలో ఎంటర్ప్రెన్యూర్షిప్ ఆపర్చునిటీస్ త్రో రీసెర్చ్ ఇన్ సైన్సెస్ అనే అంశంపై జాతీయస్థాయి వెబినార్ నిర్వహించారు. ప్రధాన వక్తగా విచ్చేసిన ప్రొఫెసర్ ప్రవీణ్ కుమార్ మాట్లాడుతూ వ్యవస్థాపకతతో విజయాన్ని సాధించాలంటే సమాజానికి ఉపయోగపడే అంశాన్ని ముందుగా గుర్తించాలన్నారు. వెబినార్లో కళాశాలల ప్రిన్సిపాల్స్ లక్ష్మీనారాయణ, ఎం ప్రవీణ, వెబినార్ కన్వీనర్ అబ్దుల్ రఫీక్, హెచ్.ఓ.టీలు ఎం సునీత, అభిజిత్, తదితరులు పాల్గొన్నారు.



- Department of Chemistry, Tara Government College, Sangareddy (A) in collaboration with Department of Chemistry, Girraj Government (A) College, Nizamabad has organized **International Invited Lecture & Interactive Talk** on “**Small Is Big: The Big Impact Of Small Ribonucleic Acids In Biomedical Research** “on **20.04.2021**. **Dr. Shabana Shaik, Department of Neurobiology, The University of Chicago, Chicago, IL-60637, USA** was acted as resource person for the Webinar. A cloud-based peer-to-peer software platform, Zoom was used for the Webinar. The Webinar mainly focused on Biomedical research applications and emerging trends of Small Ribonucleic acids. Around **173** Students, Faculty and Researchers have participated in the lecture from various parts of the India.



**ఈనాడు**



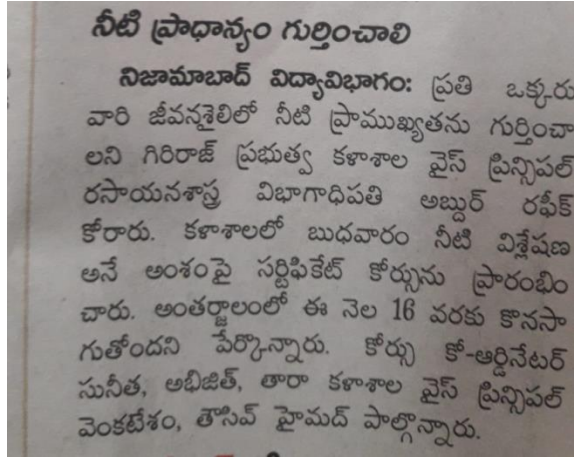
**నమస్తే తెలంగాణ**

మన వ్యక్త మన అభిప్రాయం

- Department of Chemistry, Tara Government College, Sangareddy (A) in collaboration with Department of Chemistry, Girraj Government (A) College, Nizamabad have conducted certificate course on “**CERTIFICATE COURSE IN WATER ANALYSIS (VIRTUAL MODE)**“ from **07.04.2021** to **16.04.2021**. **Faculty from three different colleges have been** acted as resource person for the Certificate course. A cloud-based peer-to-peer software platform, Zoom was used for the Certificate course. The course is designed to cement the Skill gap between academia and industry. The main objective of the certificate course is to impart Skill development and employability to the students, and 400+ students of various institutes were enrolled in the certificate course and among them **352** students have successfully completed the Certificate course. The structure of the certificate course drafted to fulfill the needs of Water and Beverage industries which are located in the Sangareddy and Patancheru



industrial corridor like the Global giants Pepsi and Cocacola. This Certificate course is designed for BSc.(CHEMISTRY) students.



**ఈనాడు**

**నమస్తే తెలంగాణ**

**Namasthe Telangana**

**ముగిసిన సర్టిఫికేట్ కోర్సు**  
**సుభాష్ చంద్ర:** నగరంలోని గిరిరాజ్ ప్రభుత్వ కళాశాల రసాయనశాస్త్ర విభాగం వారం నుంచి నిర్వహిస్తున్న సర్టిఫికేట్ కోర్సు ఇన్-వాటర్ ఎనాలజీస్ (ఆన్ లైన్ విధానం) శుక్రవారంతో ముగిసింది. కళాశాల ప్రిన్సిపల్ డాక్టర్ లక్ష్మీ నారాయణ ముగింపు సమావేశంలో మాట్లాడారు. ఈ కోర్సుకు తెలంగాణలోని వివిధ డిగ్రీ కళాశాలల విద్యార్థులు హాజరయ్యారన్నారు. అనంతరం విద్యార్థులకు ఈ-సర్టిఫికేట్ ప్రదానం చేశారు. ఈ కార్యక్రమంలో కోర్సు కో-ఆర్డినేటర్ డాక్టర్ ఎం.సునీత, కన్వీనర్ డాక్టర్ ఎం.డి.అబ్దుల్ రఫీక్, కో-కన్వీనర్ అభిజిత్, అధ్యాపకులు పాల్గొన్నారు.

**విద్యార్థులకు ఎంతో ఉపయోగకరం**

నిజామాబాద్ విద్యావిభాగం, న్యూస్ టుడే: నీటి విశ్లేషణపై అంతర్జాలంలో సర్టిఫికేట్ కోర్సును నిర్వహించడం విద్యార్థులకు ఎంతో ఉపయోగకరమని గిరిరాజ్ ప్రభుత్వ కళాశాల ప్రిన్సిపల్ లక్ష్మీనారాయణ తెలిపారు. ఎనిమిది రోజులుగా రసాయనశాస్త్ర విభాగం ఆధ్వర్యంలో నిర్వహిస్తున్న నీటి విశ్లేషణ సర్టిఫికేట్ కోర్సు ముగింపు కార్యక్రమాన్ని శుక్రవారం నిర్వహించారు. రాష్ట్రంలోని వివిధ కళాశాల విద్యార్థులు పాల్గొని విషయ పరిజ్ఞానాన్ని పెంపొందించుకున్నారని తెలిపారు. వృత్తిపరమైన అవకాశాలు మెరుగుపరుచుకోవడానికి ఈ కోర్సు ఉపయోగపడుతుందన్నారు. కోర్సు కో-ఆర్డినేటర్ సునీత, కన్వీనర్ అబ్దుల్ రఫీక్, కో-కన్వీనర్ అభిజిత్, ఆదేవు, వెంకటేశం పాల్గొన్నారు.

మాట్లాడుతున్న ప్రిన్సిపల్ లక్ష్మీనారాయణ






**సాక్షి**  
 SAKSHI TELUGU DAILY

**ఈనాడు**

- Department of chemistry has published six SCOPUS indexed journals.

Name of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	Link to the notification in UGC enlistment of the Journal
K. Abhijit	Synthesis of Novel Functionalized Pyrano Annulated/Oxazolone Pendent Chromone Derivatives as Potent Anti-Diabetic Agents	Russian Journal of General Chemistry	June, 2020	<a href="https://www.scopus.com/sourceid/21525">https://www.scopus.com/sourceid/21525</a>
K. Abhijit	Design and synthesis of novel benzyloxy-tethered-chromone-carboxamide derivatives as potent and selective human monoamine oxidase-b inhibitors	Chemical Papers	August, 2020	<a href="https://www.scopus.com/sourceid/22804">https://www.scopus.com/sourceid/22804</a>
Abhijit Kantankar	Rational design, synthesis, biological evaluation and molecular docking studies of chromone-pyrimidine derivatives as potent anti-cancer agents	Journal of Molecular Structure	April, 2021	<a href="https://www.scopus.com/sourceid/24642">https://www.scopus.com/sourceid/24642</a>
Vala Manojkumar	An Efficient Rapid Synthesis of Benzoxazoles and Benzothiazoles Using PMA.SiO <sub>2</sub> at Room Temperature under Heterogeneous Conditions	Letters in Organic Chemistry	September, 2020	<a href="https://www.scopus.com/sourceid/4700152615">https://www.scopus.com/sourceid/4700152615</a>
Manoj Kumar Vala	Copper catalyzed C–O bond formation by direct C–H activation of THF with phenols: an approach to the synthesis of phenyl tetrahydrofuranylethers	Synthetic Communications	December, 2020	<a href="https://www.scopus.com/sourceid/26509">https://www.scopus.com/sourceid/26509</a>
Manoj Kumar Vala	The synthesis of phenyl carbamates catalyzed by iron (II) bromide: An oxidative approach for crosscoupling of phenols with formamides	Synthetic Communications	December, 2021	<a href="https://www.scopus.com/sourceid/26509">https://www.scopus.com/sourceid/26509</a>
Vala Manojkumar	An Efficient Rapid Synthesis of Benzoxazoles and Benzothiazoles Using PMA.SiO <sub>2</sub> at Room Temperature under Heterogeneous Conditions	Letters in Organic Chemistry	August, 2020	<a href="https://www.scopus.com/sourceid/4700152615">https://www.scopus.com/sourceid/4700152615</a>

- **M. Manikantha** of B.Sc.III student bagged 151<sup>st</sup> Rank in GPGET-2021-M.Sc.-Chemistry.

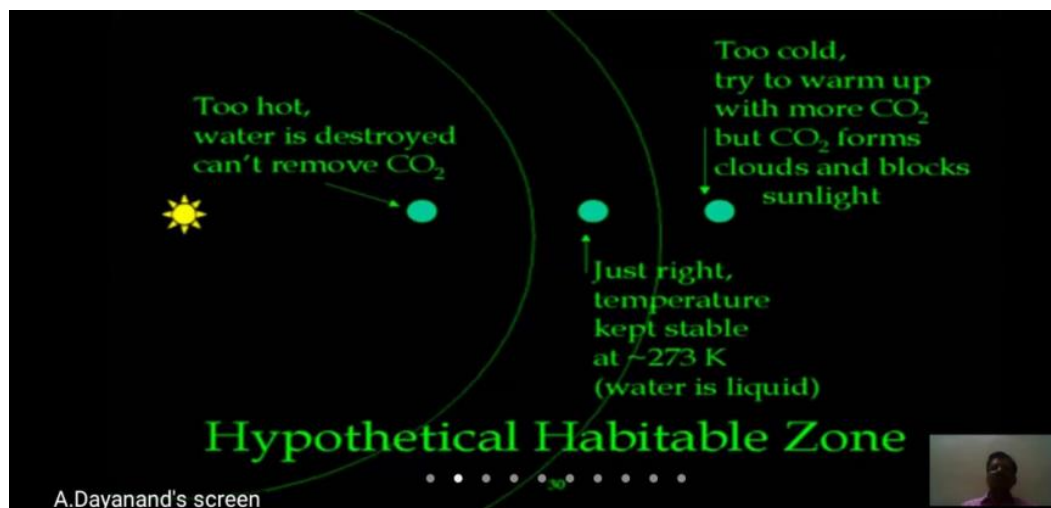
CPGET - 2021		DIRECTORATE OF ADMISSIONS : OSMANIA UNIVERSITY, HYDERABAD	
<b>RANK CARD</b>			
Hall Ticket No.	: 62087530575	Community <b>BC_D</b>	
Candidate's Name	: MASULDARI MANIKANTH	Date of Birth <b>22/12/2000</b>	
Father's Name	: MASULDARI DASHARATHA		
Test Name	: M.Sc. Chemistry		
Marks Obtained	: 42		
Rank	: 151		
   Convener		 M. Manikantha	

- Department of Chemistry, Tara Government College, Sangareddy (A) has organized Lecture and Interactive talk on “**Paper Chromatography**“on **02.03.2021**. **Mr. Saleem Pasha**, Assistant Professor of Chemistry, Government Degree College (A), Siddipet, Telangana was acted as resource person for the Lecture and Interactive Talk as part of curricular enrichment. The Lecture mainly focused on Concept and methodology of Paper chromatography. Around **40** Students of B.Sc. (CHEMISTRY)-III year have participated in the Lecture.



- Department of Chemistry, Tara Government College, Sangareddy (A) has organized ONLINE Lecture and Interactive talk on “**Impact of Water chemistry on Life**“ on the occasion of World Water Day-2021 on **23.03.2021**. **Dr. A.DAYANAND**, Assistant Professor of Chemistry, Government City College, Hyderabad, Telangana was acted as resource person for the Webinar. A cloud-based peer-to-peer software platform, Zoom was used for the lecture. The Lecture mainly focused on importance of water

chemistry in life and sustainable practices of water conservation. Around **65** Students and Faculty have participated in the webinar from various parts of the State.



- Department of Chemistry, Tara Government College, Sangareddy (A) in collaboration with Eco-Club, Tara Government College, Sangareddy (A) has organized National Webinar on “Restore Our Earth” on the occasion of World Earth Day-2021 on **22.04.2021**. **K.Kanaka DurgaPrasad, Lecturer in Geology,** Nagarjuna Government College (A), Nalgonda, Telangana was acted as resource person for the Webinar. A cloud-based peer-to-peer software platform, Zoom was used for the Webinar. The Webinar mainly focused to discuss on natural processes, emerging green technologies, and innovative thinking that can restore the world’s ecosystems. Around **71** Students and Faculty members have participated in the webinar from various parts of the India.

