

## Report of National Webinar

### “Entrepreneurship-Opportunities through Research in Science”

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 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.

**Convener of the Webinar:** **Dr. Md. Abdur Rafeeq**, *Head, Department of Chemistry, Girraj Government (A) College, Nizamabad.*

**Co-convener of the Webinar:** **K.Abhijit**, *Department of Chemistry, Tara Government College, Sangareddy (A).*

### About the Resource person:



Dr. Praveen Vemula is a faculty at inStem, Bangalore, and he is a co-founder of three companies. He holds 25 issued or pending patents/technology disclosures. Multiple patents of his have been licensed to biotech companies. He has published over 60 peer-reviewed papers, 16 abstracts and two book chapters. Nine of his research papers were appeared as the cover page articles.

Praveen obtained masters (M.Sc., Org. Chem.) degree from Osmania University, Hyderabad and Ph.D. from Indian Institute of Science, Bangalore in Organic Chemistry (2005). Subsequently he carried out over two years of postdoctoral research at the City College of New York and over four years at Harvard-MIT Division of Health Sciences and Technology in Harvard Medical School in affiliation with Brigham and Women's Hospital. In 2009, he has been selected as one of the thirteen fellows in the USA for the prestigious entrepreneur fellowship from the Ewing Marion Kauffman Foundation, where he received exposure to entrepreneurial education and closely worked with the foundation to commercialize the biomedical technologies. In addition to developing platform technologies,

Praveen is seeking opportunities to translate them through active patenting and subsequently exploring the possibility to license them to biotech companies or by forming spin-off companies.

His research was recognized/highlighted in the national and the international press and media including The Hindu, Deccan Herald, The Times of India, CNN, Nature, Nature Materials, Nature Nanotechnology, The New York Times, Newsweek, Chemical & Engineering News, Scientific American, Materials Research Society, Materials Today, American Chemical Society, United Press International, Nanotechnology News, Nanowerk, Green Chemistry Network, National Science Foundation and National Institute of Health.

*(Courtesy: [orcid.org](https://orcid.org))*

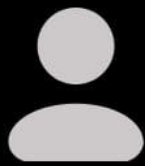
### **Key points Discussed in the Webinar:**

- Concept of entrepreneurship.
- Scope of Scientific Research in entrepreneurship.
- Road map for innovation to product in market.
- IPR in Medicinal research.
- Entrepreneurial opportunities in Medicinal research.
- Self-assembled prodrug-based nanomaterials.
- Next Generation Biomaterials in Medicinal Chemistry.
- Degree of patent in scientific discoveries.
- Patent filing-protection.
- Role of publications in filing strong patents.
- Career in Medicinal Chemistry.

10:04

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REC



Praveen Vemula

RAMU P



Principal, Tara Govt. College



Dr Abdur Rafeeq



10:15

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Zoom

Leave

38:15

REC

Four-steps rule!

- Great idea : Should address a huge unmet need  
One product-off vs Platform technology
- A broad blocking patent  
Prior art - due diligence
- A publication in a top journal  
Credibility and Visibility



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Participants




























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### Participants (145)

Search

- RP** RAMU P (me)   >
- MS** Mathangi Sunitha (Host)    >
- PV** Praveen Vemula (Co-host)   >
- PT** Principal, Tara Govt. College   >
- 1** 117370   >
- AN** A naveena   >
- AB** A. Bindhusri(BtBC) 005   >
- AP** aaloori Prathibha   >
- AK** Abhijit K   >
- AN** Alladi Navya   >
- AB** Anisa begum   >
- AB** Archana btbc (068)   >
- AP** Arewar privanka M.sc(organic c...   >

Invite



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Praveen Vemula's screen



# PRESS COVERAGE

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, హెచ్ఓటీలు ఎం సునీత, అభిజిత్, తదితరులు పాల్గొన్నారు.

