

A one day Webinar series on 29.05.2021 titled

‘RECENT TRENDS IN ORGANOCATALYSIS’:

- On May 29th, 2021, Chemistry division of Science and Humanities department of Vignan's Foundation for Science, Technology & Research (Deemed to be University), has organized a one day Webinar on ‘**RECENT TRENDS IN ORGANOCATALYSIS**’.
- Dr.Suriseti Suresh, Principal Scientist and Associate Professor in CSIR-IICT, Hyderabad and R. Balamurugan, Professor from School of Chemistry, Hyderabad were the two resources persons for the webinar on ‘**RECENT TRENDS IN ORGANOCATALYSIS**’.



Dr.Suriseti Suresh,
Principal Scientist and Associate
Professor,
CSIR-IICT, Hyderabad



Dr.R. Balamurugan,
Professor, School of Chemistry,
Gachibowli, Hyderabad

- Dr.Suriseti Suresh has presented the history of the Organocatalysis, starting from the research work carried out by the scientist Linus Pauling till the latest trends in the organocatalysis field. He had also mentioned various transition metal catalysis followed by organocatalysis by N-Hetero cyclic carbene (NHC).
- Dr.Suriseti Suresh has also mentioned the synthesis of biologically relevant molecules and Umpolung–aza-Michael Addition–Oxidation of β -Carboline Cyclic Imines using N-Hetero cyclic carbene (NHC) as a catalyst.
- Prof. R. Balamurugan from School of Chemistry, Hyderabad has delivered a one hour presentation over synthetic applications of Acetals under transition metal and Bronsted acid catalysis.

- Prof. R. Balamurugan has also mentioned that the use of acetals for synthetic applications other than protecting group for carbonyl function is less explored. Synthetic utilities of in situ generated acetals under transition metal and Bronsted acid catalysis is being explored. Several interesting synthetic applications of this system have been discussed.
- The Convenor for this webinar is Dr. Shaik Anwar, Associate Professor in Chemistry Division of Science and Humanities department. Dr. N. Srinivasu, head of Science and Humanities department and Dr. K. Prabhakara Rao, head of Chemistry Division, VFSTR have inaugurated the webinar. More than 250 participants from various reputed institutions have registered for the Webinar.
- The faculty from various sister institutes of Vignana's groups, research scholars, post graduate and graduate students of the university were present at the program and got benefitted from the presentations by the resource persons.