

DEPARTMENT OF STUDIES AND RESEARCH IN CHEMISTRY
EVENT ORGANIZED REPORT – 2020-2021

| | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of the program | 28-07-2020 |
| Title of the Program | Webinar on "Intermolecular Bonding" |
| Venue | Online platform 'ZOOM' |
| Forum | Chemistry |
| Convenor | Dr.Narendra N |
| Chairman | Dr.Shalini B R, Principal, University College of Science. |
| Inauguration | By Honorable Vice-Chancellor Prof. Y S Siddegowda |
| Dept. Coordinator | Dr. G. R. Vijayakumar |
| Resource person | Prof. Arunan E, Indian Institute of Science, Bangalore. |
| No. of students | 100 |
| Program details | Professor Arunan E of Indian Institute of Science Bangalore spoke on new type of intermolecular bond researched by his group which was a hydrogen bonding originating from ethylenic and acetylinic carbons bonded to hydrogens. This hydrogen bond could be verified only at very low temperatures and it's effect was that new physical phases of molecules could be generated. He presented his group's work on the theoretical and experimental aspects of this phenomena. |

Narendra N is inviting you to a scheduled Zoom meeting.

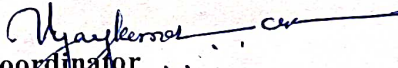
Topic: Inaugural lecture of the Webinar Series organized by DOSR in Chemistry, UCST, Tumkur University. Speaker: Prof. Arunan E; Topic: Intermolecular Bonding
Time: Jul 28, 2020 03:45 PM India

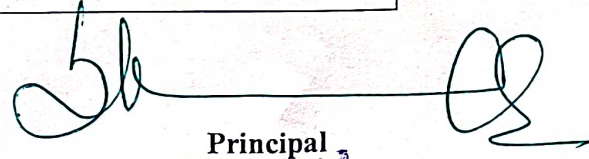
Join Zoom Meeting

<https://us04web.zoom.us/j/2104209525?pwd=bXFWYkc0MVFwNkozNDhSNzVXUDE3QT09>

Meeting ID: 210 420 9525

Passcode: 1s7exj


Coordinator
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ತುಮಕೂರು


Principal
PRINCIPAL
University College of Science
TUMKUR - 572103

Webinar Series
Department of Studies and Research in Chemistry
University College of Science, Tumkur University, Tumkur

"Invitation from the Faculty and the Students of DOSR in Chemistry"

Inauguration

28 July 2020, 4:00 pm on Zoom Cloud Meeting

Inaugural Address

Prof. Siddegowda Y S

Honorable Vice Chancellor, Tumkur University

Inaugural Lecture on Intermolecular Bonding

Prof. Arunan E

Indian Institute of Science, Bangalore

Presence

Smt. Shalini B R

Principal, University College of Science, Tumkur

Dr. Vijaykumar G R
Coordinator, DOSR in Chemistry, UCST

Dr. Narendra N
Program Convenor



EVENT ORGANIZED REPORT – 2020-2021

| | |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of the program | 30-07-2020 |
| Title of the Program | Webinar on "Basic Science in Zero Gravity" |
| Venue | Online platform ZOOM |
| Forum | Chemistry |
| Convenor | Dr. Narendra N |
| Chairman | Dr. Shalini B. R. Principal, University College of Science |
| Dept. Coordinator | Dr. G. R. Vijayakumar |
| Resource person | Dr. Vijaya Kumar M S, Dept. of Chemistry, Mysore, University, Mysore. |
| No. of students | 100 |
| Program details | Dr. Vijay Kumar of Department of Chemistry Mysore University presented visually attractive lecture on doing experiments related to the basic science research in Zero Gravity condition. For this he outlined the available facility worldwide to experience Zero Gravity for a short duration of time and a window this opens for quickly conducting critical experiments to answer some important science questions. He demonstrated how his own work under gravity conditions has yielded different results as compared to the conventional chemistry |

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Topic: Lecture 2 of the Webinar Series organized by DOSR in Chemistry, UCST, Tumkur University; Speaker: Dr. Vijaya Kumar M S; Topic: Basic Science in Zero Gravity
Time: Jul 30, 2020 10:45 AM India

Join Zoom Meeting

[https://us04web.zoom.us/j/2104209525?](https://us04web.zoom.us/j/2104209525?pwd=bXFWYkc0MVFwNkozNDhSNzVXUDE3QT09)

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Meeting ID: 210 420 9525

Passcode: 1s7exj

21:45



G. Vijayakumar
Coordinator
DOSR in Chemistry
University College of Science
Tumkur University, Tumakuru

Shalini B. R.
PRINCIPAL
University College of Science
TUMKUR - 572103

Webinar Series
Department of Studies and Research in Chemistry
University College of Science, Tumkur University

"Innovation from the Faculty and the Students of DOSR in Chemistry"

Lecture No. 2 of the Series

30 July 2020, 11:00 AM on Zoom (Cloud Meeting)

Delivered

by

Dr. Vijaya Kumar M S

Department of Chemistry, University of Mysore

Or

Basic Science in Zero-Gravity

Dr. Vijaykumar G R
Coordinator, DOSR in Chemistry, UCST

Dr. Narendra N
Program Convenor



EVENT ORGANIZED REPORT – 2020-2021

| | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of the program | 03-08-2020 |
| Title of the Program | Webinar on "Mending Peptides the Chemical Way" |
| Venue | Online platform ZOOM |
| Forum | Chemistry |
| Convenor | Dr. Narendra N |
| Chairman | Dr. Shalini B. R. Principal, University College of Science. |
| Dept. Coordinator | Dr. G. R. Vijayakumar |
| Resource person | Prof. V V Suresh babu, Chairman, Bangalore University, Jnana Bharathi Campus. banglaore |
| No. of students | 100 |
| Program details | Prof.VV Suresh Babu from the Department of Chemistry Bangalore University spoke on his group's decades long work on developing new tools for chemical modification of peptides and synthesizing new class of peptide mimics. He detailed the advantages of chemically modified peptides in different areas and the challenges to access such compounds. The Chemical synthesis, as put forward by him, is the most reliable and probably the only way to obtain such molecules and demonstrate the utilities. He also outlined different types of important modifications such as backbone modifications, side chain modifications and conjugation to other classes of natural or synthetic compounds. |

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Narendra N is inviting you to a scheduled Zoom meeting.

Topic: Lecture 3 of the Webinar Series organized by DOSR in Chemistry, UCST, Tumkur University; Speaker: Prof. V. V. Sureshbabu; Topic: Mending Peptides the Chemical Way
Time: Aug 3, 2020 10:45 AM India

Join Zoom Meeting

[https://us04web.zoom.us/j/2104209525?](https://us04web.zoom.us/j/2104209525?pwd=bXFWYkc0MVFwNkozNDhSNzVXUDE3QT09)

[pwd=bXFWYkc0MVFwNkozNDhSNzVXUDE3QT09](https://us04web.zoom.us/j/2104209525?pwd=bXFWYkc0MVFwNkozNDhSNzVXUDE3QT09)

Meeting ID: 210 420 9525

Passcode: 1s7exj

21:45



(Signature)
Coordinator
DOSR in Chemistry
University College of Science
Tumkur University, Tumakuru

(Signature)
PRINCIPAL
University College of Science,
TUMKUR - 572103

Webinar Series

Department of Studies and Research in Chemistry
University College of Science, Tumkur University, Tumkur



"Invitation from the Faculty and the Students of DOSR in Chemistry"

Lecture No. 3 of the Series

03 August 2020 Monday, 11.00 AM on Zoom Cloud Meeting

Delivered

by

Prof. V. V. Sureshbabu

Department of Chemistry, Bangalore University

On

Mending Peptides the Chemical Way

Dr. Vijaykumar G R

Coordinator, DOSR in Chemistry, UCST

Dr. Narendra N

Program Convenor

EVENT ORGANIZED REPORT – 2020-2021

| | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of the program | 13-08-2020 |
| Title of the Program | Webinar on "Open Access and Open Educational Resources in Chemistry" |
| Venue | Online platform ZOOM |
| Forum | Chemistry |
| Convenor | Dr. Narendra N |
| Chairman | Dr. Shalini B. R. Principal, University College of Science. |
| Dept. Coordinator | Dr. G. R. Vijayakumar |
| Resource person | Dr. Rupesh Kumar, Asst. Professor, Dept of Library and information Science, Tumkur University, Tumakuru. |
| No. of students | 100 |
| Program details | Dr Rupesh Kumar of Department of library and information science Tumkur University presented a talk on the usefulness of the open access facility on the internet as well as the open learning resources in the background of remote and digital learning particularly by the students of Higher Education. He brought to the notice of the students that the internet has a number of good quality open learning resource in all subject and he presented few examples from chemistry. The examples included websites like Chemlibre text, master organic chemistry and so on. The open access resource includes free to access repositories of books and channels and open access journals. He also outlined the steps to access such resource and the precautions the learner should exercise while using such resources. |

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Narendra N is inviting you to a scheduled Zoom meeting.

Topic: Lecture 4 of the Webinar Series organized by DOSR in Chemistry, UCST, Tumkur University. Speaker: Rupesh Kumar A;
Topic: Open Access and Open Educational Resources in Chemistry
Time: Aug 13, 2020 10:30 AM India

Join Zoom Meeting

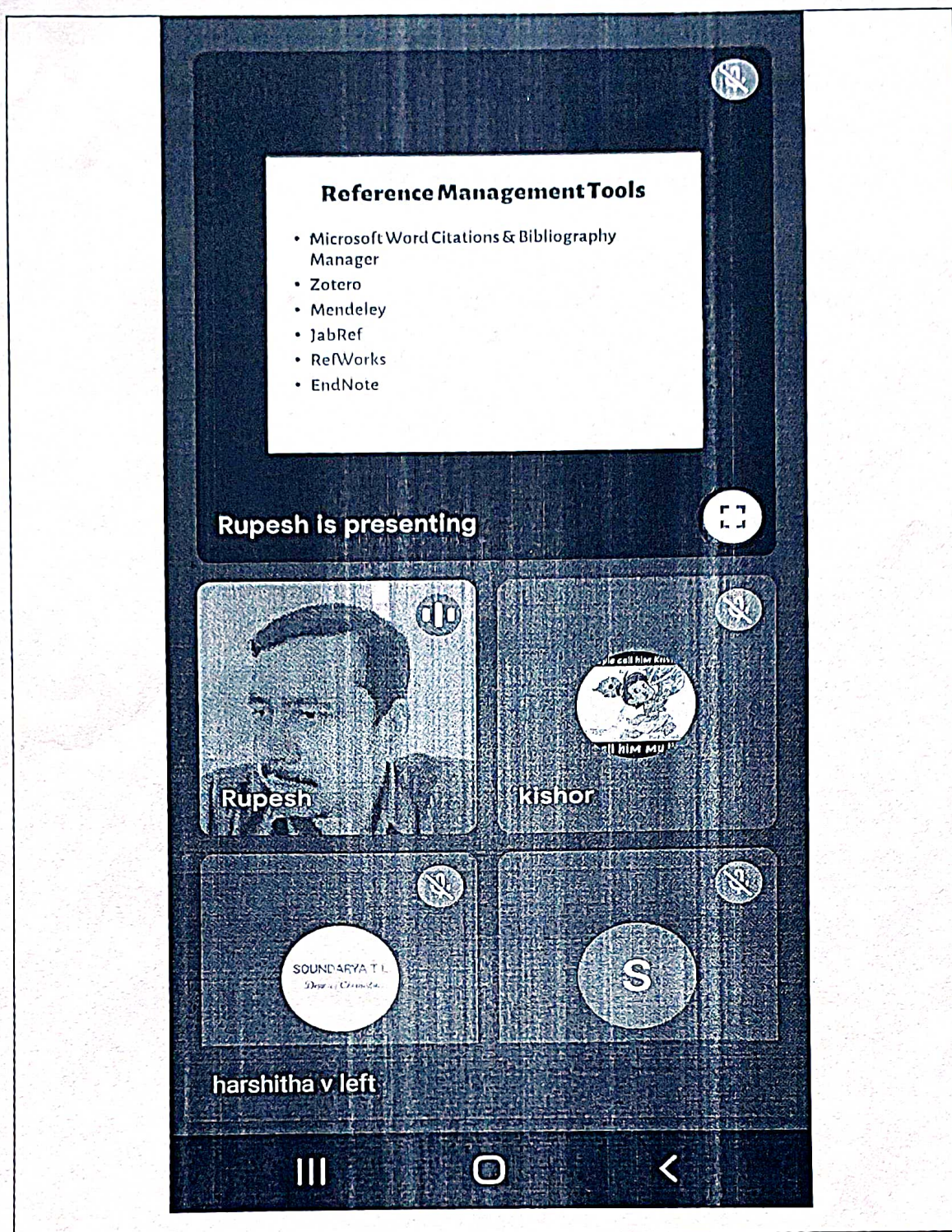
<https://us04web.zoom.us/j/77130574819?pwd=R2tPcUJaWDRuU3JWV2FYMVlyRVYydz09>

Meeting ID: 771 3057 4819

Passcode: K1Q1Jq

G. R. Vijayakumar
Coordinator
DOSR in Chemistry
University College of Science
Tumkur University, Tumakuru

21:45 ↓
Shalini B. R.
PRINCIPAL
University College of Science
TUMKUR - 572103



Harshitha
Coordinator
Coordinator
DOSR in Chemistry
University College of Science
Tumkur University, Tumakuru

bb
Principal
PRINCIPAL
University College of Science
TUMKUR - 572103

Webinar Series

**Department of Studies and Research in Chemistry
University College of Science, Tumkur University, Tumkur**



"Invitation from the Faculty and the Students of DOSR in Chemistry"

Lecture No. 4 of the Series

13 August 2020 Thursday, 11.00 AM on Zoom Cloud Meeting

Delivered by

Rupesh Kumar A

***Department of Library and Information Science
Tumkur University***

On

Open Access and Open Educational Resources in Chemistry

Dr. Vijaykumar G R

Coordinator, DOSR in Chemistry, UCST

Dr. Narendra N

Program Convenor