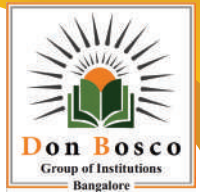




WAYANAMAC EDUCATION TRUST(R)

# DON BOSCO INSTITUTE OF TECHNOLOGY



Approved by  
AICTE  
New Delhi



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[CSE, ECE, ME, ISE, EEE]



Accredited by  
NAAC  
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VTU  
Belagavi



Recognised by the  
Government of  
Karnataka



*One Week*

**“ FACULTY DEVELOPMENT PROGRAMME ”**

*on*

**“ MATERIALS AND MEDICINAL  
CHEMISTRY -2020 ( MMC) ”**

**August 10 - 15th 2020**

*Organized by*

*Department of Chemistry*

*In Association with*



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**

**CHIEF PATRON**

**Sri. B Bylappa**

President, WET, Bangalore

**Dr. Karisiddappa**

Honourable Vice Chancellor, VTU

**PATRONS**

**Sri. B Manjunath**

Vice President, WET

**Dr. A S Deshpande**

Registrar, VTU

**Sri. Raghav Bylappa**

Secretary, WET

**Dr. Satish Annigeri**

Registrar (Evaluation)

**ORGANIZING CHAIRS**

**Dr. Manjunatha A S**

Convener, Dept. of Chemistry,  
DBIT

**Dr. Nataraj K R**

Dean & Director, R&D, DBIT

**Dr. Hemadri Naidu T**

Principal, DBIT

**DON BOSCO INSTITUTE OF TECHNOLOGY**

Mysore road, Kumbalagodu, Bengaluru – 074

## **ABOUT THE VTU**

Visvesvaraya Technological University (VTU) named after Bharat Ratna Dr. Sir M. Visvesvaraya established on 1st April 1998, as per the VTU Act 1994 of the Government of Karnataka. University has been established by the Government of Karnataka in order to promote planned and sustainable development of technical education. VTU has its Head Office located in Belagavi in the state of Karnataka. Reckoning the fact that, University is a seat of confluence of knowledge and as a technological University, Visvesvaraya Technological University does not restrict itself only to curricular activities but emphasizes on the overall growth of knowledge in society and hence its campus in Belagavi is named aptly as "Jnana Sangama". The University has jurisdiction over the whole state of Karnataka. For administrative convenience University has four Regional Offices established at Bengaluru, Mysuru, Kalaburagi and Belagavi.

## **ABOUT DBIT**

Don Bosco Institute of Technology (DBIT) as a part of wayanamac education trust was established in 2001, approved by AICTE and Accredited by NBA. The institution aims to provide quality technical and managerial education. It is among the top engineering colleges in Bangalore situated on a sprawling 36 acres campus in the sylvan South West Suburb of the City, on the Bangalore-Mysore National Highway. The institution focuses on the quest for excellence through quality and value based education system DBIT offers undergraduate B.E. programs in the fields of Artificial Intelligence and machine learning, Computer Science and Engineering, Electrical and electronics engineering, Electronics and Communications Engineering, Information Science and Engineering, Mechanical Engineering, and Civil Engineering, besides the Masters in Business Administration. All the courses are affiliated to Visvesvaraya Technological University (VTU), Belagavi. The Five Departments are accredited by the National Board of Accreditation, New Delhi

## **ABOUT DEPARTMENT OF CHEMISTRY**

The Department of Chemistry was established in the year 2001 and has been devoted to teaching and advanced research in Chemistry. The department has distinguished itself as a Centre for innovative and pioneering teaching and research in different fields of Chemistry. It was elevated to the status of VTU Research Centre in 2011 in recognition of its achievements in various fields and received sponsored projects from VTU Research Grant, KSCST and VGST. The major research efforts are focused on areas such as catalysis, reaction kinetics, corrosion, polymers, nanomaterials, and electrochemistry. To ignite the quest for chemistry and its versatile applications in the young minds of future engineers the department organizes various activities such as guest lectures, quiz, workshops, conferences, and seminars. To kindle the interest and encourage the prospective researchers in the fields of material science the department successfully organized two days national seminar on "Recent Advances in Material Science" – 2011- and two-days National Conference on "Frontiers and Challenges in Chemistry" - 2013. Also, the department of Chemistry organizes an International Conference on Innovations and Challenges in Science and Technology every year. The faculty members in the department are actively betrothed to Teaching as well as in Research. Chemistry Research Centre has been Completed three major research projects from different funding agencies. More than

60 research papers have been published in peer reviewed National and International journals. The department has established a Biodiesel Production Unit in 2018. Also we have initiated the development of a Simarouba Park for the utilisation of oil yielding trees.

## **ABOUT FDP**

- \* The proposed FDP aims to help students, research scholars, academicians and industrialists to modernize with the materials and medicinal chemistry.
- \* To enable the participants to motivate and exposure to Quality Research
- \* To provide the process and methodology of Quality Research
- \* Experts from reputed research Institutions and Universities working on different aspects of chemistry deliver lectures on 'Material and Medicinal Chemistry'
- \* It also aims to discuss the solutions adopted for the encountered practical challenges in the present scenario.

## **Highlights of the topic to covered:**

- \* Medicinal chemistry
- \* Membrane technology
- \* Nano materials
- \* Drug - protein interaction
- \* Energy materials
- \* Advanced materials in industry
- \* Liquid crystals
- \* Plasmonic photo catalytic materials
- \* Polymer nano composite materials

## **Participants:**

- \* Students and Research Scholars
- \* Academicians
- \* Industrialists

## **Registration fee: FREE**

Registration link:

<https://forms.gle/RPggPgb6kvZ2Arm27>

Prior registration is mandatory. FDP sessions details will be sent to registered participants via whatsapp group.



link :

<https://chat.whatsapp.com/KeaFobftlCs3Bfe9mZjq2l>

E-Certificate for the participants will be provided once if they filled the feedback form of the last session. Feedback link will be provided in the chat box of the each and every session.

## **CO-ORDINATORS**

**Dr. J P SHUBHA**

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## Our Eminent Speakers



**Dr. Rangappa K S**

Chief Scientific Advisor,  
Sinotar Pharmaceutical Co., Ltd., Schenzen, China  
Former Vice Chancellor, University of Mysore



**Dr. Arun M Isloor**

Professor & Head  
Department of Chemistry  
National Institute of Technology (NITK)



**Dr. S. T. Nandibewoor**

Daimond Jubilee Professor for Life  
Department of Chemistry,  
Karnatak University, Dharwad



**Dr. Basappa S**

Chairman  
Department of Studies in Organic Chemistry,  
University of Mysore



**Dr. Siddaramaiah**

Dean & Professor  
Department of Polymer Science & Technology,  
SJCE, Mysuru



**Dr. Shanker G**

UGC - Assistant Professor  
Department of Chemistry,  
Bangalore University



**Dr. G. Nagaraju**

Assistant Professor  
Dept. of Chemistry  
Siddaganga Institute of Technology



**Dr. Sivakumar P**

Assistant Professor,  
Department of Chemistry  
Arignar Anna Government Arts College



**Dr. S. Girish Kumar**

Assistant Professor, Dept of Chemistry,  
School of Engineering & Technology,  
CMR University, Bangalore



**Dr. Prasanna D Shivaramu**

Assistant Professor  
Department of Nanotechnology  
VTU, Center for Postgraduate Studies



**Dr. Shetty Ravindra Rama**

Lead Scientist,  
Hollingsworth & Vose (H&V)  
Advanced Materials, Mysuru



**One Week FDP****on "Materials and Medicinal Chemistry-2020 (MMC)"****FDP session details**

<b>Sl. No</b>	<b>Date and Time of the Event</b>	<b>Name of the Resource person and Designation</b>
<b>1</b>	<b>10-08-2020 Time: 10.30 AM Inauguration &amp; Keynote Address</b>	<b>Dr. Rangappa K S</b> Ph. D., D.Sc., FRSc., FNAASc Honorable Immediate Past General President, Indian Science Congress Association. Chief Scientific Advisor, Sinotar Pharmaceutical Co., Ltd., Schenzen, China. Former Vice Chancellor, University of Mysore, Mysore, India
<b>2</b>	<b>10-08-2020 Time: 2.00 PM</b>	<b>Dr. Arun M Isloor</b> (Sir C.V. Raman Young Scientist Awardee & Technion Fellow) Professor & Head Department of Chemistry National Institute of Technology (NITK), Surathkal, Mangalore 575 025, Karnataka, India
<b>3</b>	<b>11-08-2020 Time: 10.30 AM</b>	<b>Dr. Sivakumar P</b> Assistant Professor, Department of Chemistry Arignar Anna Government Arts College, Namakkal – Dt. Tamilnadu
<b>4</b>	<b>11-08-2020 Time: 2.00 PM</b>	<b>Dr. Basappa S</b> Chairman Department of Studies in Organic Chemistry, University of Mysore, Manasagangotri, Mysore-570006, Karnataka, INDIA
<b>5</b>	<b>12-08-2020 Time: 10.30 AM</b>	<b>Dr. S. T. Nandibewoor</b> Diamond Jubilee Professor for Life Department of Chemistry, Karnatak University, Dharwad
<b>6</b>	<b>12-08-2020 Time: 2.00 PM</b>	<b>Dr. Shanker G</b> UGC - Assistant Professor Department of Chemistry, Bangalore University Jnana Bharathi Campus, Bangalore 560056
<b>7</b>	<b>13-08-2020 Time: 10.30 AM</b>	<b>Dr. Shetty Ravindra Rama</b> Lead Scientist, Hollingsworth & Vose (H&V) Advanced Materials, Mysuru

**One Week FDP****on "Materials and Medicinal Chemistry-2020 (MMC)"****FDP session details**

<b>Sl. No</b>	<b>Date and Time of the Event</b>	<b>Name of the Resource person and Designation</b>
<b>8</b>	<b>13-08-2020 Time: 2.00 PM</b>	<b>Dr. G. Nagaraju</b> Assistant Professor Dept. of Chemistry Siddaganga Institute of Technology SIT, Tumkur – 572103
<b>9</b>	<b>14-08-2020 Time: 10.30 AM</b>	<b>Dr. S. Girish Kumar,</b> Member in Royal Society of Chemistry (MRSC), UK. Assistant Professor, Department of Chemistry, School of Engineering & Technology, CMR University, Bangalore-562149.
<b>10</b>	<b>14-08-2020 Time: 2.00 PM</b>	<b>Dr. Prasanna D Shivaramu</b> Assistant Professor Department of Nanotechnology Visvesvaraya Technological University Center for Postgraduate Studies, Bengaluru, Muddenahalli, Chikkaballapur - 562 101 India.
<b>11</b>	<b>15-08-2020 Time: 10.30 AM Invited talk &amp; Valedictory</b>	<b>Dr. Siddaramaiah</b> Dean & Professor Department of Polymer Science and Technology, SJCE, Mysuru – 570 006.