

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057 An ISO 90001:2015 and 14001:2015 Certified Institution

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Department of Biotechnology

Index Sheet-Monthly event conducted May 2021

Sl. No.	Name of the Event	Programme type	Date of conducted	Event specification
1	Precision Nanomedicine in Brain disorders	Webinar	06-05-2021	Webinar
2	Environmental Monitoring and Impact Assessment	Alumni Talk	18-05-2021	Alumni Talk





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Forum activity March 2021

Type of event/activity	Webinar						
Name/Title of the Activity/Event	Precision Nanomedicine in Brain disorders						
Date of Organization	06 May 2021						
Venue (with address)	Department of Biotechnology (SCE)						
Organized by	Department of Biotechnology Convener: Dr. J S S Allwin Ebinesar Faculty Co ordinators: Dr. Chethana K R and Ms. Ramya D L Student Co-Ordinators: Varsha K and Santhosh Kumar G.						
Objectives of the event/activity	 About Precision/ Personalized, Individual medicine. Neurological disorders, biological disorders and motivations. Non minimally invasive approaches in drug delivery. 						
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	Yes (106 participants)						
Mention organized /participated/attended	Organized						

Event Description:

The Department of Biotechnology conducted a webinar for Students under the banner of The Institution of Engineers (India) Student chapter and Shrishti BT forum on 06 th May -2021 at 10:00 am to 11 am. The main aim of arranging invited talks to endeavor and initiate the students to know about the importance of research and current trends in the science. This invited talk is given by the Eminent Person Dr. Murali Kumaraswamy, Principal, Kamaraj College of Pharmacy, Chidambaram.

In 2015 he obtained Doctorate in Theoretical medicine from Doctoral School of Semmelweis University, Budapest, Hungary. After his PhD he spent few months at the Magneto-Optical Spectroscopy laboratory, Budapest University of Technology and Economics, working on the "Magneto-optical diagnosis of malaria" he then moved back to India and then he spent at the Centre of Nanotechnology, Indian Institute of Technology Roorkee. In January 2017, he joined in Technion-Israel Institute of Technology. He holds



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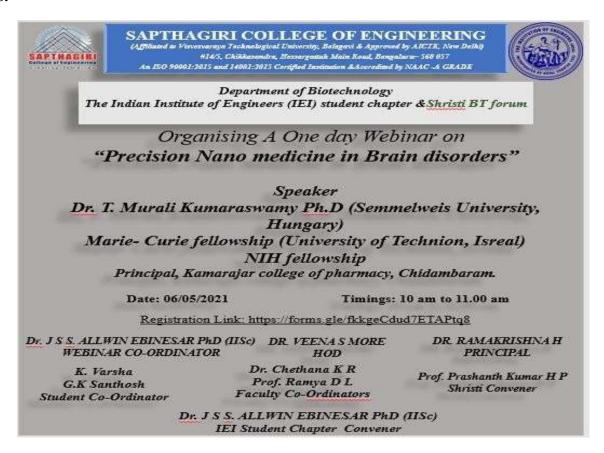
Forum activity March 2021

several prestigious fellowships including Marie Curie and National Institute of Health (NIH), working in multidisciplinary aspects and he has gained valuable experience in testing biological responses to nanoparticles and nanomaterials. He is an author of over 30 publications, an inventor of patent/patent applications. In November 2019 he moved to the International Iberian Nanotechnology Laboratory located in Portugal to establish his senior Researcher position.

In this webinar, Professor discussed about the about the topics on Precision/ Personalized, Individual medicine, Neurological disorders, biological disorders and motivations and non-minimally invasive approaches in drug delivery.

In this webinar 106 students were participated and the webinar was successfully coordinated by Dr. Chethana K R, Ramya D L and the Student Co-ordinator Varsha K and Santhosh Kumar G.

Images:







AY: 2020-2021

SAPTHAGIRI COLLEGE OF ENGINEERING

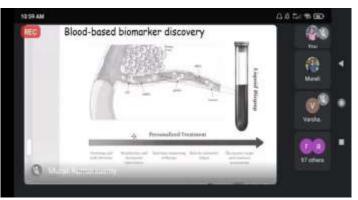
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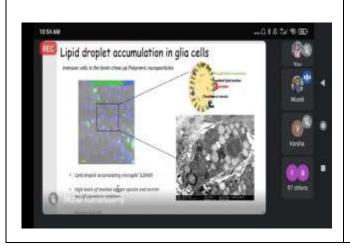
Forum activity March 2021





Dr. Murali Kumaraswamy, Principal, Kamaraj College of Pharmacy, Chidambaram

Images of presentation in the webinar









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Forum activity March 2021

Note: At the end map PO's (with 3/2/1):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3	3	2	3		2	1	3	2		1	2

Faculty Co ordinators:

Dr. J S S Allwin Ebinesar

Dr. Chethana K R

Prof. Ramya D L

Date of Submission: 17/06/2021 Signature of the HOD





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Forum activity March 2021

*Type of event/activity	Alumni Talk					
	Alumin Taik					
Name/Title of the Activity/Event	Environmental Monitoring and Impact Assessment					
Date of Organization	18 th May 2021					
Venue (with address)	Department of Biotechnology (SCE)					
	Department of Biotechnology					
Organized by	Coordinator: Dr Soumya C					
Objectives of the event/activity	 Awareness of the environment Pollution Environmental Monitoring Impact assessment using various methods Institutional frame work Legislative frame work 					
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	70 participants					
Mention organized /participated/attended	Organized					

Event Description:

The Department of Biotechnology & Department of Biotechnology organized alumni talk. Competition for Students under the banner of The Institution of Engineers (India) Student chapter on 18-May -2021 at 02:00 pm.

The objective of this Alumni talk is to allow, educate and to encourage the students regarding that: environmental monitoring a observation study of environment and use of tools to assess the environmental conditions.





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Forum activity March 2021

Awareness about air and water quality standards

Alumni talk a webinar was conducted by sending out designed brochure to all the students and interested students participated. Students enthusiastically participated in the Alumni talk.

Images:







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Forum activity March 2021





Alumni Talk Photos

Note:(i) After every event, please take feedback (online/offline).

(ii) At the end map PO's (with 3/2/1):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3	2	2	1	3	-	2	2	2	3	1	2

Signature of Co-ordinators

Dr Soumya C

Date of Submission:17/06/2021 Signature of the HOD





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Department of Biotechnology

Index Sheet-Monthly event conducted June 2021

Sl. No.	Name of the Event	Programme type	Date of conducted	Event specification
110.		type	conducted	
1	Drug Discovery and	Alumni Talk	01-06-2021	Speaker: Mr. Gagan S
	Development: Industry Insight			Senior Bioprocess
	from manufacturing to			Specialist Pall
	commercialization			corporation, Bengaluru
2	Nanoparticles and Sustainable	Webinar	04-06-2021	Speaker: Dr. RajMohan B
	Green Technologies			Professor, Department of
				Chemical Engineering,
				NITK. Surathkal
3	Mastering and Implementing	Webinar	08-06-2021	Speaker: Mr.Sunil
	Information Technology for			Kumar, Director &
	Advancement in			Solution architect in
	Biotechnology			Technology
				Udbhava technologies
				Pvt Ltd
				Marenahalli. Bengaluru
4	Drug Discovery and	Alumni Talk	11-06-2021	Speaker: Mr.
	Development: Industry			Subhashish Panigrahi
	Insight from manufacturing			Director of Law for all
	to commercialization			Ashoka.org
				(International NGO)
				Domlur, Bengaluru





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Forum activity June 2021

*Type of event/activity	Alumni Talk					
Name/Title of the Activity/Event	Drug Discovery and Development: Industry Insight from manufacturing to commercialization					
Date of Organization	1st June 2021 Tuesday 2.00 PM – 3.00 PM					
Venue (with address)	Department of Biotechnology (SCE)					
	Department of Biotechnology					
Organized by	Coordinators: Dr Soumya C Prof.Prashanth Kumar H P					
Objectives of the event/activity	 Drug development stratergies Manufacturing Clinical trials Commercialization 					
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	74 Participants					
Mention organized /participated/attended	Organized					

Event Description:

The Department of Biotechnology & Department of Biotechnology organized alumni talk Competition for Students under the banner of The Institution of Engineers (India) Student chapter on 1-June -2021 at 02:00 pm.

• The objective of this Alumni talk is to allow, educate and to encourage the students regarding that drug discovery and Drug development Process, Manufacturing, Clinical trials and Commercialization



AY: 2020-2021

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Department of Biotechnology

Forum activity June 2021

• A Alumni talk was conducted by sending out designed brochure to all the students and interested students participated. Students enthusiastically participated in the Alumni talk.

Images:



Sri Srinivasa Educational & Charitable Trust

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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

DEPARTMENT OF BIOTECHNOLOGY

The Institute of Engineers (India) Student Chapter & Shristi BT Forum

Alumni Talk

Drug Discovery and Development: Industry Insight from Manufacturing to Commercialization



Ву

Mr. GAGAN S Senior Bioprocess Specialist PALL corporation, Bengaluru

1st June 2021 Tuesday 2.00 PM - 3.00 PM Online Mode

Dr.Soumya C
Prof. Prashanth Kumar H P
Coordinators

Dr. Veena S More HOD,BT Dr.H Ramakrishna Principal



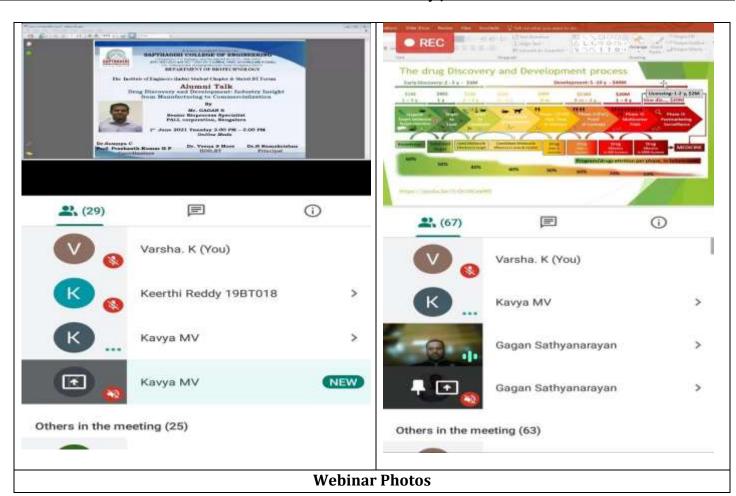


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Forum activity June 2021



Note:

(ii)At the end map PO's (with 3/2/1):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3	2	2	1	2	-	-	2	2	2	-	2





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Forum activity June 2021

Date of Submission: 02-07-2021 Signature of the HOD





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Forum activity March 2021

Type of event/activity	Webinar					
Name/Title of the Activity/Event	Nanoparticles and Sustainable Green Technologies					
Date of Organization	04/06/2021					
Venue (with address)	Department of Biotechnology (SCE)					
Organized by	Department of Biotechnology Convener: Dr. J S S Allwin Ebinesar Faculty Co ordinators: Dr. Chethana K R and Ms. Ramya D L Student Co-Ordinators: Varsha K and Santhosh Kumar G.					
Objectives of the event/activity	 Scenario of Sustainable technologies in India. Synthesis and applications of Nanoparticles to overcome the environmental issues. 					
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	• 86 participants					
Mention organized /participated/attended	Organized					

Event Description:

The Department of Biotechnology conducted a webinar for Students under the banner of The Institution of Engineers (India) Student chapter and Shrishti BT forum on 04 th June -2021 at 10:00 am to 11 am. The main aim of arranging invited talks to endeavor and initiate the students to know about the importance of research and current trends in the science. This invited talk is given by the Eminent Person Dr. RajMohan B, Professor in the department of Chemical Engineering from NIT, Surathkal. Professor has 21 years of experiences of Teaching and Research domain and he published



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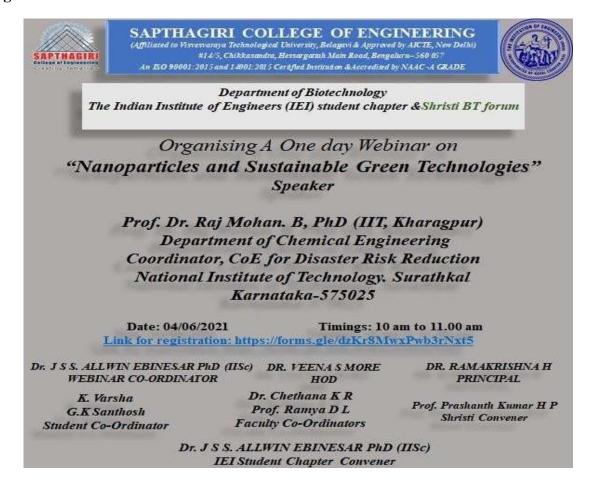
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Department of Biotechnology

Forum activity March 2021

several international, national journals and Book Chapter. In addition to that, He has several projects funded by government funding agencies such as DST, DRDO, VGST and DBT. Additionally, Professor is the Co Ordinator, CoE of Disaster management for the Mangalore division. In this webinar Professor discussed about the various sources of environmental pollution and what are all the various rules and regulations implemented by the Government of India to reduce the impact of Pollution created by commercial and industrial domain. In addition, Professor explained about the importance of nano particles and synthesis method, application of nanoparticles to control the pollution effect in the environment. In this webinar 86 students were participated and the webinar was successfully coordinated by Dr. Chethana K R and Ramya D L and the Student Co-Ordinator Varsha K and Santhosh Kumar G.

Images:







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Forum activity March 2021



About this call

Amouthe GR
Amouthe Gowde
Anolys SM TSGT98TOOS
Angels R
Ang

Dr. RajMohan B Professor, Department of Chemical Engineering, NITK.

Images of Students Participated in the Webinar

Note: At the end map PO's (with 3/2/1):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3	3	2	3		2	1	3	2		1	2

Faculty Co ordinators:

Dr. J S S Allwin Ebinesar

Dr. Chethana K R

Prof. Ramya D L

Date of Submission: 02-07-2021 Signature of the HOD





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Forum activity June 2021

*Type of event/activity	Webinar					
Name/Title of the Activity/Event	Mastering and Implementing Information Technology for Advancement in Biotechnology					
Date of Organization	8th June 2021 Tuesday 2.00 PM – 3.30 PM					
Venue (with address)	Department of Biotechnology (SCE)					
Organized by	Department of Biotechnology Coordinators: Dr Soumya C Prof.Prashanth Kumar H P					
Objectives of the event/activity	 Information technology in Biotechnology Python usage in database Machine learning tools for personalized medicines Maintenance of Patient data Advancement in information technology 					
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	75 Participants					
Mention organized /participated/attended	Organized					

Event Description:

The Department of Biotechnology & Department of Biotechnology organized alumni talk Competition for Students under the banner of The Institution of Engineers (India) Student chapter on 8-June -2021 at 02:00 pm.

- The objective of this Alumni talk is to allow, educate and to encourage the students regarding that: Information technology in Biotechnology, Python usage in database
- Machine learning tools for personalized medicines





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A webinar was conducted by sending out designed brochure to all the students and interested students participated. Students enthusiastically participated in the Webinar.

Images:







AY: 2020-2021

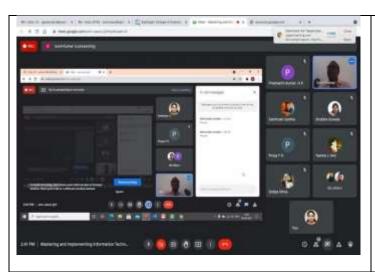
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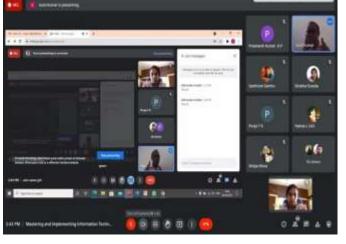
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Webinar Photos

Note:

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PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3	2	2	1	3	-	2	1	-	3	1	2

Signature of Co-ordinators

Dr Soumya C

Date of Submission: 02-07-2021 Signature of the HOD





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