

Title of the capacity development/skill enhancement programme	NATIONAL WOKSHOP ON SOPHISTICATED INSTRUMENTS USAGE
Date and duration	April 04 – 09, 2022 and 6 days
Name of the department/chair/centre	DST - PURSE
Objectives of the programme	To create awareness about the sophisticated analyses facility available in DST – PURSE of Mangalore University campus among the potential users from research and industry in the national level.
Brief report of the programme (200 words) along with Geo-tagged Photographs/Photographs with date and caption and outcome of the programme	Workshop was organized at Mangalore University campus, Mangalagangothri by DST – PURSE Instrumentation Centre from 4 th to 9 th of April, 2022. More than 50 researchers across the states participated in the workshop. Senior scientists from various institutions and application specialists of different instruments delivered plenary lectures and provided technical training to the delegates.
Name of the agencies/consultants involved with contact details (if any)	JEOL INDIA Pvt. Ltd., Bangalore. Spinco Biotech Pvt Ltd., Bangalore. Carl Ziess India (Bangalore) Pvt. Ltd., Bangalore. Water (India) Pvt. Ltd., Bangalore. Toshvin Analytical Pvt. Ltd., Bangalore
Number of students participating in this capacity development/skill enhancement programme	50



S. S. Kohli
Scientist 'G'/ Head
R&D Infra. Division
Email: sskohli@nic.in

भारत सरकार

विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलॉजी भवन, नया महरौली मार्ग
नई दिल्ली-110 016

GOVERNMENT OF INDIA

MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD
NEW DELHI-110 016

D.O. No. DST/STUTI/2021

Dated 17th February 2022..

Subject: Organization of Awareness & Training Programs under the STUTI 2021 Program

Dear Sir/ Madam,

As part of the year-long 'Azadi ka Amrit Mahotsav (AKAM) celebrations, a 'Science Week' is planned during 22nd to 28th February 2022 by the Government of India. The DST as part of the celebrations is organizing Awareness Programs under the 'Synergistic Training program Utilizing scientific and Technological Infrastructure (STUTI)' program of the R&D Infrastructure Division. The STUTI program envisions hands-on-training and sensitization of the state-of-the-art equipment as well as towards sharing while ensuring transparent access of S&T facilities.

The Awareness program (22nd-28th February 2022) encompasses science popularization among school students (Science Stream) by means of short training on R&D equipment and popular science events. The training program (year round) under STUTI targets Scientists/ researchers actively involved in research for a hands-on training program on the state-of-the-art equipment for one-week duration.

In this connection, we request you to ensure that the above said programs are celebrated with full fervour, by keeping the FIST/ PURSE/ CURIE/ SAIF/ SATHI facility at your institute open and welcoming for organizing the programs under STUTI program by any of the Project Management Units (PMUs) identified by the DST.

With best regards


(S. S. Kohli)

To,
All FIST/ PURSE/ CURIE/ SAIF/ SATHI centres

Chief Patron:**Prof. P. Subrahmanya Yadapadithaya**

Hon'ble Vice Chancellor, MU

Patron:**Prof. Kishore Kumar C.K.**

Registrar, MU

Advisory Committee:**Prof. P.L. Dharma**

Registrar (Evaluation), MU

Prof. Y. Muni Raju

Finance Officer (i/c), MU

Prof. Manjunatha Pattabi

Dean - Faculty of Science, Director - IQAC

and Chairman - Dept., of Materials Science, MU

Prof. Monika Sadananda

Chairperson, Dept., of Biosciences, MU

Prof. A.M. Khan

Chairman, Dept., of Electronics, MU

Prof. Ganesh Sanjeev

Chairman, Dept., of Physics, MU

Prof. K.S. Sreepada

Chairman, Dept., of Applied Zoology, MU

Prof. Krishnakumar G.

Chairman, Dept., of Applied Botany, MU

Prof. Jagadeesh Prasad D.

Chairman, Dept., of Chemistry, MU

Dr. Ramesh S. Gani

Chairman, Dept., of Industrial Chemistry, MU

Dr. Chandrashekhara Joshi

Chairperson, Dept., of Biochemistry, MU

Prof. K.S. Jayappa

Chairperson, Dept., of Marine Geology, MU

Prof. K. Bhasker Shenoy

Former Coordinator, DST-PURSE,

Dept., of Applied Zoology, MU

Prof. N. Karunakara

Head, USIC/CARRT/CARER, MU

About Mangalore University:

Mangalore University (MU) was established in 1980. The main campus called as, 'Mangalagangotri' is located about 20 km to the south east of the port city of Mangaluru. MU aims at excellence in teaching, learning and research and to contribute towards building a socially-sensitive humane inclusive society.

MU has grown impressively since its inception. Excellent research performance of MU is recognized by the award of PURSE grant by the Department of Science and Technology (DST) in 2 phases. Ministry of Human Resource Development (MHRD) has identified MU as one of the beneficiaries of Rashtriya Uchchatar Shiksha Abhiyan (RUSA) Grant. In addition, MU has also been able to establish several research centres viz., Microtron Centre, CARRT, CARER, OASTC etc. in collaboration with various government agencies.

About the DST-PURSE Instrumentation Centre:

Recognized as one of the top research performers of the country with excellent publication/citation metrics, Mangalore University has received the first grant in the year 2012 to establish central instrumentation centre under the scheme of PURSE Instrumentation Centre from DST, Govt., of India. It houses high-end equipments such as FESEM/ EDAX, single crystal XRD, UV-visible spectrophotometer, Liquid Chromatograph Mass Spectrometer, Gas Chromatograph Mass Spectrometer, DSC/ TGA, Confocal microscope, Amino acid analyser and so on. The facilities are accessible to interested researchers at subsidized rates.

About the MHRD-RUSA NMR Instrument Centre:

Nuclear Magnetic Resonance (NMR) spectroscopic facility was established in the year 2019 under the RUSA Scheme from the MHRD, Government of India.

The lab has JEOL 400 MHz instrument, which provides 1D and 2D NMR experiments.

About the Workshop:

To create awareness about the sophisticated analyses facility available in the DST-PURSE and NMR labs of MU

*(contd., in reverse side)***NATIONAL LEVEL WORKSHOP ON
SOPHISTICATED INSTRUMENTS
USAGE**Rashtriya
Uchchatar
Shiksha
Abhiyan**April 04 - 09, 2022**

**DST - Promotion of University Research
and Scientific Excellence (PURSE)
Instrumentation Centre and
MHRD-RUSA NMR Instrument Centre
MANGALORE UNIVERSITY**

KARNATAKA, INDIA.

Mangalagangotri - 574 199, DK, Karnataka – INDIA
Web: < <https://mangaloreuniversity.ac.in/> >
E-mail: < mupurseevents@gmail.com >

PROGRAMME COMMITTEE:

Convener:

Prof. B. Vishalakshi

Coordinator, DST-PURSE Instrumentation Centre, MU

Co-convenor:

Prof. Boja Poojary

Deputy Coordinator, DST-PURSE Instrumentation Centre and NMR Lab in-charge, MU

Members:

Dr. Murari M.S., Scientific Officer - II

Mr. Praveen P. Scientific Officer - I

Dr. Sathisha K.R., Scientific Officer

Dr. Mahesh K.K., Scientific Officer - II

Ms. Vinitha D'Sa, Research Assistant

Mr. Anil Kumar, Technical Assistant

Letter of Intent

1. Name of the participant:
2. Nomenclature of the highest degree held:
3. Designation:
4. Gender: Male ☐ Female ☐
5. Department:
6. Institution/University:
7. Address of the Institution:
8. E-mail ID:
9. Mobile no.:

Declaration: This is to certify that the above filled information regarding me is true to the best of my knowledge.

Note:

- (1) The above form is for the representative purpose only. Interested candidates are requested to fill the online form available in the link, <<https://forms.gle/7Ec8AxLNm5FpqFb9A>>.
- (2) Online form for Registration and Bank details will be informed along with the confirmation e-mail.
- (3) Details of the programme schedule will be informed in the coming days.

(continuation)

labs (mentioned above) of MU campus among the potential users from research and industry at the national level. It is proposed to conduct plenary lectures, technical talks and demonstration of the equipment available in the labs. The delegates would learn about the available facilities and gain expertise in the use of sophisticated instruments, which will maximize the utility of facility and enhance the research output.

The workshop would also provide a platform for the delegates arriving from various institutes and different disciplines to form a network of interdisciplinary research.

Participants: MU invites the interested Faculty, Engineers, Doctors, Research Scholars and Students as delegates to participate in the Workshop.

Registration: Online submission of the Letter of Intent may please be made on or before dt: 21-03-2022. To conduct the workshop effectively, selection will be made on the basis of certain criteria. Only on receiving the confirmation e-mail from the organizers, candidates are requested to pay the applicable fee and submit the online request form by dt.25-03-2022.

Registration Fee:

Category of delegates	Registration fee (Rs.)
1. Faculty members, Scientists, Engineers & Doctors	2,000
2. Technicians, Research scholars and Students	750

Last date for Registration: 25th March, 2022

Contact:

Dr. Murari M.S. or Mr. Anil Kumar

of DST-PURSE Instrumentation Centre MU

E-mail: <mupurseevents@gmail.com>

Mobile no.: +91-9743700812 & +91-9448911574

Important Dates:

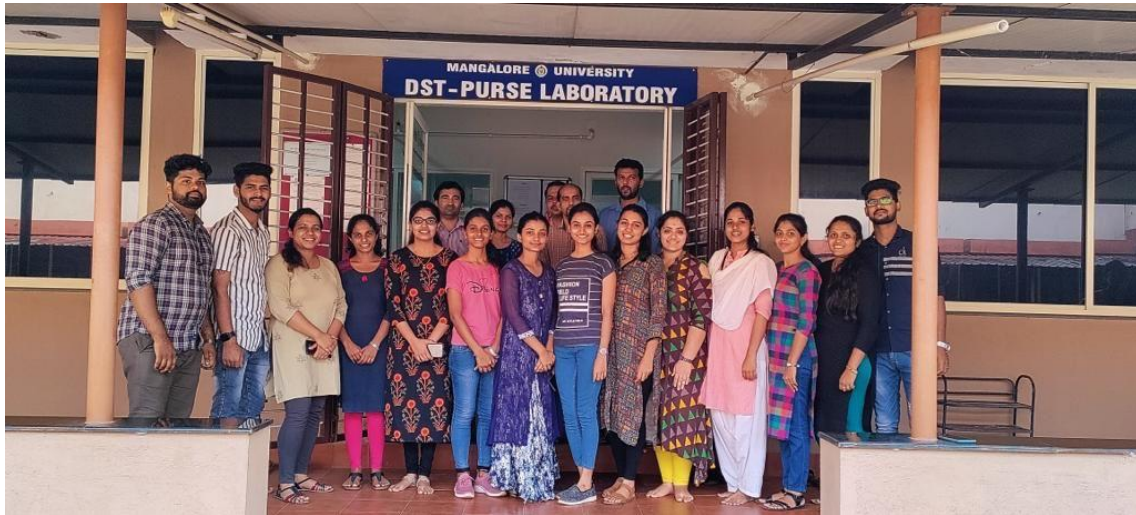
Dt. 21-03-2022 : Last date to submit the Letter of Intent

Dt. 25-03-2022 : Last date for Registration .

Dt. 04-04-2022 to 09-04-2022 : Workshop schedule.

Programmes (tentative)					
Date	04-04-2022	05-04-2022	06-04-2022	07-04-2022	08-04-2022
Schedule	9am to 5pm	10am to 5pm	10am to 5pm	10am to 5pm	10am to 5pm
Programme	Registration and Inauguration	Plenary Lectures – One in everyday on variety of topics Technical talks – About one or two equipment everyday Hands on sessions – Mentioned equipment in batchwise			
					Valedictory function







MANGALORE UNIVERSITY

DST-PURSE Instrumentation Centre and MHRD-RUSA NMR instrument Centre
NATIONAL LEVEL WORKSHOP ON SOPHISTICATED INSTRUMENTS USAGE

From 4th to 9th April, 2022

ATTENDANCE

Signature of Participants					
04/04/2022 Monday	05/04/2022 Tuesday	06/04/2022 Wednesday	07/04/2022 Thursday	08/04/2022 Friday	09/04/2022 Saturday

EXTERNAL MEMBERS

Sl. No.	Name of the Participants						
1.	Dr. K John Paul Doctor						
2.	Dr. Kurian P J Doctor						
3.	Ashwitha Acharya Research Scholar						
4.	Anju Joseph Research scholar						
5.	Raj Kishor C H Research scholar						
6.	Ramaswamy S T Student						
7.	Swathi Prabhu B R Student						
8.	Dr Indu O S Faculty member						
9.	Dr Vivek Saktinidharan Faculty member						
10.	Dr Jeeno Jose Faculty member						
11.	Vikash Singh Student						

Certified
Received
date

MANGALORE UNIVERSITY
DST-PURSE Instrumentation Centre and MHRD-RUSA NMR Instrument Centre
NATIONAL LEVEL WORKSHOP ON SOPHISTICATED INSTRUMENTS USAGE
From 4th to 9th April, 2022

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		Signature of Participants					
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12.	Antony Dasint Iopis Research Scholar	A.D.S	A.D.S	A.D.S	A.D.S	A.D.S	A.D.S
13.	Prinston Melroy Lewis Research Scholar	Prinston	Prinston	Prinston	Prinston	Prinston	Prinston
14.	Athmika Research Scholar	Athmika	Athmika	Athmika	Athmika	Athmika	Athmika
15.	Abdul Khader Rafaz L A Other:	Abdul Khader	Abdul Khader	Abdul Khader	Abdul Khader	Abdul Khader	Abdul Khader
16.	Venkatesh Babu K P Research Scholar	Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh
17.	Dr Raghavendra Baiyy Faculty member	Raghavendra	Raghavendra	Raghavendra	Raghavendra	Raghavendra	Raghavendra
18.	Shakuntala R B Research Scholar	-	Shakuntala	Shakuntala	Shakuntala	Shakuntala	Shakuntala
19.	Martin J Babu Faculty member	Martin	Martin	Martin	Martin	Martin	Martin
20.	Geethu Varghese Research Scholar	Geethu	Geethu	-	Geethu	Geethu	Geethu
21.	Sri Kumara General Manager	-	-	-	-	-	-
22.	Ashwini K Regulatory Affairs	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini

23. Pragna Sawanth

24. Nithika

25. Nithika

26. Nithika

Certificate
received
date

09/04/2022
Athmika

09/04/2022
Venkatesh

09/04/2022
Raghavendra

09/04/2022
Martin

09/04/2022
Ashwini

09/04/2022
Nithika

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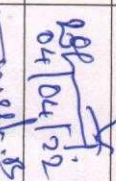
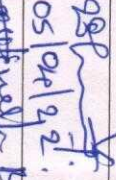
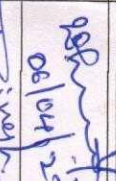
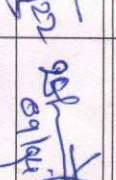
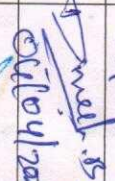
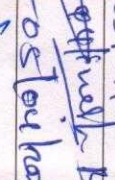
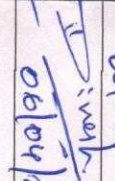
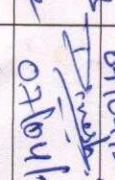
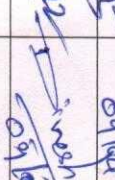
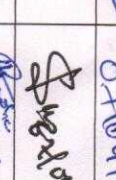
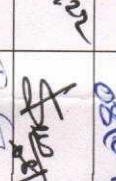
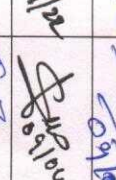
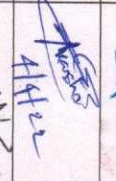
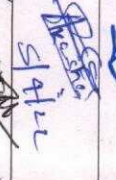
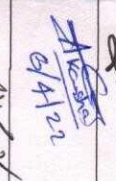
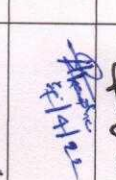
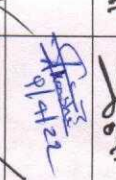
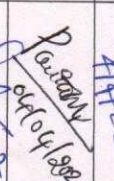
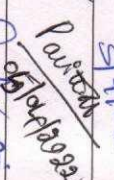
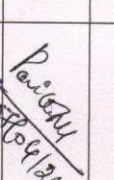
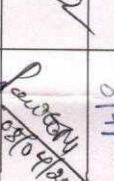
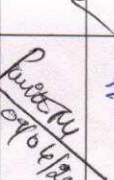
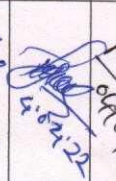
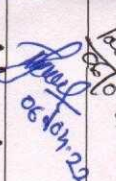
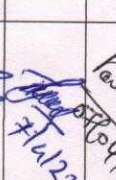
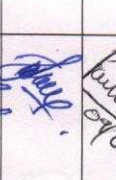
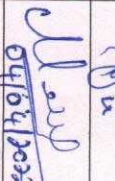
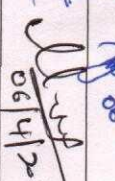
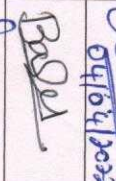
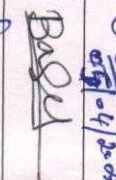
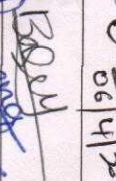
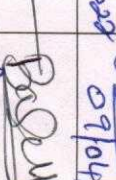
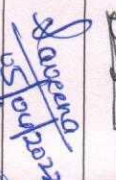
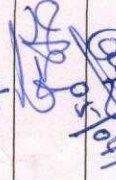
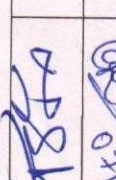
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From 4th to 9th April, 2022

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Signature of Participants					
04/04/2022 Monday	05/04/2022 Tuesday	06/04/2022 Wednesday	07/04/2022 Thursday	08/04/2022 Friday	09/04/2022 Saturday

INTERNAL MEMBERS

Sl. No.	Name of the Participants						
1.	Ms. Chaitrapiya C M Faculty member						
2.	Mr. Dinesh B Research Scholar						
3.	Subhankar Das Research Scholar						
4.	Akarsha B Research Scholar						
5.	Dr. Pavithra M. Faculty member						
6.	Tanhaji Sandu Ghodke Research Scholar						
7.	Dr. I.K. Manjula Faculty member						
8.	Basappa H Research Scholar						
9.	Dr Laveena K B Faculty member						
10.	Dr. Dakshayani Faculty member						
11.	Narasimhaiah N Assistant Professor,						

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MANGALORE UNIVERSITY

DST-PURSE Instrumentation Centre and MHRD-RUSA NMR Instrument Centre
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12.	Rakshitha Research Scholar						
13.	Deeksha K J Research Scholar						
14.	Sushmitha Research Scholar						
15.	Sayana Research Scholar						
16.	Manupriya B R Research Scholar						
17.	Divakar M S Research Scholar						
18.	Nityasree B.R Research Scholar						
19.	Naveenkumar S Research Scholar						
20.	Kavyashree Kuppaya Gond Research Scholar						
21.	Abhishek R Research Scholar						
22.	Pooja Rathna S Research Scholar						
23.	Vasudha G R Research Scholar						
24.	Yamuna S M Research Scholar						

25. A. G. Vivekananda
VCIC

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