

**Sir M. Visvesvaraya Institute of Technology
Bangalore – 562 157**



INDEX SHEET

Report on Environmental promotional activities conducted beyond campus

CRITERIA NO.: 7

SUBCRITERIA NO.: 7.1.11

COMMEMORATIVE DAYS

COMMEMORATIVE DAYS

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
HUNASAMARANAHALLI, VIA: YELAHANKA, BANGALORE – 562 157
DEPARTMENT OF BIOTECHNOLOGY

Ref: No. VIT/BT/ 623 /2021-22

Date: 14.02.2022

To
THE PRINCIPAL
Sir M Visvesvaraya Institute of Technology
Bangalore-562157

Respected Sir,

Sub: Request to grant permission for organizing a community outreach activity to commemorate the National Science Day on 28/2/2022 -reg.

With reference to above, we would like to bring it to your kind notice that, on 28th February of every year, our department is organizing the community outreach activities to commemorate "National Science Day".

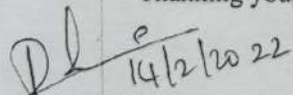
This year too, we wish to invite the nearby government high school students, PUC students, teachers and for an exhibition-cum-awareness event on biotechnology-based projects and experiments, which would be conducted by our 1st semester and 3rd semester students.

The expenses for the event will be utilized from our AICTE SPICES Grant (which was received last year), which is deposited in the JAIVIK forum account.

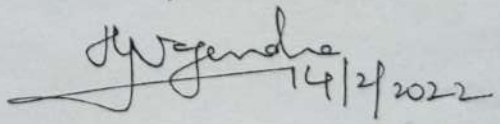
In this regard, I request your kind self to grant us permission for conducting this event and as well, utilizing Rs. 35,000/= (Rupees Thirty Five Thousand Only) from the SPICES grant, and oblige. The details of the proposed expenditure, is herewith attached for your kind perusal.

Sl. No.	Particulars	Amount in Rs.
1.	Prizes and gifts for students	10000/-
2.	Refreshments and lunch	13000/-
3.	Accessories and components required for building models and experiments	10,000/-
4.	Miscellaneous	2000/-
Total		35,000/-

Thanking you,


Dr Rashmi K V
Assistant Professor & Event- coordinator

Sincerely Yours


Dr H.G. Nagendra
Professor & Head
Department of Biotechnology
Sir M. Visvesvaraya Institute of Technology
BANGALORE - 562157

SRI KRISHNADEVARAYA EDUCATIONAL TRUST
NO.16, BALLARI ROAD, SADASHIVANAGAR, BENGALURU-560080

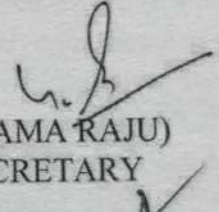
Ref. No.KET/ SIR MVIT/ 157 / 878 /2021-2022

Date: 22/02/2022

NOTE:

Sub: Granting permission for organizing a community outreach activity to commemorate the National Science Day on 28/2/2022.
Ref: Letter No.VIT/BT/623/2021-22, dated: 14/2/2022.

With reference to the above, permission is granted to organize a community outreach activity to commemorate the National Science Day on 28/2/2022 by incurring the expenses of Rs.35,000/- for the event from AICTE SPICES Grant (which was received last year) and deposited in the JAIVIK forum account.


(K.SYAMA RAJU)
SECRETARY

To
The Principal,
Sir MVIT, Bengaluru

Copy to:

- 1) HOD, Department of Biotechnology, Sir MVIT, Bengaluru
- 2) Accounts Section. Sir MVIT

**SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
HUNASAMARANAHALLI, VIA: YELAHANKA, BANGALORE – 562 157**

**Commemoration of National Science Day
26th February 2022- Community Outreach Program
Report**

National Science Day is celebrated in India on 28 February each year to mark the discovery of the Raman effect by Indian physicist Sir Chandrashekhara Venkata Raman on 28 February 1928. Department of Biotechnology, Sir MVIT commemorated this event by organizing exhibition of scientific models and demonstration of biotechnology experiments at the different labs of the department. These exhibitions were witnessed by 25 high school students from Sri Kodandarama Highschool, Mittur and 33 PU students from Presidency School, Kasturinagar. The event was coordinated by 1st and 3rd semester BE Biotechnology students. Preparation of all the scientific models at the different labs and demonstration of experiments was done by 1st and 3rd semester BE Biotechnology students towards AICTE-VTU activity points.

The guests of honour the event were Prof Jagadish Mittur, Director-Operations, Rico Winery and Mrs Sujaya Jagadish, Psychologist and Philanthropist. Prof. H G Nagendra, HOD, Department of Biotechnology welcomed the guests, school students and teachers. Prof Jagadish Mittur gave a detailed speech on inclusion of rural community students by urban students towards their better learning. After the inaugural session, all the students were divided into subgroups of 10 students each for lab tours. Students visited Bioinformatics, Microbiology, Genetic Engineering, Biochemistry, Fermentation Technology, Unit operations and Process Control labs. All the labs demonstrated some of the exciting scientific models and experiments to students. Every laboratory demonstrated many experiments like Agar art, Effect of carbonated drink, Milk Quality test, DNA isolation, Plant Tissue Culture, Heat exchanger, Filtration, Protein structures etc..to students to kindle their scientific spirit. Many biological working models like Biogas, Hydroponics-Aquaponics, Bacterial Cell, Drug Delivery, Thermal Power, Signal Transduction, Quantum dots etc. were also demonstrated by our students. Beyond this school students have also visited Aspartika Biotech Pvt. Ltd. Labs. After the visit of every lab feedback poll was collected from all the students. After the lunch break an interactive session for rural school students with urban school students was organized to explore contacts among themselves for better learning experience.

Prof H G Nagendra, Head, Dept. of Biotechnology made concluding remarks on the event and distributed the saplings to the school teachers as a token of appreciation. Few of the most interactive students High school and PU college were awarded with prizes. School teachers also shared their feedback of the event and highly appreciated the efforts by the students and staff towards explaining all the science themes to the students and they also mentioned the whole exercise was very useful to those school students.

Overall this whole event has helped students of BE-Biotechnology towards programs outcomes on engineers concerns towards society (PO6), their ability to work in teams and as individuals (PO9) and also their communication skills in teaching and convincing the students on the concepts (PO10). All the soft skills learnt through such societal activities are part of life-long learning process (PO12). We are extremely thankful to AICTE-SPICES, Sri KET and Sir MVIT for the support towards the successful conduction of this event.


Dr Rashmi K V

Assistant Professor & Event Co-ordinator


Dr H G Nagendra

Dr H.G. Nagendra
Professor & Head
Department of Biotechnology
Sir M Visvesvaraya Institute of Technology
BANGALORE - 562 157

Commemoration of National Science Day
26th February 2022- Community Outreach Program



Dr Rashmi K V
Assistant Professor & Event Co-ordinator

Dr H G Nagendra
Dr H.G. Nagendra

Professor & Head
Department of Biotechnology
Sir M Visvesvaraya Institute of Technology
BANGALORE - 562157

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
HUNASAMARANAHALLI, VIA: YELAHANKA, BANGALORE - 562 157
DEPARTMENT OF BIOTECHNOLOGY

National Science Day Celebration 28th February 2022

Exit Poll - ನಿಮ್ಮ ಆಯ್ಕೆ/ಮೌಲ್ಯಮಾಪನ

Please give your scores out of 10 to the below labs you visited based on your experience

ದಯವಿಟ್ಟು ನಿಮ್ಮ ಅನುಭವದ ಆಧಾರದ ಮೇಲೆ ನೀವು ಭೇಟಿ ನೀಡಿದ ಕೆಳಗಿನ ಲ್ಯಾಬ್‌ಗಳಿಗೆ
10 ರಲ್ಲಿ ನಿಮ್ಮ ಸ್ಕೋರ್‌ಗಳನ್ನು ನೀಡಿ

Serial Number	Name of the lab	Your score out of 10
1.	Bioinformatics Lab ಬಯೋಇನ್ಫರ್ಮ್ಯಾಟಿಕ್ಸ್ ಲ್ಯಾಬ್	9
2.	Microbiology Lab ಮೈಕ್ರೋಬಯಾಲಜಿ ಲ್ಯಾಬ್	10
3.	Genetic Engineering Lab ಜೆನೆಟಿಕ್ ಇಂಜಿನಿಯರಿಂಗ್ ಲ್ಯಾಬ್	10
4.	Biochemistry Lab ಬಯೋಕೆಮಿಸ್ಟ್ರಿ ಲ್ಯಾಬ್	8
5.	Fermentation lab ಫರ್ಮೆಂಟೇಶನ್ ಲ್ಯಾಬ್	5
6.	Unit Operations Lab ಯೂನಿಟ್ ಆಪರೇಷನ್ ಲ್ಯಾಬ್	10

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
HUNASAMARANAHALLI, VIA: YELAHANKA, BANGALORE - 562 157
DEPARTMENT OF BIOTECHNOLOGY

National Science Day Celebration 28th February 2022

Feed Back Form ಫೀಡ್ ಬ್ಯಾಕ್ ಫಾರ್ಮ್

Please give your valuable feedback on the event by rating us on the below parameters

ಈ ಕೆಳಗಿನ ಅಂಶಗಳ ಆಧಾರದ ಮೇಲೆ ಇಂದಿನ ಕಾರ್ಯಕ್ರಮದ ಬಗೆಗಿನ ನಿಮ್ಮ
ಅನಿಸಿಕೆಯನ್ನು ತಿಳಿಸಿ

Name: Jayati

School Name: PSBE

Parameters/ ಅಂಶಗಳು	Unsatisfactory ಅತ್ಯಪ್ಪಿಕರ 1	Fair ತೃಪ್ತಿಕರ 3	Good ಉತ್ತಮ 4	Excellent ಅತ್ಯುತ್ತಮ 5
Scientific Models and Experiments ವೈಜ್ಞಾನಿಕ ಮಾದರಿಗಳು ಮತ್ತು ಪ್ರಯೋಗಗಳು				✓
Demonstration by students and interaction ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಮತ್ತು ಸಂವಾದ				✓
Knowledge gained by you ಜ್ಞಾನ ಗಳಿಕೆ				✓
Hospitality (Transport, Food and other arrangements) ಆತಿಥ್ಯ (ಸಾರಿಗೆ, ಊಟೋಪಚಾರ ಮತ್ತು ಇತರ ವ್ಯವಸ್ಥೆಗಳು)				✓
Overall comments /suggestions if any ಸಲಹೆಗಳು/ಅನಿಸಿಕೆಗಳು	It was amazing. Although I attended it last year, I never understood a thing but it was an amazing experience getting to come here once again and see a new set of projects and experiments.			

Thank you

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
HUNASAMARANAHALLI, VIA: YELAHANKA, BANGALORE - 562 157
DEPARTMENT OF BIOTECHNOLOGY

National Science Day Celebration 28th February 2022

Feed Back Form ಫೀಡ್ ಬ್ಯಾಕ್ ಫಾರ್ಮ್

Please give your valuable feedback on the event by rating us on the below parameters

ಈ ಕೆಳಗಿನ ಅಂಶಗಳ ಆಧಾರದ ಮೇಲೆ ಇಂದಿನ ಕಾರ್ಯಕ್ರಮದ ಬಗೆಗಿನ ನಿಮ್ಮ
ಅನಿಸಿಕೆಯನ್ನು ತಿಳಿಸಿ

Name: ಶಿವಾಂಶು ರಾಜ

School Name: ಕೆ.ಎ. ಕೋಡುಂಡ ಗ್ರಾಮ ಪ್ರಾಥಮಿಕ ಶಾಲೆ

Parameters/ ಅಂಶಗಳು	Unsatisfactory ಅತ್ಯಪ್ಪಿಕರ 1	Fair ತೃಪ್ತಿಕರ 3	Good ಉತ್ತಮ 4	Excellent ಅತ್ಯುತ್ತಮ 5
Scientific Models and Experiments ವೈಜ್ಞಾನಿಕ ಮಾದರಿಗಳು ಮತ್ತು ಪ್ರಯೋಗಗಳು			✓	
Demonstration by students and interaction ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಮತ್ತು ಸಂವಾದ				✓
Knowledge gained by you ಜ್ಞಾನ ಗಳಿಕೆ				✓
Hospitality (Transport, Food and other arrangements) ಆತಿಥ್ಯ (ಸಾರಿಗೆ, ಊಟೋಪಚಾರ ಮತ್ತು ಇತರ ವ್ಯವಸ್ಥೆಗಳು)				✓
Overall comments /suggestions if any ಸಲಹೆಗಳು/ಅನಿಸಿಕೆಗಳು	<p>ನೀವು ಇಲ್ಲಿ ಒಂದೊಂದರ ನೆಲೆ ಚರ್ಚಿಸಿ ಓದಿ ಕೊಳ್ಳಿ.</p> <p>ನೀವು ಇಲ್ಲಿ ಬೆಳಗ್ಗೆಯೇ ಮಾದರಿ ಗೊಳಿಸಿ ಇತ್ತೀಚೆಯಲ್ಲಿ ಕೊಂಡು ಮಾಡಿದಿರಿ.</p>			

Thank you

ಮಾನ್ಯಾಧಿಕಾರಿ

(ಸಹಿ)

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
HUNASAMARANAHALLI, VIA: YELAHANKA, BANGALORE - 562 157
DEPARTMENT OF BIOTECHNOLOGY

National Science Day Celebration 28th February 2022

Exit Poll - ನಿಮ್ಮ ಆಯ್ಕೆ/ಮೌಲ್ಯಮಾಪನ

Please give your scores out of 10 to the below labs you visited based on your experience

ದಯವಿಟ್ಟು ನಿಮ್ಮ ಅನುಭವದ ಆಧಾರದ ಮೇಲೆ ನೀವು ಭೇಟಿ ನೀಡಿದ ಕೆಳಗಿನ ಲ್ಯಾಬ್‌ಗಳಿಗೆ
10 ರಲ್ಲಿ ನಿಮ್ಮ ಸ್ಕೋರ್‌ಗಳನ್ನು ನೀಡಿ

Serial Number	Name of the lab	Your score out of 10
1.	Bioinformatics Lab ಬಯೋಇನ್ಫರ್ಮ್ಯಾಟಿಕ್ಸ್ ಲ್ಯಾಬ್	10
2.	Microbiology Lab ಮೈಕ್ರೋಬಯಾಲಜಿ ಲ್ಯಾಬ್	10
3.	Genetic Engineering Lab ಜೆನೆಟಿಕ್ ಇಂಜಿನಿಯರಿಂಗ್ ಲ್ಯಾಬ್	10
4.	Biochemistry Lab ಬಯೋಕೆಮಿಸ್ಟ್ರಿ ಲ್ಯಾಬ್	10
5.	Fermentation lab ಫರ್ಮೆಂಟೇಶನ್ ಲ್ಯಾಬ್	10
6.	Unit Operations Lab ಯೂನಿಟ್ ಆಪರೇಷನ್ ಲ್ಯಾಬ್	10