



SURANA COLLEGE

AUTONOMOUS

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DEPARTMENT OF BIOTECHNOLOGY 2024-25

**REPORT ON VISIT TO MVIT (Visvesvaraya
Industrial & Technological Museum)**

Introduction

Introduction to MVIT (M S Ramaiah Institute of Technology):

M S Ramaiah Institute of Technology, commonly referred to as MVIT, is a premier engineering college located in Bangalore, Karnataka, India. Established in 1962, MVIT has a rich history of academic excellence and innovation. The institute is affiliated to Visvesvaraya Technological University and is accredited by the National Assessment and Accreditation Council (NAAC) with an 'A' grade. MVIT offers undergraduate and postgraduate programs in various disciplines of engineering, including computer science, mechanical engineering, electrical engineering. VITM has developed travelling exhibitions including The World of Astronomical Observatories, The Life and Work of Sir C. V. Raman, Nanotechnology, and The Life and Work of Sir M Visvesvaraya. VITM also hosts, on a regular basis, travelling exhibitions that are developed by other units of NCSM such as Science of Sports, Giants from the Backyard, Chemistry, Disaster – Preparing for the Worst, and Radiations Around Us.

Date & time of Visit: 03/10/2024 at 10am

History

Visvesvaraya Industrial and Technological Museum, Bangalore (VITM), a constituent unit of National Council of Science Museums (NCSM), Ministry of Culture, Government of India, was established in memory of Bharat Ratna Sir M. Visvesvaraya. A modest building with a built up area of 4000 sq. mtrs., was constructed in the serene surrounding of the Cubbon Park, housing various industrial products and engines, which was opened by the first Prime Minister of India, Pandit Jawaharlal Nehru on 14.07.1962.

The first gallery set up at VITM on the theme Electricity was opened to the public on 27.07.1965 by the then Union Minister for Information & Broadcasting & Bharat Ratna Indira Gandhi.



- Museum Activities
- Tara Mandal Show
- Science Demonstration Show
- Sky Observation Programme
- Popular Science Lecture
- Commemorative Programme
- Wright brothers aeroplane
- Science on a Sphere
- Dinosaur Enclave
- Science for Children
- Space Technology Gallery

Exhibition gallery

- Engine Hall exhibits engines of various cars, machines used in industry, a jet aircraft engine, and other mechanical devices.
- Through engaging exhibitions, the How Things Work gallery aims to illustrate how machines operate. The pulley system, gears, various motion-transfer mechanisms, levers, inclined planes, and screws that reduce effort are all included as exhibits. The use of these straightforward devices in everyday life is covered in a separate section.

- The Fun Science gallery that displays exhibits on the science of sound, optics, fluids, math and perception.
- The Electro Technic Gallery contains interactive electrical exhibits which work on the basic principles of electricity, electronics and communication. A renovated version of the Electro Technic gallery was opened to public on 8 April 2010. This gallery exhibits the classical experiments like Oersted's experiment, Barlow's wheel, and Faraday's ring. A demonstration on electrostatics, which includes a Tesla coil and a Van de Graaff generator is on display.
- The Space – Emerging Technology in the Service of Mankind gallery showcases the achievements of the Indian Space Program. It was inaugurated on 19 June 1999. The Gallery was renovated with guidance of Indian Space Research Organization and reopened as Space Technology by A. S. Kiran Kumar and Krishnaswamy Kasturirangan. It is the first Science Gallery in India dedicated to Space and Space Technology.
- The Biotechnological Revolution Hall has exhibits on the basics of biotechnology and its applications, including human genome sequencing. It opened on 4 January 2003. This exhibition has been renovated with new interactive exhibits and displays. This new-look exhibition was opened to public as 'Biotechnology' Gallery on 15 February 2021.
- The BEL Hall of Electronics was inaugurated on 29 June 2004 in collaboration with Bharat Electronics Ltd (BEL). This gallery has exhibits on the basic principles of electronics and information technology.
- The 'Science for Kids' gallery was inaugurated on 19 April 2019. There are exhibits on Our Senses, about animals, colours, light, sound etc. apart from interactive toys. There is an exhibit where kids can take photos of themselves with life-size animal models. 'Mirror maze' is another attraction in this gallery.
- The Dinosaur Alive exhibit has a moving replica of a Spinosaurus. This pneumatically-operated dinosaur can move its head, hands and tail and roll its eyes at the visitors.
- The Science on a Sphere facility was opened on 28 July 2014, in celebration of the golden jubilee of VITM.
- The Wright Brothers exhibit, also includes a 1:1 scale model of the Wright Brothers' Flyer, fabricated in-house, and a flight simulator.

In addition to these exhibits, the museum includes a science show hall, a 3D theatre, a 250-seat auditorium, a telemedicine facility, an 11' Celestron telescope with GPS, and a cafeteria.









Conclusion

The visit to Visvesvaraya Industrial and Technological Museum, Bangalore (VITM), was an enriching experience for us. We gained valuable insights into the world of technology and innovation. The state-of-the-art facilities and infrastructure impressed us, and we were inspired by the institution's commitment to excellence. We returned with a newfound appreciation for the possibilities that technology holds and a clearer understanding of the opportunities available to us.

We were also inspired by the institution's focus on interdisciplinary learning and collaboration. Overall, the visit was a great learning experience that has motivated us to explore the exciting world of technology and innovation.

visit to Sir M Visveswaraya museum

List of Student and Faculty

Sl.no	Name of the student	Semester	Signature	Sl.no	Name of the student	Semester	Signature
1.	Gayathri Bai. L	I st Sem Bsc	Gayathri	15.	Shahk Rahil Hassan	I st Sem Bsc	Sh..
2.	Mehak Taranum	I st Sem Bsc	Mehak Taranum	16.	PHAIMA FAKAR	I st SEM	Phaima
3.	Bhavana. C	I st Sem Bsc	Bhavana	17.	C.M. Mohith Kumar	I st Sem	Mohith
4.	Swarnna.M.S.	I st Sem Bsc	Swarnna.M.S.	18.	Rashmi. S	I st sem	Rashmi
5.	Gaganashree	I st sem Bsc	Gagana	19.	Maanyatha. L.M	I st sem	Maanyatha
6.	Priya Sharshini	I st Sem Bsc	Priya	20.	Anagha GV	I st sem	Anagha
7.	urha. R	I st sem Bsc	Urha	21.	Shalini. K	II Sem	Shalini
8.	Archana. C	I st sem Bsc	Archana	22.	Deeksha Shetty	III sem	Deeksha Shetty
9.	Bhanupriya. S	I st sem Bsc	Bhanu	23.	Madhu priya	III sem	Madhu
10.	Bhoomika. S	I st sem Bsc	Bhoomi	24.	Shubha	III sem	Shubha
11.	Vareha M. L	I st sem Bsc	Vareha	25.	Revathi	III sem	Revathi
12.	Lavanya N	I st sem Bsc	Lavanya	26.	Ashwini. B.A	I sem	Ashwini. B.A.
13.	Hanumantha S	I st sem Bsc	Hanumantha	27.	Kenchamma Beerappa Sana-gad	I sem	Kenchamma.
14.	Chethana Shree G.A	I st sem Bsc	Chethana	28.	VIBHA N GOWDA	III sem	Vibha

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List of Student and Faculty

Sl.no	Name of the student	Semester	Signature	Sl.no	Name of the student	Semester	Signature
28.	SHANMUKA P. R.	5 th SEM	S				
29.	AMRUTHA RANI KUMAR	III SEM (BLS)	Shreelha R				
30.	SURYA S	III SEM (Bt)	Surya S				
31	Shwetha. R	III sem (BtCs)	Shwetha R				
32	Anusha. N	IV sem (BtCs)	Anusha N				
33	SONU. H. L	III Sem (CP)	Sonu				
34	Shravya. R	III sem CBBT	Shravya R				
35	S. Bhavana	Faculty	S. Bhavana				
36	Ashok. H. G	Faculty	Ashok				
37	Neha. R	Faculty	Neha				
38	Bhavana. G. S	I st Sem BSc (CBRT)	Bhavana G. S				