



MITS
MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)



Report on
One day Refresher Program
on Emerging Trends in Physical science research
&
National Science Day Celebrations
Organized by Department of Physics, MITS Association of NSS team MITS.
28th February 2023

Report submitted by: Dr S. Sreedhar, Asst. Professor, Dept. of Physics, MITS

National Science Day Celebrations:

The Department of Physics, Madanapalle Institute of Technology & Science celebrated National Science Day on 28 February 2023 and conducted one day Refresher Program on Emerging Trends in Physical science research. The national science day will be celebrated to mark the discovery of the Raman Effect by Indian Physicist Sir C V Raman on this particular day in 1928. For his discovery, Sir C. V. Raman was awarded Nobel Prize in Physics in 1930. Every year, this day is celebrated across the India with scientific temper for spreading the message of importance of science and its applications among the people. Govt. of India also announces a particular theme for it and the current year 2023 theme is “Global Science for Global Wellbeing”.

Pre event sessions:

Quiz Science Day Quiz competition conducted on **20/02/2023 12:10 PM - 01:00 PM Seminar Hall-B**. total of 29 students were attended for the events. The quiz competition framed in such that to know basic knowledge of science discoveries, general awareness in science and wisdom of Indian science and technology. The winners were awarded prizes on 28-03-23 on national science day.

Date: 28-02-2023

LIST of Competition Organised by: NSS UNIT MITS in Association with PHYSICS DEPARTMENT on the occasion of National science day.

- 1) ESSAY (Timings 9:30am to 10:30am)
- 2) POSTER MAKING (Timings 10:30 am to 11:00 am)
- 3) SHOTGUN (timings 11:00 am to 12:00 pm)
- 4) PROJECT EXPO (timings 1:00 pm to 2:00 pm)
- 5) DEBATE (Timings 2:00pm to 3:00pm)

The National Science day celebration program started at 1:30 PM with welcome address by **Dr. M. Chandra Sekhar**, Head, Department of Physics. MITS, Madanapalle. Inauguration session chaired by **Prof. P. Ramanathan**, Vice Principal, Academics, **Dr. S. Eswar**, CSO, MITS and **Dr. Chandra Mohan**, I B. Tech. Coordinator,

Dr. M. Chandra Sekhar briefly described about Sir C V Raman and mentioned the importance of National Science Day. **Prof. P. Ramanathan**, Vice Principal, Academics, he laid emphasis on inventions and discoveries made in the field of science that have made the human life sophisticated and hence suggested the students and the teaching fraternity to strive for the benefit of science. **Dr. S. Eswar**, CSO, MITS narrated the sir C V Raman history and remarkable events in the his scientific journey. He lauded how sir CV raman make remarkable discoveries with minimal resources available at that time in India. **Dr. Chandra Mohan**, I B. Tech. Coordinator narrated important of science in the development of technology.

In the Afternoon Session, continued with conduction of One day Refresher Program

On Emerging Trends in Physical science research with the following speakers delivers the talk on excited topics.

S. No.	Program	Timings
1	Science Day Celebrations MITS. By. Dr. M. Chandra Sekhar , Head, Department of Physics. MITS, Madanapalle.	1:30 pm to 2:00 pm
2	Title: Experiments that have changed the world. By Dr. Md. Mahabul Islam , Assistant Professor, Department of Physics, MITS.	2:00 pm to 2:30 pm
3	Title- Cosmology- the birth and expansion of Universe. By Mr. Prasad. K. Mechanical Engineering, MITS	2:30 pm to 3:00 pm
4	Title- A glimpse on the applications of Raman Effect from day today life to advanced research. By Mr. Chandra Kanth , Assistant Professor, Department of Physics, MITS.	3:00 pm to 3:30 pm
5.	Title-Latest development in LASER based Raman Spectroscopy technique: application in engineering, material science, Biology etc.. By Dr. S. Sreedhar , Assistant Professor, Department of Physics, MITS.	3.30 pm to 4.00 pm
6.	Title- NSS events on science day. Valedictory	4.00 pm to 4.30 pm.

The closing ceremony is headed by **honourable Principle of MITS, Prof. C. Yuvaraj**. He pinned current situations like people mind set to choose one field blindly by following others. He addressed the change of technology in energy and mobility section. Earlier use to coal and transitioned with oil, now being transition with Electrical Vehicle, and future is more towards green technologies like hydrogen fuel, clean energy solutions. The students need to take the research carrier opportunities to address the future technological challenges. He appreciated conducting various programmes on this occasion for spreading the importance of science and motivated students towards research. He congratulated the winners of competitions. NSS Team MITS, faculty in charge **Dr. Rajesh**, Mechanical department, MITS delivered speech on the occasion of science day and activities conducted by NSS volunteers.

Valedictory remarks given by Dr. B. Jagadeesh Babu, Asst. Prof. Dept. of Physics. Function closed.

మిట్స్ కళాశాలలో ఘనంగా జాతీయ సైన్స్ దినోత్సవం

మదనపల్లె, ఫిబ్రవరి 28 (కురుక్షేత్రం ప్రతినిధి): అంగళ్ళు సమీపంలోని మదనపల్లె ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ అండ్ సైన్స్ మిట్స్ కళాశాలలో మంగళవారం జాతీయ సైన్స్ దినోత్సవాన్ని ఘనంగా జరుపుకున్నారు. ఈ సందర్భంగా కలకాల వైస్ ప్రెసిడెంట్ డాక్టర్ రామనాథన్ మాట్లాడుతూ ఈ రోజు భారతీయ వైజ్ఞానిక ప్రతిభ ప్రపంచానికి తెలిసిన రోజుగా పరిగణిస్తామని, వైజ్ఞానిక రంగంలో నోబెల్ అందుకున్న దేశం మనదేనని ఆయన అన్నారు. ప్రతిష్టాత్మక దేశ పౌర పురస్కారం భారత రత్న అందుకున్న తొలి విజ్ఞాన కెరటం. ఒక్క మాటలో చెప్పాలంటే వైజ్ఞానిక శాస్త్రానికే వైద్యుడిలా మారిన వైజ్ఞానిక యోధుడు. ఆధునిక భారత విజ్ఞాన శాస్త్రవేత్తల పరిశోధనా ప్రతిభను అంకడాతీయస్థాయిలో ఇసుమడించేసిన వ్యక్తుల్లో సర్ సీవి రామన్ అగ్రగణ్యుడని అన్నారు.




వైజ్ఞానిక ఆవిష్కరణల్లో భారతీయులకు నోబెల్ రావడం గగనం. అలాంటిది సర్ సీవి రామన్ ఆ ఘనత సాధించారన్నారు. అంతేకాదు, విజ్ఞానశాస్త్రంలో ఆ ఘనత సాధించిన ఏకైక ఆసియా వాసిగానూ చరిత్ర సృష్టించారన్నారు కొనియాడారు. నేటికీ మనం ఆయనను స్మరించుకోవడం ఎంతో గర్వకారణమన్నారు. ఈ కార్యక్రమం లో కళాశాల ఫిజిక్స్ విభాగాధిపతి డాక్టర్ చంద్రశేఖర్, కళాశాల సి.ఎస్.ఓ. డాక్టర్ ఈశ్వర్, ఈఈఈ విభాగాధిపతి డాక్టర్ పవన్, బి.టెక్ ఫస్ట్ ఇయర్ కో-ఆర్డినేటర్ డాక్టర్ చంద్రమోహన్ పాల్గొన్నారు.

Sir CV Raman a doctor for science and one of the people who made the research talents of modern Indian scientists

(By Our Skyline Staff Reporter)
Madanapalle, February 28: National Science Day was celebrated grandly at MITS Engineering College, Madanapalle. college Vice Principal Dr Ramanathan said in this prog: it this day will



be considered as the day when our Indian scientific talent is known to the world and we are the country that won the Nobel in the field of science. Sir CV Raman was the first scientific awardee to receive the prestigious national civilian award Bharat Ratna. In one word, he said that Sir CV Raman is a scientific warrior who has become a doctor for science, and one of the people who made the research talents of modern Indian scientists famous at the international level. It is a feat for Indians to get the Nobel in scientific discoveries. Such is the achievement of Sir CV Raman. Moreover, he said that he has created history as the only Asian who has achieved that feat in science. He said that we are very proud to remember him on this day. College Physics Head Dr Chandra Shekhar, College CSO Dr Eshwar, EEE Department Head Dr Pawan, B Tech First Year Coordinator Dr Chandra Mohan and others participated in this program.



