

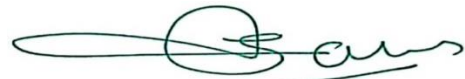
SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE
SULLURPET, TIRUPATI DISTRICT, ANDHRA PRADESH

CIRCULAR

Date: 22-06-2022

The Physics department at the college hosted a workshop on **Machine Learning Applications in Physics** on June 27. The resource person for the workshop will be **Sristi Ram Dyuthi**, a scientist from the University of California, San Diego in the United States. An organizational meeting will start at 10 AM. Faculty, staff, and students are all welcome to attend.

Copy to the Notice Board and for all students and staff what's app groups



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Sri VSSC Govt. Degree College
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SULLURPET, TIRUPATI DISTRICT, ANDHRA PRADESH

DEPARTMENT OF PHYSICS

REPORT OF THE WORKSHOP

On June 27th, 2022, the Department of Physics at SVSSC Government Degree College, Sullurpet, Tirupati District, hosted a one-day workshop in a digital classroom on the **Applications of Machine Learning to Physics**, attended by 80 students and 12 faculty members.

Objectives of Workshop

- Bringing together computer scientists, mathematicians, and physicists who are interested in applying machine learning applications to a wide range of outstanding physics problems.
- To understand and improve machine learning techniques, we must show cutting-edge progress in applying machine learning techniques to real-world physics problems.

Dr. S.L.B. Sankara Sarma, the college's principal, welcomed the staff and resource people, emphasising the importance of focusing on the workshop. The workshop was then declared open by him.

Dr.V. Raja, Professor and Head of the Department of Physics, provided a brief update on the department's progress as well as the importance of the workshop.

Sristi Ram Dyuthi, Scientist at the University of California, San Diego, USA, began the first session by explaining the fundamentals of machine learning and how machine learning applications relate to physics.

Dyuthi focused on some ML and DL methods that are now routinely used in various branches of physics during the second session. She explained how physics and machine learning/deep learning are interconnected and how they help solve problems in other fields. She predicts that in the future, more and more ML and DL methods will be used in physics. Finally, **Dyuthi** interacted with the students and gave gifts to those who answered the questions spontaneously. The Physics Department was praised by the principal for organising the programme. He also thanked the resource person for sharing her knowledge and experience. **Dr. J. Subrahmanyam**, Professor of Physics, proposed a vote of thanks, thanking the resource person and all attendees.







మిషన్ వెర్నింగ్ ఇన్ ఫిజిక్స్పై వర్క్ షాపు

సూక్ష్మరూపేట, జూన్ 27

(ప్రభుత్వం): సూక్ష్మరూపేట పట్టణంలోని ఎస్ఎస్సీఎస్సీ ప్రభుత్వ డిగ్రీ కళాశాలలో సోమవారం ప్రెసిపిట్ ఎస్ఎల్బీ శంకరశర్మ ఆధ్వర్యంలో అప్లికేషన్స్ ఆఫ్ మిషన్ వెర్నింగ్ ఇన్ ఫిజిక్స్ అనే అంశంపై విద్యార్థులకు అవగాహన కార్యక్రమాన్ని నిర్వహించారు. ఈ అవగాహన కార్యక్రమంలో అమెరికాకు చెందిన యూనివర్సిటీ ఆఫ్ కాలిఫోర్నియా శాండిగో విశ్వవిద్యాలయంలో పరిశోధన చేస్తున్న రామ్ ద్యూతి విద్యార్థులకు అవగాహన కల్పించారు. ఈ కార్యక్రమంలో వైస్ ప్రెసిపిట్ సీహెచ్ మధుబాబు, అధ్యాపకులు డాక్టర్ వి రాజా, డాక్టర్ జె సుబ్రహ్మణ్యం, టిపోలయ్య, విద్యార్థులు సాల్వోనాగు

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