

Amaravati, September 29, 2023

## **IASc President, Prof. Umesh V. Waghmare Inaugurates Centre of Excellence and Delivers the University Distinguished Lecture at SRM University-AP**

SRM University-AP welcomed Prof. Umesh V Waghmare, President – Indian Academy of Sciences, Bengaluru on the momentous occasion of the inauguration of the Centre for Computational and Integrative Sciences and as the keynote speaker of the 16<sup>th</sup> University Distinguished Lecture held on September 27, 2023. The institute launched its eighth Centre of Excellence that embraces true interdisciplinary collaboration in alignment with the mission of SRM University-AP. Prof. Waghmare acknowledged the tremendous research infrastructure of the institute that intensifies and cultivates research, innovation, and entrepreneurial spirit on campus. The Centre which is a dedicated platform for computational research, was launched in the presence of Prof. V S Rao, Advisor; Dr R Premkumar, Registrar; Prof. Ranjit Thapa, Dean-Research, Dr. Mahesh Kumar Ravva, Co-ordinator of the center, and faculty of SRM University-AP.

Prof. Waghmare also delivered an insightful session on “How Materials Shape Technologies: Past, Present and Future” as part of the 16<sup>th</sup> edition of the University Distinguished Lecture Series organised by the institute. “Material Science is an interdisciplinary field of science that witnesses the confluence of natural sciences and engineering. The history of materials (its processing) influences its structure and thus the material's properties and performances. These diversified materials have influenced humankind significantly from the beginning of our civilization to the 21<sup>st</sup> century”, stated Prof. Waghmare in his lecture. He also expounded on how materials have been the key to technological revolutions, the impact of Quantum Physics in Material Science and combating present challenges to energy and environment through modern materials and technologies. **He elaborates on how utilizing machine learning as a tool can enhance the predictive capabilities of Quantum Physics and contribute to solving fundamental challenges, ultimately expediting the introduction of technology to the market.**

**Prof. V S Rao, Advisor stated that the primary aim of the University Distinguished Lecture series is to inspire research scholars and students to engage in innovative initiatives that contribute to the comprehensive advancement of our nation.** The lecture successfully concluded with a Q&A session and a vote of gratitude. A memento was presented to Prof. Umesh Waghmare as a token of appreciation by Dr R Premkumar.