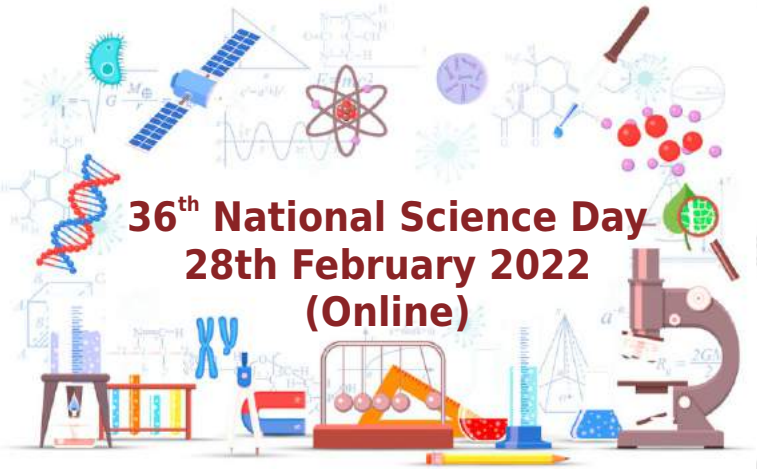
VIT-AP UNIVERSITY

Apply Knowledge. Improve Life!®

School of Advanced Sciences
VIT-AP University
Organizes



36th National Science Day
28th February 2022
(Online)

VIT-AP University
Amaravati
Andhra Pradesh 522237

No registration fees

Registration Link:
https://forms.gle/vaLQBAc4hrSoRYWN7

Scan to Register

Meeting Link :
https://tinyurl.com/2f2bsuxh

Scan to Join

School website :
https://vitap.ac.in/school-of-advanced-sciences/

Last date for registration:
27th Feb 2022 (05.00pm)

About VIT- AP University:

Consistently ranked among the top educational institutes in the country, the VIT group of institutions has a proud tradition of pursuing knowledge and excellence. In keeping with this VIT tradition, the leadership at VIT-AP resonates a dynamic blend of academic initiative and industry partnership with a vision of creating one of the finest academic destinations in the world. With several years of educational, industrial, and administrative experience, VIT-AP is helmed by Dr. G. Viswanathan, Founder & Chancellor of VIT group of Institutions; along with the core group comprising Dr. Sekar Viswanathan, Vice-President; Shri. Sankar Viswanathan, Vice-President; Shri. G. V. Selvam Vice-President; Dr. S.V. Kota Reddy, Vice-Chancellor; and Dr. C.L.V. Sivakumar, Registrar.

VIT-AP offers several avenues to explore your interests, identify core competencies, and engage in an evolving lifecycle of education and growth. With flexible courses and a unique teaching-learning experience, state-of-the-art facilities, focus on continuous assessment and emphasis on practical learning, a student-oriented mentoring scheme, extracurricular activities, several international collaborations, placement opportunities, and much more, VIT-AP ensures that students are informed, inspired, and engaged in an enriching experience at the institute.

Institute Address: Beside AP Secretariat, Near Vijayawada, Andhra Pradesh - 522237, INDIA

Website:www.vitap.ac.in

About the School of Advanced Sciences:

The School of Advanced Sciences (SAS), VIT-AP University houses the Departments of Mathematics, Physics, and Chemistry. Here students are taught how to think critically through project-based learning and not merely what to think. Students are encouraged to question, explore, and research throughout their studies, ranging across the various discipline of sciences. Our school aims at providing a solid foundation in natural Sciences, projecting the recent scientific and technological developments to the graduate, postgraduate, and Ph.D. students. We aspire to be a valuable contributor to the nation's growth and development by producing highly skilled professionals and by engaging in cutting-edge research. SAS earnestly pursues a vision of providing local, regional, national, and international leadership in research and technology development. We believe in the quality of education and research with ethical and professional standards for better tomorrow. Here students make their choices based on their preferences and requirements that equip them with a balance of logical-thinking and problem-solving skills which are essential to tackle today's and tomorrow's professional challenges.

About National Science Day

National Science Day is celebrated in India on 28th February each year to commemorate the discovery of the Raman effect by Sir C. V. Raman on the same day in 1928, while working at the Indian Association for the Cultivation of Science, Calcutta. Raman was awarded the Nobel prize in Physics in 1930 for his discovery, and this was the first Nobel Prize for India in the field of Science. Initiated by the Government of India since 1987, the day celebrates, encourages, and popularizes the importance of science to foster scientific spirit among citizens.

Sir. C. V. Raman
(1888 - 1970)

School Highlights:

Programmes Offered:

Dual Degree Programme
B.Sc. & M.Sc. Data Science
(with exit option B.Sc. Data Science)

PG Programme
M. Sc. Data Science
M. Sc. Physics
M. Sc. Chemistry

Ph.D. Programme
Mathematics, Physics, Chemistry

Scan to Visit

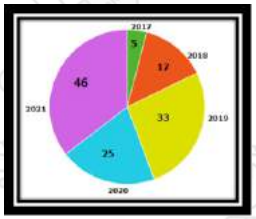
http://vitap.ac.in/school-of-advanced-sciences/

- Almost all faculties have PhD degree and some have postdoc from reputed National and International universities.

Research:

Research is at the heart of SAS's vision towards becoming an internationally recognized centre of knowledge and learning. The spectrum of research activities at SAS is extensive and distinct. Our faculty and scholars are keen not just to find technological solutions to problems but also to expand human knowledge and understanding. Currently, the school has near about 60 Research Scholars pursuing a Ph.D. degree. The faculty members have contributed to academic research publishing and have successfully published research papers in over 120 journals and book chapters. SAS encourages faculties for collaborative research with faculties from foreign universities and presents their findings on international platforms. The school has more than 25 registered faculties under the Research Grant in Engineering, Management, and Science (RGEMS), an initiative to motivate research that can lead to R&D projects. Undergraduate Research (URE) pursuits are encouraged by the school as well. In collaboration with the faculty, undergraduate students of engineering do active research, which leads to journal publications.

Academic Research: Scholars (55)
Publications (126)



Patents Published: 11
Ongoing Sponsored Projects (About 40 Lakh)

Organizing Committee:

Chief Patron
Dr. G. Viswanathan
Founder & Chancellor, VIT

Patrons
Shri. Sankar Viswanathan, Vice President, VIT
Dr. Sekar Viswanathan, Vice President, VIT
Shri. G. V. Selvam, Vice President, VIT

Co Patrons
Dr. S V Kota Reddy, Vice-Chancellor
Dr. C L V Sivakumar, Registrar

Organizers:
Dr Santanu Mandal (Coordinator)
Dr Lisna P C
Dr Tanuj Kumar
Dr Chandan Kumar Thakur
Dr Shalini
Dr Debajit Goswami
Dr Rajesh Chalsani
Dr Lakshmi Sowjanya Pali
Dr Paramasivam R
Dr Aswathy R K
Mrs V Nagamani
Mr Ravi Kumar Thota

School website :
https://vitap.ac.in/school-of-advanced-sciences/

Schedule:

9.15 AM: Inauguration

9.30 AM: **Energy & Environment-Towards Synergistic Co-existence**

By
Dr Nanduri V Satyanarayana
Professor, Chief Scientist and Head Energy & Environmental Engineering Hyderabad

11 AM: **Memristor Device for Neuromorphic Computing:**

By
Dr. Suryanarayana Jammalamadaka
Associate Professor
Department of Physics
Indian Institute of Technology Hyderabad

2 PM: **MATLAB for Open Science**

By
Dr L V Ravichandran, Math Works Pvt.Ltd.

Reach Us : Beside AP Secretariat,
Near Vijayawada, Andhra Pradesh - 522237, INDIA

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