

Format: P39012/1

## Report on “Career Opportunities on Space Technology”

<b>Organized by</b>	: Career Counselling Cell
<b>Name of the Speaker</b>	: Mr. Y. Shiva Prasad, ISRO Scientist (Retired)
<b>Topic</b>	: Space Technology
<b>Venue</b>	: Visveswaraya Bhavan Ground floor seminar hall
<b>Date &amp; Time</b>	: 12-10-2022 (10:00AM to 4:00PM)
<b>Conducted for</b>	: III B. Tech Students
<b>No of Students Attended</b>	: 518

Branch	Year	Semester	No of Students Attended
ECE	III	I	148
MECH	III	I	88
CSE	III	I	90
EEE	III	I	65
IT	III	I	74
CIVIL	III	I	53
<b>Total No of Students Attended</b>			<b>518</b>

### Profile of the Speaker



He was born on January 31, 1955 and he raised in one of our Godavari districts i.e., Kakinada in East Godavari district. He Graduated from Kerala University, Thiruvananthapuram in the branch of Mechanical Engineering in the year 1983. He started his career by joining VIKRAM SARABHAI SPACE CENTRE which is a major space research centre of ISRO. He contributed 30 years in ISRO as Mechanical engineer. He also been a part of many activities like Space raw materials, Mechanical testing activities, Ultra sounding testing activities. He got retired from his professional career in the year 2015. He received Dr.A.P.J ABDUL KALAM AWARD for his great services towards ISRO. After his retirement, he has been empowering many students about ISRO in space technologies. Yalla Siva Prasad garu first paid tributes to the great legend Sri VIKRAM SARABHAI, the person behind the establishment of ISRO. Talking about the dedication of Pandit Jawaharlal Nehru, the vision of the then is now bearing fruits. He also commended the support given by HOMI JAHANGEER BABA, The father of Atomic Energy of India. Throughout the length and breadth of his talk Sri Siva Prasad garu tried to recollect the great times he had at ISRO. He quizzed the students on various topics such as : The

site selection of satellite launch both at India level and Global level. Types of satellite: Orbits & their significance, Nature of satellites, Uses of satellite etc.,

### **Report**

Report in brief by Organizer / Coordinator / Convener:

The guest lecture on Space Technology by Mr. Y. Shiva Prasad on October 12, 2022, was a captivating and enlightening session that provided attendees with a comprehensive insight into the latest advancements and challenges in the field. Mr. Shiva Prasad, a seasoned professional with extensive experience in space technology, began by elucidating the historical context of space exploration, tracing its evolution from early satellites to contemporary missions. His presentation seamlessly blended technical details with real-world applications, making complex concepts accessible to both engineering students and enthusiasts. Mr. Shiva Prasad delved into cutting-edge developments, such as the utilization of artificial intelligence in satellite communication and the role of miniaturized satellites in modern space missions. He elucidated the collaborative efforts of international space agencies and private enterprises, emphasizing the global nature of space exploration. The lecture also addressed the environmental considerations of space activities and the growing importance of sustainable practices in the space industry.

The Q&A session that followed allowed attendees to engage directly with Mr. Shiva Prasad, facilitating a dynamic exchange of ideas. His responses showcased not only his technical expertise but also his passion for inspiring the next generation of space enthusiasts. Overall, the guest lecture was a resounding success, providing valuable insights into the rapidly evolving field of space technology and leaving attendees with a heightened appreciation for the complexities and possibilities within the realm of space exploration.

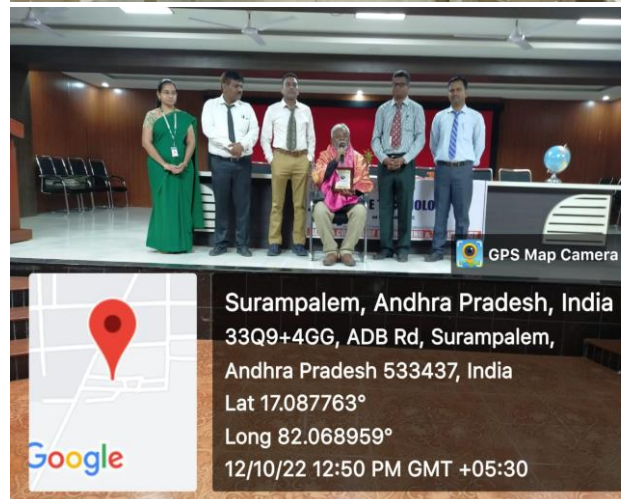
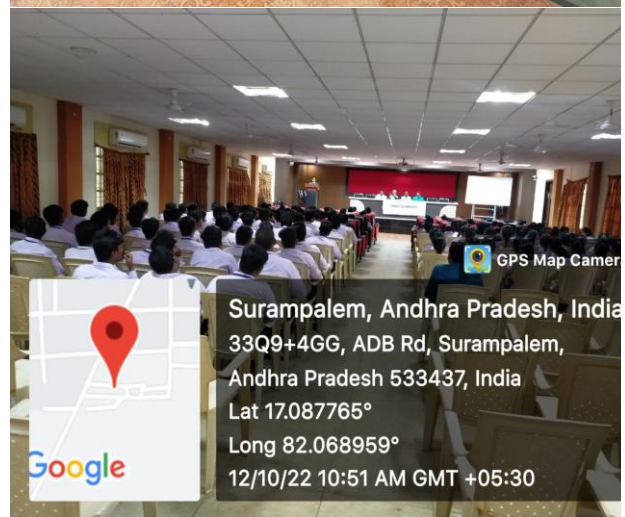
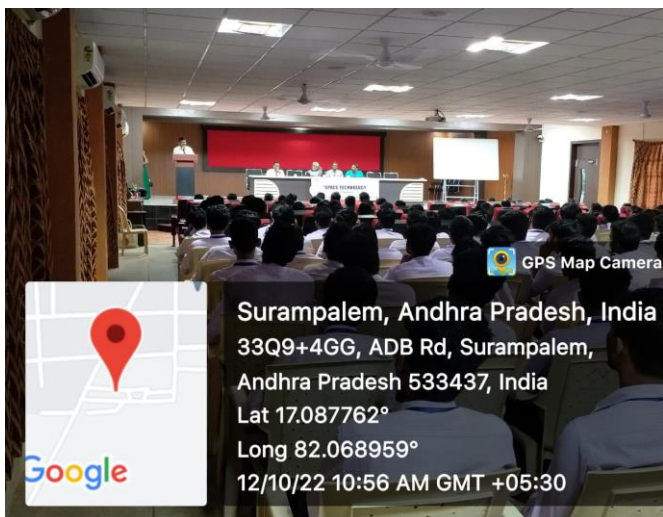
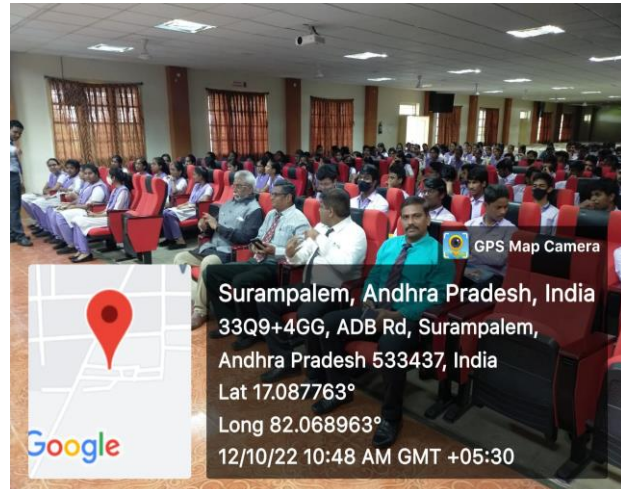
Feedback from students:

The guest lecture by Mr. Y. Shiva Prasad on Space Technology was an exceptionally enriching experience that broadened my understanding of the intricacies and advancements in the field. Mr. Prasad's comprehensive overview, starting from the historical context to the current state of space exploration, was both informative and engaging. His ability to distill complex concepts into accessible information made the lecture accessible to all attendees, regardless of their prior knowledge. The insights into the latest developments, such as the integration of artificial intelligence and the role of miniaturized satellites, were particularly fascinating. The lecture not only expanded my technical knowledge but also highlighted the global collaboration and sustainability aspects within the space industry. The Q&A session allowed for a direct interaction with Mr. Shiva Prasad, providing valuable perspectives and clarifications. Overall, this guest lecture has inspired me to delve deeper into the realm of space technology and consider its interdisciplinary applications. Students are grateful for the opportunity to have gained insights from an industry expert.

Remarks from Resource Person:

The students are really enthusiastic and very interested to know the facts about space technology and opportunities in this domain. He feel very happy interacting with such aspiring young minds gives me pleasure.

Photos:



Coordinator

Principal