हंसराज महाविद्यालय दिल्ली विश्वविद्यालय महात्मा हंसराज मार्ग. मलकागंज, दिल्ली-110007 दूरभाष: 011-27667458, 27667747

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#### NAAC ACCREDITED 'A++' GRADE COLLEGE

## 2. Seminar on "A Glimpse of Achievements Made by India in Space Activities"

Organizer: Pi Society: Students Council and all faculty member, Department of

Mathematics.

Date of the Event: October 16, 2023 **Duration/Event Timing: 3 Hour** 

Venue of the Event: Old Seminar Room, Hansraj College

Name of Coordinator(s):

Name of Convener: Dr. Om Prakash Meena, Department of Mathematics

Speaker: Prof. R.K. Sharma

### **Event Description:**

Keynote Address: The seminar commenced with a keynote address by Prof RK Sharma a prominent figure in India's space program, highlighted the significance of India's space endeavors and set the tone for the discussions.

Achievements in Satellite Technology: ISRO's Mars Orbiter Mission: The seminar emphasized India's successful launch of the Mars Orbiter Mission, making India the first Asian nation to reach the Martian orbit.

Chandrayaan Missions: The Chandrayaan-1 and Chandrayaan-2 missions, aimed at exploring the Moon, were discussed, highlighting India's contributions to lunar science.

NavIC Navigation System: The seminar elaborated on India's indigenous Navigation with Indian Constellation (NavIC) system, which enhances satellite-based navigation and

GSAT Series: The successful launches of the GSAT series of communication satellites were showcased, highlighting India's commitment to bolstering its space-based communication infrastructure.

### **Space Exploration and Research:**

**Space Exploration:** The seminar discussed India's plans for future space exploration, including missions to study asteroids and deep space.

Space Research: Emphasis was placed on India's contributions to space research, such as studying cosmic phenomena and conducting experiments in microgravity environments.

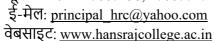
International Collaborations: India's collaborations with international space agencies and organizations were also highlighted, showcasing the country's commitment to global space exploration efforts.

Emerging Technologies: Speakers at the seminar discussed emerging technologies, such as reusable launch vehicles, space tourism, and satellite-based internet, which are poised to shape the future of India's space activities.

Challenges and Future Prospects: The challenges faced by India's space program, including funding and international competition, were acknowledged.

Conclusion: The seminar on "A Glimpse of Achievements Made by India in Space Activities" provided a comprehensive overview of India's remarkable achievements in space technology and exploration. It showcased India's progress, contributions, and aspirations in the field of space activities, making it an informative and inspiring event for all attendees. The seminar served as a reminder of India's growing significance in the global space arena and its potential for future achievements.

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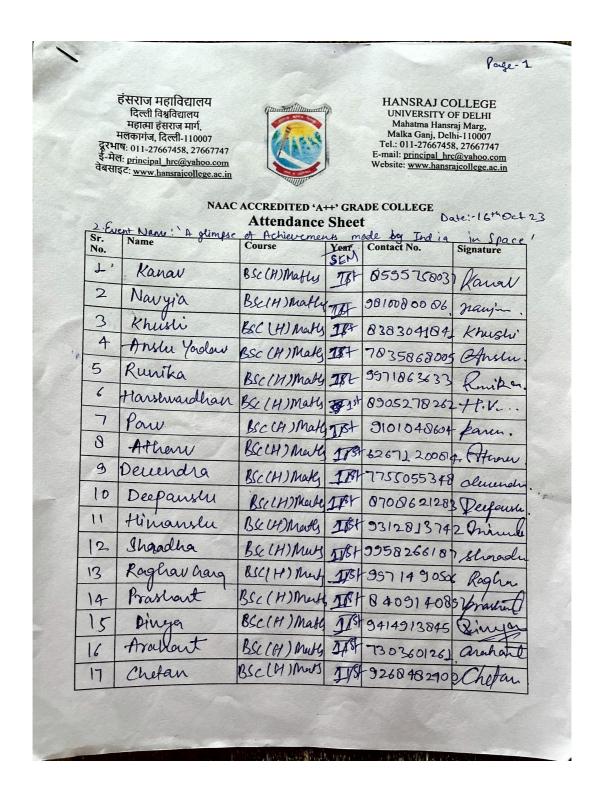
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#### **Attendance Sheet**



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# NAAC ACCREDITED 'A++' GRADE COLLEGE Attendance Sheet

Sr. No.	Name	Course	Year SEM	Contact No.	Signature
10	Deepanslu	BSc.(H) Mathy		87086621283	deeparelu
19	Anushka	BSc (4) Matty	ANSI	3310703337	Anustika
20	Nityoun	BSC(H) Math	TI.	8630689930	Mitygun
21	Saniya	BSc (4) Mate	P III	8178903197	
22	Kanak	BSC (H) Mate	y <u>ÍII</u>	995343424	1
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26	Harslika	BSC (H) Mally	III	8279779506	Harshitun
2)	Arpita	BS(4) Mady	III	9461695284	
28	Saiyam	BSC (4) Maty	田	80159 43036	/
29	Kunti	BSC (4) Marks	Ш	860295693	
30	Archana	BSC(H) Marte	III	8507002914	
31	Varun	BE(H) Mathy	III	853077912	Varin
32	Isha	BSc (4) Mostly	U	7735356991	
33	Pratima	BSE CON Morty	川	8521922553	1
34	Nishu	BSC/H) Mark	江	749604524	mirhu.