



KIRORI MAL COLLEGE

UNIVERSITY OF DELHI



INFINIT-III

KMC ROVER PROJECT

**KMC
ROBO
PHYSICISTS**

PROJECT PROPOSAL



We reach out to you on behalf of Kirori Mal College.

ABOUT THE COLLEGE:

Established in 1954, Kirori Mal College is a prestigious institution in the University of Delhi, known for excellence in science, theater, art, and music. Accredited A++ by NAAC and highly ranked nationally, we aim to inspire dialogue for societal growth.

ABOUT KIRORI MAL COLLEGE ROVER PROJECT:

Our rover project aims to create a versatile robot capable of navigating challenging terrains, equipped with advanced cameras and sensors for data collection. It can autonomously navigate, adapt to changing environments, and perform tasks efficiently. We're pushing the boundaries of robotics for space exploration, planetary research, and disaster response.

OUR ACHIEVEMENTS:

During the academic years from 2009 to 2016, our team achieved outstanding success in NASA competitions and beyond.

1. In 2009-2010, we were honored with the Best Initial Design and System Safety Award in NASA's Great MoonBuggy Race.
2. The year 2012 saw our project "AT-01" impressively secure 5th place in the Outreach project report and 15th overall out of 65 foreign teams in NASA's Lunabotics mining competition.
3. In 2013, "AT-02" excelled, securing the 11th position globally, and earning Second place in both the Outreach project report and Luna's Worldwide campaign.
4. In 2014, "MR-03" achieved 13th place overall in the URC and Third place in the Project Presentation category. Furthermore, our project "CLERTH" stood out among international teams in NASA's RASC-AL, as the only one chosen for their research paper.
5. In 2015, "MR-04" performed well, ranking 21st overall in the URC and earning Third place in Project Presentation.
6. In 2016, our scientifically designed project "INFINIT-I" was chosen based on rigorous internal competitive criteria.

Our most recent achievement includes successfully developing the Mars Rover, which received great appreciation during its showcase at the university's centenary celebration from esteemed guests, including Prime Minister Narendra Modi and Education Minister Dharmendra Pradhan, motivating us to strive for even greater accomplishments.

WHY PARTNER WITH US:

- **Educational Impact:** Your sponsorship will directly contribute to the educational and professional development of our students, preparing them for successful careers in STEM fields.
- **Innovation Hub:** Kirori Mal College has a proven track record of fostering innovation and creativity. Your support will enable us to continue pushing the boundaries of what is possible in rover technology.
- **Visibility:** As a sponsor, your brand will be prominently featured in our promotional materials, project updates, and media coverage, providing you with a unique opportunity to showcase your commitment to education and innovation.

JOIN US IN SHAPING THE FUTURE:

We believe that by working together, we can achieve remarkable feats and inspire countless individuals to pursue careers in STEM (Science, Technology, Engineering and Mathematics). Your support will not only help us achieve our project goals but also leave a lasting impact on the future of innovation and education.

By sponsoring our project, you can demonstrate your commitment to science, stewardship and inclusive holistic development.

PFA of the brochure for your kind perusal.

We reached out to you as we are actively seeking for sponsorship in form Monetary Funds, to enhance our model and preparing it for the **International competitions ARCh (Australian Rover Challenge), URC(University Rover Challenge, Utah,US)**

We sincerely await a prompt reply and request you to kindly revert with your personal contact or POC (point of contact) for further proceedings.

Deliverable exchange can be discussed over a voice call.

Regards,

Ravikant Varma

Project Chief

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