



UDAAN

Club Bulletin

Volume 3, August 2023



Rotary Club of Mulund Hills

#cmulundhills Mulund hills

RCMH MEMBERS



Rtn. Ajay Parikh



Rtn. Anjana Dharamshi



Rtn. Dr. Anoop Kumar Gupta



Rtn. Ashish Kanodia



Rtn. Dr. Ayushi Bothra



Rtn. Bhupesh Gupta



Rtn. Chander Kant Suri



Rtn. Chandrakant Parle



Rtn. Deepak Ramrakiani



Rtn. Dr. Dharendra Patil



Rtn. Dinesh Ajwani



Rtn. Disha Nagda



Rtn. Gopalji Jha



Rtn. Dr. Hareh Manglani



Rtn. Dr. Heena Baldota



Rtn. Harkishin Sharma



Rtn. Jayshree Bhagwat



Rtn. Kiran Shetty



Rtn. Kishor L. Shah



Rtn. K V Natarajan



Rtn. Lalasaheb Tambe



Rtn. Mayur R. Shah



Rtn. Narayan R. Sharma



Rtn. Pankaj Agarwal



Rtn. Dr. Paresh Thakkar



Rtn. Pradeep Savla



Rtn. Dr. Pratap Lilani



Rtn. Pravin Loke



Rtn. Dr. P.P. Radhakrishnan



Rtn. Rajendra K. Shah



Rtn. Rajnikant Parikh



Rtn. R.S. Budhiyal



Rtn. Ravindra Kumar Machhiya



Rtn. Sandeep Dikshit



Rtn. Sanjay Dwivedi



Rtn. Sharat Jain



Rtn. Satish Soni



Rtn. Satnam Srivastav



Rtn. Sejal Shah



Rtn. Shripal R. Daftary



Rtn. Swapan Sengupta



Rtn. T.S. Naresh



Rtn. Varsha Kolhatkar



Rtn. Vijay Narula



Rtn. Vijay Wadagbalkar



Rtn. Vinod Chaube



Rtn. Vinay Sachdeva



Rtn. Vivek Bhagwat



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2023-24

Rtn. Gordon R. McNally
RI President

Rtn. Arun Bhargava
Dist. Governor

Rtn. Chander Kant Suri
Club President

Rtn. Varsha Kolhatkar
Club Secretary

Rtn. Sharat Jain
Bulletin Editor

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www.rcmulundhills.rotaryindia.org



SECRETARIAL REPORT

Rtn Varsha Kolhatkar

PROGRAMMES OF AUGUST 2023

Date	Programme	Chief Guest	Topic	Host	No. of Participants						
					Rotarians	Chief Guest	Anns	Rotractors	Guests	Other Rotarians	Total
August 4, 2023	Club Meeting	Gemin Shah	Experience as DRR	-	20	1	3	-	-	-	24
August 11, 2023	Club Meeting	Rtn Dr Haresh Mangalani	Calcium Deficiency and Osteoporosis	-	17	1	2	-	-	-	20
August 18, 2023	Club Meeting	Dr Rachana Rai	Posture, Ergonomics	-	22	1	-	-	-	-	23
August 25, 2023	Club Meeting/ Family Meet	Rtn Sanjay Dwivedi/ Rtn Sejal Shah	Kavya Sandya	Sanjay Dwivedi	25	-	15	2	-	-	42

PROJECTS OF AUGUST 2023

Date	Project	Category	No. of Participants						
			Rotarians	Anns	Anns	Rotractors	Guests/ Visitors	Other Rotarians	Total
August 3, 2023	Installation of Rotaract President Janki Balsara	Club Activities	4	3	-	-	-	-	7
August 6, 2023	Day Picnic	Community Service	15	10	-	-	-	-	25
August 15, 2023	Independence Day Celebrations	Community Service	20	8	4	-	11	-	43
August 18, 2023	Rakhi Making Workshop at Shreenagar Vidyamandir	Community Service	4	-	-	-	-	-	4
August 26, 2023	District Picnic at Saya Grand Club and Spa Resort	Community Service	1	1	-	-	-	-	2
August 27, 2023	Artificial Intellengece Workshop	Community Service	17	-	-	-	-	-	17
August 28, 2023	Rakhi Making Workshop at Pandurang School & Omega School	Community Service	3	-	-	-	-	-	3
August 29, 2023	Donation of Water Cooler and Water Purified	Community Service	5	1	-	-	-	-	6

BOARD OF DIRECTORS MEETING

Date	Programme	Host	No. of Participants		
			Directors	Invitees	Total
August 16, 2023	2nd BOD	K V Natarajan	18	3	21

1947 to 2023 Important Milestones Post Independence



1947 Jawaharlal Nehru taking reigns of Nation from Viceroy Lord Mountbatten



1947 PM Jawaharlal Nehru delivering Independence Day speech



1947 Trains with bodies of Indians at the time of partition



1948 Mahatma Gandhi Assassinated



1948 Hockey team wins Gold for Independent India



1950 Constitution being adopted



1962 China captures Indian territories



1964 Jawaharlal Nehru dies



1965 Lalbahadur Shastri at Red Fort on Independence Day



1965 Indian forces capturing Pakistani Tanks



1966 Lalbahadur Shastri dies under mysterious circumstances at Tashkent



1969 Indira Gandhi announces Bank Nationalisation



1971 East Pakistan becomes Bangladesh



1972 Indira Gandhi delivering Independence Day speech

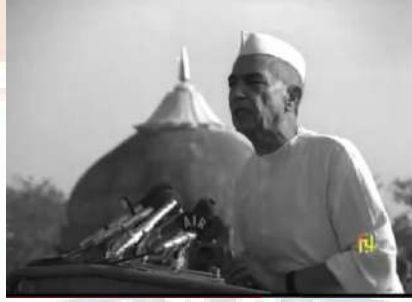


1975 Indira Gandhi declares Emergency

1947 to 2023 Important Milestones Post Independence



1977 Morarji Desai delivering Independence Day speech



1979 Chaudhary Charan Singh delivering Independence Day speech



1982 Asian Games



1983 Indian Cricket team with Lata Mangeshkar after winning World Cup



1984 Rakesh Sharma becomes first Indian to travel in space



1984 Operation Blue star at Amritsar



1984 Indira Gandhi Assassinated



1984 Bhopal Gas Leak



1985 Rajeev Gandhi delivering Independence Day speech



1990 V P Singh delivering Independence Day Speech



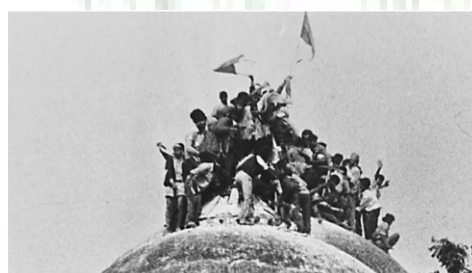
1991 Rajeev Gandhi killed by Suicide Bomber



1991 P V Narsimharao delivering Independence Day Speech



1992 Economic liberalisation under Narsimharao & Manmohan Singh



1992 Babri Masjid Demolished



1993 Bambay Serial Blasts

1947 to 2023 Important Milestones Post Independence



1996 H D Devegowda delivering Independence Day speech



1997 Inderkumar Gujaral delivering Independence Day speech



1998 Atal Bihari Vajpayee declaring Pokhran Nuclear Tests



1998 Atal Bihari Vajpayee delivering Independence Day speech



1999 Kargil War



1999 Indian Plane hijacked to Kandhaar



2000 Vishwanathan Anand becomes first Indian to become World Champion in Chess



2001 Bhuj Earthquake



2002 Godhra Train burnt followed by widespread riots



2004 Manmohan Singh delivering Independence Day speech



2007 India Wins First T20 World Cup



2008 Terrorists attack Mumbai



2008 Chandrayan 1 Launched



2008 Abhinav Bindra wins first individual gold at Olympics at China



2011 India Wins ODI Cricket World Cup after 28 years

1947 to 2023 Important Milestones Post Independence



2014 Narendra Modi taking oath as PM after leading his party to become only party to win majority in 30 years



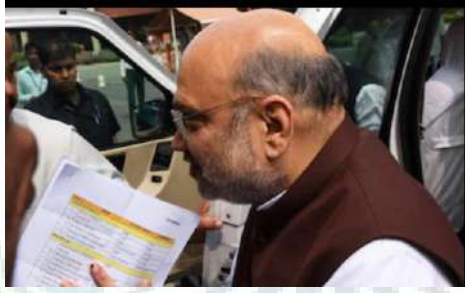
2014 Narendra Modi delivering Independence Day Speech



2014 India launches Mars Orbiter



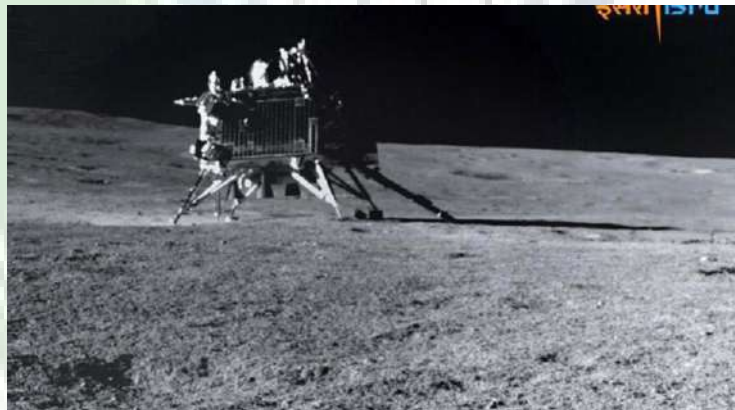
2016 Narendra Modi announces Demonetisation



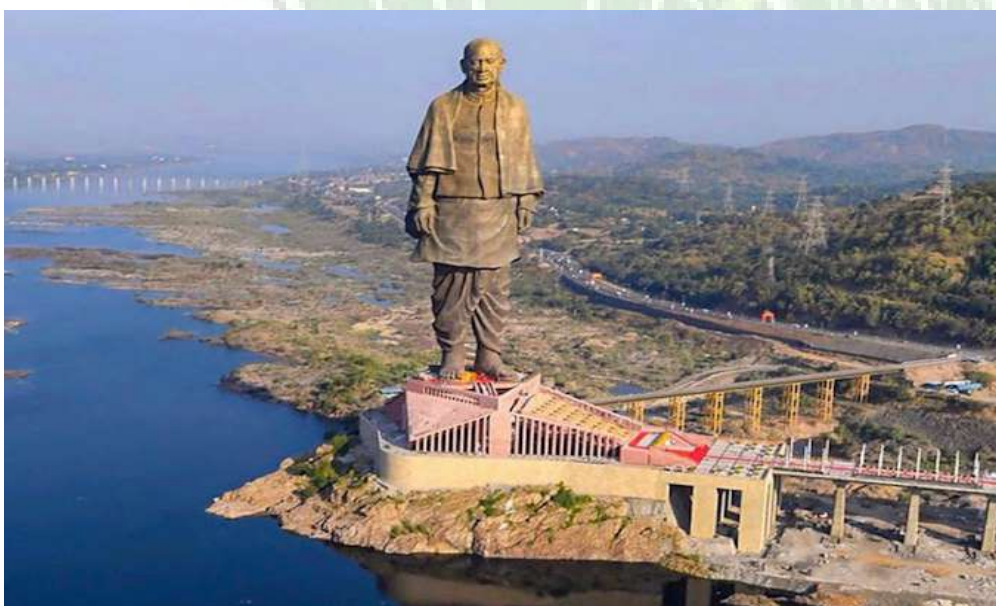
2019 Article 370 giving special status to Kashmir revoked



2022 India gets G20 Presidency



2023 Chandrayaan 3 successfully lands at South Pole of Moon





ROTARY CLUB PRESIDENT'S MESSAGE

Rtn Chander Kant Suri

Dear Rotarians,

As we step into the vibrant month of September, I am filled with a sense of optimism and enthusiasm for the opportunities that lie ahead.

In August 2023, we had fellowship projects like Club's One Day Rain Picnic and District's Monsoon Picnic. We also had Projects like Independence Day Celebrations at Pandurang School and Rakhi Making Workshops at Shreenagar Vidyamandir, Omega School & Pandurang School on different days.

Rtn Narayan Sharma's workshop on Artificial Intelligence was very interesting and was fully sold out. Rtn Harkishin Sharma donated a Water Cooler & Water Purifier, including 3 years AMC, at Omega School, also bearing the total cost of installation including civil work.

I once again thanks Rtn K V Natarajan and Rtn Sanjay Dwivedi for hosting the BOD and Family Meet respectively. Kavya Sandhya during Club cum family meet was very entertaining.

In the pages of this magazine, you'll find the details of our projects. These stories remind us of the impact we can make when we work together with a shared vision and a common purpose.

September signifies a time of transition – a shift from the warmth of summer to the crispness of autumn. Similarly, our club is also undergoing a transformation, embracing change and growth. Our shared commitment to service, fellowship, and making a positive impact on our community and beyond remains steadfast.

September in Rotary is the month of Education. We have planned some projects for the benefit of students.

As we look ahead to the coming months, we have exciting events and initiatives on the horizon. I encourage you to actively participate in our club meetings, attend our upcoming service projects, and consider bringing a friend or colleague into the Rotary family. Together, we can achieve even greater heights of service and impact.

Our club has a rich history of thinking outside the box, and I am confident that by tapping into our collective ingenuity, we can devise fresh approaches to address persistent challenges.

Thank you for being part of this remarkable journey. Together, we will continue to be a force for positive change in our community and the world.

मैं अकेला ही चला था जानिब-ए-मंज़िल मगर, लोग साथ आते गये और कारवाँ बनता गया !!

Regards
CKSuri
President 2023-24



EDITOR'S MESSAGE

Rtn Sharat Jain

Dear Readers,

August is Membership and Club Development Month, a time to focus on and appreciate members, celebrate their devotion to the club and impact they have made. It's also time to think about developing strategies around growing club's membership. We as a 36 year old club have enough experience to analyse why members have left the club. To retain members is one of the best membership development trait. We as a club must ensure that members are not only involved in projects and programmes but also remain happy. Social media presence of club, its activities and fellowship is necessary. Programmes and Projects which meet the interest of members must be identified and executed regularly. Needless to mention involvement of each member in clubs activities will not only help retain members but will also act as inspiration to outsiders who come into contact of club and its members.

15th August has just gone by when we celebrated our 77th Independence Day and this bulletin we are bringing out post Independence milestones from 1947 to 2023.

Last month we were witness to launch of Chandrayaan 3 and this month we are celebrating its successful landing on the surface of Moon. Young Rameshbabu Pragganandhaa has caught world's the imagination. Neeraj Chopra has once again brought the glory at World Athletics Championships. Elections are round the corner. All these are finding place in these pages.

Through the lens of members is a new column added this month. I request members to continue sending beautiful pictures. Down memory lane this time covers the years from 1989-90 to 1992-93. Other club activities, programmes and projects find their rightful place as normal.

My request, as earlier also, to all the Members and Anns to provide articles, photos and anecdotes for the bulletin, to suggest more ways to make the same more attractive and reader friendly, continues.

Happy reading and with regards.

Rtn Sharat Jain

THROUGH THE LENS OF MEMBERS



Rtn Anjana Dharamshi at Patel Stores, Virginia, USA showing Hem Agarbatti a product of Rtn Kishore Shah

Rtn Harkishin Sharma & Family at Lonawala & Shirdi



Rtn Rajendra Shah celebrating birthday of Ann Parul Shah at Matheran

Rtn Chandrakant Parle at Tadoba Near Nagpur



Rtn D L Patil & Rtn Paresh Thakkar at Gaganavda near Kolhapur

Rtn Ayushi Bothra clicked Sunset at Maldives

Rtn Sejal Shah at Haridwar & on way to Shirdi



Rtn Vinod Chaube at Golden Temple Amritsar



Rtn Ashish Kanodia clicked a view at Munnar



Rtn Disha Nagda at Taj Residency Aurangabad



Rtn Vinod Chaube at Wagha Border Parade



Rtn Vinod Chaube at Mussoorie



Rtn Vinod Chaube at Haridwar



Rtn Ravindra Machhiya at Ranthambhor



Dhol dancers of Sakharshet - Rtn Varsha Kolhatkar

PROJECTS OF THE MONTH



Installation of Rotaract Club of Mulund Hills President Janaki Balsara at Friends Academy, Mulund West, Mumbai 400080 on 3rd August 2023



One day Rain Picnic at Vita Farms on 6th August 2023



Independence Day Celebration at Pandurang Vidyalya, Mulund West on 15th August 2023

PROJECTS OF THE MONTH



Rakhi Making Workshop at Shreenagar Vidyamandir, Thane on 18th August 2023



District 3141 Monsoon Picnic at Saya Grand Club & Spa Resort on 26th August 2023



Artificial Intelligence Workshop by Rtn Narayan Sharma at Tikitar Industries Conference Hall on 27th August 2023



PROJECTS OF THE MONTH



Rakhi Making Workshop at Omega Primary & Cambridge High School, Khindipada and at Pandurang Vidyalaya, Mulund W, Mumbai on 28th August 2023



Water Cooler & Water Purifier installation at Omega Primary & Cambridge High School, Khindipada, Mulund W, Mumbai, courtesy Rtn Adv Harkishin Sharma in memory of his Late Father Shri Bhagwandas K Sharma on 29th August 2023

2ND BOARD OF DIRECTORS MEETING



2nd Board of Directors Meeting to discuss Club Projects and Programmes at Hotel Sitara, Mulund W, Mumbai on 16th August 2023

PROGRAMMES OF THE MONTH



Club Meeting, Speaker IPDRR Rotaractor Gemin Shah on His experience as DRR at Hotel Sitara, Mulund W, Mumbai on 4th August 2023



Club Meeting, Speaker Rtn Dr Haresh Manglani on Calcium Deficiency and Osteoporosis at Hotel Sitara, Mulund W, Mumbai on 11th August 2023

PROGRAMMES OF THE MONTH



Club Meeting, Speaker Rtn Dr Rachana Rai on Posture & Ergonomics at Hotel Sitara, Mulund W, Mumbai on 18th August 2023



Club Meeting Cum Family Meet , Kavya Sandhya by Ladies & Annet, at Hotel Sitara, Mulund W, Mumbai on 25th August 2023

DOWN MEMORY LANE



President
Ramesh Dumir
donating blood at
blood donation camp
organised by
RC of Mulund Hills
during the Rotary
Year 1989-1990

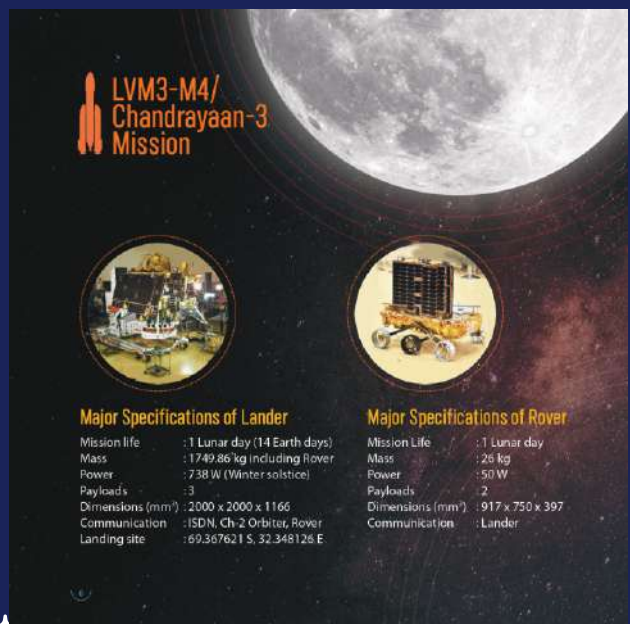
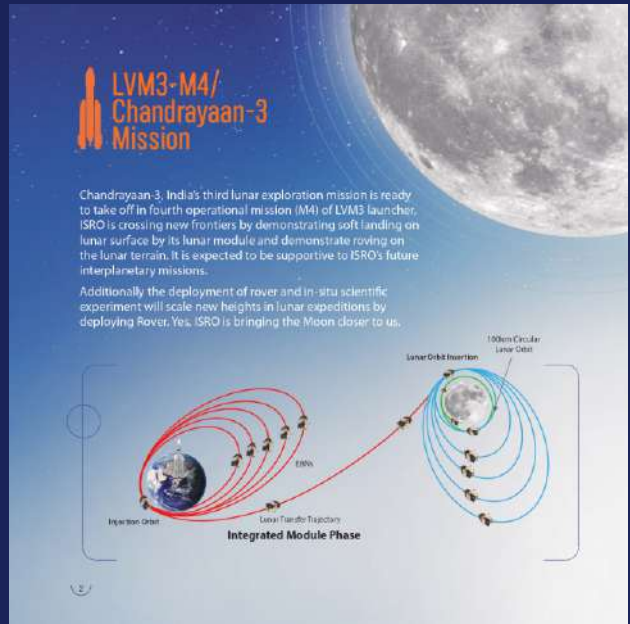
Free Polio Vaccination Camp
organised by
RC of Mulund Hills
during the Rotary
Year 1990-91 under
President
Late Rtn Ramesh Swaroop



President
Late Rtn Narinder Sood
during Rotary
Year 1991-92

President
Late Rtn Daniel Samuel
and
Secretary Rtn Vivek Bhagwat
at Duathlon event organised by
RC of Mulund Hills during
Rotary Year 1992-93







Lander Payloads



RAMBHA-LP
Langmuir Probe

To measure the near surface plasma (ions and electrons) density and its changes with time.



ChaSTE
Chandra's Surface Thermophysical Experiment

To carry out the measurements of thermal properties of lunar surface near polar region.



ILSA
Instrument for Lunar Seismic Activity

To measure seismicity around the landing site and delineating the structure of the lunar crust and mantle.



APXS
Alpha Particle X-Ray Spectrometer

To derive the chemical composition and infer mineralogical composition to further enhance our understanding of lunar surface.



LIBS
Laser Induced Breakdown Spectroscopy

To determine the elemental composition (Mg, Al, Si, K, Ca, Ti, Fe) of lunar soil and rocks around the lunar landing site.



SHAPE
Spectro-polarimetry of Habitable Planet Earth

An experimental payload to study the spectro-polarimetric signatures of the habitable planet Earth in the near-infrared (NIR) wavelength range (1-1.7 μm).

LVM3-M4/ Chandrayaan-3 Mission

LVM3 is the operational heavy lift launch vehicle of ISRO and has a spectacular pedigree of completing 6 consecutive successful missions. This is the 4th operational flight of LVM3, aims to launch the Chandrayaan-3 spacecraft to Geo Transfer Orbit (GTO).

LVM3 has proved its versatility to undertake most complex missions like:

- Injecting multi-satellites
- Mission planning to ensure safe relative distance among separated satellites through re-orientation and velocity addition maneuvers.
- Multi-orbit (LEO, MEO, GEO) and execute inter-planetary missions.
- India's largest and heaviest launch vehicle ferrying Indian and international customer satellites.

LVM3-M4 will be launched from the Second Launch Pad (SLP), SDSC, SHAR.



Vehicle Configuration: (S200-L110-C25-PLF)

Payload Mass: 3895 kg

LVM3-M4 Vehicle Characteristics

Height	43.5 m
Lift-off Mass	642 t
Propulsion Stages	
Strap-on Motors	2 x S200 (Solid)
Core Stage	L110 (Liquid)
Upper Stage	C25 (Cryo)
Payload Fairing	5 m OPLF

Payload Accommodation




LVM3-M4 Mission Specifications

GTO Apogee	36500 ± 500 km
GTO Perigee	170 ± 3.5 km
Inclination	21.3°
Argument of Perigee	178 ± 0.2°
Launch Pad	SLP
Launch Azimuth	107°

LVM3-M4 Stages at a Glance

Stages	Strap-Ons (2 x S200)	Core Stage (L110)	Upper Stage (C25)
Length (m)	26.22	21.4	13.5
Diameter (m)	3.2	4.0	4.0
Propellant Type	Solid (HTPB)	Liquid (UH25 + N ₂ O ₄)	Cryo (LH ₂ & LOX)
Propellant Mass (t)	204.5 (each)	115.8	28.6

Nominal Flight Sequence



Event	Flight Time (s)	Altitude (km)	Inertial Velocity (km/s)
2xS200 Ignition	0.00	0.024	0.452
L110 Ignition	108.10	44.668	1.788
2xS200 Separation	127.00	62.171	1.969
PLF Separation	194.96	114.805	2.560
L110 Separation	305.56	175.352	4.623
C25 Ignition	307.96	176.573	4.621
C25 Shut-off	954.42	174.695	10.242
Satellite Separation	969.42	179.192	10.269



Labels: Payload Fairing, Chandrayaan-3 Spacecraft, C25 Cryogenic Stage, L110 Liquid Stage, S200 Solid Rocket Boosters.

LVM3-M4 Vehicle

Integration Activities of LVM3-M4



Capacity Building and Public Outreach (CBRO)

Indian Space Research Organisation
Department of Space, Government of India
Antarvedi Bhawan, New BEL Road, Bengaluru 560095, India
Telephone: +91 80 22172119

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Happy Birthday

DATE

NAME

1st Sept	Rtn Disha Nagda
1st Sept	Ann. Sudha Gopalji Jha
7th Sept	Rtn.Vijay Wadagbalkar
12th Sept	Annet. Shweta R.S Budhyal
13th Sept	Rtn. Dr. Dharendra L. Patil
18th Sept	Ann. Shaila Chandrakant Parle
18th Sept	Ann. Dr Namrata Manglani
20th Sept	Annet. Nikunj Satish Soni
21st Sept	Ann. Kunjal Kishore Shah
22nd Sept	Rtn. Sejal Chirag Shah
24th Sept	Ann. Preeti Harkishin Sharma
24th Sept	Annet. Foram Jitendra Parikh
24th Sept	Annet. Jhanvi Satnam Shrivastava
25th Sept	Annet. Jay PareshThakker
25th Sept	Ann Neelu Ramrakhiani
29th Sept	Ann. Dr. Asha Dharendra Patil
29th Sept	Annet. Rounak Ashish Kanodia

HAPPY Anniversary

DATE

NAME

6th Sept	Ann. Nandini & Rtn.P.P. Radhakrishnan
7th Sept	Ann Uma & Rtn K V Natarajan
18th Sept	Ann. Suman & Rtn. Vinay Sachdeva



PROGRAMMES IN SEPTEMBER 2023

DATE	PROGRAMME	SPEAKER	TOPIC
Sep 1, 2023	Club Meeting	Rtn Parvin Loke	Cyber Attacks and Few Ways of Protection
Sep 8, 2023	Club Meeting	Prakash Parle	Transport Industry
Sep 15, 2023	Club Meeting	Vijay Srivastava	Experience of a Railway Motorman
Sep 22, 2023	Club Meeting	-	Drone
Sep 29, 2023	Family Meet	Devashri Rasal	Skit To identify Mental Issue

PROJECTS IN SEPTEMBER 2023

DATE	PROJECTS	REMARKS/PLACE
Sep 6, 2023	Sukh Shanti Ashram (Happy Box)	Distribution of Grocery and other items
Sep 12, 2023	Ganpati Idol Making	Pandurang Vidyalaya Mulund W
Sep 16, 2023	RYLA (RotaryYouthLeadershipAward)	At RADAV College, Bhandup
-	Dental Checkup Camp	Yet to be decided
-	Paediatric Surgeries	Underway



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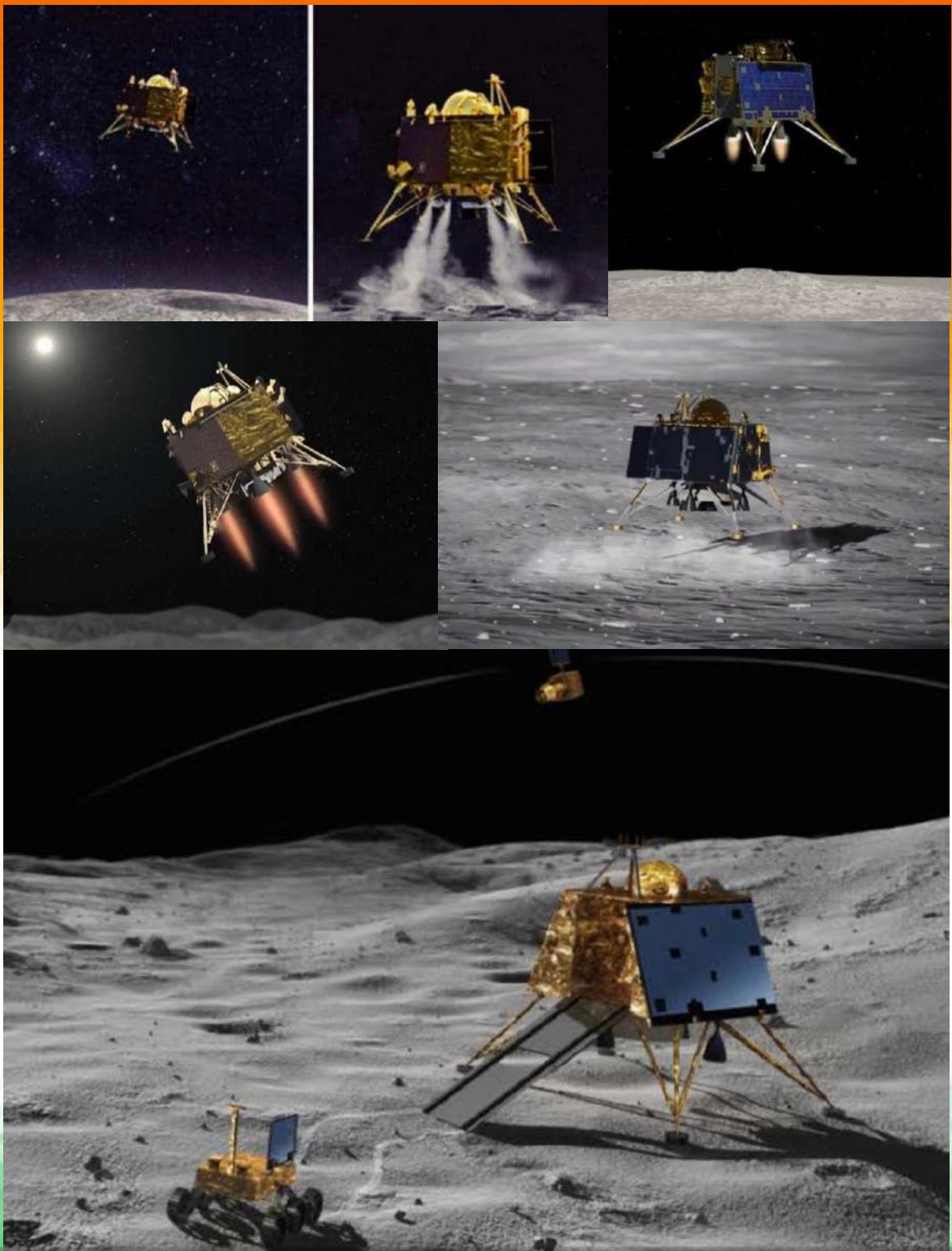
A to Z
of
Investment



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