

WHAT'S NEW?



Europe launches two satellites

Europe has launched two Earth-observation satellites aboard a Vega-C rocket from Kourou, French Guiana. Sentinel-3C, the latest Copernicus spacecraft, will monitor Earth, while FLEX, short for Fluorescence Explorer will study vegetation and photosynthesis. Both satellites reached their planned orbits after liftoff on September 15.



Venus may have swallowed its moon

New UC Riverside research by astrophysicist Stephen Kane suggests Venus may have once had a moon — but swallowed it. The planet's gravity, combined with its spin rate, could have pulled the moon back onto its surface without a collision. The study was published in *The Astrophysical Journal*.

Monkeyflowers evolve salt defence

Coastal monkeyflowers have evolved to absorb less salt and tolerate salt spray better than inland plants, Michigan State University researchers found.

DIAMONDS are supposed to be flawless. But when it comes to quantum computing, a little imperfection can actually be a good thing. As Galileo once said, "the universe is a grand book open before us". And sometimes, there is more to a beautiful crystal than meets the eye — a tiny defect can be turned into a tool for processing quantum information.

Quantum computing uses qubits, unlike conventional computers, which use bits that are either on or off. Qubits can exist in superpositions, allowing quantum systems to process information in ways classical computers cannot.

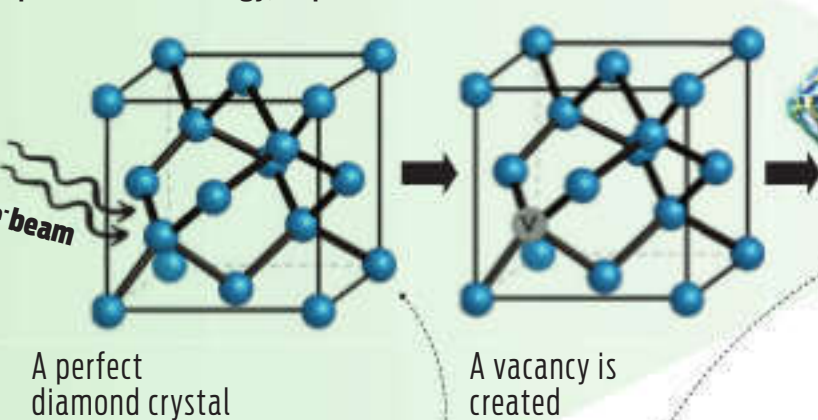
Several physical systems are being studied for building qubits, including superconducting circuits, trapped ions, semiconductor devices and defects in diamond. One particularly interesting approach uses nitrogen-vacancy (NV) centres.

Diamond is made entirely of carbon atoms, each bonded to four neighbours in a tetrahedral structure. An NV centre is a tiny defect created when one carbon atom is replaced by nitrogen and an adjacent position is left empty. This vacancy, together with the nitrogen atom, forms the nitrogen-vacancy centre. The negatively charged NV-minus form is particularly useful for quantum technologies.

Its most important feature is its electron spin, a fundamental quantum property that can store information. Although an NV centre has several pos-

THE DIAMOND THAT COMPUTES

Diamonds are known for their purity, but in quantum technology, imperfections can be useful



■ A nitrogen-vacancy (NV) centre is created when a carbon atom in the diamond lattice is replaced by a nitrogen atom, leaving an adjacent empty site called a vacancy

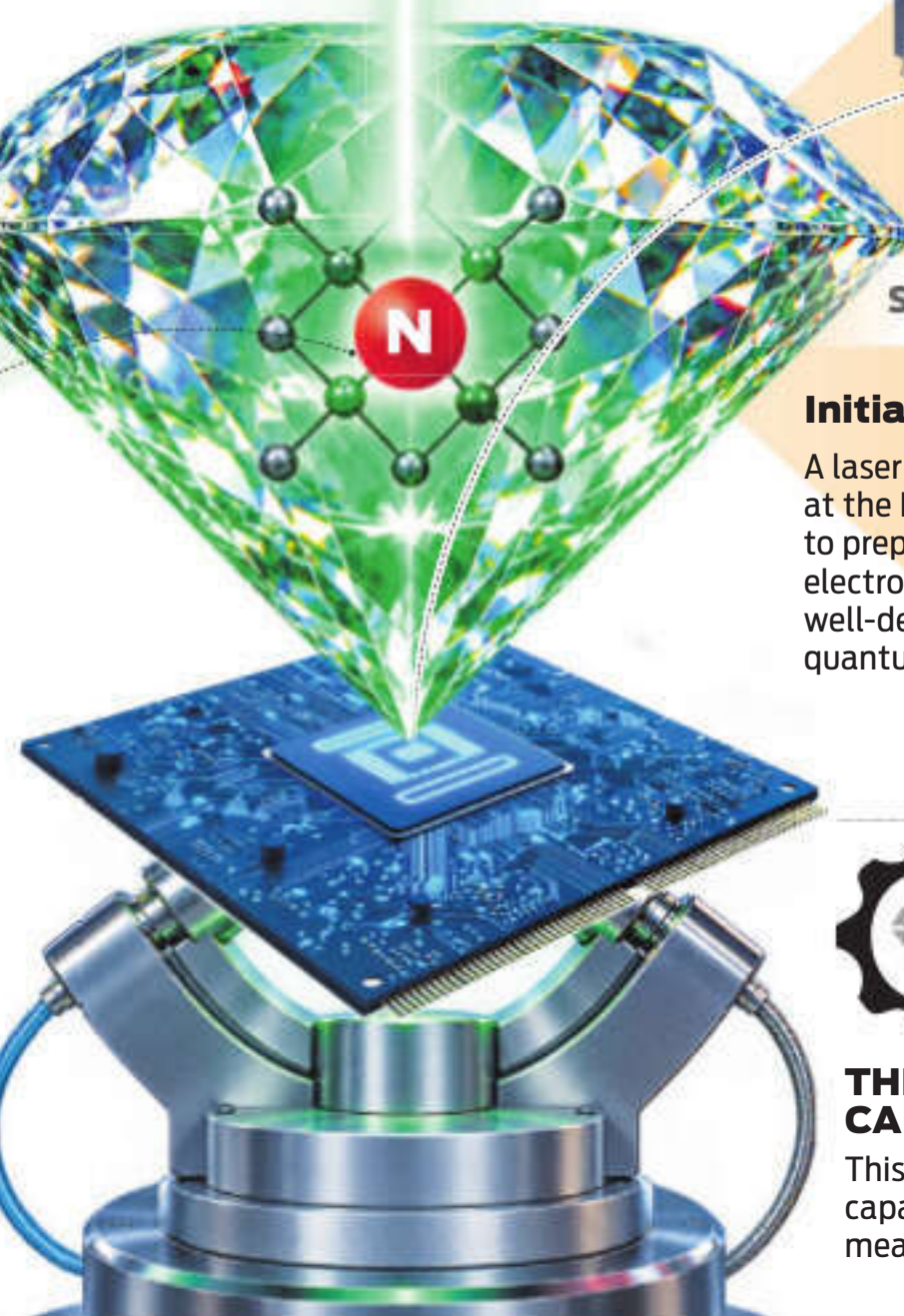
■ The negatively charged NV centre has an electron spin that can be used to store quantum information. Two of its spin states can be selected to represent the two states of a qubit

Quantum computing uses qubits, unlike conventional computers. Qubits can exist in superpositions.

A flaw with a quantum twist



(This piece is written by Dr MS Ramkarthik, a theoretical physicist at VNIIT Nagpur whose work has focused on quantum computing for over a decade)



Initialisation
A laser is directed at the NV centre to prepare its electron spin in a well-defined quantum state

Manipulation
Microwave pulses interact with NV centre's electron spin, allowing its state to be controlled and quantum superpositions to be created

Readout
The NV centre emits fluorescence when illuminated by a laser



THREE ESSENTIAL CAPABILITIES

This gives researchers three essential capabilities: prepare, control and measure a qubit

The intensity of the fluorescence depends on the spin state, allowing the quantum state to be measured optically



GUT TWINNING

A membrane that recreates the intestine

SOUTH Korean researchers from Pohang University of Science & Technology (POSTECH) have developed a new cell culture membrane that recreates not only the tissue-specific components of the intestine but also its soft physical environment.

This new development provides cells with an environment that more closely resembles the intestine and does away with conventional culture platforms made of synthetic materials which are far stiffer than original intestinal tissues. Synthetic materials fail to fully reproduce the tissue-specific extracellular matrix (ECM), and while the cells may represent the intestine, the environment in which they grow does not. The researchers integrated both biochemical signals and physical cues into a single culture membrane.

Science is a world in itself. Here are some interesting facts that connect with you

Nirad Mudur

CITY UNION BANK LIMITED
CREDIT RECOVERY AND MANAGEMENT DEPARTMENT,
Administrative Office, No. 24-B, Gandhi Nagar, KUNGIKUNNAM - 612 001.
E-Mail: idr_crm@cityunionbank.in, Ph: 0435-2432322, Fax: 0435-2431746

JEWEL LOAN AUCTION NOTICE

It is hereby informed that the under-mentioned borrowers have availed Jewel Loan in our Branch, the details of which are furnished below, the said accounts are overdue, notices have been served to these persons demanding the closure of the accounts. Despite our reminders, the following Jewel Loan accounts have not been closed and the pledged jewels have not been redeemed. Hence, it is hereby informed that the said borrowers are advised to close the said accounts immediately, failing which, the jewels pledged to the bank as security for the respective loan accounts will be auctioned in public by the branch at its premises on **28.09.2026 (Monday) at 1.00 p.m** or some other dated which is convenient to the bank without giving further notice regarding date of auction, to collect the entire amount including the interest to be charged in the account, along with expenses, if any, in connection with postages, paper publication & other misc. expenses.

It is further informed that this notice is also applicable for the legal heirs of the borrower in case the borrower is deceased. Also it is applicable for those borrowers who have not received the notice of reminders till date, for closure of the overdue accounts. In case, any surplus amount available from the sale proceeds of the auction conducted would be adjusted to other dues if any to the bank by the borrower or by the guarantor. On the other hand, in case of any shortage of amount to close the Jewel Loan account due to decrease in sale value of jewels or some other reasons, appropriate legal action would be initiated against the borrower and/or guarantor for the recovery of the loan amounts.

In case of any part payment made in the account after this notice is served and still it is not closed, the bank reserve the right to auction such jewels also.

It is informed that the Bank has the absolute right to cancel/postpone the date of auction without any prior notice and that the Bank has the right to refrain from auctioning of certain jewels of J.L accounts.

The reserve price and rate per gram shall be fixed in accordance with the prevailing market rate on the date of Auction.

S No	Jewel Loan No	Opening Date	Name and Address of the Borrower	Weight of Jewels in Grams (GW)	Jewel Description	KDM/ NON KDM	Branch Name and Address
1	5021120620 43013	13-05-2025	Ramya Heema Kumar, 31, Kannayiram Street, Arakkottai Medu, Chinnai-600126, Manali Chennai	86.5	DOLLOR CHAIN-1 NECKLACE-1	NON KDM	Manali Branch, No. 28/97, Padasalai Street, Manali, Chennai, Tamil Nadu - 600068.

Place: Manali, Date: 16-09-2026

Note: 1. The bidders should bring their PAN details and ensure KYC compliance as per RBI
2. The successful bidder has to pay the bid amount immediately, otherwise, their EMD will be forfeited.

CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD
No.1, Pumping Station Road, Chintadripet, Chennai 600 002.

ADVERTISEMENT

Invites online application from Graduate in Engineering (Civil / Mech / EEE) and Diploma in Engineering (Civil / EEE) passed during the year 2022, 2023, 2024, 2025 & May 2026 hailing from TamilNadu for Apprenticeship Training in Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB), Chennai. Notification will be available from 17.09.2026 <https://nats.education.gov.in/boat-srp.php> Student can enroll and apply through portal <https://nats.education.gov.in> Last date for applying through portal on 17.10.2026.

DIPR / 807/ Display / 2026

MANAGING DIRECTOR

CENTRAL MINE PLANNING & DESIGN INSTITUTE LIMITED
(A Subsidiary of Coal India Ltd.)
Gondwana Place, Kanke Road, Ranchi-834 008, Jharkhand, INDIA

NOTICE

"All the tenders issued by CIL and its Subsidiaries for procurement of Goods, Works and Services are available on websites of Coal India Ltd. www.coalindia.in/respective Subsidiary Company (CMPDI), www.cmpdi.co.in, CIL e-procurement portal <https://coalindiatenders.nic.in> and Central Public Procurement Portal <https://eprocure.gov.in> In addition, procurement is also done through GeM portal <https://gem.gov.in/>."

BEFORE THE DEBT RECOVERY TRIBUNAL III, AT CHENNAI
O.A. No. 1208 of 2025

M/s. ICICI Bank Ltd.,
No. 1, Cenotaph Road,
Rathna Nagar, Teynampet,
Chennai- 600 018 ...Applicant
Versus
Harish M
S/o. Masilamani,
Old No. 6/2, New No. 15,
Puzhal Munusamy Street,
MH Road, Perambur, Chennai-
600 011. ...Defendant

In the above-mentioned matter the Hon'ble Debt Recovery Tribunal- III at Chennai has ordered Notice to the Defendant by way of publication returnable on 30/11/2026.

You are hereby requested to enter your appearance in either in person or through advocate before the said Tribunal on 30/11/2026 at 11:30 am and state your objection if any failing which the above Application will be heard in your absence and suitable orders passed.

Kvd. DEEPAK RAJ
COUNSEL FOR
THE APPLICANT BANK

बैंक ऑफ बड़ोदा
Bank of Baroda

RAJAKILPAKKAM BRANCH
Plot No.6, VGP Srinivasa Nagar, Madambakkam Main Road, Rajakilpakkam, Chennai – 600 073. Phone: 044-2228440/41
E-mail: RAJAKI@bankofbaroda.bank.in

SALE NOTICE FOR SALE OF IMMOVABLE PROPERTIES
"APPENDIX- IV A (See proviso to Rule 6 (2) & 9 (6))"

E-Auction Sale Notice for Sale of Immovable Assets under the Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 read with proviso to Rule 6 (2) & (6) of the Security Interest (Enforcement) Rules, 2002.

Notice is hereby given to the public in general and in particular to the Borrower (s), Mortgagor (s) and Guarantor (s) that the below described immovable property mortgaged/charged to the Secured Creditor, possession of which has been taken by the Authorised Officer of Bank of Baroda, Secured Creditor, will be sold on "As is where is", "As is what is", and "Whatever there is" basis for recovery of dues in below mentioned accounts. The details of Borrowers/Mortgagor/Guarantor/ Secured Assets/ Dues/Reserve Price/Auction date & Time, EMD and Bid Increase Amount are mentioned below:-

Name & address of Borrower/s/ Guarantor/ Mortgagors:
Borrower-1: Mr.S.Mayil, S/o Mr Sengeni, Residing at : No.259/226, New Colony, Thimmalai-606206, Kallakurichi Taluk, District: Kallakurichi, Pin No. -606206. **Borrower-2:** Ms.C.Manopriya, D/o Mr. Chinnapaliyan, Residing at -Door No.236/058, 5th Street, New Colony, Thimmalai, Kallakurichi Taluk, District: Kallakurichi, Pin No-606206. **Total dues:** Rs.22,93,575.51/- as on 07-09-2026 plus unpaid interest from 08-09-2026 plus other charges & legal expenses.

Detailed description of the immovable property with known encumbrances, if any:
Property: All that piece and parcel of vacant house site situated at Kumili Madura Mettupalayam Village "HILLSIDE AURO NAGAR" (The president / Block Development Officer Na.Ka.No.8 (135)/2019/Ku, dated 15.03.2019), Comprised in Survey No. 196/5, Patta No.4084, as per Patta New Survey No.196/5C, bearing Plot No.37A, measuring an extent of 754 Sq.ft., Vandalur Taluk, Chengalpattu District. AND bounded on the North by: Plot No. 37B, South by: Plot No.36, West by: 23Feet Road, East by: Plot No.38A, Linear measurements: Northern Side: 30Feet, Southern Side: 30 Feet, Eastern Side: 24 Feet 9 inches, Western Side: 26Feet 6 inches Feet, In all measuring 754 Sq.ft., Together With a Residential Building Thereon And lying within limits of Kumili Village Panchayat, Kattankolathur Panchayat Union and in the registration Sub-District of Tirupurur and in the Registration District of Chengalpet.

Reserve Price: Rs.14,90,000/- EMD Price : Rs.1,40,900/- Bid Increase Amount : Rs.25,000/-

Date & Time of E-Auction 12-10-2026 at 2.00 PM to 6.00 PM

Property Inspection Date & Time 06-10-2026 at 3:00 P.M to 05:00 P.M

For detailed terms and conditions of sale, please refer to the link provided in <https://www.bankofbaroda.in/e-auction.htm> and online Auction portal <https://baanknet.com>. Also, prospective bidders may contact the authorized officer on Tel No. 044-22282441/22282440, Mob: 9940596523

Date : 07.09.2026 Place: Chennai

Authorised Officer
Bank of Baroda

UTTAR PRADESH STATE INSTITUTE OF FORENSIC SCIENCE, LUCKNOW
Aurawan, Daroga Kheda, P.O. Banthra, Lucknow -226401
(EXPRESSION OF INTEREST)

UPSIFS, Lucknow (Established in 2021) functioning under the aegis of the Home Department, Govt. of U.P. & affiliated with the National Forensic Science University, Gandhinagar, Gujarat. UPSIFS, Lucknow is inviting Expression of Interest (EOI) for Engagement of Digital Media Professionals in the institute. The details of EOI are available on institute website www.upsifs.ac.in. The last date for application is 25.09.2026.

Sd/- Assistant Registrar, (Academic)
UPSIFS, Lucknow

RO No: 256336 RO Date: 15/09/2026
Website: www.upgov.nic.in

IDFC FIRST Bank Limited
(erstwhile Capital First Limited, amalgamated with IDFC Bank Limited and presently known as IDFC First Bank Limited)
CN : L6510T2014PLC097792
Registered Office : KRM Towers, 8th Floor, Harrington Road, Chetpet, Chennai-600031.
Tel : +91 44 4564 4000 | Fax: +91 44 4564 4022

NOTICE UNDER SECTION 13 (2) OF THE SECURITIZATION AND RECONSTRUCTION OF FINANCIAL ASSETS AND ENFORCEMENT OF SECURITY INTEREST ACT, 2002

The following borrowers and co-borrowers availed the below mentioned secured loans from IDFC FIRST Bank Limited (erstwhile Capital First Limited, amalgamated with IDFC Bank Limited and presently known as IDFC First Bank Limited) The loans of the below-mentioned borrowers and co-borrowers have been secured by the mortgage of their respective properties. As they have failed to adhere to the terms and conditions of the respective loan agreements and had become irregular, their loan was classified as NPA as per the RBI guidelines. Amounts due by them to IDFC FIRST Bank Limited (erstwhile Capital First Limited, amalgamated with IDFC Bank Limited and presently known as IDFC First Bank Limited) are mentioned as per respective notices issued more particularly described in the following table and further interest on the said amounts shall also be applicable and the same will be charged as per contractual rate with effect from their respective dates.

Sr No	Loan Account No.	Type of Loan	Name of Borrowers and Co-Borrowers	Section 13 (2) Notice Date	Outstanding amount as per Section 13 (2) Notice
1	28542007	Loan Against Property	1. Raja P 2. Ramana Business Solutions Private Limited 3. Sarasa R	26.08.2026	INR 36,62,326.05/-

Property Address : All That Piece and Parcel Of Land And Building, Comprised In Gramanatham S.No. 308, As Per New Patta New T.s. No. 24/2, Block No. 52, Measuring With An Extent Of 1902 Sq. Feet, Situated At Pallikuda 3rd Cross Street, Thandurai Village, Avadi Taluk, Thiruvallur District, Tamil Nadu-600072, And Being Bounded On The: East: Pallikuda 3rd Cross Street, West: Vacant Land Belongs Tothangadurai, North: Nagamma Koli Street, South: Remaining And Belongs To Durairaj, Measuring: East To West On Northern Side: 38 Feet, East To West On Southern Side: 35½ Feet, North To South On Eastern Side: 52½ Feet, North To South On Western Side: 51 Feet
Situating In The Sub-registration District Of Avadi And In The Registration District Of South Chennai.

You are hereby called upon to pay the amounts to IDFC FIRST Bank Limited (erstwhile Capital First Limited, amalgamated with IDFC Bank Limited and presently known as IDFC First Bank Limited) as per the details shown in the above table with contracted rate of interest thereupon from their respective dates and other costs, charges etc., within 60 days from the date of this publication, failing which the undersigned shall be constrained to initiate proceedings, under Section 13 (4) and section 14 of the SARFAESI Act, against the mortgaged properties mentioned hereinabove to realize the amount due to IDFC FIRST Bank Limited (erstwhile Capital First Limited, amalgamated with IDFC Bank Limited and presently known as IDFC First Bank Limited). Further you are prohibited under Section 13 (13) of the said Act from transferring the said secured assets either by way of sale/lease or otherwise.

Sd/- Authorized Officer
IDFC First Bank Limited

Date : 16.09.2026 (erstwhile Capital First Limited, amalgamated with IDFC Bank Limited and presently known as IDFC First Bank Limited)
Place : Chennai, Tamil Nadu

THE RAJASTHAN SMALL INDUSTRIES CORPORATION LTD.
(A Government of Rajasthan Undertaking) Udyog Bhawan, Tilak Marg, C-Scheme, Jaipur-302005, Phone: 0141-2227079 Fax: 0141-2227257

Expression of Interest Notice 26/2026-27

Expressions of Interest (EOI) for leasing out vacant premises on 5th to 7th Floor lying at Rajasthali Mall, M.I.Road, Jaipur on monthly rental basis and "as is where is basis". Bids are invited from reputed cafe/hotels/Boutique/Textile Seller/Crafts Seller/any other firms/Corporates with financial and technical strength with suitable use of the premises for 7 years. Last Date of submission of bids is 15.10.2026 The bids will be opened on 15.10.2026 at 3 PM.

Tender Document and details can be downloaded from eproc.rajasthan.gov.in, sppp.rajasthan.gov.in or our official website: industries.rajasthan.gov.in. Bids will be submitted online on eproc.rajasthan.gov.in.

UBN: RS126275LO800025
Raj.Samwad/C/26/10588

Managing Director

यूनियन बैंक
Union Bank of India

E-AUCTION SALE NOTICE FOR SALE OF IMMOVABLE PROPERTIES
No.168, Second floor, Linghi chetty street, Paryys Corner, Chennai-600001. Ph: 91375 54740
Email: ubin0554740@unionbankofindia.bank.in

ASSET RECOVERY BRANCH

E-Auction Sale Notice for Sale of Immovable Assets under the Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 read with proviso to Rule 8 & 9 of the Security Interest (Enforcement) Rules, 2002.

Notice is hereby given to the public in general and in particular to the Borrower(s) and Guarantor (s) that the below described immovable properties mortgaged / charged to the Secured Creditor, the constructive possession of which has been taken by the Authorized Officer of Union Bank of India (secured creditor), will be sold on "As is where is", "As is what is" and "Whatever there is" on the date mentioned below, for recovery of dues as mentioned hereunder to Union Bank of India from the below mentioned Borrower(s) & Guarantor(s).

The Reserve Price and the Earnest Money Deposit are also mentioned hereunder:

Name of the Borrower & Guarantor(s): 1) Mr.M.Shabeer Ahmed S/o. Abdul Malick, 2) Mrs.Asmath. W/o. M.Shabeer Ahmed, 3) Mr. Sadik. S S/o. Shabeer Ahmed, All are residing at: No.22/96, Gandhi Nagar Main Road, Virugambakkam, Chennai-600093.

Amount due: Rs. 47,12,311.51/- as on 30-06-2026 plus interest plus costs and expenses

DESCRIPTION OF IMMOVABLE PROPERTY: SCHEDULE A: All that piece and parcel of land bearing Plot No.3, measuring an extent of 2140 Sq feet or 198.82 Sq.mt comprised in Survey No 145/2 at previous Door No 4/20, Present Door No.3, Rathna Nagar, Vanagaram, Chennai-600095 situated at Vanagaram Village, previously Saidapet Taluk, at presently Ambattur Taluk, Thiruvallur District and bounded on the North by: Plot No 13, South by : 40 Feet Panchayat Road, East by : Plot No 2, West by : 24 Feet Road-Rathna Nagar Main Road. **Admeasuring:** North to south on the Eastern side : 53 feet, North to south on the Western side : 54 feet, East to West on the Northern side : 40 feet, East to West on the Southern side : 40 feet. In all admeasuring 2140 sq feet or thereabouts **SCHEDULE B:** 400 Sq Feet of undivided share of land out of the schedule A mentioned property bearing Flat No G1 in Ground Floor of the building and measuring a built up area of 864 Sq feet (including common area).

RESERVE PRICE ₹ 31,50,000/- EMD ₹ 3,15,000/- BID INCREMENT ₹ 50,000/- POSSESSION Constructive

Encumbrance known to secured creditor: Nil
(However intending bidders are advised to verify the EC and satisfy themselves before submitting bid)

DATE & TIME OF E-AUCTION: 13.10.2026 between 12.00 Noon to 05.00 PM (with 10 min unlimited auto extensions)
E-Auction website: <https://BAANKNET.COM>

Interested bidders for Registration and Login and Bidding Rules visit: <https://BAANKNET.com/> For queries contact Number: 8291220220 & Email ID: support.BAANKNET@psballe.com. For detailed terms and condition of the sale, please refer to the link provided in <https://www.unionbankofindia.bank.in/auction-property/view-auction-property.aspx> and www.unionbankofindia.bank.in. For auction related queries e-mail to ubin0554740@unionbankofindia.bank.in or Contact: Union Bank of India, Chennai – Asset Recovery Branch, No.168, Linghi Chetty Street, 2nd Floor, Paryys Corner, Chennai-600001., Mob. No. 9137554740, Mrs.Smitha K. Contact No.: 990025760

STATUTORY 15 DAYS SALE NOTICE UNDER RULE 8 & 9 OF SECURITY INTEREST (ENFORCEMENT) RULES 2002.
This may also be treated as notice u/r 8 & 9 of security Interest (Enforcement) Rules, 2002 to the borrowers and guarantor/s of the said loan about the holding of E-auction Sale on the above-mentioned date.

Date: 15.09.2026 Place: CHENNAI

Authorised Officer,
Union Bank of India

QuoteExpress

KEEP YOUR EYES ON THE STARS, AND YOUR FEET ON THE GROUND
THEODORE ROOSEVELT