Sardar Vallabhbhai Patel Institute of Technology, Vasad

MCA Department

A report of Expert Talk

on

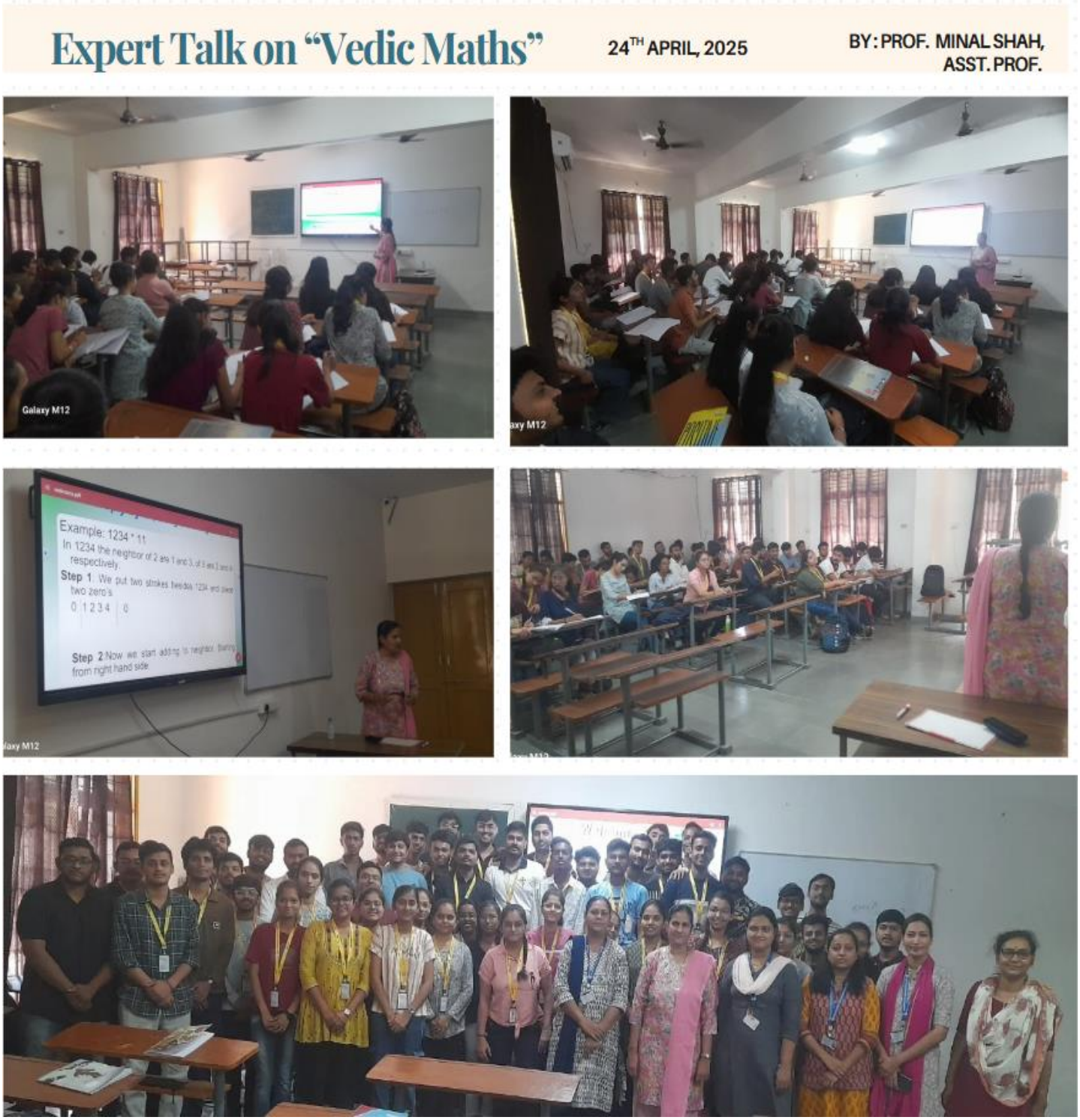
"Vedic Maths"

held on 24/04/2025

An Expert Talk on “Vedic Maths”

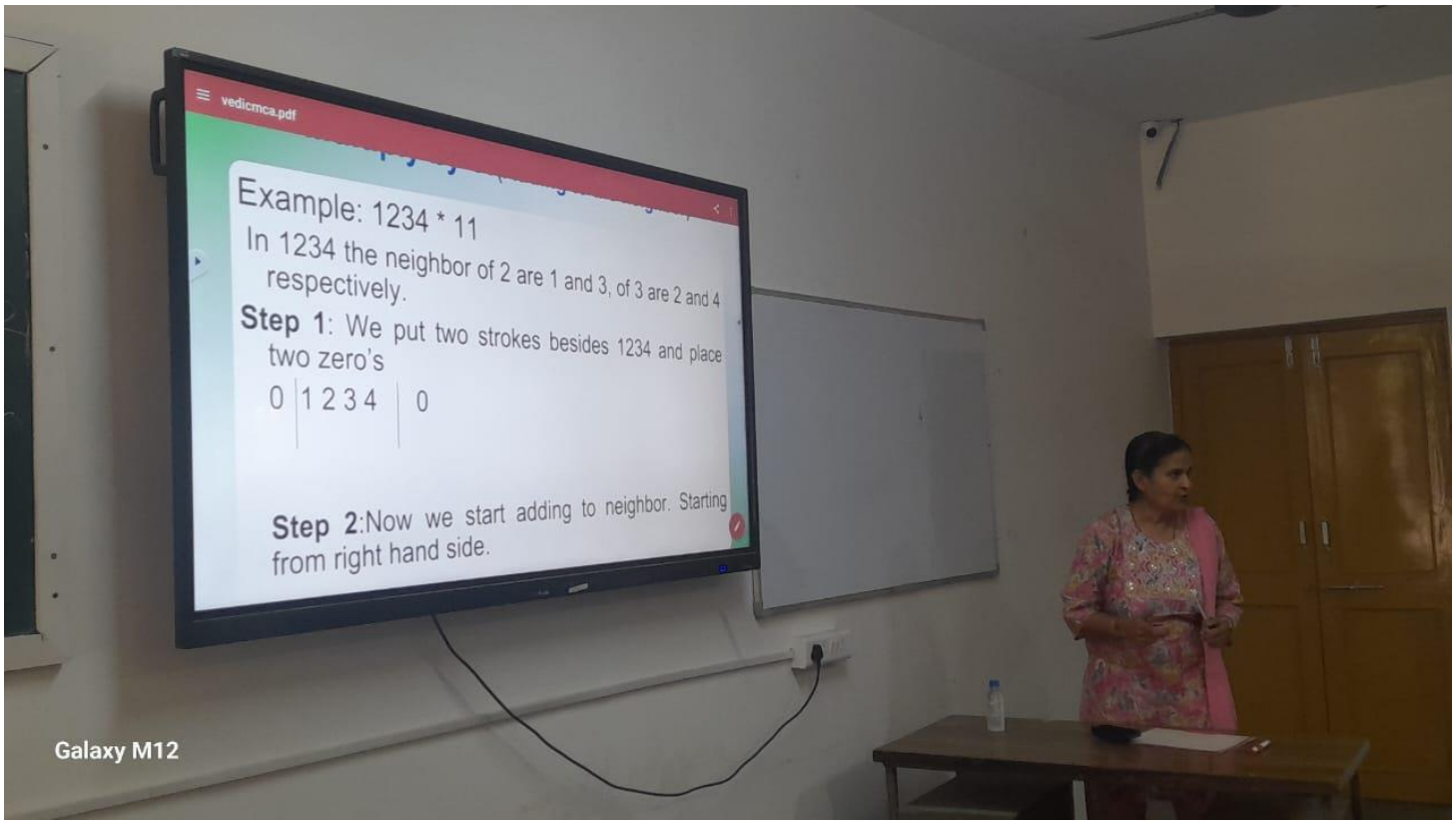
MCA Department of SVIT had organized an expert talk on “Vedic Maths” on 24th April, 2025. The expert talk was conducted by **Prof. Minal Shah**, Associate Professor, MCA Dept., Dharmsinh Desai University, Nadiad. This expert talk is scheduled for MCA 2nd semester students with aim to enhance the understanding and appreciation of India's ancient mathematical systems in both ancient and modern contexts. Around 53 students of MCA 2nd semester have attended the session.

An expert commenced the session with an **overview of Vedic Mathematics**, a system rooted in the ancient Indian texts known as the Vedas, specifically the Atharva Veda. She explained **16 Vedic Main Sutra together with 13 Sub-Sutras**. She taught Vedic shortcut techniques for memorizing multiplication tables and visualization techniques. The expert demonstrated **multiplication from 2 digit to 'n' digit multiplication technique** that drastically reduce the number of steps compared to conventional methods. Advanced techniques for calculating **squares and cubes** mentally were introduced using Vedic methods. The session concluded with a unique look at the **Pythagorean Theorem from a Vedic geometry** lens. The expert wrapped up the session with a Q&A, doubt solving and encouraging daily practice.



Galaxy M12

Galaxy M12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Example: 1234 * 11
In 1234 the neighbor of 2 are 1 and 3, of 3 are 2 and 4 respectively.
Step 1: We put two strokes besides 1234 and place two zero's
0 | 1 2 3 4 | 0
Step 2:Now we start adding to neighbor. Starting from right hand side.
Galaxy M12

Galaxy M12

Attendees

Sardar Vallabhbhai Patel Institute of Technology, Vasad

MCA Department

An Expert Talk on

"VEDIC MATHS"

Resource Person: Prof. Minal Shah **Date: 24/04/2025**

Attendance sheet

Sr. No.	Enrollment No.	Student's Name	Signature
1.	245300694017	Nathwani Jeet Jayesh	Jeet
2.	245300694055	Mehta Rushabh. Girish.	Rushabh
3.	245300694007	Nisarg Shukunbhai Bhoi	निसर्ग
4.	245300694011	M. Sabit I. Diwan	[illegible]
5.	245300694005	Nikunj N Bariya	[illegible]
6.	245300694053	Neel S. Prajapati	Neel
7.	245300694051	Hiten N. Prajapati	[illegible]
8	245300694008	Chetan K. Prajapati	C.K. Prajapati
9	245300694059	Shivam Piple	[illegible]
10	245300694041	Jaykumar P. Patel	Jay.P.Patel
11	245300694060	Hitesh. L. Solunki	Hites
12	245300694021	Khushbu K. Lakkad	Khushbu Lk.
13	245300694003	Ayushi H. Darji	Ayushi
14	245300694009	Darshana Chauhan	Dkchauhan.
15	245300694038	Ishita. D. Patel	I.D.Patel.
16.	245300694042	Krupa. N. Patel	K.N. Patel.
17.	245300694049	Anjali P. Prajapati	Anjali
18.	245300694058	Roshni. S. Shah	Roshni.
19.	245300694037	Isha. D. Patel	I.D.Patel
20	245300694043	Patel Shivani. J.	[illegible]
21	245300694030	Namboodiri Sruti S	Sruti
22	245300694002	Anjali Biju	Anjali
23	245300694039	Patel Janviben Bharatkumar	J.B.Patel
24	245300694050	Prajapati Divya Dharmendra	Divya
25	245300694024	Meet. R. Rana	Meet
26	245300694040	Jaykumar K. Patel	Jaykumar K. Patel
27	245300694046	Megha. M. Patil	M Patil.
28	245300694015	Honey. S. Vanjani	H Vanjani
29	245300694036	Patel Devkumar Dilipbhai	D.D.Patel.
30	245300694057	SHAH KENIL M.	Kenil Shah

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Sr. No.	Enrollment No.	Student's Name	Signature
31	245300694025	Aakash Mistry	[signature]
32	245300694048	Anant Prabhudesai	[signature]
33	245300694032	Dipanshu Parekh	[signature]
34	245300694031	NARENDRA SINGH	[signature]
35	245300694029	Naved Malek	Naved
36	245300694016	Jutin Daxji	Jutin
37	245300694019	Khanjan Sanghavi	[signature]
38	245300694066	Priyank H. Wadiwala	[signature]
39	245300694033	Bhavik Pargar	[signature]
40	245300694020	Kiran Shrimali	[signature]
41	245300694035	Saurin Parmar	[signature]
42	245300694045	Taufikkhan M. Pathan	[signature]
43	245300694019	Shweta M. Kamsara	S.M.Kamsara
44	245300694061	Ankit R. Talpada	[signature]
45	245300694062	Dharmesh A. Talpada	D.A.Tal.
46	245300644023	Marthak Nayan N.	Nayan
47	245300694022	Rohit N. LALWANI	[signature]
48	245300694056	Abhiram A. Sandhe	Abhi
49	245300694044	Ved S. Patel	[signature]
50	245300694010	Dhruv. K. Patel	[signature]
51	245300694026	Devanshkumar P. Mistry	[signature]
52	245300694027	Dhruvil Mistry	[signature]
53	245300694034	Milan Parmar	[signature]