

Training Programme on Vedic Mathematics

13- 19 July 2021

St. Aloysius' College, Department of Mathematics conducted a 07-day Training Programme on Vedic Mathematics from the 13/07/2021 to 19/07/2021. The purpose was to orient the students' scholars and academicians on the quick tips and hints to solve mathematical problems during competitive exams. Dr. Mandira Kar, H.O.D and Convenor of the Programme, briefed about the objective and purpose of conducting this training, she welcomed the experts and participants. Dr. V. K. Gupta (Head Department of Mathematics), Director of Ramanujan Research Centre of Mathematics, Ujjain) shared his expertise on the subject. Dr. Dharmendra Yadav, Senior Technical Director National Informative Centre, Ujjain, explained concepts of addition, subtraction, multiplication, division and many more mathematical operations during the training sessions. Dr. Rajendra Prakash Gupta Superintendent Jiwaji Observatory, Ujjain explained number system, square and square roots. Dr. VK Gupta enlightened about the biography of Shri Bharti Krishna Tirth. The sessions were followed by question, answer and doubt solving. The programme was a success under the leadership of Principal Rev. Dr. G. Vazhan Arasu. Dr. Archana Pasari and Dr. Pratibha Richariya were the coordinators for the programme Dr. Akhilesh Pathak and Mr. Satyendra also contributed towards the success. The programme involved participants from internationally-Dubai and participants all across the nation.

REC Rajendra Gupta is presenting

वर्गमूल-5 या 6 अंक की संख्याओं का

वर्ग संख्या का इकाई अंक	1	4	5	6	9	0
वर्गमूल संख्या का इकाई अंक	1 या 9	2 या 8	5	4 या 6	3 या 7	0

उदाहरण-4, पूर्ण वर्ग संख्या 12769 का वर्गमूल ज्ञात कीजिए।
 $\sqrt{12769} = \sqrt{1\ 27\ 69} = \overset{\text{संकेतवदार्थ}}{11}\overset{\text{उपाय}}{3} = 113$

प्रक्रिया -

- दाहिनी ओर से दो-दो के जोड़े बनाइए। पहला जोड़ा 69 और दूसरा व तीसरा जोड़ा मिलाकर 127 है।
- बायीं ओर के जोड़े 127 का निकटतम वर्गमूल 11 है। अतः संकेत व दशई का अंक 11 होगा। इकाई का अंक 9 है। अतः वर्गमूल का इकाई का अंक 3 या 7 होगा। अतः वर्गमूल संख्या 113 या 117 होगी।
- एकचिह्न पूर्ण सूत्र का प्रयोग करते हुए $115^2 = 13225$ टीहई संख्या 13225 से कम है। अतः छोटी संख्या अपेक्ष 113 यही उत्तर होगा।

8:07 PM | Training Program on Vedic Mathematics fro... mac101mathe lse... 23 others You

WhatsApp web - Google Search x (3) WhatsApp x Meet - Training Program on V... x +

meet.google.com/svr-fjba-if?pli=1&authuser=2

Apps YouTube Maps Gmail

Rajendra Gupta is presenting

7:01 PM | Training Program on Vedic Mathematics fro...

Taskbar: Start, Internet Explorer, Google Chrome, Meet - Training Pr..., PDF Lecture - Micro..., AutoPlay, 7:01 PM 15/07/2021

WhatsApp web - Google Search x (3) WhatsApp x Meet - Training Program on Ve... x +

meet.google.com/svr-fjba-if?pli=1&authuser=2

ps YouTube Maps Gmail

REC Dharmendra Singh Yadav is presenting

8:14 PM | Training Program on Vedic Mathematics fro...

Taskbar: New Microsoft Office ... 8:14 PM 15/07/2021

whatsapp web - Google Search x (2) WhatsApp x Meet - Training Program on Ve x +

meet.google.com/svr-fjba-ifi7pli=1&authuser=2

REC Dharmendra Singh Yadav is presenting

वैदिक गणित के प्रणेता - जगतगुरु शंकराचार्य स्वामी
भारती कृष्णतीर्थ जी महाराज (1884-1960)

वैदिक गणित - 16 सूत्र एवं 13 उपसूत्र

भाग की प्राचीन भारतीय विधियाँ

1. विलोकनम्
2. निश्चिन्तम् - भाजक आधार से निकट व आधार से कम
3. परावन्तव - भाजक आधार से निकट व आधार से अधिक
4. च्चव्वांक

भाज्य = भाजक × भागफल + शेषफल
 Dividend = Divisor × Quotient + Remainder

Mandira Kar

BHUMIKA SHRIVAS

msc101maths Ise...

harsh sonkar

Dharmendra Sing...

Neha sitpal

Neha Goyal

20 others

You

7:05 PM | Training Program on Vedic Mathematics fro...

7:05 PM 16/07/2021

whatsapp web - Google Search x (1) WhatsApp x Meet - Training Program on Ve x +

meet.google.com/svr-fjba-ifi7pli=1&authuser=2

REC

Virendra Gupta

Turn on microphone (ctrl + m)

Sudipta Sanyal

27 others

You

People

Mute all Add people Host controls

msc101maths Isemnaths

Neha Goyal

NEHA PATEL

Neha sitpal

Nidhi Choubey

NIKHAT PARVEEN

8:29 PM | Training Program on Vedic Mathematics fro...