

CAREER DEVELOPMENT CENTRE



Date: 8th August 2020

NOTICE- Academic Year (2020-21)

VEDIC MATHEMATICS


All the students of School of Physical Sciences & School of Liberal Arts and Management are hereby informed that a course on “Vedic Mathematics” is scheduled to start from 17th August 2020 in online mode on MS Team.

The details are as follows:

COURSE	BA/BSc – 3 rd Year
TIMINGS	3 PM-4 PM (Monday to Friday)
COURSE DURATION	32 Hours
ORGANISING DEPARTMENT	Career Development Centre

NOTE:

1. The training will run in online mode (till further notice) on MS Team. Students will be assigned batch (as per the schedule) and will be added to their respective MS Teams.
2. Interested student will have to register for the course on or before 15th August 2020 by giving their names to their training coordinator or they can send their interest at cdc@dituniversity.edu.in through their university email ID.
3. It is suggested to all the above-mentioned students to attend the training (detailed schedule will be shared in your respective batch on MS Team).
4. The Department concerned shall notify the details about timings and MS Team batch of the training sessions. In case of any query please contact the Career Development Centre, DIT University.


Mr. Gaurav Singh
(Head- CDC)

Head- CDC

Career Development Cell
DIT University, Dehradun


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DIT University, Dehradun

To:

All Dean / Director / Head of Department

Chairman

Chancellor

Vice Chancellor

Pro Vice Chancellor

Manager Admin / HR Department

For information please

**Report on VAT training on VEDIC MATHEMATICS (Online MS Team)
VAT: 22**

The Vedic Mathematics training was conducted for students of SoPS & SoLAM , the platform for the training was MS TEAM as the training was conducted online, and the targeted students for the training were those who had to be skilled for fast calculation in their domain, it was conducted by the Career Development Centre, the main trainer for the training was **Mr. Vibhor Sharma (Aptitude Trainer- CDC)** . Duration of the course was 32 hrs. (17th August 2020 to 24th October 2020)

Objective:

Vedic Math can be considered as a new and emerging sector in India. Vedic math is all set to become popular and a boon for students. The future and scope of Vedic Math is very wide and given time it will only shine bright. CDC (Career Development Cell) is organizing a 5 days' workshop on Vedic Mathematics. Find the details below:

Course Schedule:

Branch/Year	SoPS & SoLAM
Organizer Department	Career Development Centre
Date	17th August to 24th October 2020
Course Duration	30 Hours
Timings	Slot 1: 10:00 A.M.-11:00 A.M (BSc) Slot 2: 02:00 P.M. -03:00 PM (BA)
Platform	MS TEAM
Course Coordinator	Mr. Vibhor Sharma
Coordinator contact Id	aptitude.trainer2@dituniversity.edu.in


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Description:

Vedic Mathematics is the name given to the ancient system of Indian Mathematics which was rediscovered from the Vedas between 1911 and 1918 by Sri Bharati Krsna Tirthaji (1884-1960). According to his research all of mathematics is based on sixteen Sutras, or word-formulae. The Vedic Math course is sought after in the academic circuit and has been made after the author's long experience of teaching over 4 million students in the subject across the globe.

Can you multiply 998×997 in five seconds?

Learn High Speed Vedic Mathematics which will enable you to calculate much faster compared to the conventional system. You will be able to do seemingly difficult calculations like 998×997 in split seconds which will make a remarkable difference to your confidence and self esteem. Your calculation skills will improve, you will be able to perform better and you will exuberate confidence which will blow people away.

The scope of the area which Vedic Mathematics covers is much larger than the other systems. Through Vedic Math you can do calculations in Arithmetic, Algebra and even Trigonometry for that matter and simplify and speed up calculations.

Training Outcome:-

- You will be learning how to speed up Multiplication, Division, Addition, Subtraction, How to find squares in less than 5 seconds, Cubes, find Cube Roots in 3 seconds flat, Find Square Roots, Sharpen your skills of Algebraic Equations and do it mentally, Learn Divisibility rules for every number in the number system, Speed up concepts of Geometry, Find out Divisibility rules for every number in the number system, Calendars and much more. This system will change your paradigm about mathematics and you will be able to enjoy it more than you ever did.
- By the end of each topic you will have a better understanding of the Mental Math Method being explained.
- You will be able to calculate 10-15 times faster than before!



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- Develop your left and the right side of the brain by increasing the visualization and concentration abilities.
- Have Fun with Math! Get rid of your Math Phobia.
- Become a Human Calculator yourself!

Who should opt the training?

- Math Teachers + Working Professionals
- Student across all the program, who want to improve their calculation skills
- Entrepreneurs
- Math Enthusiasts

Course Outline:

1. HOLISTIC MATHS

Course overview, history of our number system. 10-point circle, Completing 10s, addition. Mental addition from left to right

2. COMPLETING THE WHOLE

Early history of VM. Looking for 10s in addition, including adding columns

Using addition and subtraction together

3. DOUBLING AND HALVING

Number splitting: doubling and repeated doubling.

Math's teaching. Halving and repeated halving

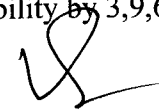
4. CREATIVE MATHS

Improvising and extending the multiplication tables

Multiplying and Dividing by 5, 50, 25

5. A MAGIC NUMBER

Digit sums, 9-point circle, casting out nines. Digit sum puzzles and divisibility by 3,9,6,15



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6. CHECKING IT OUT

Checking with digit sums. Checking with first and last figures / Vedic Square

7. THE INVISIBLE NUMBER

Calculating left to right. Doubling & halving / Finger maths

8. SUBTRACTION

Recent history. Subtraction-left to right. Checking subtractions

9. EXPLAINING VEDIC MATHS

Questions on Vedic Maths. Combining/comparing fractions

10. ALL FROM 9 AND THE LAST FROM 10

Subtraction. Bar numbers

11. THE POWER OF NEGATIVE THINKING

Using bar numbers for subtraction. Number splitting

12. ANOTHER MAGIC NUMBER

Multiplication by 11. Divisibility by 11 and a 'digit sum' check

13. COHERENT MATHS

General multiplication and reverse. Algebraic multiplication and its reverse

14. MATHEMAGICS

Multiplying numbers near 100. Proofs

15. NUMBER PATTERNS

Using Proportion to extend base multiplication

Multiplying near base 10, and multiples of 10

16. THINK OF A NUMBER

Use of transposition in solving word puzzles. Solving equations

17. SPECIAL AND GENERAL

Some special multiplication devices

18. SPECIAL DIVISION

Dividing by 9, 8, 11 etc. Algebraic division

19. NATURAL MATHS



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The Sutras. Calculating areas. Temperature conversions. Spotting the obvious

20. DEMONSTRATIONS

Advice on structuring a talk

21. GENERAL MULTIPLICATION

Extending the Vertically and Crosswise method

22. SQUARES AND ROOTS

Squaring 2-figure numbers and binomials. Square root of a perfect square

23. TRIPLES

Triple notation and addition. Rotations with triples

24. GENERAL SQUARING

The duplex, Squaring numbers of any size. Algebraic squaring

25. THE CROWNING GEM

Straight division. How to choose your remainder. Decimalizing the remainder

26. STRAIGHT DIVISION

Extending straight division to 3-figure divisors. Negative flag digits. Changing the numbers. Two figures or more on the flag

27. MASSIVE MULTIPLICATIONS

Multiplying numbers near high bases. Squaring near a base

Multiplying numbers near different bases

28. COORDINATE GEOMETRY

Equation of a line through two given points. Equation of a line through a given point and parallel or perpendicular to a given line

29. SQUARE ROOTS

The general method

30. CALCULUS

Solving quadratic equations by two methods. Comparison of some

Vedic and conventional methods

31. RECURRING DECIMALS

From left to right and from right to left



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32. SPECIAL NUMBERS

An easy kind of multiplication and special numbers
Their application in making recurring decimals easier

33. DIVISIBILITY

The osculation process

34. TRIPLE GEOMETRY

Triple subtraction and applications

35. LEFT TO RIGHT

Written calculations from left to right

36. COMBINING CALCULATIONS / THE VALUE OF pi

Calculating from the left. Sanskrit and Pi

Training Outcome-

How High Speed Vedic Math can help you:

- You would be learning how to speed up calculations which are stumbling blocks in mathematics. These concepts will help you in your studies for the university examinations and also for the entrance examinations you will be facing in your life.
- Eradicates fear of Math completely. So if you have Math-Phobia High Speed Vedic Math is a Fun-Filled way to do Math and arises interest.
- Sharpens your mind, increases mental agility and intelligence.
- Increases your speed and accuracy. Become a Mental Calculator yourself.
- Improves memory and boosts self-confidence.
- Cultivates an Interest in you for numbers.


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Annexure - II

Value added course Details (Academic Year: 2020-21)

VAT Course Name: Vedic Mathematics

VAT Code: VAT 22

Duration in Hours: 32

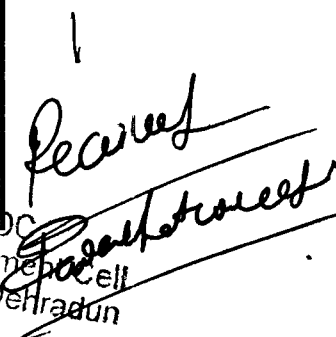
Number of Students Enrolled: 138

Number of Students Completed: 131

Grades:

G= GOOD ; S = Satisfactory ; P = Poor ; W = Withdraw


Student ID	Student Name	Program/Course	Year	Passing Grade
181149033	HIMANI THAKUR	BA-ENG	3rd Year	G
181148019	POOJA ARYA	BA-PSY	3rd Year	S
181149028	SUKANYA NEGI	BA-ENG	3rd Year	S
181149025	ANUSHKA SINGH	BA-ENG	3rd Year	G
181148006	AYUSHI JAIN	BA-PSY	3rd Year	G
181172016	EAPSHITA RAKSHIT	BA-ECO	3rd Year	S
181149017	UTTAM KUMAR	BA-ENG	3rd Year	S
181149023	SHRISHTI NAINWAL	BA-ENG	3rd Year	S
181073025	SATYAWRAT BENIWAL	BSc-MAT	3rd Year	G
181075025	JAHANVI AGARWAL	BSc-CHE	3rd Year	P
181075015	VASUNDHARA SINGH	BSc-CHE	3rd Year	S
181148003	MEHAK AAFTAB	BA-PSY	3rd Year	S
181149003	SIMMI ROHELLA	BA-ENG	3rd Year	G
181172011	KAJAL SRIVASTAVA	BA-ECO	3rd Year	G
181148022	SIDRA QURESHI	BA-PSY	3rd Year	S
181148024	SIDHARTH SISODIA	BA-PSY	3rd Year	S
181075023	ANKIT KUMAR	BSc-CHE	3rd Year	G
181074028	DIVYANSHU DOBHAL	BSc-PHY	3rd Year	S
181074027	DEVESH KUMAR	BSc-PHY	3rd Year	S
181074007	PIUSH SHAH	BSc-PHY	3rd Year	G
181074015	MANSI RANA	BSc-PHY	3rd Year	G
181075006	AMRIT PAL SINGH	BSc-CHE	3rd Year	S
181074002	SURAJ SONI	BSc-PHY	3rd Year	S
181074011	SIDDHARTH RANA	BSc-PHY	3rd Year	G
181073011	MANISHA CHAUHAN	BSc-MAT	3rd Year	G
181073018	KANIKA NARANG	BSc-MAT	3rd Year	S
181149010	SAMRIDHI DIMRI	BA-ENG	3rd Year	S
181172009	SHUBH JAISWAL	BA-ECO	3rd Year	G
181075010	SWARNIM SINGH	BSc-CHE	3rd Year	G
181075001	KUNAL SHARMA	BSc-CHE	3rd Year	S
180921023	DIPANKAR BARUA	BSc-CHE	3rd Year	S
181073021	ANIKET CHOUDHARY	BSc-MAT	3rd Year	G
181148018	MAYANK KHARKA	BA-PSY	3rd Year	S
181074029	AVIDIT NEGI	BSc-PHY	3rd Year	S
181075018	AKASH CHAUDHARY	BSc-CHE	3rd Year	G
181148001	ADITI RAJPUT	BA-PSY	3rd Year	G
181074013	MUSKAAN MAHESHWARI	BSc-PHY	3rd Year	S
181073002	SAKSHAM TOMAR	BSc-MAT	3rd Year	S
181073016	NEHA NEGI	BSc-MAT	3rd Year	S


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181148002	SHRESTHA SEN	BA-PSY	3rd Year	G
181073006	RITIKA AGARWAL	BSc-MAT	3rd Year	G
181148017	MUSKAN VIG	BA-PSY	3rd Year	P
181172008	MIKA FONIA	BA-ECO	3rd Year	S
181075024	AYUSH CHAUDHARY	BSc-CHE	3rd Year	G
181073013	MUSKAN SHARMA	BSc-MAT	3rd Year	S
181075003	MAHESH LOITONGBAM	BSc-CHE	3rd Year	S
181148010	SHUBHA MITTAL	BA-PSY	3rd Year	G
181075007	SWATI SINGH	BSc-CHE	3rd Year	G
181074023	ANKIT RAWAT	BSc-PHY	3rd Year	S
181074022	SAURABH RATHORE	BSc-PHY	3rd Year	S
181074030	DINESH RAWAT	BSc-PHY	3rd Year	G
181075022	PARDEEP KUMAR	BSc-CHE	3rd Year	S
181074016	NAMAN GUPTA	BSc-PHY	3rd Year	S
181148016	MEHAK GROVER	BA-PSY	3rd Year	G
181149004	SATAKSHI BHANDARI	BA-ENG	3rd Year	P
181075017	ARJUN RAJ PRASHAR	BSc-CHE	3rd Year	S
181148014	KUMARI SHIVANGI	BA-PSY	3rd Year	S
181148007	MANSI RAWAT	BA-PSY	3rd Year	S
181073015	SHIVAM CHUADHARY	BSc-MAT	3rd Year	G
181172013	KARTIKEY SINGH	BA-ECO	3rd Year	G
181075008	ANJALI BISHT	BSc-CHE	3rd Year	S
181149001	MANNEET KAUR	BA-ENG	3rd Year	S
181149032	DEBASMITA GHOSH	BA-ENG	3rd Year	P
181149013	RITIKA MANCHANDA	BA-ENG	3rd Year	G
181074020	SHIVANSH SINGHAL	BSc-PHY	3rd Year	S
181148015	VANSHIKA BALI	BA-PSY	3rd Year	S
181073001	VARSHA NEGI	BSc-MAT	3rd Year	G
181074008	DIVYA PANDEY	BSc-PHY	3rd Year	S
181172014	PARAMJEET SINGH	BA-ECO	3rd Year	S
181148011	AKANKSHA KUNWAR	BA-PSY	3rd Year	G
181074031	AMAN KUMAR	BSc-PHY	3rd Year	G
181073005	SHUBHI CHUGH	BSc-MAT	3rd Year	S
181073009	BHAWANA RAWAT	BSc-MAT	3rd Year	S
181073008	ANUPRIYA KASANA	BSc-MAT	3rd Year	G
181148013	MANSI DABRAL	BA-PSY	3rd Year	G
181074025	HIMANSHU RANA	BSc-PHY	3rd Year	S
181149011	SUMAYYA .	BA-ENG	3rd Year	S
181074001	RAGHAV BAHUGUNA	BSc-PHY	3rd Year	G
181073028	DEEKSHA SHARMA	BSc-MAT	3rd Year	G
181148012	SHAMBHAVI SHUKLA	BA-PSY	3rd Year	S
181073007	KANISHKA BHATT	BSc-MAT	3rd Year	S
181148005	KIRAN TOMAR	BA-PSY	3rd Year	G
181073026	SUNNY .	BSc-MAT	3rd Year	S
181149014	RITU MEHTA	BA-ENG	3rd Year	S
181172002	USHNA DWIVEDI	BA-ECO	3rd Year	G
181074021	AJITHRA S L	BSc-PHY	3rd Year	G
181149015	BHANU RAINA	BA-ENG	3rd Year	S
181075011	PRIYANSHI SAINI	BSc-CHE	3rd Year	S
181149007	AAKSHI CHHETTRI	BA-ENG	3rd Year	G


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181148023	DEEKSHA BHANDARI	BA-PSY	3rd Year	G
181149029	NIMISHA GAIROLA	BA-ENG	3rd Year	G
181075019	RIYA ARYA	BSc-CHE	3rd Year	S
181149024	GARIMA SINGH	BA-ENG	3rd Year	S
181172001	SHIVESH BIJALWAN	BA-ECO	3rd Year	G
181149006	NAYANSHREE .	BA-ENG	3rd Year	S
181074009	HARSHIT KUMAR TYAGI	BSc-PHY	3rd Year	P
181149021	LEENA KABIRAJ	BA-ENG	3rd Year	G
181148025	TANYA NEGI	BA-PSY	3rd Year	G
181172004	ADITI AGARWAL	BA-ECO	3rd Year	S
181149009	AANCHAL RAWAT	BA-ENG	3rd Year	S
181149020	AAYUSHI BADOLA	BA-ENG	3rd Year	G
181149002	RHYTHM DHYANI	BA-ENG	3rd Year	S
181149022	GARGEE RAWAT	BA-ENG	3rd Year	S
181149026	KUMARI RASHI NAUTIYAL	BA-ENG	3rd Year	G
181075021	SONALI RAGHAV	BSc-CHE	3rd Year	P
181075005	SHIVANGI CHHETRI	BSc-CHE	3rd Year	S
181172006	DISHA .	BA-ECO	3rd Year	S
181172010	URVASHI BHARDWAJ	BA-ECO	3rd Year	P
181074004	HEMANT SINGH MEHTA	BSc-PHY	3rd Year	G
181075004	KSHITIZ JOSHI	BSc-CHE	3rd Year	G
181074010	SNEHA SHARMA	BSc-PHY	3rd Year	S
181073017	VISHAKHA CHOUDHARY	BSc-MAT	3rd Year	S
181172007	LOKESH HARISH CHAND	BA-ECO	3rd Year	G
181075020	RITIKA .	BSc-CHE	3rd Year	G
181074019	SHRUTI RAUTELA	BSc-PHY	3rd Year	S
181149016	DRISHTI RAWAT	BA-ENG	3rd Year	S
181073003	AASTHA SINGH	BSc-MAT	3rd Year	G
181172012	SHELJA .	BA-ECO	3rd Year	S
181074014	SHALINI .	BSc-PHY	3rd Year	S
181075009	JAYA SETHI	BSc-CHE	3rd Year	G
181073029	ARJUN SINGH RAWAT	BSc-MAT	3rd Year	G
181074006	PRERANA CHAMOLI	BSc-PHY	3rd Year	S
181073030	HARSHITA SINGH	BSc-MAT	3rd Year	S
181075012	PARAS DOBHAL	BSc-CHE	3rd Year	G
181075014	ARPIT KUMAR SAXENA	BSc-CHE	3rd Year	G
181149008	AAKRITI CHHETRI	BA-ENG	3rd Year	S
181073019	KUNAL PANWAR	BSc-MAT	3rd Year	S
181073023	STUTI BHATNAGAR	BSc-MAT	3rd Year	G
181074017	AMAN THAPLIYAL	BSc-PHY	3rd Year	G
181172003	KM SANDHYA ARYA	BA-ECO	3rd Year	S
181074012	ATUL CHAUDHARY	BSc-PHY	3rd Year	S
181073020	SNEHIL NEGI	BSc-MAT	3rd Year	G
181073010	PRIYANKA MEHTA	BSc-MAT	3rd Year	G
181148009	MEETEILEIMA KHUMUKCHAM	BA-PSY	3rd Year	S
181073012	DEEPENDRA CHAUHAN	BSc-MAT	3rd Year	G
181149031	JAHNVI KAUSHIK	BA-ENG	3rd Year	G
181074005	ANKIT PUROHIT	BSc-PHY	3rd Year	S
181075016	MAYANK GIRI	BSc-CHE	3rd Year	S


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