



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)



SCHOOL OF ADVANCED SCIENCES
DEPARTMENT OF MATHEMATICS
VIT Mathematical Meet – 2020
A State Level Mathematical Contest for School Students
(24th Anniversary Celebrations of the VIT Mathematics Association)
Theme: “Mathematics in Health and Safety”
1st February 2020



INFORMATION BROCHURE



Organized By

DEPARTMENT OF MATHEMATICS
SCHOOL OF ADVANCED SCIENCES
VELLORE INSTITUTE OF TECHNOLOGY
VELLORE - 632 014
TAMIL NADU, INDIA

Contacts

THE ORGANIZING SECRETARIES
VIT MATHEMATICAL MEET - 2020
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DEPARTMENT OF MATHEMATICS
VIT Mathematical Meet – 2020

A State Level Mathematical Contest for School Students
(24th Anniversary Celebrations of the VIT Mathematics Association)

Theme: “Math in Data Science”
1st February 2020

ADDRESS FOR COMMUNICATION

Dr. G. Rajasekaran
Dr. M. Gowsalya

Organizing Secretaries
VIT Mathematical Meet – 2020
Department of Mathematics
School of Advanced Sciences
Vellore Institute of Technology
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TO

Empty dashed box for recipient information.



ORGANIZING COMMITTEE

Honourable Patron

Dr. G. Viswanathan
Founder & Chancellor, VIT

Patron

Shri. Sankar Viswanathan
Vice President, VIT

Dr. Sekar Viswanathan
Vice President, VIT

Shri. G.V. Selvam
Vice President, VIT

Dr. Sandhya Pentareddy
Executive Director, VIT

Ms. Kadhambari S. Viswanathan
Assistant Vice President, VIT

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Dr. Anand A. Samuel
Vice-Chancellor, VIT

Dr. S. Narayanan
Pro-Vice Chancellor, VIT

Dr. K. Sathiyarayanan
Registrar, VIT

Chairperson

Dr. A. Mary Saral
Dean, SAS, VIT, Vellore

Convenor

Dr. B. Rushikumar
HoD, Department of Mathematics, SAS, VIT, Vellore

Organizing Secretaries

Dr. G. Rajasekaran
Dr. M. Gowsalya
Department of Mathematics, SAS, VIT, Vellore

Organizing Team Members

Faculty Members
Research Scholars
Department of Mathematics, SAS, VIT, Vellore

IMPORTANT DATES

Last Date for Registration : 27th January, 2020 (Monday)
Date of the Meet : 1st February, 2020 (Saturday)
VENUE : Technology Tower, VIT, Vellore.

REGISTRATION FEE

Category	Level I (VI-VIII STD)	Level II (IX-X STD)	Level III (XI-XII STD)
Tamil Medium	Rs. 100/- Per Student	Rs. 150/- Per Student	Rs. 200/- Per Student
English Medium	Rs. 150/- Per Student	Rs. 200/- Per Student	Rs. 250/- Per Student

MATHEMATICAL EVENTS DETAILS

Events	Level I (VI-VIII STD)	Level II (IX-X STD)	Level III (XI-XII STD)
Mathematical Quiz	Topic: As per the STD. Level	Topic: As per the STD. Level	Topic: As per the STD. Level
Mathematical Talent Examination	Topic: As per the STD. Level	Topic: As per the STD. Level	Topic: As per the STD. Level
Mathematical Essay Competition	Topic: Mathematics in Pollution Control	Topic: Mathematics in Effective Traffic Management	Topic: Mathematics in Medicine
Mathematical Model Exhibition	Topic: Mathematical Model for Pollution Control	Topic: Mathematical Model for Effective Traffic Management	Topic: Mathematical Model for Health and Safety
Mathematical Puzzle Competition	Topic: As per the STD. Level	Topic: As per the STD. Level	Topic: As per the STD. Level

AWARDS AND PRIZES

EVENTS	AWARDS
Mathematical Quiz Competition	Best Team Award
Mathematical Talent Examination	Best Talente Award
Mathematical Model Exhibition	Best Model Award
Mathematical Essay Competition	Best Essay Award
Mathematical Puzzle Competition	Best Team Award

Sponsored By

Department of Mathematics, SAS, VIT, Vellore

VITMM - 2020 Overall Dr. G. V. Shield for the Best Performing School (Both Medium)

OBJECTIVES

- To stimulate the interest in Mathematics
- To recognize the outstanding Mathematical talents
- To motivate the Mathematical creativity
- To inspire the ability to think and solve complex problems

- To exhibit the Mathematical innovations
- To create awareness on Mathematical applications

About the VIT

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G. Viswanathan. From its humble beginning, the institution has grown exponentially to that of having more than 39,000 students. VIT attracts students from all the 29 states of India and from more than 50 countries because of its excellence. The credentials of VIT in academics and research have placed VIT in the 13th position among the engineering institutions and VIT Business School has placed 17th position among the business schools in India by NIRF, Govt. of India. The world ranking body namely the QS (Quacquarelli Symonds) has given 4 STAR rating to VIT, with that VIT becomes the first institution in India to have the 4 STAR rating. In addition to this, the consortium of industries, FICCI has adjudged VIT as the “Excellence in Faculty”. VIT has the record of publishing maximum number of SCOPUS indexed research articles in 2016, among Indian Universities and also overtaking all the premier institutions. VIT has also completed 3 cycles of NAAC accreditation and has been rated as “A” grade institution. In addition, VIT also has obtained for the coveted ABET accreditation by US agency. Govt. of India recognizes VIT as an Institute of Eminence (IOE) in 2019 to become the world’s best. VIT has introduced many innovations in academic processes which add value to every student. FFCS (Fully Flexible Credit System), PBL (Project Based Learning) for better learning, fully digitized academic portals that assist students in equipping themselves for 2020 market place.

About the School of Advanced Sciences

The School of Advanced Sciences (SAS) consists Mathematics, Physics and Chemistry Departments. The School offers M.Sc., M.Phil. and Ph.D. programmes in all these disciplines. The School comprises well qualified and research oriented faculty members whose expertise are in the frontier areas in Sciences. Faculty members of SAS have received research projects from various funding agencies such as DST, CSIR, DRDO, NBHM, BRNS, IGCAR, AERBA, NRB and ARDB. The School has also been recognised by DST for support under the FIST programme. The School will be conducting various programmes such as InoVIT, SciGATHER and VIT Mathematical Meet, which are South India level math and science contests for school children to create and encourage mathematical and scientific innovations among the students. The Department of Mathematics has a good record of organising seminars, workshops, symposium and conferences (NCPAM, ISTAM) in the recent emerging technical areas.

About the VIT Mathematical Meet - 2020

VIT Mathematical Meet – A State Level Math contest for school Students is a mega annual event organized by the Department of Mathematics, School of Advanced Sciences, VIT in order to create and encourage the mathematical inventiveness in young minds at the school level. The Department of Mathematics of VIT is delighted to proclaim the VIT Mathematical Meet – 2020, the 24th Annual Celebrations of the VIT Mathematics Association, to be held at Technology Tower, VIT, Vellore on 1st, February, 2020 (Saturday) from 7:00 A. M. to 05:00 P. M.

Mathematics is an important subject which is the heart of many other subjects in Science, such as Engineering, Materials Science, Physics, Chemistry, Biology, Business, Management, Economics, Social Sciences, etc. Mathematics is the only field where the knowledge is cumulative and higher order. The Meet will assist the student fraternity to

face competitions and to understand how to apply knowledge. Moreover, every interesting and worthwhile venture in life comes with some elements of pressure: competition teaches students how to handle it. Math competitions are fabulous and intellectual opportunity to develop the skill for students. Therefore, the objective of the meet is to encourage the students to develop an ultimate interest in mathematics to love and appreciate the beauty of it.

INSTRUCTIONS FOR REGISTRATION

- Events will be conducted for both Tamil and English medium students separately and awards / certificates will be given accordingly.
- The Registered teams/students should report at 8 A.M. on 01. 02. 2020 at the venue.
- For Team events (**Quiz, Puzzle and Model**), maximum **three** students are allowed per team and there is no restriction on number of teams per school.
- For individual events (**Talent Exam and Mathematical Essay**), no limit for the number of participants from each school.
- One student can participate in **ONLY ONE EVENT**.
- TA/DA will not be paid.
- Lunch and Snacks will be provided for all participants.
- Registration fees shall be paid either by online <http://info.vit.ac.in/Events-VIT/VITMM-2020/apply.asp> or by **DD drawn in favour of 'Vellore Institute of Technology' payable at Vellore.**
- **There is no Spot Registration.**
- The paid registration fee will not be refunded at any circumstances.
- A common DD may be drawn on behalf of all the participants from each school.
- Please submit/send the dully filled **Registration Form along with the DD** on or before 27. 01. 2020 (Monday) in person/by courier/by post to the following mailing address:
**The Coordinators,
VIT Mathematical Meet - 2020,
Department of Mathematics,
School of Advanced Sciences,
Room No.: 527, Technology Tower,
VIT, Vellore - 632 014.**
- You can also mail the scanned copy of the registration and payment details fully to **vitmm@vit.ac.in**.
- Each school should appoint and mention the details and contact number(s) of the teacher advisor / correspondence person in the registration form.

INSTRUCTIONS FOR ACCOMMODATION

- If the outside participants and their accompanying persons are in need of accommodation facility in our VIT campus, please mention your requirements in the Registration Form so that we can arrange the accommodation in our VIT Hostels on the basis of nominal payment. After registering your participation, hostel accommodation fee and contact details for accommodation will be intimated to you through your registered mail / phone.

We invite a team of students accompanied by a teacher advisor from all schools to participate in the VIT Mathematical Meet - 2020 and request you to experience a Great Day with us in the VIT, Vellore.



VIT - A PLACE TO LEARN; A CHANCE TO GROW.