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

A MATHEMATICAL EVENT

IDEATHON 3.0

INNOVATE - INCUBATE - INSPIRE

DEPARTMENT OF MATHEMATICS
SCHOOL OF ADVANCED SCIENCES

&

OFFICE OF THE STUDENTS' WELFARE
VITMAS- Student Chapter
5TH PILLAR – VIT

Date : 20th - 22nd September 2019
Venue : TT Gallery-1

5th PILLAR NGO

An event that tests your aptitude, technical skills, team spirit and management skills.

ABOUT US

SCHOOL OF ADVANCED SCIENCES

The School of Advanced Sciences (SAS), VIT consists of Mathematics, Physics and Chemistry Departments. The school offers M.Sc., M.Phil. and Ph.D. programmes in all these disciplines. The School comprises qualified and research oriented faculty members whose expertise are in the frontier areas in sciences. Faculty members of SAS have received national and international recognized funded projects to the tune of 10 crores ongoing projects in SAS. Several research projects of the school are financially supported by some of the leading funding agencies such as NBHM, UGC, CSIR, DRDO, DST, DBT and Others. In addition, they have published international research papers and filed patents. The curriculum keeps abreast of the latest advancements in the respective domains and endeavours to mould the students into job seekers. The students are placed in reputed companies in India and overseas.

DEPARTMENT OF MATHEMATICS

Mathematics is an essential component of all engineering disciplines. The Mathematics department has 108 faculty members who support the other engineering departments through teaching and also actively involved in academic research in different areas such as Algebra, Analysis, Complex Analysis, Differential Equations, Fluid Dynamics, Graph Theory, Operations Research, Inventory Systems, Queuing Theory, Coding Theory, Mathematical Modeling, Fuzzy Mathematics, Numerical Analysis, Mathematical Biology and Others. The department has organized many international conferences, symposia, seminars, workshops, Mathematical Meets, Math Fests, Technical Events, IDEATHONS, Math-A-Thons, Stat-A-Thons and many lecture series.

OFFICE OF THE STUDENTS' WELFARE

The Students' Welfare Office is responsible for various issues pertaining to student permissions, and supports the activities of the clubs and chapters. The office works in association with the Student Council of the University and addresses the various concerns of students.

5th PILLAR-VIT

5th Pillar VIT NGO is a student club, dedicated to fight social evils like corruption, inequality for women etc. Our goal is to fight for a socially justice and morally strong world for our future generation. To turn our vision into a reality we organise a plethora of events in and around campus like marches, help desks, debates, discussions and we also write a blog to make our voices heard globally.

VITMAS

VITMAS, VIT Mathematical Association Student chapter is a student chapter whose sole purpose is to harness, nourish and guide the students' hacks of day to day problem statements towards a success-oriented path integrated with a funding to develop a fully functioning prototype with mathematical idaes. The members of the chapter are divided into teams of five, with the motivation of working on the project ideas put forth by each of us and attending every hackathon possible to bring out the ideas in real life cenario.

ORGANIZING COMMITTEE
HONOURABLE PATRON
Dr. G. Viswanathan
Founder & Chancellor, VIT
PATRONS
Mr. Sankar Viswanathan
Vice President, VIT
Dr. Sekar Viswanathan
Vice President, VIT
Mr. G.V. Selvam
Vice President, VIT

Dr. Sandhya Pentaredddy
Executive Director, VIT

Ms. Kadhambari S. Viswanathan
Assistant Vice President, VIT
CO-PATRONS
Dr. Anand A. Samuel
Vice Chancellor, VIT

Dr. S. Narayanan
Pro-Vice Chancellor, VIT

Dr. K. Sathiyanarayanan
Registrar, VIT

CHAIR PERSONS

Dr. A. Mary Saral

Dean, SAS, VIT

Dr. Mahindrakar Amit Baburao

Director, Students' Welfare, VIT

Co-CHAIR PERSON

Dr. B. Rushi Kumar

HoD, Mathematics,SAS, VIT

CONVENOR

Dr. M.S. Jagadeesh Kumar

Department of Mathematics, SAS, VIT

Organizing Secretaries

Dr. D. Easwaramoorthy

Dr. S. Nandhini

Department of Mathematics, SAS, VIT

Organizing Team Members

Faculty Members, Staff Members and Research Scholars

Department of Mathematics, SAS, VIT

Student Members

Office of the Students' Welfare, VIT
VITMAS-Student chapter
&
5th Pillar – VIT

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IDEATHON 3.0 - A GLIMPSE

Ideathon 3.0 will be a 48 hours long event, where students find solutions based on a mathematical approach, for a problem statement provided to them. This multilevel event will be conducted jointly by the Department of Mathematics, School of Advanced Sciences, VIT and the students of 5th Pillar Student Club along with the VIT Mathematical Association-Student Chapter. The event will have three rounds: a computer-based selection test, a filtering stage, and the final stage. We will only take 1500 participants for the first round. The range of solutions can vary in using fields of mathematical applications in engineering. Students will get an oppurtinuty to utilize the existing research ideas to find solutions for real life problems. The first round is a computer-based mathematics test, which is the permilinary roundto enter the second round. The next round will be a filtering round where the students as teams, have to present their ideas briefly . The last round is an overnight round, which has to be utilized by the teams to present their ideas which may result as a prototype or project infront of panel.

SUCCESS JOURNEY OF IDEATHON 2.0

Ideathon 2.0 was conducted on October 27th and 28th 2018. It was one of the biggest events in VIT with 1300 participants from all branches, competing for the best solution for the given problem statement.The multilevel event was conducted jointly by the Department of Mathematics, School of Advanced Sciences, VIT and their students of 5th Pillar student club along with the VIT Mathematical Association-student chapter.The winners claimed a cash prize of 24K and a project funding of worth ₹100k. This year we present yet another iteration which will be a bigger and better version of ideathon named IDEATHON 3.0

TIMELINE

INAUGURATION (DAY-1)

THE INAUGURAL CEREMONY TAKES PLACE IN TT GALLERY-1 AT 5:00 PM. ALL ARE INVITED AND INSTRUCTIONS FOR ROUND-1 WOULD BE IMPARTED AT THE END OF THE CERMONY

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ROUND 1(DAY-1)

AS SOON AS THE INAUGURAL CEREMONY ENDS, THE FIRST ROUND WILL COMMENCE. THIS WILL BE A CBT (COMPUTER BASED TEST) FROM MAT1011. IT WILL BE CONDUCTED BETWEEN 9:00 PM TO 11:00 PM.THE RESULTS WILL BE ANNOUNCED AND THE QUALIFIED STIDENTS WILL BE NOTIFIED THROUGH THE WEBSITE(refer last page).

ROUND 2 (DAY-2)

THE STUDENTS WHO WERE SELECTED FOR THE SECOND ROUND WILL GET A PROBLEM STATEMENT AND WILL HAVE TO IDEATE A SOLUTION FOR IT IN TEAMS. THEY WILL HAVE TO PRESENT THEIR IDEA TO A PANEL THE RESULTS WOULD BE ANNOUNCED AND THE TEAM LEADER WOULD BE NOTIFIED BY 7:00 PM THROUGH THE WEBSITE.

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ROUND 3 (DAY-3)

THE TEAM MATES WILL HAVE TO WORK ON THEIR IDEA AND MAKE IT PRESENTABLE IN THE FINAL ROUND.

JUDGING WILL START BY 9:00AM (DAY-3)

THE VALEDICTORY CERMONY WILL BE END BY 5:00 PM WITH THE ANNOUNCEMENT OF RESULTS.

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FAQ'S

Q1. When will the event be held?
Ans: The event will be held on 20th, 21st and 22nd September,2019.

Q2. How many rounds will be there?
Ans: There will be 3 rounds. The first round will be a CBT (Computer Based Test) from MAT1011. In the second and the third rounds a problem statement would be provided on spot were participants are expected to present their ideas in teams.The third round will conclude the event and the entire event will be 48hrs long.

Q3: How much does the registration cost? Where can I register?
Ans: The registration cost is Rs.200 per person. You can register online at the payment portal on our website(refer last page).

Q4. Can we form our own teams?
Ans: The first round of the test will be an individual round. Teams will be formed in the second round. You can form your own team of 5 members among qualified students in the second round, or we will assign your teammates.

Q5. Does everyone have to attend the Inaugural ceremony?
Ans: It is recommended for everyone to attend the inaugural ceremony, as instructions for the Round-1 would be imparted at the end of thesession. The first round will commence only after the inaugural ceremony.

Q6. What will be the format of the first round?
Ans: The first round will be an online MCQ test. Your login details will be sent to you via mail/text, beforehand.

Q7. Which subjects can I apply Additional Learning at a time?
Ans: You can only choose one of these course codes:
MAT2002,MAT 2003 MAT3002, MAT3003, MAT3004, MAT3005, MAT1014, MAT 1016.

Q8. Who can I contact for any queries?
Ans: You can contact Mr. SHIVANSH (9088675386) or
Mr. NALIN REDDY (7013706673).

REGISTRATION DETAILS

https://www.ideathonvit.in/

REGISTRATION FEE : Rs 200/-
VENUE : TT GALLERY-1

Facebook Handles

https://www.facebook.com/5pvit/

https://www.facebook.com/
vitmasstudentchapter/

Instagram Handles

https://www.instagram.com/5pvit/

https://www.instagram.com/
vitmas_/

Contact Us

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