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Convener

Dr. B. Rushi Kumar, HoD, Mathematics, SAS, VIT

Organizing Secretaries

Dr. Raja Das

Dr. Peri K Kameswaran

Registration Details

Registration for the event can be done by filling-out the VIT online form before the due date.

http://info.vit.ac.in/Events-VIT/Math-a-Thon2019/apply.asp

[Minimum - 2 members per team]

[Maximum - 3 members per team]

Registration Fee

Rs. 300.00 per team

Important Dates:

Last date for Registration : 10/03/2019

Math-a-Thon Date : 15-17/03/2019

For further details and query, kindly contact

Dr. Raja Das and Dr. Peri K Kameswaran

Department of Mathematics

School of Advanced Sciences

A National level

Math-a-Thon

Department of Mathematics

School of Advanced Sciences

15 - 17 March 2019

VIT®

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

VIT

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G. Viswanathan. VIT attracts students from all the 29 states of India and more than 41 different countries because of its academic excellence. The credentials of VIT in academics and research, has 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 Ranking. The world ranking body namely the QS 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 Journal papers in 2016, among Indian Universities, 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. VIT has introduced many innovations in academic processes, which adds value to every student. FFCS (Fully Flexible Credit System), PBL (Project Based Learning) for better learning, fully digitized academic portals that assists students in equipping themselves for 2020 market place, Hackathons / Makeathons as part of curriculum exercise which kindles the interest and the curiosity of students, which moulds them to be better problem solvers, 8th module in every subject being handled by industry experts, making the students contextualize the concepts they study in the classroom, are a few of the innovations that VIT has introduced.

SAS

The School of Advanced Sciences (SAS) includes Mathematics, Physics and Chemistry disciplines. The school offers M.Sc., M.Phil. & Ph.D. programs. The faculty of the school comprises qualified and goal-oriented members whose research expertise includes major frontier areas in Mathematics, Physics and Chemistry. Currently, the faculty strength of the school is 186.

Department of Mathematics

Mathematics, the queen of sciences, is an essential component of all engineering disciplines. The Department of Mathematics at VIT comprises of 90 faculty members dedicated to fulfil the needs of all the engineering departments. All the faculty members are doctorates and are actively involved in research activities in addition to the regular teaching activities. The faculty members of the Department are specialized in frontier areas of Mathematics such as Algebra, Functional Analysis, Complex Analysis, Computational Fluid Dynamics, Mathematical biology and ecology, Biogeochemical modelling, Geometric Function Theory,

Network and Graph Theory, Stochastic Processes, Queuing Theory, Coding Theory, Theory of Computation, Fuzzy Logics, Optimal Control Problems, Numerical Methods etc. The Department, till date, has produced 43 PhDs in different branches of Mathematics. Several research projects of the department are financially supported by some of the leading funding agencies such as CSIR, DRDO, DST and NBHM. The department is also serving the requirements of the leading industries through consultancy projects.

About Math-a-Thon

Math-a-thon is a one day competition for developer, where the participants can showcase their design idea. This event provides a platform exclusively for students to have an exposure of creating innovative solution. The event is primarily meant to motivate and encourage the students to think out of the box.

1. The technical activity should be directly related to the course for which the additional mark is claimed.

2. Faculty member handling the course should be a part of the event / evaluation team and therefore only technical activities that are scheduled at VIT is considered for additional learning.

3. Minimum duration of the technical event should be 24 hours (Continuous).

4. The following are the guidelines related to awarding marks for participation in technical events

   - 10 Marks - Prize winners in the technical event (irrespective of I/II/III)

   - 8 Marks – Letter of appreciation from the industry personnel involved in the assessment

   - 6 Marks – Development of Prototype / Working model / coding

   - 2 Marks – Participation in the said technical event without substantial output

Target Participants

Exclusively for B.Tech / M.Tech Students