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Shri. M.V.Muthuramalingam
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Velammal Educational Trust

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Vice Chairman,
Velammal Educational Trust

Dr. N. Suresh Kumar

Principal,
Velammal College of Engineering and
Technology, Madurai.

CONVENER

Dr.A.P.Pushpalatha
Professor & Head
Department of Mathematics

CO-ORDINATORS

Dr. S. Karthikeyan
ASP, Department of Mathematics
Dr. M. Sornavalli
AP, Department of Mathematics

Organizing Committee

Mrs.A.Maheswari, Asst. Professor
Mr.K.Pitchaimani, Asst. Professor
Dr.S.Balamurugan, Asst. Professor
Mrs.S.Anandha Prabhavathy, Asst. Professor
Mr.S.Kumar, Asst. Professor
Mrs.S.Suganthi, Asst. Professor
Mrs.R.Ramalakshmi, Asst. Professor
Department of Mathematics, VCET.

A TWO DAY NATIONAL CONFERENCE ON “DISCRETE MATHEMATICS AND ITS APPLICATIONS”

(NCDMA'22)
15.07.2022 & 16.07.2022



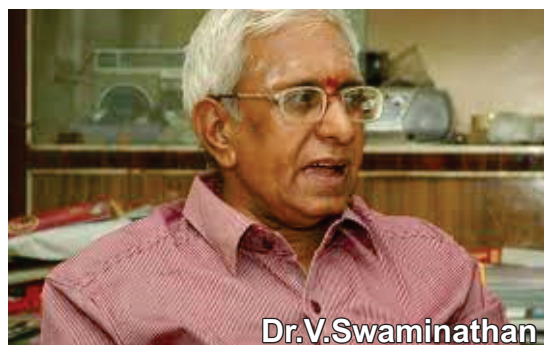
Department of Mathematics,
**Velammal College of Engineering
and Technology**



(Autonomous)
Madurai



in association with
Dr.V. Swaminathan Endowment



Dr.V.Swaminathan

ABOUT THE COLLEGE

Velammal College of Engineering & Technology is one among the 70 Educational institutions founded by Shri M.V. Muthuramalingam. Velammal group has more than 1,50,000 students under its fold. This self-financing institution is approved by AICTE, New Delhi and affiliated to Anna University, Chennai. The institution is accredited with 'A' grade by NAAC. The college has well established infrastructure with 134 experienced faculty members. Among them 55 are with Ph.D. and 36 are pursuing Ph.D. Research and Development is given equal importance in the college. The total research grant received from funding agencies like AICTE, DST, DRDO and MSME is Rs.7.92 Crores. The College has excelled in academics consistently. It has produced 99 University Ranks in UG (2010-14), 19 University Ranks in PG (2012-14 batch) and 44 University Ranks in UG&PG (2011-2015). Placement is also given due importance in the College. 96.51% of the eligible students got placed in leading companies namely ZOHIO, ATHENA HEALTH, KAAR TECHNOLOGIES, DELL Computers, IVTL, CTS, INFOSYS, WIPRO, ASCENDANT, L&T INFOTECH, UST GLOBAL, ATHENA HEALTH, SCOPE INTERNATIONAL, SANMAR, CSC, BNP PARIBAS, HP, DFMSIM, RENAULT NISSAN, AON HEWITT, TRIMBLE, HCL TECHNOLOGIES, SAINT GOBAIN, VVDN, ENDOSYS, TVS & Sons, SIFY, TUBE PRODUCTS of INDIA and ACOUSTICS INDIA in the academic year 2021-2022.

ABOUT THE DEPARTMENT

Mathematics Department of Velammal College of Engineering & Technology has 10 faculty members (4 Doctorates and 3 pursuing Ph.D). Area of research include Graph Theory, Fuzzy Analysis, Fuzzy Algebra and Functional Analysis. Received a grant of Rs.3.18 Lakhs from DST to Popularise Mathematics in the year 2015.

ABOUT THE CONFERENCE

Discrete Mathematics is a bridge connecting Mathematics to various branches of Engineering Sciences. The objective of this conference is

- ★ To discuss versatile techniques in Discrete Mathematics, enable the participants to model computation-related problems and apply discrete structures for their curriculum, research works.
- ★ To strengthen and impart knowledge in the area of Discrete Mathematics
- ★ To highlight the recent scenario of Graph Theory, Fuzzy Mathematics, Networks and Automata Theory
- ★ To encourage and carryout research in the domain of Discrete Mathematics

Topics to be covered:

- ✕ Graph theory and its Applications
- ✕ Fuzzy Mathematics and its Applications in Decision Making.
- ✕ Automata Theory and its Applications.
- ✕ Neutrosophic sets and its Applications

INVITED RESOURCE PERSONS

Dr.S.S. Kamath,

Professor,
National Institute of Technology, Surathkal,
Karnataka.

Dr.V. Lakshmana Gomathi Nayagam

Professor,
National Institute of Technology, Trichy.

Dr. Aparna Lakshmanan S

Assistant Professor,
Department of Mathematics,
Cochin University of Science and Technology,
Cochin.

Dr.G.Sethuraman

Professor, Department of Mathematics,
CEG Campus, Anna University,
Chennai.

Dr.I.Sahul Hamid

Dean (Planning and Development),
Assistant Professor,
Department of Mathematics
The Madura College, Madurai

Dr. M.A.Shalu

HOD, Department of Mathematics
Indian Institute of Information Technology,
Design and Manufacturing, (IITDM),
Kancheepuram.

Call for Papers:

Papers are invited for presentation on all aspects of Discrete Mathematics. Abstracts not exceeding 200 words should be sent to vcetmathsncdma22@gmail.com

All the Accepted and scrutinized papers will be published in **SCOPUS / UGC / Web of Science** listed journal on agreeable financial terms by the authors. **One of the paper will be selected as the Best paper which will be published free of cost.**

Important dates: (on or before)

Submission of Abstract : 10.06.2022

Submission of Full Paper : 30.06.2022

Last Date for Registration : 30.06.2022

Registration Fee Details (Per Delegate)

Faculty Members	Rs.750
Research Scholars, M.Phil. , UG &PG Students	Rs.500
Dr.V. Swaminathan Endowment Members	Rs.250

Spot Registration is allowed. The Registration fee covers Conference kit, Presentation material, Certificate of Participation, Lunch and refreshments. The registration fee can be paid using **Google pay** (Mrs.S.Anandha Prabhavathy, 9952144384) declaring your name and Address of the Institution.

Those who want to participate in the conference may fill the registration form

<https://forms.gle/qP9BjR8x3Y85UMBK7> on or before **30.06.2022**

ADDRESS FOR COMMUNICATION

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Advisory Committee

- ✕ **Dr.V.Swaminathan,**
Research co-ordinator (Rtd.)
Saraswathi Narayanan College,
Madurai
- ✕ **Dr. P. Amalorpava Mary,**
Professor (Rtd.)
Fatima college, Madurai.
- ✕ **Dr.P.Jeyanthi,**
Principal,
Govindammal Aditanar College for Women,
Tiruchendur
- ✕ **Dr.A.Wilson Baskar,**
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Saraswathi Narayanan College, Madurai.
- ✕ **Dr. Y.B.Venkata Krishnan**
Associate Professor,
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Sastra University, Tanjore.
- ✕ **Dr. R.Sundareswaran,**
Associate Professor,
Department of Mathematics,
SSN College of Engineering,
Chennai.

**“It is an Opportunity
To Learn and Grow”**