

Conference Report

Graph theory today assumes a unique position as essential structure underpinning modern Applied Mathematics in various fields of human endeavor; be it studies on Social networks, Communication networks, Traffic flow or any such problem dealing with networks. Considering broad scenario of developments on these areas and substantial interest shown by researchers, the need was felt strongly to review the status of research areas in these fields. With this intention, A Two day National Conference on Current Trends in Graph theory and Computation was conducted by the Department of Mathematics, Thiagarajar College of Engineering, and Madurai during 23-24, and February 2017 with full financial support of TEQIP II.

The Conference began with registration on 23rd February 2017. A total of 43 Young Scientists and 7 Senior Scientists from various part of our country took part in the conference. Following registration, the Inaugural Session started with prayer at 10 am. **Dr.V.Ganaraj**, Head of the Department of mathematics, TCE, Madurai welcome the gathering. **Dr.V.Abhai Kumar**, Principal, TCE, Madurai inaugurated the conference by giving Presidential address and in his speech he expressed his pleasure to inaugurate an academic programme of this kind with full of researchers and academicians. And he highlighted the vital role of Mathematics in the development of Science and Engineering. **Dr.V.Mohan**, Registrar, TCE, Madurai, **Dr.V.Vilfred**, Associate Professor of Mathematics (HOD), Central University of Kerala, Kerala and **Dr. V. Swaminathan** Director of Ramanujan Research Center (Retd), S.N.College, Madurai felicitated the conference. They expressed their wishes for the success of the conference and also congratulated the organizing committee for taking efforts to have a conference of this kind. **Dr.E. Sampath Kumar** is known as the **Father of Graph Theory** in India and his birthday is celebrated as **Graph theory Day** every year by Indian graph theorists delivered the Keynote address. In his address, he explained in detail the growth of graph theory particularly in India. He concluded his speech with a request to the younger generation to take a lead in uplifting graph theory to the next level.

The Technical Session was started immediately after the inaugural session was over. On each of the two days of the conference there were four invited talks by Eminent Professors and seven paper presentations by participants from various places. In total, there were eight invited talks and fourteen paper presentations. Most of the participants had fruitful discussion with the resource persons after the technical session as Group discussion.

The Valedictory session was started at 4.30 pm on 24th, February 2017. Dr. N.Chitra, Convener of the conference welcome the gathering. Dr. S.Arumugam, Director, n-CARDMATH & Senior Professor (Research) ,Kalasalingam University, Krishnankoil delivered the Valedictory address. In his speech, he expressed his pleasure to take part in the conference. He also added the necessacity of quality research on the chosen topic by highlighting the importance and applications on those topics in various fields such as networking, communication engineering.

Finally Dr. A. Anitha, Convener of the conference proposed Vote of Thanks. He thanked the TEQUIP II for the financial support, The Management for the organizational help and everyone who had worked for the success of the conference. The conference ended with National Anthem.



THIAGARAJAR COLLEGE OF ENGINEERING
(A Govt. Aided Autonomous Institution Affiliated to Anna University)
Madurai – 625 015



A Two Day TEQIP II sponsored
National Conference on Current Trends in Graph Theory and Computation

February 23 & 24, 2017

Registration

S.No	Name and Address	Regn. fee (In Rupees)	Signature
1.	R. Amutha Associate Professor N.M.S.S.V.N College, Madurai Email: amuthasvn@gmail.com	600	
2. ✓	S.AnandhaPrabhavathy Assistant Professor Velammal college of Eng. & tech., Madurai. Email: prabhamaths6@gmail.com	600	 23/2/17
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4. ✓	P. Aristotle Research Scholar PG & Research Department Of Mathematics, Raja Doraisingam Government Arts College, Sivagangai – 630 561. Email: aristotlesuga05@gmail.com	500	*

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8.	G. Kokilambal <i>Reservist Candidate</i>		

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