

## A Brief report of the workshop.

A two-day lecture workshop in Mathematics was conducted on 27<sup>th</sup>-28<sup>th</sup> Feb 2009 at The National Degree College, Basavanagudi Bangalore-4. The workshop is supported and sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi, and National Academy of Sciences Allahabad. The object of the workshop is to help motivated students to improve their back Ground knowledge and learning skills. The duration of the workshop was two-days, each day 4 lecture sessions of 1 hour 15 minutes each. Four eminent professors from Indian Institute of Science Bangalore. (i) Prof.K.Verma, (ii) Prof.Basudeba Dutta, (iii) Prof.A.K.Nandakumarn and (iv) Prof.E.K.Narayanan spoke on 4 topics namely (i) Integral theorems, (ii) Graph theory and its applications (iii) partial differential equations and its applications and (iv) complex Analysis respectively. 103 students from 14 colleges, out of which 13 Bangalore City Colleges and one rural College ( AES National College, Gowribidanur Chickkabalapur district) participated and benefited from the workshop.


Many students participants felt that the workshop gave them more information about the topics delivered, motivated and inspired them to take up higher studies in the Basic Sciences, It has helped them to update the knowledge in various branches of Mathematics. They also felt that, they now have a better picture about the topics discussed than they had earlier. After the lecture Session on the second day of the workshop, feedback was taken from all the participants. No registration fees was collected from the participants.

Prof. Mrinal Ghosh, Chairman, Dept. of Mathematics Indian Institute of Science, Bangalore and Fellow of Indian Academy of Sciences was the convener of the Workshop. Prof.G.B.Gururajachar of the host College was the Co-ordinator.

On the first day of the workshop i.e., on 27<sup>th</sup> February 2009, exactly at 10 AM, a brief inaugural session of the workshop was arranged. Prof.N.Mukunda, Chairman of Indian Academy of Sciences, Bangalore gave key note address and explained briefly the activities of the academy and its Objective in promoting the progress and upholding the cause of Science, both in pure and applied branches. Dr.A.H.Rama Rao, President National Education Society of Karnataka (R) inaugurated the workshop. Dr.M.Leelavathi, Principal of the College and Sri.G.Madhavan, Co ordinator, Science Education Programme, Indian Academy of Sciences Bangalore were present. Staff members from various departments took part in the workshop. On the second day of the workshop i.e., On 28<sup>th</sup> Feb.2009, after the lecture sessions, valedictory function was arranged at 4.30 PM. Prof. I.S.Shiva Kumara, Chairman, Department of Mathematics, Bangalore University delivered the valedictory address and distributed the Certificates to all the participants.

On behalf of the participants. two students One from Jyothi Nivas College Koramangala and another from MES. College Malleswaram Spoke on their experiences about the workshop and said the workshop was very informative, interesting, motivated them to learn more about the subject. All the arrangements made by the host college were excellent and the lecturer sessions were held as per scheduled time table. Sri.V.Manjunath, Secretary National Education Society of Karnataka (R) Presided over the function.

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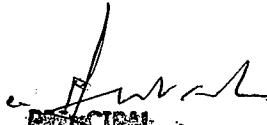
  
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**FIRST DAY 27<sup>TH</sup> FEBRUARY 2009**

9 A.M.	Registration	Topic	Speaker
10 A.M. -	Inaugural Session		
10:30 - 11-45 A.M.	Lecture Session-I	Integral Theorems	Prof. K.Verma I.I.Sc, Bangalore
11.45 - 12-00 Noon	Coffee Break		
12-00 - 1-15 P.M.	Lecture Session-II	Integral Theorems	Prof. K.Verma I.I.Sc, Bangalore
1-15 - 2-00 P.M.	LUNCH Break		
2-00 - 3-15 P.M.	Lecture Session- III	Graph Theory and its Applications	Prof. Basudeba Dutta I.I.Sc, Bangalore
3-15 - 3-30 P.M.	Tea Break		
3-30 - 4.45 P.M.	Lecture Session – IV	Graph Theory and its Applications	Prof. Basudeba Dutta I.I.Sc, Bangalore

**SECOND DAY, 28<sup>TH</sup> FEBRUARY 2009.**

10 – 11.15 A.M,	Lecture Session-I	Partial Differential Equations and its Applications	Prof. A.K.Nanda Kumaran I.I.Sc, Bangalore
11.15 - 11- 30 A. .M.	Coffee Break		
11-30 - 12- 45 P.M.	Lecture Session-II	Partial Differential Equations and its Applications	Prof. A.K.Nanda Kumaran I.I.Sc, Bangalore
12-45 - 1- 30 P.M.	LUNCH Break		
1-30 - 2- 45 P.M.	Lecture Session- III	Complex Analysis	Prof. E.K.Narayanan I.I.Sc, Bangalore
2-45 - 3- 00 P.M.	Tea Break		
3-00 - 4- 15 P.M.	Lecture Session – IV	Complex Analysis	Prof. E.K.Narayanan I.I.Sc, Bangalore
4-15 - 5-00 P.M.	Valediction		

  
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