

XIX CONGRESS OF ANDHRA PRADESH SOCIETY FOR MATHEMATICAL SCIENCES AND NATIONAL CONFERENCE ON MATHEMATICAL ASPECTS OF CRYPTOGRAPHY & NETWORK SECURITY

SCHEDULE FOR 12-11-2010 (FRIDAY)

- 8.30 – 9.00 AM : Breakfast
- 9.00 – 10.00 AM : Registration
- 10.00 – 11.30 AM : **Inaugural Function**
Chief Guest : **Dr. D. N. Reddy Garu**
Vice Chancellor, JNTU Hyderabad
- Guest of Honor : **Prof. Bernard L. Menezes**
Professor, CSE Dept., IIT Bombay
- 11.30 – 12.00 Noon: High Tea
- 12.00 – 12.45 PM : Presidential Address on “Group Testing Using Sequential **Conditional Testing Strategy**”
By : **Prof. V.V. Hara Gopal**,
President, APSMS, Department of Statistics,
Osmania Univesity, Hyderabad.
- 12.45 – 1.30 PM : Key Note Address “**Latest Trends in Network Security and Cryptography**”
By : **Prof. Bernard L. Menezes**
Professor, CSE Dept., IIT Bombay
- 1.30 – 2.30 PM : Lunch
- 2.30 – 3.15 PM : Invited Talk on “**Exponentially Fitted Finite Difference Methods for Singular Perturbation Problems**”
By : **Prof. Y.N. Reddy**,
Professor & Head, Dept of Maths and
Former Registrar NIT Warangal
- 3.15 – 4.00 PM : Invited Talk on “**Mathematics and Internet Security**”
By : **Dr. A. Ramakrishna Prasad**
Professor of Maths & Director of University Industry
Interaction Cell, JNTU Hyderabad
- 4.00 – 4.15 PM : Teak Break
- 4.15 – 5.00 PM : Invited Talk on “**Provable Security in the Realm of Modern Cryptography**”
By : **Prof. B. B. Amberkar**
Professor, CSE Dept. NIT Warangal
- 5.00 - 6.00 PM : **Paper Presentation Session**
- 6.30 – 7.30 PM : Entertainment, Cultural Programmes
- 7.30 – 9.00 PM : Dinner

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SCHEDULE FOR 13-11-2010 (SATURDAY)

- 8.30 – 9.00 AM : Breakfast
- 9.00 – 9.45 AM : Prof. R. Vaidyanath Swamy Memorial Endowment Lecture in Pure Mathematics – Sponsored by Prof. V. V. Subramanya Sastry
Title : Fixed point theory in menger theory
By **Prof. K. P. R. Sastry**,
Retd. Professor of Mathematics
Andhra University, Vishakapatnam
- 9.45 – 10.15 AM : Invited Talk on “**Public Key Infrasructure**”
By **Prof. A. Govardhan**
Principal JNTUHCE, Nachupally, Jagtial
- 10.15 – 11.00 AM : Prof. A. RadhaKrishna Endowment Lecture in Algebra sponsored by his students Prof. T. Srinivas & Dr. K. Yughandhar
Title : " SHEAVES OVER BOOLEAN SPACES "
By **Prof. U. M. Swamy**
Retd. Profesof of Mathematics
Andhra University, Vishakapatnam
- 11.00 – 11.15 AM : Tea Break
- 11.15 – 1.30 PM : **Paper presentation Session**
- 1.30 – 2.30 PM : Lunch Break
- 2.30 – 3.15 PM : Smt. & Sri G. P. Sarma Memorial Endowment Lecture on Theoretical Computer Science
Title : Unique Symbiotic Relatonships Among Cryptography, Distributed Algorithms, Coding Theory and Quantum Computing
by **Prof. Srinathan Kannan**
Dept. of Computer Science, IIT Hyderabad
- 3.15 – 4.00 PM : Prof. M. L. Narayana Rao memorial Lecture in Algebra and its applications to Geometrics sponsored by his students
Title : “Construction of translationplane of order 92 and computation of its translation complement “
By **Prof. K. V. Durga Prasad**
Retd. Professor of Mathematics
Osmania University, Hyderabad
- 4.00 – 4.15 PM : Teak Break
- 4.15 – 5.30 PM : **Best Paper Presentation Session**
(For Prof. Meenakshi sundaram Memorial Best Paper Award)
Best Paper Presentation Session
(For Prof. U.M. Swamy Best Paper Award)
- 5.30 – 6.30 PM : **Paper presentation Session**
- 6.30 – 7.30 PM : General Body Meeting
- 7.30 – 9.00 PM : Dinner

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SCHEDULE FOR 14-11-2010 (SUNDAY)

- 8.30 – 9.00 AM : Breakfast
- 9.00 – 11.00 AM : Paper Presentation Session
- 11.00 – 11.15 AM : Tea Break
- 11.15 – 11.45 AM : Invited Talk on "**Hermite and Spline Interpolations**"
by **Prof. N. Ch. Pattabhi Ramacharyulu**
Rtd. Professor, Dept. of Mathematics, NIT Warangal
- 11.45 – 12.30 PM : Prof. Kanduri Laxmi Narasimha Swamy Endowment Lecture on Algebra
and applications sponsored by Prof. K. L. N. Swamy felicitation Committee
Title : “ Application of Algebra in Graph Theory”
By **Prof. V. Swaminathan**
Professor of Mathematics,
Annamalai University, Tamilnadu
- 12.30 – 1.30 PM : **Valedictory Function**
Chief Guest : **Prof. V. Rama Rao**
Director, NIT Warangal
Guest of Honor : **Prof. N. LingaMurthy**
Former Vice Chancellor
Kakatiya University, Warangal
- 1.30 PM : Lunch

