



NCNIS-2010 CALL FOR PAPERS

*National Conference on Networking and Information Security
March 27-29, 2010*

*Organized by:
Computer Science & Engg, Dept
Sikkim Manipal Institute of
Technology, Sikkim*

*Sponsored by:
DST, New Delhi*



National Conference on Networking and Information Security (NCNIS) is an open forum for the exchange of state-of-the-art knowledge on Network and Information Security amongst researchers from various forums. This conference will be composed of contributed and invited papers of high quality standard and will encourage contributions in the fields of network & security. The program committee is soliciting significant research contributions to the theory, specification, design and implementation of network & security.

Important Dates:

Papers Submission: 1st Mar 2010
Acceptance Notification: 10th Mar 2010
Camera Ready Copy: 15th Mar 2010
Last date of Registration: 20th Mar 2010
On spot registration: 27th Mar 2010

Registration Fees:

Faculty participant: Rs. 2500/-
Student participant: Rs. 2000/-
R&D/ Industry participant: Rs. 3000/-
On spot registration: Rs. 3000/-

Payment should be made by DD in favour of
SMIT payable at any Bank at Gangtok

Topics to be covered:

The topics are as follows but are not limited to

Networks	Wireless Communication
Cryptography and Security	Elliptic curve Cryptography
Key management protocols	Public key cryptography
Watermarking	Digital signature
Quantum cryptography	Public key cryptanalysis
Hash functions	Symmetric-key cryptanalysis
Number theory	Secret-sharing
Applications of cryptography	Cryptanalysis
Mobile Computing	Ad-hoc / Sensor networks
Block/Stream ciphers	Secret key cryptography

OR ANY OTHER RELATED TOPICS (Selected paper will be published in International Journal)

Paper Submission

Submitted papers must be written in English following IEEE conference paper format and should not exceed 5(five) A4 size pages. The first page must include the title of the paper, author(s) names and affiliation, an abstract, keywords, address for corresponding author, fax number, email. The papers must be submitted electronically to [<editor.ncnis_2010@yahoo.com>](mailto:editor.ncnis_2010@yahoo.com)

The selection of contributions to be presented at the conference and published in the proceedings will be based on peer-review by the Expert Committee. It is required that each accepted paper be presented at the conference by one of its authors, otherwise only the abstract will be published. Authors of accepted papers are required to submit the final, camera-ready versions of their papers by March 15, 2010 to: [<editor.ncnis_2010@yahoo.com>](mailto:editor.ncnis_2010@yahoo.com)

Participation:

At least one author of each contributed paper shall register for presenting the paper. All the presented papers will be published in the Proceeding of NCNIS-2010. For the papers which are not presented by the authors, paper will not be included in the Proceeding. In addition, a local tour to the places of tourist interest in and around Gangtok will be arranged for the interested participants on payment basis. For further details, please contact the coordinator [<convener.ncnis_2010@yahoo.com>](mailto:convener.ncnis_2010@yahoo.com).

Organizing Committee:

Chief Patron: Brig (Dr.) S. S. Pabla, Hon'ble Vice-chancellor, Sikkim Manipal University, Tadong, Gangtok, East Sikkim.

Patron: Prof. N. V. Subba Reddy, Director, Sikkim Manipal Institute of Technology, Majitar, East Sikkim.

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ABOUT SIKKIM

A jewel embedded in snow clad mountain, Sikkim is a primeval land that is unlike anywhere else where one dreamy day blends into the next. Bordered by Tibet, Bhutan, Nepal and West Bengal, Sikkim's rugged and dramatic terrain has elevation variations ranging from 300 meters to 8500 meters. This land of mystery and myths cast an enchanted spell that holds the visitor in thrill. The whole vast landscape studded with ancient stupas and monasteries, the tranquil somber monastic life and pageantry pomp and splendor of the festivals stand in dramatic contrast of the recollections of the modern world you have left far behind. One of the unique features of the Sikkim Himalayas is the beauty of numerous mountain lake flowers in a riot of colors beyond your imaginations. The chance to gaze upon the shy deer or wave out to the exotic Red Panda perched among the three tops is overwhelming.

ABOUT SMIT

The Sikkim Manipal Institute of Technology was established in 1997 as a constituent college of Sikkim Manipal University and is approved by UGC and AICTE. SMIT has NBA Accreditation in 2008 vide NBA/ACCR-860/06 dt. 22.1.2008 and ISO 9001 accreditation vide NS-EN ISO 9001:2000. The engineering college has its own campus spread over 33 acres of land located at Majitar, East Sikkim. The institute's location in the bank of river Teesta, surrounded by green hill, adds to the vibrancy of the campus and makes it an ideal place for learning. The institute offers technical education at Graduation & Post Graduation level in the field of Technology and Management. It is 80 kms from NJP/Bagdogra by road and can be reached by Bus/Share Taxi within 2.5 – 3 hours of travel from these destinations.

With state-of-the-art infrastructure, a well stocked library, sophisticated technical labs set up in collaboration with industry, industry interaction, a placement cell, and closeness to nature make it one of the best engineering institutes in the country today.

ABOUT CSE DEPARTMENT

The Department of Computer Science Engineering is the largest department in SMIT, having 33 faculty members. The department possesses two well equipped laboratories with all the modern computing facilities with over 300 P4 computers, 5 high-end servers, 8 Mbps Broad band & 2Mbps leased line for Internet, WiFi campus and various licensed software in different domains. This department provides quality education to more than six hundred students enrolled for B. Tech. in CSE, and Masters programs in Computer Applications (MCA), M.Tech in CSE. The department also run the Doctoral programmes in diverse field of computing science.

In addition to teaching, the department also imparts training & research activities in different emerging areas of computing science. The department is also carrying out various academic/research projects for Border Roads Organization, DST and Sikkim Government in the field of Geoinformatics. This year, ISRO has provided financial grant to establish a Centre of Excellence in RS & GIS under CSE Department at SMIT.

To cater the day to day needs of the students as well as the faculty-members, the Department run a self-sufficient Library consisting of 500 titles, 1500 volumes of course books and advanced research. Regular workshops are conducted by the faculty as well as Students on various topics like Maya, Networking, Java, DIP etc beyond the class- hours. Short term courses by Professional training agencies from IIT, Kharagpur, ISI, Kolkata, MicroPro, and Kolkata are also arranged in the Department.

To impart quality leadership to our students, we encourage various technical as well as cultural activities through our students 'body like ACCESS (All Core Computer Engineering Students' Society), SIG (Special Interest Groups), VIBRANCE (the cultural body) etc.

REGISTRATION FORM

NCNIS-2010

(Sponsored By: Department of Science & Technology)

Name:.....

Designation:.....

Specialization:.....

Affiliation/Institute:.....

Address:.....

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PIN:.....

Email:.....

Telephone/Mobile:.....

Registration fees: Rs.....

DD No:.....dt:.....

Title of the paper:.....

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Accommodation required (on payment basis): Yes/No

Food habit: Veg/ Non-veg

No. of persons accompanying: Self +

Interested for site seeing on payment basis: Yes/No

Date..... Signature:.....

Place:.....

(Use photo copies for additional registration)

For further information, please contact:

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