Workshop Venue:
Conference Hall
Department of CSE, Tezpur University, Napaam,
Tezpur 784 028, Assam

All correspondences are to be made to:

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Call for Paper

National Workshop
on
Design and Analysis of
Algorithms

22-23 Jan, 2010

Sponsored by
UGC
AICTE

Organized by

Department of Computer Sc. & Engineering

Tezpur University

Tezpur - 784 028

Assam (India)

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About Department of CSE

The *Department of Computer Sc. & Engineering* was started with the object of promoting specialized knowledge in the field of computer science and information technology. In view of the world- wide shortage of skilled manpower in the field of computer science, the Department strives to channelize talented youth to this challenging and knowledge intensive field by imparting quality technical education and skills, and by engaging in research in the field. The programmes started under this Department were M. Tech. in IT, Master of Computer Application, B.Tech in Computer Science and Engineering and PhD in Computer Science and Engineering.

About Tezpur University

Tezpur University, a Central University, was established in 1994 under an act of Parliament. Its avowed objectives are to establish itself into a scientific and technological institution par excellence catering to the needs of the region as well as to establish itself as a research institution in the frontier areas of science and technology. It is a growing university with more than 1500 students and over 100 faculty members at present. Since its inception, Tezpur University has emerged as a premier institution of the region providing leadership and innovation in the field of higher education. The University now has sixteen academic departments and one centre.

About Tezpur

Tezpur is the headquarters of the centrally located Sonitpur district in Assam. Mythologically known as Sonitpur, Tezpur is famous as a seat of Assamese culture. Located on the northern bank of the Brahmaputra, 180 kms north east of Guwahati, Tezpur overlooks the beautiful snow peaks of the Himalayas throughout the winter. Several ancient sites such as *Bamuni Hills, Hazara tank, Da-Parbatia Gate, Mahabhairab temple, Bhairabi Temple, Agnigarh* etc. in and around Tezpur are

worth visiting. The *Chitralekha Udyan*, the 3.05 kms long *Kalia-Bhomora bridge* over the Brahmaputra are two spots which attract many visitors. Other important tourist spots around Tezpur include Bhalukpung (64 km), Tipi (68 km) which is famous for the largest orchid garden in Asia, the Nameri National Park (60 km), the *Orang Sanctuary* (40 km) etc. The *Kaziranga National Park* which is the habitat of the great Indian *one horned rhinoceros* is 75 kms away from Tezpur.

How to reach Tezpur

By Road: Bus services are available from all major places in Assam. Frequent buses from Guwahati are available (ASTC, Green Valley, Blue Hill Services etc.) from the Inter State Bus Terminus (ISBT). Shared taxis also operate from Paltan Bazar, near the Guwahati Railway station.

By Train: Guwahati is well connected by train with all major places in India. From Guwahati it is advisable to come to Tezpur by Bus.

By Air: There is a tri-weekly flight connecting Tezpur to Kolkata. Also, Guwahati is well connected by air with all major places in India. Guwahati to Tezpur is a four and half hour drive.

Objective of the Workshop

The workshop is being organized to highlight the essence of sound design and analysis of algorithms in various domains of Computer Science. Leading researchers would provide insight on algorithm design for some frontier areas of research, so as to provide an overall perspective to the young budding scientists. It will provide opportunities to the teachers and professionals in the field to update their knowledge and allow them to interact for further collaborative works.

The **major topics** to be deliberated in the workshop include (not limited to):

- *Computational Complexity*
- *Computational Geometry*
- *Knowledge Representation and Reasoning*
- *Language Processing*
- *Clustering and Association Rule Mining*
- *Soft Computing*
- *Cryptography*

Submission Guidelines

Eight page (A4 size) full paper in 11 pt is to be submitted by e-mail. Formatting guidelines is available from http://www.tezu.ernet.in/~nwdaa10/. There will be a special session on students' paper presentation.

Important Dates

Submission of Full Paper	: 1 October, 2009
Acceptance Notification	: 1 November, 2009
Camera-ready Due	: 8 November, 2009

Publication of Proceedings

The Proceedings of the workshop will be published by a publisher of international repute and will be delivered during registration.

Advisory Committee

M K Choudhury, Vice Chancellor, TU
G Barua, Director, IIT, Guwahati
C A Murthy, ISI, Kolkata
B P Sinha, ISI, Kolkata
P P Chakraborty, IIT Kh
J K Kalita, UCCS, USA
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A Das, St Anthony Coll., Shillong
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B Roychoudhury, RGIIM, Shillong
S Nagi, St. Edmund Coll., Shillong
B Dey, NIT Silchar
G P Khataniar, AEI, Guwahati

Local Organizing Conmittee

U Sharma, TU, *Convener*
N Sarma, TU
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S S Satapathy, TU
R Das, TU
S K Deka, TU
L B Singh, TU
D Das, TU
R Goswami, TU
P J Dutta, TU

Registration

	Employee Rs	Student Rs
Academic/ R&D	1500	500
Industry	3000	
Deadline	05 January	

Other Information

Accommodation: Participants will be provided accommodation in the hostel and also in the Guest House, subject to the availability of the seats.