



North-Eastern Regional Science Congress on "Science For Shaping The
Future Of India"

on 11th - 13th March, 2013 at

National Institute of Technology, Arunachal Pradesh

Subject: Schedule for North-Eastern Regional Science Congress

Venue : Inaugural Pandel, National Institute of Technology – Arunachal Pradesh, Yupia, Doimukh, Papum
Pare, Arunachal Pradesh – 791112.

Date : 11th March'2013

Time	Programme Schedule
09:00 am - 11:00 am	Spot Registration (Not for Author)
11:00 am -11:25 am	High Tea
11:30 am	Dignitaries to Dais
11:30 am to 11:35 am	Lighting of Lamp by the Hon'ble Chief Guest
11:35 am to 11:40 am	Invocation Song by the students
11:40 am to 11:45 am	Presentation of Bouquet & Memento by the Director
11:45 am to 11:55 am	Welcome Address and Programme details by, Prof Dr. C T Bhunia, Director, NIT, Arunachal Pradesh
11:55 am to 12:05 pm	Address by Dr. G Prathap, Chairperson, BOG, NIT, Arunachal Pradesh.
12:05 pm to 12:10 pm	Address by Dr. Manoj Kumar Chakrabarti, General Secretary (Membership Activities),, Indian Science Congress Association, Kolkata

12:10 pm to 12:15 pm	Address by Dr.(Mrs.) Vijay Laxmi Saxena, General Secretary (Scientific Activities), Indian Science Congress Association, Kolkata
12:15 Noon - 12:20 am	Release of International Journal on Current Science & Technology/Proceedings of Science Congress
12:20 pm to 12:25 pm	Inaugural & Presidential Address by His Excellency, General J. J. Singh, PVSM, AVSM, VSM (Retd.) Governor of Arunachal Pradesh
12:25 am to 12:35 pm	Vote of Thanks by Dr. Pinaki Chakraborty, Conference Convenor, NIT, Arunachal Pradesh
12:35 pm	National Anthem
12:45pm to 2:00 pm	Lunch Break

A. Technical Session : Invited Talk: 2:30pm – 5:30pm

Session – I

Venue : Seminar Hall

Session Chair: Prof. Surabhi Banerjee, Vice – Chancellor, Central University of Orrisa

Time	Programme Schedule
2:30 pm to 3:00 pm	Invited Talk by Dr. Gangan Prathap, Director, NISCAIR, New Delhi
3:00 pm to 3:30 pm	Invited Talk by Prof. R. N. Bera, Professor, SMU
3:30 pm to 4:00 pm	Invited Talk by Prof. Dilip Sinha, Former Vice-Chancellor, Viswa Bharati
4:00 pm to 4:15 pm	Tea Break
4:30 pm to 5:00pm	Reviewing And Sggestions For Revamping Technical Higher Education In India To Meet The Challenges Of Future Scenario by A. Bhunia, A. Bhunia, S. K. Chakraborty, P. Chakraborty, R. S. Goswami, N. Pramanik, M. K. De, P. K. Samanta and C.T. Bhunia
5:00pm pm to 5:30 pm	Invited Talk by Dr. Subodh Kumar Jain, ISCA, Kolkata

B. Cultural Programme: 6:00 pm to 7:00 pm at Inaugural Site

C. Dinner : 7:30 pm at Director's Bunglow

Date : 12th March'2013

A. High Tea : 10:00am – 10:30am

B. Technical Sessions : Invited Talk: 10:30am – 11:00 am

Venue : Seminar Hall

Session Chair: Prof. Binoy Singh, Professor, NERIST

Invited Talk by Prof. G. K. N. Chetty, Professor, Manipur University

C. Technical Sessions : Oral Presentation: 11:00am – 3:10 pm

Session - I: Venue : Seminar Hall Session Chair: Prof. Binoy Singh, Professor, NERIST			Session - II: Venue : R-201 Session Chair: Dr. N. K. Pramanik		Session - III: Venue : R-208 Session Chair: Dr. Bubu Bhuya		Session - IV: Venue : R-206 Session Chair: Prof. G. K. N. Chetty	
Sl No	Paper Title & Author(s)	Time	Paper Title & Author(s)	Time		Time		Time
1	A comparative study of Fungal diseases of french bean (<i>Phaseolus vulgaris</i> . L) in organic and conventional farming system by G. K. N. Chhetry and H. C. Mangang	11:00am - 11:20am	FOTOFUSION - An Analysis of Image Editing on Android Platform as an Application in Smart Phones by Smita Das, Nitesh Kr. Singh, Mukesh Kumar, Ashok Ajad, Priya Khan	11:00am - 11:20am	Multichannel Transceiver System Design Using Uncoordinated Direct Sequence Spread Spectrum by S.Kalita, R.Kaushik, M.Jajoo, P. P.Sahu	11:00am - 11:20am	Variation in Indoor and Outdoor Aeromycoflora of a ice Mill in Imphalby A. Premila	11:00am - 11:20am

2	Arbuscularmycorrhizal fungi associated with the rhizospheric soil of potato plant (Solanumtuberosum) in Barak valley of South Assam, India by Sujata Bhattacharjee & G. D. Sharma	11:20am - 11:40am	Denoising of Speckled Images by Sagarika Das	11:20am - 11:40am	Effect of demyelination on conduction velocity in demyelinating polyneuropathic patients by H. K. Das and P. P. Sahu	11:20am - 11:40am	Biochemical Networks: The Chemistry of Life by Rhythm Upadhyaya and Rhyme Upadhyaya	11:20am - 11:40am
3	Biodiversity and conservation strategies of home garden crops in Manipur by A Premila and G. K. N Chhetry	11:40am - 12:00 noon	A Study of Randomness and Variable Key in Cryptography by Achinta Kumar Gogoi, Bidyut Kalita	11:40am - 12:00 noon	From Transistor to Medicine: Materials, Devices, and Systems by Tapas Kumar Maiti	11:40am - 12:00 noon	Imbalance of Technical Education in the North East India and its Effects by Sainkumar Marwein Mawiong	11:40am - 12:00 noon
4	Metabolic Pathways: A review by Daizy Deb and Rhythm Upadhyaya	12:00 noon - 12:20 pm	Approach towards realizing error propagation effect of AES and studies thereof in the light of Redundancy Based Technique by B. Sarkar, C. T. Bhunia, U. Maulik	12:00 noon - 12:20 pm	Enzyme-modified Field Effect Transistors (ENFETs) as Biosensors : A Research Review by Manoj Kumar Sarma and Jiten Ch. Dutta	12:00 noon - 12:20 pm	Imbalance in Technical Education-Regional by Bikash Sah, Nupur, Santosh Shukla, Krishna Kumar	12:00 noon - 12:20 pm
5	Ichthyofaunal Diversity of Simen River in Assam and Arunachal Pradesh, India by Biplab Kumar Das, Aloka Ghosh and DevashishKar	12:20 pm - 12:40 pm	Cipher Combining Technique to tackle Error Propagation Behavior of AES by Rajat Subhra Goswami, Swarnendu Kumar Chakraborty, Abhinandan Bhinia, C. T. Bhunia	12:20 pm - 12:40 pm	Acetylcholine Gated Spiking Neuron Model bySoumik Roy, MeenakshiBoro, Jiten Ch Dutta and Reginald H. Vanlalchaka	12:20 pm - 12:40 pm	Fungal Airspora over onion field in Mnipur valley by A. Premila	12:20 pm - 12:40 pm
6	Recent Advances in Papaya Cultivation and Breeding by Aditi	12:40pm -	Two New Protocols for Improving Performance of Aggressive Packet	12:40pm - 1:00pm	Power Efficient Adiabatic Gray to Binary & Binary to	12:40pm -	Variation in Indoor and Outdoor Aeromycoflora of a ice Mill in Imphal	12:40pm -

	Chakraborty and S. K. Sarkar	1:00pm	Combining by Swarnendu Kumar Chakraborty, Rajat Subhra Goswami, Abhinandan Bhinia, C. T. Bhunia		Gray Code Converter Circuits by Reginald H Vanlalchaka and Soumik Roy	1:00pm	by A. Premila	1:00pm
D. Lunch Break : 1:00pm - 2:00pm								
7	Traditional organic practices with traditional inputs farming for the cultivation of french bean in Manipur by G. K. N. Chhetry and H. C. Mangang	2:30pm - 2:50pm	Review and Security Analysis of an Efficient Biometric-Based Remote User Authentication Scheme Using Smart Cards by Subhasish Banerjee, Uddalak Chatterjee and Kiran Sankar Das	2:30pm - 2:50pm	Light Induced Plating For Enhance Efficiency by Improving Fill Factor and Short Circuit Current	2:30pm - 2:50pm	A Deterministic Inventory Model For Deteriorating Items With Time Dependent Demand and Allowable Shortage Under Trade Credit by Pinki Majumder and U .K .Bera	2:30pm - 2:50pm
8	Induced breeding of eel-loach Pangiopangia, (Hamilton 1822) by Kh. Geetakumari, Ch. Basudha and N. Prakash	2:50pm - 3:10pm	Evolution Strategy for the C-Means Algorithm: Application to multimodal image segmentation	2:50pm - 3:10pm	Image Denoising Using Sparse and Overcomplete Representations-A Study M. K. Rai Baruah	2:50pm - 3:10pm	Development of labview based electronic nose using k-nn algorithm for the detection and classification of fruity odors by N. Jagadeshbabu	2:50pm - 3:10pm

Date : 13th March'2013

Valedictory Interactive Session: 10:00 am to 11:30 am at Seminar Hall

Local Tour : 11:30 am to 3:30 pm

Museum, Zoo, Itaford, Indira Gandhi Park, Ganga Lake. Buddhist Gumpha