

# IGC Executive Council for 2014 & 2015

## **PRESIDENT**

Shri S.Rath

## **IMMEDIATE PAST PRESIDENT**

Shri S.K. Srivastava

## **EXECUTIVE PRESIDENT & EDITOR**

Prof. O.P. Varma

## **VICE -PRESIDENTS**

Prof. B.C. Sarkar      Dr. Rasik Ravindra      Prof. R.G.S. Sastry      Prof. Tomo Riba

## **SECRETARIES**

Prof. V.K.S. Dave

Prof. S.K. Patnaik

## **JOINT SECRETARIES**

Vacant

Dr. (Mrs.) Tage Rupa

## **TREASURER**

Prof. A.K. Sen

## **COUNCIL MEMBERS**

### **Elected Members**

Prof. V.C. Tewari

Prof. R. Krishnamurthy

Dr. A.K. Singh

Dr. M. Sudhakar

Dr. Trilochan Singh

(Vacant)

Dr. C.S. Dubey

Dr. Shantanu Sarkar

Dr. Shakil Ahmad Romshoo

Dr. S.S. Bhaakuni

### **Ex-Officio Members\***

#### **Article 10.2**

##### **The Secretary**

Govt. of India,  
Ministry of Earth Science,  
New Delhi - 110 003

##### **The Secretary**

Govt. of India,  
Department of Science &  
Technology,  
New Delhi - 110 016

##### **The Secretary**

Govt of India, Ministry of  
Mines, Shastri Bhavan,  
New Delhi - 110 001

##### **The Director General**

Geological Survey of India,  
Kolkata - 700 016

##### **The Director General**

Uttarakhand Council of Science  
and Technology (UCOST),  
Dehradun - 248 006

##### **The Chairman**

Central Ground Water Board,  
New Delhi - 110 001

##### **The CMD**

Oil and Natural Gas Corporation  
Ltd., New Delhi - 110 001

##### **The Director**

National Geophysical Research  
Institute,  
Hyderabad - 500 606

##### **The Director**

Wadia Institute of Himalayan  
Geology, Dehradun - 248 001

##### **The Head**

Deptt. of Earth Sciences,  
IIT, Roorkee - 247 667

#### **Article 10.3 (Public Sector)**

##### **The CMD**

Coal India Ltd.,  
Kolkata - 700 016

##### **The CMD**

National Mineral Development  
Corporation Ltd. (NMDC),  
Hyderabad - 500 029

#### **Article 10.3 (Private Sector)**

##### **The CMD**

Tata Steel,  
Jamshedpur - 831 001

##### **The CMD**

Mineral Sales Pvt. Ltd. (MSPL),  
Hospet - 583 203

#### **Article 10.3 (Intt. Members)**

##### **The Head**

Raw Material & Mines  
Planning, The ACC Ltd.,  
Thane (W) - 400 604

##### **The Director**

Atomic Mineral Directorate for  
Exploration & Research,  
Hyderabad - 500 016

#### **Article 10.4**

Mr. Tassar Talar, Director,  
Geology and Mining, Arunachal  
Pradesh, ITANAGAR

---

\* Ex-officio member can nominate his representative

# Organizing Committee (Task Group)

## Patrons

**Shri S. Rath**  
**President, IGC & Director (Operations)**  
Oil India Limited,  
NOIDA

**Prof. Tamo Mibang**  
**Vice Chancellor**  
Rajiv Gandhi University,  
ITANAGAR

## Task Force

### Chairman

**Prof. O. P. Varma**  
Executive President, IGC  
Roorkee

### Secretary

**Prof. V.K.S. Dave**  
Secretary IGC, Roorkee

### Co-Chairman/Convenor

**Prof. Tomo Riba**  
Professor, Deptt. of Geography,  
Rajiv Gandhi University, **Itanagar**  
& Vice President & Convenor,  
IGC-2014

### Joint Secretary

**Dr. (Mrs.) Tage Rupa**  
Assistant Professor,  
Deptt. of Geography,  
RGU, **Itanagar**

### Organizing Secretary

**Prof. S. K. Patnaik**  
Professor, Deptt. of Geography,  
Rajiv Gandhi University, **Itanagar**

### Programme Coordinator

**Prof. Nishamani Kar**  
Associate Professor & Head,  
Deptt. of Geography,  
RGU, **Itanagar**

## Members

**Mr. M. Keshava Rao**  
Head of Department,  
GSI, **Itanagar**

**Prof. Arup K. Das**  
Professor, Deptt. of Botany,  
RGU, **Itanagar**

**Prof. K.C. Kapoor**  
Professor, Deptt. of Education,  
RGU, **Itanagar**

**Dr. G. Nimasow**  
Assistant Professor,  
RGU, **Itanagar**

**Dr. V.K. Bendre**  
Assistant Manager (Geology)  
APMDTCL, Govt. of A.P.

**Prof. (Mrs.) N.C. Singh**  
Professor, Deptt. of Geography,  
RGU, **Itanagar**

## IMPORTANT CONTACTS

- **For waivers of internal travel / lodging/boarding and registration fee**

**Prof. O.P. Varma**, Executive President,  
Indian Geological Congress & Chairman,  
Organising Committee, 19<sup>th</sup> Convention,  
402/1, 35 A, Civil Lines,  
**ROORKEE – 247 667** (Uttarakhand)

**Tel.:** 01332-277827

**Cell:** 09219414329 (O)

**Emails:** [igcroorkee@gmail.com](mailto:igcroorkee@gmail.com),  
[igcroorkee@ymail.com](mailto:igcroorkee@ymail.com)

- **General Information**

**Prof. V.K.S. Dave**, Secretary,  
Indian Geological Congress,  
35 A, Civil Lines, **ROORKEE – 247 667**

**Tel.:** 01332-277827

**Mob.:** 9897888368

**Email:** [secyigc@gmail.com](mailto:secyigc@gmail.com)

- **Local Travel Guidance / Accommodation**

**Prof. Tomo Riba**, Co-Chairman & Convenor,  
Professor, Department of Geography,  
Dean, Environmental Sciences,  
Rajiv Gandhi University,  
**ITANAGAR – 791 112**

**Cell:** 09436270064

**Email:** *tomoriba123@rediffmail.com*

- **S & T Programmes Coordination**

**Prof. Nishamani Kar**, Head,  
Department of Geography,  
Rajiv Gandhi University, Rono Hills,  
**ITANAGAR – 791 112**

**Cell:** 09436252014

**Email:** *nmkar7@yahoo.co.in*

- **Incharge of Volunteers, Flexed Posters, Photography and Cultural Programmes**

**Dr. (Mrs.) Tage Rupa**, Joint Secretary  
(IGC- 2014) and Assistant Professor, Department  
of Geography, Rajiv Gandhi University,  
**ITANAGAR – 791 112**

**Cell:** 09436633482

**Email:** *tage\_rupa@yahoo.com*

- **Boarding**

**Dr. Gibji Nimasow**, Member Organising  
Committee & Assistant Professor, Department of  
Geography, Rajiv Gandhi University,  
**ITANAGAR – 791 112**

**Cell:** 09436896698

**Email:** *gibji26@yahoo.co.in*

- **Accounts & Expenditure**

**Prof. Tomo Riba,**  
**Prof. S.K. Patnaik,** and  
**Prof. Khemchand Kapoor**

- **Plenary Sessions and Reception**

**Prof. S.K. Patnaik**, Organising Secretary  
(IGC-2014) and Professor, Department of  
Geography, Rajiv Gandhi University,  
**ITANAGAR – 791 112**

**Cell:** 09436042271

**Emails:** *santanu.patnaik@rgu.ac.in,*  
*igc2014itn@gmail.com*

- **Connectivity & Transport (Guwahati-Itanagar)**

**Prof. (Mrs.) N.C. Singh**, Professor,  
Department of Geography,  
Rajiv Gandhi University, Rono Hills,  
**ITANAGAR – 791 112**

**Cell:** 09436042038

**Email:** *ncsingh100@gmail.com*

- **Kit bags: Assembly & Distribution**

**Prof. Tomo Riba**, Co-Chairman & Convenor,  
Professor, Department of Geography,  
Rajiv Gandhi University,  
**ITANAGAR – 791 112**

**Cell:** 09436270064

**Email:** *tomoriba123@rediffmail.com*

- **General Supervision**

**Prof. Arup Kumar Das**, Member Organising  
Committee, Professor, Department of Botany,  
Rajiv Gandhi University,  
**ITANAGAR – 791 112**

**Cell:** 09436042771

**Email:** *arup1952@gmail.com*

## Plenary and Sectional Meetings

**Inaugural Session:** The programme will be inaugurated by His Excellency Lt. General Nirbhay Sharma, PVSM, UYSM, AVSM (Retd.), Governor, Arunachal Pradesh, at 9.30 A.M. on the 27<sup>th</sup> November, 2014. There would also be Interactive Session & Valedictory Session in the afternoon of the 29<sup>th</sup> Nov., 2014.

Technical Programme will consist of specially invited lectures, keynote addresses, thematic discourses, paper presentations and poster displays. The S & T programme, in the main, will centre around the following sub-themes:

### Sub-themes

- ❖ Basin geohydrogeology and water resources of the northeastern region & role of geothics in their development, utilization and conservation.
- ❖ Impacts of rising temperatures, temperature-induced moisture on environment & ecosystems – environmental monitoring and part played by geoinformatics.
- ❖ Impact of climate change on glaciation and earth surface processes and river development plans.
- ❖ Mega-projects, including hydroelectric projects, vulnerability, safety standards and their pros & cons inclusive of interlinking of rivers of the land of seven states.
- ❖ Natural resources of the region and effect of climate change on their exploitation.
- ❖ Innovative paradigms of mineral resource exploitation and sustainable development in mountain regions.
- ❖ Natural geo-materials of traditional systems of medicine – Interdisciplinary approach to enhance growth & development of the related pharmacopoeia & pharmaceuticals.
- ❖ Role of geological, geophysical & geotechnological methods in climate change governance.
- ❖ Geoheritage & geosites conservation and development as tourists spots.
- ❖ Geoscience education and development of geosciences talent from grassroots.

**Note: S & T discussions will be followed by Interactive Session to assemble suggestions & recommendations for followup actions.**

***46<sup>th</sup> Meeting of the Executive Council of the Indian Geological Congress will be held at 5.00 P.M. on the 26<sup>th</sup> November, 2014 in the Deptt. of Geography, Rajiv Gandhi University, and 19<sup>th</sup> GBM after lunch on the 27<sup>th</sup> November, 2014 in the Auditorium.***

## IGC AWARDS

As a part of its promotional activities for the growth and development of earth science-related technologies and innovations and spread of accruing societal benefits, the Organizing Committee, on behalf of the Executive Council of IGC, has great pleasure in announcing the following awards/prizes for paper and poster contributions to the Conference.

- **For the Best, the Second Best and the Third Best Papers Rs. 5000/=, Rs. 3000/= and Rs. 2000/=, respectively.**
- **For Posters, awards will be as shown below :**

<b>First Prize</b>	<b>Rs. 5000/=</b>	<b>One Award</b>
<b>Second Prize</b>	<b>Rs. 3000/=</b>	<b>Three Awards</b>
<b>Third Prize</b>	<b>Rs. 2000/=</b>	<b>Five Awards</b>

## GSI SESQUICENTENNIAL COMMEMORATIVE AWARD

GSI Award of Rs. 5000/- will be given, alongwith a citation, to the contributor of the best paper presented in the Convention. If there are more than one author, the cash award will be given to the first author alongwith citation to the other authors as well.

## PROFESSOR O.P. VARMA BEST PAPER AWARD

Cash Award of Rs. 10,000/- for the best paper published in IGC Journal of the previous year, that is Vol. 5(1 & 2). The best of all papers will be adjudged by an expert committee constituted for the purpose.

## CONDITIONS FOR AWARDS

- For all awards, except Poster's Award, the awardee must be a member of IGC.
- In case of GSI Award, the awardee should be member of IGC, should submit award-winning full-paper within one month from the date of announcement of the award, and the author(s) should certify that the paper is of original contribution and has not been published or accepted for publication elsewhere.
- The paper will be peer-reviewed and published in IGC Journal. The award will be accompanied by a certificate and citation.
- Besides the above awards, the IGC also intends to honour former academics and distinguished office-bearers of IGC by presenting special awards.

## OFFICIAL LANGUAGE

Official language of the Convention will be English.

For further information, interested participants may visit the IGC website: [www.igcindia.net](http://www.igcindia.net).

## Registration Fee per Delegate

Category	Before Sept. 15, 2014	After Oct. 15, 2014	Spot Registration
Foreign Delegates	US \$250	US \$300	US \$400
Accompanying person of Foreign Delegates	US \$100	US \$100	US \$200
Delegates from SAARC Nations	US \$150	US \$175	US \$200
Indian Delegates (Corporate/Industry/MNC/PSU)	Rs.5,000	Rs.6,000	Rs.7,000
Indian Delegates from Academic/R&D Organisations /Govt. bodies	Rs.4,000	Rs.5,000	Rs.6,000
Accompanying person of Indian Delegates	Rs.1,500	Rs.1,500	Rs.2,000
Research Scholar	Rs.1,500	Rs.2,000	Rs.2,500
Student	Rs.1000	Rs.1500	Rs.1,000

*Note: Individual IGC members (excluding student category) will be allowed to avail 50% discount.*

*Payment to be made in the name of Indian Geological Congress address to: 35 A, Civil Lines, ROORKEE – 247 667*

## Connectivity and Transport

The venue, Rajiv Gandhi University, is located in the picturesque surrounding atop Rono Hills, Doimukh, Itanagar. **Guwahati**, the capital of Assam, the nearest **railway station** and **air port** at an approximate distance of about 450 km, is directly connected to Itanagar by road through luxury buses, having both day and night services. Private hired vehicles can also be availed as per tariff pre-set from different locations. Guwahati's Lokapriya Bordoloi International Airport is directly linked with all the major cities of the country by flights seven days a week.

**From airport** hired vehicles on sharing basis (arranged by Sahara Travels from Arrival lounge in Guwahati Airport (Contact No. 09436898360, 09435186937) can be availed from the Guwahati airport to Itanagar with tariff of 1500/- per person, Full reserved vehicle Innova/ Mahindra Xylo costs Rs. 7000/- Maruti Swift Desire cost Rs. 6000/-. Those who want to travel by bus have to come to ISBT or Paltan Bazar to book ticket and travel. From airport to ISBT / Paltan Bazar auto / shared taxi / Bus service are available @ Rs. 150-300 per passenger.

**From Guwahati Railway Station** hired vehicles can also be availed (Innova / Scorpio / SUVs) to Itanagar with the same tariffs as mentioned above. Those who want to travel by bus have to come to ISBT or Paltan Bazar to book ticket and travel.

**Bus Service:** Private luxury buses (2X2) ply from ISBT, Guwahati & Paltan Bazar (Near railway station) both as day and night services.

**Day service:** Green Valley Bus Service (non-AC semi-deluxe) from Paltan Bazar main counter- @ Rs 450/person at 6.30 A.M. and 7.30 A.M. reaches Itanagar around 5:00 P.M.

**Night service:** Network, Blue Hill, Green Valley (AC Rs. 600/- & non-AC Rs. 450/-) start at 7:00 P.M., 8:00 P.M. and 8:45 P.M., Volvo (AC) at 8:00 P.M. and reaches Itanagar between 4:00 to 5:00 A.M.

The participants availing bus services would have to disembark at NERIST Gate Nirjuli and would be received by volunteers.

**Important:** Participants, travelling by air or train are advised to arrive Guwahati before 12.00 noon. All the participants will be transported by specially hired taxis from the respective destination on cost at

about Rs. 1500/- per person. There would be no transport charges levied on the invited guests & speakers and also those who have been allowed waivers by the competent authority of the Convention.

**Note:** To enter into Arunachal Pradesh, all Indian nationals have to obtain Inner Line Permit (ILP) through online application and payment. Foreign Nationals have to obtain Restricted Area Permit (RAP) from Indian Missions abroad, All Foreigners Regional Registration Officers (FRROs) at Delhi, Mumbai, Kolkatta, Chief Immigration Officer, Chennai, Home Ministry, Govt. of India and Home Commissioner, Govt. of Arunachal Pradesh, Itanagar, can issue ILP and RAP.

ILP is available online at <http://www.arunachalilp.com/>

## Climate

Arunachal Pradesh, being located in the foot hills of the Himayas and beyond Tropic of Cancer, has a strong seasonal, humid tropical climate. Summer is hot and humid with above 500 mm rainfall and 24 rainy days in July and mean maximum temperature of 24<sup>0</sup>C. Winter is cold with Mean Minimum temperature of 8<sup>0</sup>C and 30 mm of rainfall. Weather in November is pleasant with temperature ranging from 19<sup>0</sup>C during day time to 12<sup>0</sup>C in night time. In this month, the rainfall is least. Average numbers of rainy days in November are around four days and average rainfall for the month is less than 20 mm. Woolen clothes will be required to keep the body warm against cold.

## Accommodation

University has a guest-house with only **20 beds** in the campus. For conferences and similar events, accommodation is arranged in the township area of Naharlagun and Itanagar wherein the daily tariff ranges from Rs. 400/- to 3000/-. Moderate hotels tariffs are given below:

### **HOTEL ROOM TARIFF**

Category of rooms		Hotel Arunachal Super Market Naharlagun Phone: 03602244960 In Rs.	Hotel Legia Takar Complex Naharlagun Phone: 03602350894 In Rs.	Hotel Tosum Naharlagun Phone: 3602247228 In Rs.	Hotel Chandni Naharlagun Phone: 03602350776 In Rs.
1	Single-bed room non-A/C	600	600	600	500
2	Single-bed room AC	1000	-	1200	800
3	Double-bed room non-A/C	800	700	800	1000
4	Double-bed room AC	1500	1300	1500	1800
5	A/C Delux		1500	-	-

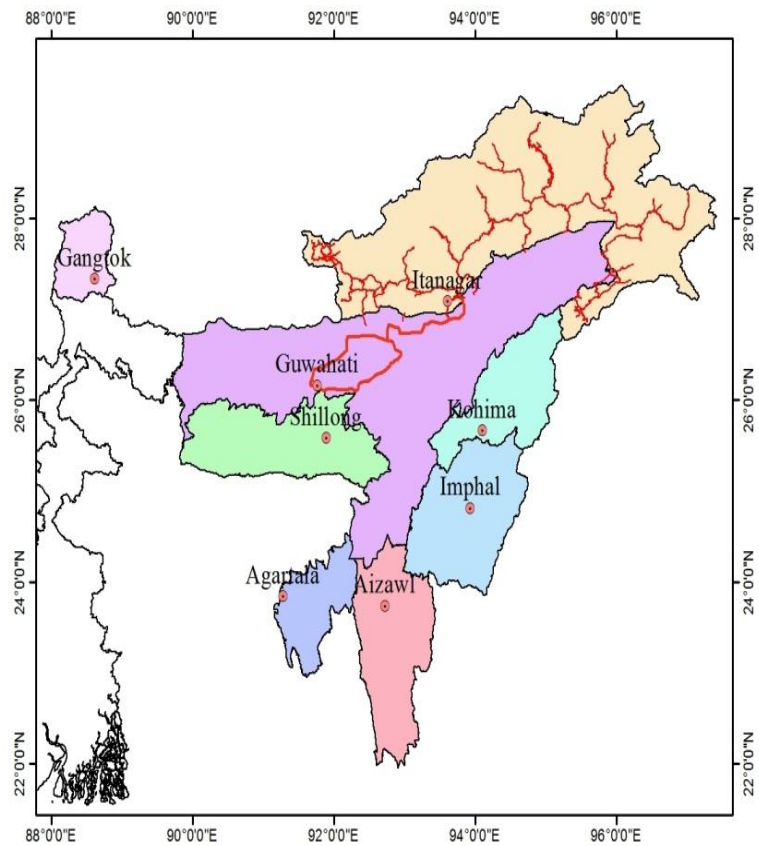
Owing to limited availability of hotel accommodation, the delegates are advised to book for hotel rooms in advance by sending one day's room rent to Prof. Tomo Riba, Incharge-of-Accommodation. Young scientists will be provided free accommodation & boarding during the Convention Programme.

## Sponsorship

<b>Super Platinum Sponsorship</b>	<b>Rs. 10.0 lakh</b>	(10 delegates free)
<b>Platinum Sponsorship</b>	<b>Rs. 7.0 lakh</b>	(7 delegates free)
<b>Gold Sponsorship</b>	<b>Rs. 5.0 lakh</b>	(5 delegates free)
<b>Silver Sponsorship</b>	<b>Rs. 3.0 lakh</b>	(3 delegates free)
<b>Bronze Sponsorship</b>	<b>Rs. 1.0 lakh</b>	(2 delegates free)
<b>Co- Sponsorship</b>	<b>Rs. 50,000</b>	(1 delegates free)

## Advertisement rates in Pre-Convention Vol.

<b>Back Cover (colour)</b>	<b>Rs. 50,000</b>
<b>Inside Cover (colour)</b>	<b>Rs. 30,000</b>
<b>Inside Full Page (colour)</b>	<b>Rs. 20,000</b>
<b>Inside Full Page (B &amp; W)</b>	<b>Rs. 15,000</b>
<b>Inside Half Page (B &amp; W)</b>	<b>Rs. 7,000</b>



**Fig.1. Map showing seven-sister states of the northeastern region.**

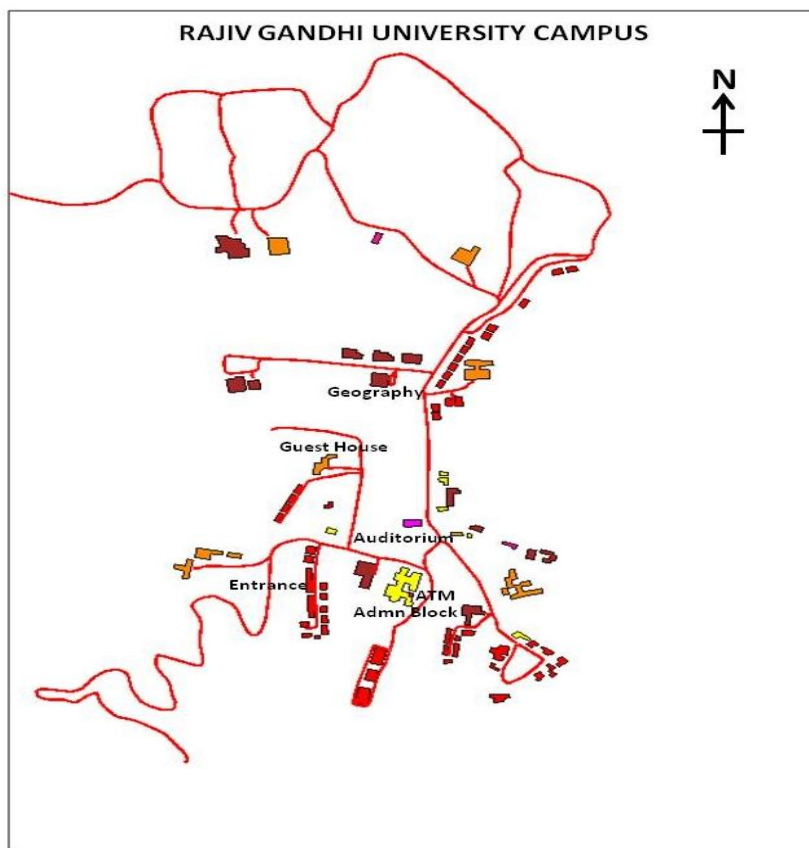


**Fig.2**





**Fig.3. Map of Rajiv Gandhi University Campus.**



**Fig.4. Sketch map showing locations of sites connected to the 19<sup>th</sup> Convention.**



# 19<sup>th</sup> Convention (IGC-2014) and International Conference November 27-29, 2014

**Registration Form**

Please type print in English in Block Letters

Full Name	SURNAME	FIRST NAME	MIDDLE NAME
Prof./Dr./Mr./Ms.			
Affiliation/Organisation			
Department			
<b>Full Address</b>			
Home			
Office			
Tel. No. with STD Code		Email	
Mobile			
<b>Spouse Full Name</b>			
Intend to attend Congress	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Intend to present paper	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Abstract of paper enclosed	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Paper/Abstract Title			
Co-author (s)			

Registration fee for Rs. / USD .....is sent herewith / will be sent before due date.

Payment: Demand Draft DD No. .... Online transfer can also be made to A/c No. **10054220724**, A/c holder name & Address: Indian Geological Congress, 35 A, Civil Lines, **Roorkee** - 247 667, Branch Name: State Bank of India, Branch Location: Irrigation Design Organization (IDO), Roorkee - 247 667, IFSC Code: SBIN 0004213,

All payments to be made in the name of the Indian Geological Congress  
If you pay by Bank transfer the copy of the payment should accompany the registration form.  
All students must submit a copy of their student ID with his registration form.

Dated:

Signature

Please return to:

**Prof. S. K. Patnaik**, Organising Secretary (IGC-2014) and Professor, Department of Geography, Rajiv Gandhi University, Rono Hills, Doimukh, **ITANAGAR – 791 112** (Arunachal Pradesh)  
**Emails:** *santanu.patnaik@rgu.ac.in, igc2014itn@gmail.com* **Cell:** 09436042271