

## The Aligarh Muslim University

**Aligarh Muslim University (AMU)** is a public university, funded by the Central Government of India. It was established by Sir **Syed Ahmad Khan** as Madrasatul Uloom Musalmanan-e-Hind in 1875, which later became Mohammedan Anglo-Oriental College (MAO College). The Mohammedan Anglo-Oriental College became Aligarh Muslim University in 1920. The main campus of AMU is located in the city of Aligarh in Western Uttar Pradesh. There are three fully functioning off-campus centers located in the cities of Malappuram (Kerala), Murshidabad (West Bengal) and Kishanganj (Bihar). The university campus occupies an area of over 468 hectares (1,155 acres). It has total academic staff strength of 2,500 with around 30,000 students. A special feature of the University is its residential character with most of the staff and students residing in the campus. Aligarh Muslim University draws students from all corners of the country as well as foreign countries, especially Africa, West Asia and Southeast Asia. In some courses, seats are reserved for students from SAARC and Commonwealth Countries. AMU is truly representative of the country's multi-religious, multi-racial and multi-lingual character.

## About the Department

The Interdisciplinary Department of Remote Sensing & GIS Applications is a newly established department in the faculty of science. The department has its base in old established Remote Sensing Applications Centre for Resource Evaluation and Geo Engineering since 1984. It is now upgraded in the form of full-fledged department. Since its inception during 2014-15, the Interdisciplinary Department of Remote Sensing & GIS Applications has been instrumental in creating geo-spatial awareness among students and researchers from other departments of different faculties. The department has got well-equipped labs, seminar and class rooms. The passed out students are placed in some Indian companies especially computer mapping and urban planning.

## The Aligarh city

Aligarh is notable for being the seat of Aligarh Muslim University. The city is nicknamed *Tala Nagri*, "The City of Locks" for its famous Lock industry. Aligarh is located approximately 90 miles (140 km) south-east of the capital city of New Delhi and 85 km from Agra. It is very well connected with major cities of India by railways and roads. Weather in Aligarh becomes mild and pleasant by the mid of February.

**National Conference**  
on  
**Role of Geospatial Technologies for Good Governance and Sustainable Development**  
17-19 February, 2018  
**Interdisciplinary Department of Remote Sensing & GIS Applications**  
Aligarh Muslim University, Aligarh

To,

From:

**Prof. Mohd. Shakir**  
Convener & Chairperson  
Interdisciplinary Department of  
Remote Sensing & GIS Applications  
Aligarh Muslim University,  
Aligarh - 202002 (INDIA)

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## National Conference

on  
**Role of Geospatial Technologies for  
Good-Governance and Sustainable Development**

**17-19 February 2018**

Patron

**Prof. Tariq Mansoor**

Vice Chancellor

Aligarh Muslim University, Aligarh

Organised by

**Interdisciplinary Department of  
Remote Sensing & GIS Applications**  
Aligarh Muslim University, Aligarh



**Prof. Mohd. Shakir**

Convener

Dean, Faculty of Science & Chairperson  
Interdisciplinary Department of  
Remote Sensing & GIS Applications  
Aligarh Muslim University, Aligarh - 202002

**Prof. Nizamuddin Khan**

Organising Secretary

Interdisciplinary Department of  
Remote Sensing & GIS Applications  
Aligarh Muslim University, Aligarh - 202002

## About the Conference

The Geospatial technologies have application practically in all walks of human existence with proven capabilities for supporting decision makers through bringing location based information that acts as key driver for good governance. The geospatial technology applications have become more pervasive affecting everyday life ranging from common applications like Google maps to complex applications used during emergencies whether these are related to business, facilities, infrastructure, health & sanitation, socio-economic development, disasters etc. This technology is therefore momentous to a large number of sectors such as agriculture, telecommunications, oil & gas, environmental management, forestry, public safety, infrastructure, logistics; and plays an important role in sustainable development.

Sustainability is absolute vital. The three pillars of Sustainable Development i.e., Environment, Community and Economy have not been able to achieve the Sustainable Development Goals (SDGs) so Good Governance should be treated as fourth pillar followed by Peace as fifth pillar so to secure the development and its sustainability. The ongoing intense debate on development versus environment among academicians, researchers, policy makers has solution in applications of geospatial technologies as it is the only technology that can provide a holistic approach to the understanding of the interactions and inter-linkages between the earth's physical and social elements to maintain an optimal balance between environment and developmental goals. The advances in GIS functionality and the convergence of network computing and wireless communications with geospatial technologies will further help in better management of resources and formulation of plans for sustainable development.

The potential of geospatial technologies have not been fully tapped in India; however it has extensively been used for forest mapping, ground water survey, ocean productivity, environmental impact, land and water management, and disaster management besides in preparation of infrastructure inventory, transportation route planning and improved public service delivery. This technology is also used in tax collection, property assessment, housing, rural employment schemes, local level planning, checking encroachments, tourism and urban planning including water supply and sewerage.

There are so many stakeholders across different sectors realising the utility and long term cost effectiveness of using geospatial technologies. Well-planned policy mechanisms, Government support and the ever-increasing domestic demand in long run would popularise the geospatial technologies in India and will bring this into the mainstream as anabot for good governance and to achieve the sustainable development goals.

The conference will include plenary, oral, and poster sessions. The topics of the conference include but are not limited to:

## Sub-themes

- GIS & Remote Sensing Data Acquisition and Methods
- Advancement in Processing of Geospatial Data
- Convergence/ Linking up different data and technologies
- Management of Marine and Terrestrial Resources using Remote Sensing & GIS
- Sustainable development through Good Governance
- Disaster Management and Risk Assessment
- Environmental Impact Assessment
- Community Participation and Geospatial Technologies
- Land use, Land cover & Land Administration

## Call for Papers: Submission of Abstracts and Papers

Abstracts & full papers are invited on any of the above theme areas or other related areas. The abstracts should not exceed 300 words, should be typed in 1.5 line spacing leaving 1" margin on all sides on A-4 paper. Three to five keywords should be given below the abstract in italics. The font should be Times New Roman in size 12. The abstract should be sent through email ([rsgis.coordinator@gmail.com](mailto:rsgis.coordinator@gmail.com)) in MS word format.

## Registration Fees

<b>Indian Delegate</b>	
Faculty/ Scientist:	₹ 2000/-
Research Scholars:	₹ 1500/-
<b>Foreign Delegate:</b>	\$ 200 (USD)

- Registration fees include the conference kit, access to conference sessions, accommodation, food, lodging and local hospitality. Spot registration is also permitted but without conference kit. The research scholars are required to produce a valid identity card/ certificate for availing the discount.
- The registration fee should be sent in the form of Demand Draft (DD) drawn in favour of '**Organising Secretary**', Interdisciplinary Department of Remote Sensing & GIS Applications, Aligarh Muslim University, Aligarh.
- **Accommodation** will only be provided to those delegates who inform the organisers in advance and will be accommodated in the University Guest House/Hotels/Hostels.

**Venue:** Interdisciplinary Department of Remote Sensing & GIS Applications, Aligarh Muslim University, Aligarh

- Registration form & other information can be downloaded from <https://www.amu.ac.in/newevent/event/9541.pdf>

## Important Dates

<b>Deadline for abstract submission:</b>	8 <sup>th</sup> January, 2018
<b>Notification of acceptance of abstract :</b>	15 <sup>th</sup> January, 2018
<b>Deadline for full paper submission:</b>	22 <sup>nd</sup> January, 2018
<b>Notification of acceptance of full paper :</b>	29 <sup>th</sup> January, 2018

**For Details Contact**

**Prof. Mohd. Shakir**

**Convener**

Dean, Faculty of Science & Chairperson  
Interdisciplinary Department of  
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**Prof. Nizamuddin Khan**

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## Organizing Committee

1. Prof. M. Mursaleen, Chairperson, Department of Mathematics
2. Prof. Tauheed Ahmad, Chairperson, Department of Physics,
3. Prof. Jamshed Siddiqui, Chairperson, Department of Computer Science
4. Prof. Abu Talib, Chairperson, Department of Geology
5. Prof. Ariful Islam, Chairperson, Department of Statistics & O R
6. Prof. Ateeque Ahmad, Chairperson, Department of Geography
7. Prof. Qazi Mazhar Ali, Department of Statistics & O R
8. Dr. Syed Kausar Shamim, Int. Department of RS & GIS Applications
9. Dr. ZiaurRahman Ansari, Int. Department of RS & GIS Applications
10. Dr. Yunus Ali, P. Int. Department of RS & GIS Applications
11. Ms. Nargis Shabnam, Int. Department of RS & GIS Applications

## Advisory Committee

1. Dr. Bhoop Singh, Head, NRDMS, DST, New Delhi
2. Prof. Masood Ahsan Siddiqui, JMI, New Delhi
3. Dr. O. P. Mishra, Scientist, Ministry of Earth Sciences, New Delhi
4. Dr. A. K. Singh, Scientist, NRDMS, DST, New Delhi
5. Prof. B. S. Chaudhary, Registrar, Ch. Bansilal University, Bhiwani
6. Dr. Sarnam Singh, Dean, IIRS, Dehradun
7. Dr. Sameer Saran, Head, Geoinformatics Division, IIRS
8. Prof. Mahtab Singh, Head, Geoinformatics Div., M D U Rohtak
9. Dr. S.A.S. Naqvi, Scientist, Ministry of Earth Sciences, New Delhi

## Technical Committee

1. Dr. Mukhtar Ahmad, Int. Department of RS & GIS Applications
2. Dr. S. M. A. Rizvi, Int. Department of RS & GIS Applications
3. Dr. Wasi Ahmad Zaidi, Int. Department of RS & GIS Applications