

# **Anveshan**

**Inter-University South Zone Student Research Convention**  
**14-15 February 2017**



Organized  
by

**TUMKUR UNIVERSITY**

B.H. Road, Tumkur-572103 Karnataka



Under the aegis  
of

**ASSOCIATION OF INDIAN UNIVERSITIES (AIU)**

**New Delhi**

## Organizing Committee

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**Vice-Chancellor**

**Patron**

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**Co-ordinator**

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**Associate Professor and Director of Research**

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**Catering Committee:**

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## About the Convention

Spirit of inquiry, creativity and innovativeness are some of the natural endowments bestowed upon human beings. These are the keys to transformation of life. These factors, when manifested in the form of research, open new frontiers of knowledge, which is instrumental for all forms of development. For this reason, research is recognized as one of the core functions of the universities/institutions of higher learning. India's noteworthy progress in the field of Information Technology, Energy, Space, etc. is the outcome of consistent endeavour of our intellectual resources. India, currently producing a solid core of knowledge workers scientific, technical, industrial, and tertiary sectors, is poised to become the future global knowledge hub.

However, the onus lies largely on our higher education system and particularly on universities. But, of late, research has become a subservient component in the university functioning. Resource constraints, lack of commitment, lack of proper incentives, etc., are the impediments that are affecting the quality of research. Other important factors for the deterioration of the quality of research are the absence of adequate training and other capacity building endeavours which have restricted students' creativity only to rote memory. On the contrary, their potential should be nurtured and harnessed for the benefit of the society. The current boom in Indian economy signalling an era of transformation should provide ample opportunity for success to innovative young brains to become trendsetters and role models of a vibrant India.

With a view to inculcating research culture in our higher education institutions, the Research Division of Association of Indian Universities has taken a pioneering initiative to organize Student Research Conventions for the aspiring researchers throughout the country. These Conventions aim at identifying the young and rising talents who would be promoted through proper encouragement and incentives.

Also an attempt shall be made to commercialize their research projects with industrial collaboration. The endeavour may accelerate scientific research and innovation and their application towards community development percolating to the grass root level. *Anveshan*: The Student Research Convention was applauded across the country for providing an innovative platform for students and generating a great deal of enthusiasm among the young and emerging breed of researchers in the country. The initiative is an attempt to inculcate and strengthen the culture of research in the universities and other institutions of Higher Learning.

### **Objectives of the Convention:**

- To identify young talents with research aptitude and interest to take up research as a career option.
- To promote the talent in research throughout the country.
- To nurture the talent through specialized training and education in some of the nationally and internationally reputed premier institutions of higher learning in the country.
- To augment financial and physical resources through collaboration with different sponsors for supporting education and training of the young researchers.
- To provide proper incentives to enhance the research skill of potential students.
- To initiate an intensive research culture in the universities and institutions.

### **Research Areas of the Convention:**

The areas/fields in which Projects (Individual and Group Projects\*) are invited:

- Agriculture
- Basic Sciences
- Engineering & Technology
- Health Sciences and Allied Subjects, Pharmacy, Nutrition, etc.
- Social Sciences, Humanities, Commerce and Law

(Objective and Result Oriented Projects) \* In case of a Group project, only three members (one principal investigator and two major contributors) are allowed to participate in the Zonal/ National Convention.

### **Types of Projects to be included in the Convention:**

Projects on the above mentioned areas must be original and must have undergone some exploration/ ground work in order to show their feasibility and impact.

### **Structure of the Research Convention:**

The Conventions are held in three phases.

In the First Phase, all universities in the country are requested to organize an exhibition of research projects at University Level in which students from Affiliated/Constituent Colleges, Research Institutions and University Teaching Departments are invited to participate and contest. The exhibited projects are scrutinized by a team of experts of their respective areas and the best five projects are selected for participation in the second phase.

In the Second Phase, the Convention is held at Zonal Levels in five Zones viz. East, West, North, South and Central where the winners of first phase participate. The zonal distribution of universities is displayed on AIU Website – [www.aiuweb.org](http://www.aiuweb.org). In each Zone, one university is identified on the basis of certain criteria and the responsibility to conduct the Convention is assigned to it. From each zone, 15 best projects, three in each category are scrutinized on the basis of laid down assessment criteria for giving entry to compete at the National Level.

In the Third Phase, the Convention is held at National Level. The Association of Indian Universities invites the successful projects, selected through the zonal competition, for the national level competition. A total of 75 selected projects are displayed for assessment at the national level out of which 15 projects are finally selected for awards.

**The South Zone convention is being held at Tumkur University, Tumakuru, Karnataka on 14<sup>th</sup> and 15<sup>th</sup> February 2017.**

### **Number of Projects to be selected:**

Each university is allowed to send a maximum number of five projects for the Zonal Level Student Research Convention preferably one each from each category. In case the universities/institutes do not offer courses/ programmes in all the categories/ areas/fields mentioned above, they can send total five projects from whichever category/area/field they have from amongst the above specified categories/ areas/fields. For Example, Agricultural Universities may send five projects from Agriculture Category itself.

The selected projects duly countersigned and forwarded by the Head of the Organization must reach the Coordinator of the host university in each Zone by the stipulated date every year which is intimated to the universities and also displayed on AIU Website : [www.aiuweb.org](http://www.aiuweb.org).

The projects are assessed by a panel of experts drawn from various disciplines on the basis of criteria laid down for assessment.

### **Method of assessment:**

- The Projects can be presented in the form of live demonstrations /models / posters/ podium (oral) presentation in any aforementioned categories/areas/fields.
- Assessment of projects is done in three rounds each at Zonal and National Level. In the first round, the contestants have to display their projects in poster presentations (Size of Posters - 1m X 1m) before a panel of judges. If selected in the first round, the projects will be allowed for the second round where the contestants have to make a podium (oral) presentation before the panel of Judges. In the third Round, the presentation will be open for question-answer.
- Total time allowed for podium (oral) presentation and question-answers is 10 Minutes; Seven Minutes for presentation and Three Minutes for question-answers.

### **Assesment Criteria and Weightage:**

- Scientific Thoughts and Principles 20
- Creativity 20
- Thoroughness 10
- Skill 10
- Relevance 20
- Cost Effectiveness 10
- Teamwork 10

Apart from the above criteria, Scope of Commercialization of the projects will be considered as an additional merit. However, there will be no weightage point for this criterion. In case of the projects having scored equal cumulative weightage point, this criterion will be considered for making the final decision.

### **Who can participate?**

Entries of the Research Projects are purely Institutional and only *bona fide* full time students from undergraduate to doctoral degree level, who are below 30 years of age, are eligible to take part in the Convention.

### **How to apply?**

Those students who are shortlisted in the first phase are eligible to apply for the Zonal Level Convention.

Registration form duly filled in, and attached with Demand Draft of prescribed fee by the contestant and forwarded by the Competent Authority at the respective university is submitted to the Deputy Director, Research Division, Association of Indian Universities, New Delhi with a copy to the Coordinator of the Zonal Convention at Organizing University.

### **Registration:**

Entry fee is Rs. 500/- (Per Contestant) for Zonal Level Convention. The Registration has to be submitted through a Demand Draft payable to Association of Indian Universities, New Delhi.

### **Accommodation and Local Hospitality:**

Tumkur University will make arrangement for accommodation at nominal rates subject to availability of rooms in the University Guest House. Breakfast, lunch and dinner will be hosted by the University.

Tumkur has a good number of hotels with lodging facilities. Those requiring accommodation and information on hotels should contact the **Guest & Accommodation Committee**. For details of hotels and contact persons, visit <http://www.tumkuruniversity.ac.in/index.php?/home/page/71>.

### **Contact Information:**

**Dr. S. Sreenivasa, coordinator, Anveshan**

**Associate Professor and Director of Research**

**Department of Studies and Research in Chemistry**

**Tumkur University, Tumkur**

**Email: [drsreenivasa@yahoo.co.in](mailto:drsreenivasa@yahoo.co.in)**

**Mobile: 0962030672**

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## REGISTRATION FORM

Name: .....

Father/Guardian's Name: .....

Name of the University/College/ Institute where studying: .....

(Please mention clearly if you are pursuing your study from University Teaching Department.)

If you are studying in a college/institute, please mention the Name of the University to which your college/institute is affiliated to: .....

Name of the Zone (East, West, North, South & Central): .....

Nomenclature of the Degree for which enrolled: .....

Subject/Discipline: .....

Year in which you are studying at present: .....

Permanent Address.....

.....

Address for Communication: .....

.....

Phone: (Off) .....(Res)..... (Mob).....

Fax..... E-mail: .....

Title of the Project: .....

Subject Area.....

Date of commencement & completion of the Project: .....

Application of the Outcome of the Project (if any). .....

Please mention briefly about the nature of application of the Project

.....

Whether the project has been sent for some other competition earlier? Yes/No

If Yes, mention place and date .....

Accommodation required: Yes / No

Date.....

Signature of Candidate

Forwarding from the University (Signature with Seal of the Competent Authority)

## About Tumkur

Tumkur, which is seventy km away from Bangalore city, has been a historically and culturally vibrant place. It is specially known for the philanthropic service of Sri Siddaganga Mutt, a spiritual centre that has been serving the educational domain by the blessings of His Holiness Dr. Sree Sree Sree Shivakumara Mahaswamiji who is 107 years old. There are several places of tourist attraction around Tumkur. The local culture of Tumkur region includes different forms of folk arts, while Tumkur being a hub of intellectual and educational centre. This tiny province has produced veteran theatre personalities including Gubbi Veeranna and several media artists. Tumkur, known as *Kalpataru Naadu* (the land of coconut), during December is generally cool. Surrounded by hilly rocks, the place gives you a pleasant stay. Normally, the winter here is not so cold and cruel.

## Tumkur University in brief:

Tumkur University (2004), a relatively young state university in the country, has been marching towards the spread of higher education to the present generation hailing from educationally marginalized regions of Tumkur district. More than three thousand undergraduate students, two thousand postgraduate students and six hundred research scholars have been pursuing their studies in the present year. The University has more than seventy affiliated undergraduate colleges, fifteen postgraduate departments and more than sixty research centres as part of its fraternity.

The mandate of the University is to create conditions for higher learning on the campus so as to enable the aspirants of higher education to carve a niche for themselves in their respective disciplines. What we have achieved in transforming this budding university into a truly recognized centre of higher learning is something we are proud of. Within a short span of time, we have been able to create adequate infrastructure for the University, besides successfully achieving the requirements of the UGC and NAAC accreditation. Several eminent scientists including Nobel Laureates, educational thinkers and spiritual leaders have visited us. His Holiness the 14<sup>th</sup> Dalai Lama and Dr APJ Abdul Kalam visited the University and our students were enthralled by interacting with them.

Our faculty have been actively engaged in advanced research in different disciplines; apart from availing research grants from leading research funding agencies, some of them are doing their



post-doctoral research abroad. This year the University has completed ten years of its existence (2004-2014), and decennial celebrations are being held.

## Vision

To create a generation of human resources to successfully meet the global challenges.

## Mission

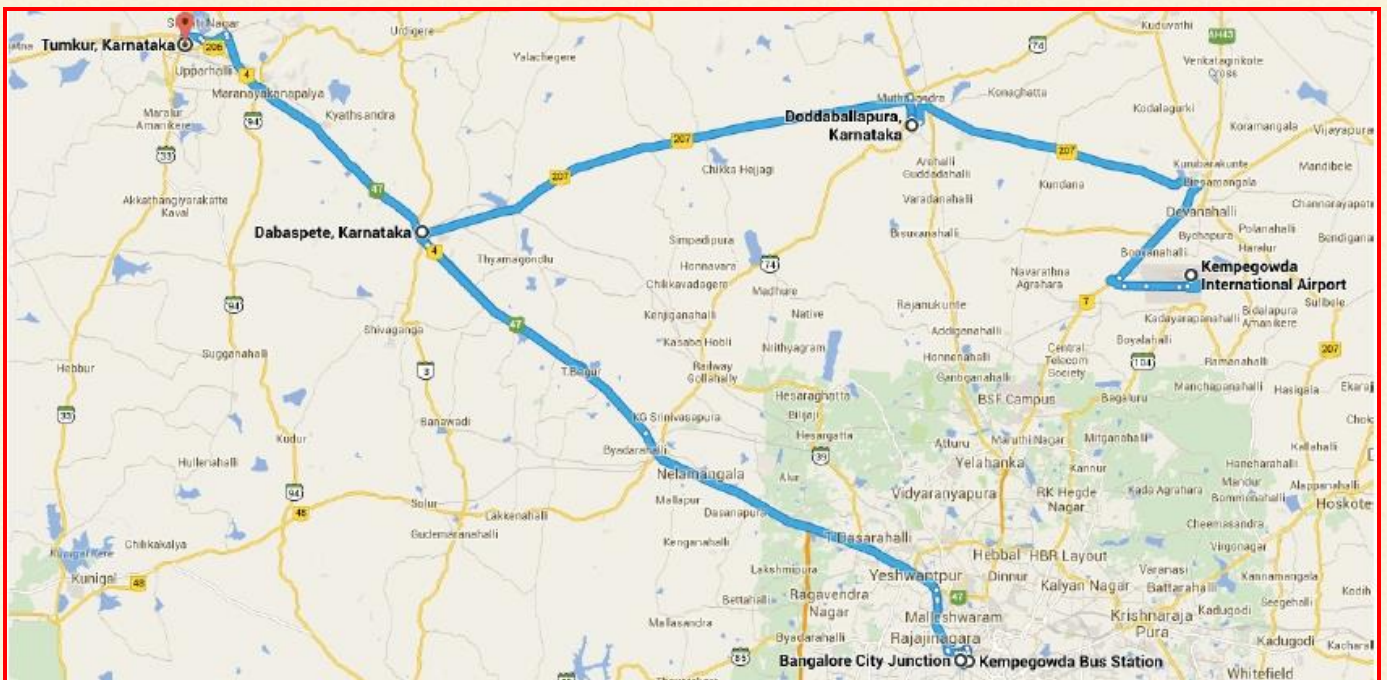
To transform the guiding vision into an action plan through a band of committed teachers who are professionally competent and conscientiously upright

## How to reach Tumkur University

Tumkur is well connected by Air, Train and Bus services. Kempegowda International Airport, Bangalore is only 80 kms away; Tumkur Railway Station connects trains from North India to South India. Pune-Bangalore four-lane highway passes through Tumkur.

Tumkur University is situated on BH Road, Tumkur.

## Route Map



## IMPORTANT INFORMATION

### Identity Card / Eligibility Certificates / Resume Forms

The participating students must carry their Identity Cards issued by their respective University / College. Deadline for registration will not be extended.

Those requiring accommodation should contact the coordinator immediately.

Rules regarding the presentation of the projects will be strictly enforced.