



10 Institutional Area, Vasant Kunj  
New Delhi – 110070

**MINUTES OF THE THIRTIETH MEETING OF THE ACADEMIC COUNCIL  
HELD ON 14<sup>th</sup> DECEMBER, 2012 AT 09.30 A.M.**

**PRESENT**

The following members of the Academic Council attended the meeting:

**Members**

Dr Leena Srivastava  
Prof B P Murty  
Prof Santosh Panda  
Dr Ravi Shanker  
Dr Paramjit Khurana  
Dr Arabinda Mishra  
Prof Prateek Sharma  
Prof VVN Kishore  
Prof PK Joshi  
Dr R Sitaraman  
Dr Suneel Pandey  
Dr Shaleen Singhal  
Mr Amit Kumar  
Prof Vinod Tiwari  
Dr Mala N Reddy  
Dr Najmur Rehman  
Dr Suresh Jain  
Dr Anandita Singh

**Invitees**

Dr Nandini Kumar  
Dr Chubamenla Jamir  
Dr Debdatta Saha  
Dr Ramkishore Singh  
Dr Deepti Gupta  
Dr Anu Rani Sharma  
Dr Smriti Das  
Mr MV Shiju

Prof VK Jain, Prof TC Kandpal, Prof Mihir Deb, Dr Kamala Sankaran, Dr Vishal Narain, Prof MN Murty, Dr Rajiv Seth, Prof Manipadma Datta, Dr Sanjay Saxena, Prof S Sundar, Prof Badal Mukhopadhyay, Dr Kaushik Ranjan Bandhyopadhyay and Dr Arun Kansal did not attend the meeting.



**Item No. 1 To confirm the minutes of the twenty ninth meeting of the Academic Council held on 16 July 2012.**

The minutes of the twenty ninth meeting of the Academic Council held on 16 July 2012, as circulated to the members, were confirmed by the Council.

**Item No. 2 Action taken on previous points**

Re : consider and approve the revised course structure of Advanced PG Diploma in Renewable Energy, Prof. Kishore mentioned that the course credits time etc., are being followed, but have not been spelt out till now and that now, we are doing that. Members opined that there is a need for a detailed handbook on different programme aspects. It needs to elaborate the information that students are looking for.

In response to Prof. Kandapal's doubt, it was pointed out that 28 hrs per week study is Distance Education Council norm for a credit. For regular programme 14 hrs per week study is considered as one credit which assumes additional hours of self-study by students. Prof. Kishore said since there is no interaction between students and faculty, one credit is considered as 28 hrs and that guide lines of DEC is 25 – 30 hrs of self-study.

**Item No. 3 To consider and approve courses of the M.Sc (Climate Science and Policy)**

The following courses presented to the Academic Council were discussed and approved by the Council:-

1. Satellite Meteorology
2. Food Security and Sustainable Agriculture
3. Seminar course in Global Change

It was pointed out that there should be a standard template for course outlines for all programmes at the TERI University.

Satellite Meteorology course outlines were accepted by the members. Prof. Murty suggested that practical knowledge is very important; hence students of TU should interact with Indian Meteorological Department (IMD) and also must have a close liaison with IMD. Dr. Mishra said that the suggestion made by Prof. Murty is very good and we have now an MoU with IMD which should be utilized to have closer collaboration with IMD. Members also felt that there should be synergy between IMD visits of students and what they have learnt through these visits should also be evaluated.

On the seminar course offered to M.Sc (CSP) students, Prof. Panda said that the evaluation criteria is very subjective and there is no scope in the evaluation procedure to evaluate students who are passively listening to a presentation. He suggested that in order to make the evaluation more objective, there should be an end semester written examination which should be based on all the submitted assignments. This was supported by Dr. Khurana and other members of the Academic Council.

### **Food Security and Sustainable Agriculture :**

Role of arable agriculture not increasing or decreasing or impact of climate change, agriculture adaptation should be taught to students. Prof. Joshi said two minors, one major and one assignment will comprise of evaluation criteria for this course and it is not a complete tutorial course. Prof. BP Murty said Indian conditions and farmers of India are to be added in food security course. Other member opined that Bio Safety aspects to be included in this course.

### **Seminar course in Global Change :**

Members felt that evaluation of this course is based on student assignments. Each student has to read the assignment of all other students participated and thus this course will be evaluated.

#### **Item No. 4 To consider and approve courses of M.A. (Sustainable Development Practice)**

The course viz. Management of Development Organizations was approved by the academic council. However, it was suggested that for the last two modules, some more details should have been provided as they have been for the other modules.

#### **Item No. 5 To consider and approve courses of the M.A (Public Policy and Sustainable Development) programmes.**

The following course outline of the M.A (Public Policy and Sustainable Development) programme was discussed and approved by the Academic Council

### **Law and Economics of Competition Policy :**

The course was generally appreciated by the members as there was a healthy mix of law, economics and policy in the curriculum. Dr. Shanker pointed out to the imbalance in the allocation of hours between classroom teaching and tutorials. As lot of reading material was identified under each topic, it was suggested that the number of tutorial hours be increased. Prof. Kishore suggested exploring the possibility of including personnel from Competition Commission of India in the delivery of the course. It was also suggested that the research studies commissioned by CCI be included in the curriculum. As the course is offered to mid-career civil servants, Dr. Mishra opined that ways should be found out to tap their experience in the field.

#### **Item No. 6 To consider and approve structure of the proposed M. Tech (Urban Development and Management) programme.**

To start with, Dr. Singhal presented the proposed structure of M.Tech (Urban Development and Management) Programme to the members. He raised the significance of an inter-disciplinary approach required for building capacity in techno-managerial

skills and expertise for highly complex urban development challenges as reflected through stakeholders' perspective. He informed that the proposed M. Tech Programme is designed with the objective to build a pool of highly competent urban professionals having required technical skills, managerial capabilities and understanding of social, economic, environmental and legal issues associated with urban development, infrastructure and real estate sector.

Members opined that the programme appears inclined to technology and should integrate social aspects also. Dr. Singhal and Prof. Tewari responded that the social component will be further integrated through courses on 'Urbanisation Theory' and 'City and Regional Planning and Management'. Dr. Shanker expressed some reservations on the title of the course. Prof. Sharma and Dr. Srivastava explained that only after lot of in-house deliberations and discussions the title M. Tech has been decided. They said that this aspect will be further reflected in the detailed contents of the elective courses. The paradigm shift in context of the Meta University indicating wider perspective of emerging M. Tech/ B. Tech programmes was also highlighted on this aspect.

The council member suggested that some possible themes of research relating to student engagement in 2nd year may be indicated in the programme structure. It was agreed that the possible themes will be identified in consultation with professionals and academics concerned with urban development issues.

Comments were also made by Prof. BP Murthy and other members on specific courses to include 'mitigative measures to climate change' in the course on 'urban ecology and environment'; and 'managing time and cost overruns' in the course on 'project development, management and financing'. Dr. Mishra suggested that aspects of climate change such as urban heat islands should be addressed in course on 'climate resilient cities'. Integration of course on Geo-informatics was appreciated by Dr. Khurana. The members also made suggestions for the outreach of the M. Tech programme.

Prof. Kandpal's comments were on the minimum eligibility requirement of 50% for non-sponsored candidates and more relaxed requirement for sponsored candidates should be carefully addressed. Dr. Singhal mentioned that the minimum eligibility requirement was revised to 55%. He also mentioned that the sponsored candidates will be eligible from any postgraduate discipline provided they demonstrate relevant professional experience related to the field of urban development.

**Item No. 7      Extension of maximum period to submission of thesis.**

A doctoral candidate is expected to submit his/her thesis within five years from the date of registration. This period may be extended by the Academic Council as a special case up-to a maximum of seven years.

It was recommended that requirements for full time and part time PhD students (which are the same at present) may be reviewed.

On the recommendations of the supervisors, the Academic Council allowed an extension of the maximum period of submission of the thesis, in respect of the following candidates:

Student name	Supervisor	Dt of Regn.	Extn already granted	Further extension now being granted
Mr.Gopal Sarangi	Dr. Arabinda Mishra	31.1.2007	One year	Six months
Mr. Prashant Kumar	Dr. Arabinda Mishra	31.1.2007	One year	Six months
Ms. Savita Rakhra	Dr. Nandini Kumar	29.1.2007	One year	Six months
Ms Sudha Shrotria	Prof S Sundar	23.01.2007	One year	Six months
Ms Aditi Banerjee	Dr Malini Balakrishnan	31.01.2007	One year	Six months

**Item No.8 Any other item with the permission of the Chair.**

Dr. Ravi Shanker said more awareness of the programmes of University amongst the possible catchment areas to be made. Better to meet student counselors in academic institutions and others.