



10, INSTITUTIONAL AREA
VASANT KUNJ, NEW DELHI 110 003

MINUTES OF THE TWENTY THIRD MEETING OF THE ACADEMIC
COUNCIL HELD ON 21 JULY 2009 AT 09.30 A.M.

PRESENT

The following members of the Academic Council attended the meeting:

- Dr P P Bhojvaid
- Dr Arabinda Mishra
- Dr Prateek Sharma
- Dr V V N Kishore
- Dr Pradeep Kumar Dadhich,
- Dr P K Joshi
- Prof S Sundar
- Dr S R Rao
- Dr Rajat S Bakshi
- Dr Mala Narang Reddy
- Dr Deepti Gupta
- Dr Neeraj Khera
- Mr M P Ram Mohan
- Dr Rajiv Seth

- Special Invitee
- Dr Vibha Dhawan
- Dr Badal Mukhopadhyay

Dr Subodh K Sharma, Prof Prem K Kalra, Mr O P Agarwal, Dr Renu Swarup, Dr E Sridharan, Dr Indira Rajaraman, Dr Sanjay Saxena, Dr Banwari Lal, did not attend the meeting.

Item No. 1 To confirm the minutes of the twenty second meeting of the Academic Council held on 29 April 2009

The minutes of the twenty second meeting of the Academic Council held on 29 April 2009 were confirmed, as circulated.

Item No. 2 Matters for information

- (i) The Academic Council was informed that 54 students of M.Sc (Environmental Studies) and M.Sc (Natural Resources Management) M.Sc (Water Resources Management) programmes have successfully completed the final semester of their studies.
- (ii) The Academic Council was informed that 24 students of the MBA (Infrastructure) programme have successfully completed the final semester of their studies.
- (iii) The Academic Council was informed that the following faculty members have joined the University on the dates mentioned below:

Name of faculty	Date of Joining
Ms Namrata Gulati	19 June 2009
Dr Najmur Rahman	30 June 2009
Ms Ashu Verma	01 July 2009

Item No. 3 To consider and approve courses of the M. Sc. (Plant Biotechnology) programme.

The following course outlines for courses to be offered in the 3rd semester of the M. Sc. (Plant Biotechnology) programme were discussed and approved by the Academic Council.

- 1) ~~Plant Biotechnology: Management and Regulatory Issues~~
- 2) Genomics and Molecular Genetics
- 3) Plant Biotechnology Lab Course
- 4) Crop Improvement and Biotechnology
- 5) Bioinformatics

Item No. 4 To consider and approve courses of the M.Sc (Climate Science and Policy) programme.

The following course outlines for courses to be offered in the 1st semester of the M. Sc. (Climate Science and Policy) programme were discussed and approved by the Academic Council.

- 1) Basics of Climate Science
- 2) Introduction to Climate Change & Development

It was suggested that the title of the course “Selected Topics in Climate Change and Development’ be changed to ‘Introduction to Climate Change and Development’

Item No. 5 To consider and approve courses of the M.Sc. (Economics - with specialisation in Environmental and Resource Economics) programme.

The following course outlines for courses to be offered in the 1st semester of the M.Sc (Economics - with specialisation in Environmental and Resource Economics) programme were discussed and approved by the Academic Council.

- 1) Linear Algebra and Constrained Optimisation
- 2) Micro Economic Theory
- 3) Macro Economic Theory
- 4) Quantitative Methods (Statistics & Introduction to Econometrics)
- 5) Environment and Economic Development

The Academic Council brought out that in this new programme, since the focus is on Environmental and Resource Economics, this must be stressed on while advertising the programme and in formulation of the courses. The Council debated on whether the programme should be a master’s in science or a master’s in arts programme. It was generally felt that the proposal to call it an M.Sc programme was in order.

It was also brought out in the Council that since a full programme in Economics has commenced, the Department of Policy Studies should review courses in economics so that they could be optimised across all the programme in the University.

Item No. 6 To consider and approve courses of the MBA (Business Sustainability) programme.

The following course outline for courses to be offered in the 1st semester of the MBA (Business Sustainability) programme were discussed and approved by the Academic Council.

- 1) Financial Management – I
- 2) Management Functions and Organisational Behaviour
- 3) Managerial Economics
- 4) Principles and Concepts of Sustainability

- 5) Environmental Economics
- 6) Climate Change and Development
- 7) Research Methods in Management – I
- 8) Business communications
- 9) Marketing Management

Item No. 7 To consider and approve courses of the M. Tech. (Renewable Energy Engineering and Management) programme.

The following course outline for courses to be offered in the 1st semester of the M. Tech. (Renewable Energy Engineering and Management) programme were discussed and approved by the Academic Council.

- 1) Conventional Energy Infrastructure
- 2) Energy Economics: Theory and Practice
- 3) Heat Transfer
- 4) Power Systems Engineering (Generation, Transmission and Distribution)
- 5) Thermodynamics and Combustion

It was suggested by the Council that in the course 'Conventional Energy in Infrastructure' regulatory aspects should be included.

The Council suggested that the Department of Energy and Environment consider the creation of a course on regulatory and legal issues in Energy Engineering and Management, which could be in semester 2 of the programme.

Item No. 8 To consider and approve other courses of the M.Sc. Programmes.

The following other course outline of M. Sc. programme were discussed and approved by the Academic Council.

- 1) Environment and Climate: Law and Policy

Energy and Environment – Approval for converting it from 3 credit to 4 credit.

It was suggested that 6 Sigma be included in the course 'Statistical Techniques'.

Item No. 9 To consider and approve restructuring of the MBA (Infrastructure) programme.

The Council considered and approved the restructuring of the MBA (Infrastructure) programme as proposed.

- 1) Financial Management – I
- 2) Management Functions and Organisational Behaviour
- 3) Principles of Economics
- 4) Infrastructure Policies, Reforms, and Law
- 5) Research Methods in Management – I
- 6) Business communications
- 7) Marketing Management

Items No. 10 Extension of maximum period of submission of thesis

The Council considered and approved an extension of the maximum period of the submission of thesis, by one year, in respect of the following 5 Ph.D. students:

- 1) Ms K Usha Rao
- 2) Ms Hema Hasija
- 3) Ms Rajalakshmi Muralidharan
- 4) Ms Nemika Relhan
- 5) Ms Susmita Sahu
- 6) Ms. Sangeeta Sen

Items No. 11 Any other item with the permission of the Chair

In the 17th meeting of the Academic Council held on 10 January 2008, Item. No. 4 (a) of the minutes reads as follows:

- a) The first semester SGPA should be greater than 5.0 at the end of the first semester.

The Council considered and approved the correction of this sentence to read as follows

- (a) The first semester SGPA should be greater than or equal to 5.0 at the end of the first semester.

The Council also indicated that the minimum academic criteria as brought out in item no 4 of the 17th meeting of the Academic Council would relate only to the masters programmes. The minimum CGPA requirement for the pre-Ph.D. course work would continue to be 7.5.

The Council suggested that the Vice Chancellor set up of a committee of faculty members to consider how case-studies could be included to a larger extent in the curriculum of the various programmes of the University.