

**MINUTES OF THE 15<sup>TH</sup> MEETING OF THE EMPOWERED COMMITTEE ON BASIC SCIENTIFIC RESEARCH HELD ON 5<sup>TH</sup> FEBURARY, 2008 AT 11.00 A.M. IN THE UGC OFFICE**

The 15<sup>th</sup> meeting of the Empowered Committee on Basic Scientific Research was held on 05.02.2008 at 11.00 a.m. in the UGC Office.

The following attended the meeting:

1. Prof.Sukhadeo Thorat  
Chairman, UGC
2. Prof.Mool Chand Sharma  
Vice Chairman, UGC
3. Prof.Goverdhan Mehta  
Hon.Prof. & CSIR  
Bhatnagar Fellow  
Indian Institute of Science  
Bangalore - 560 012
4. Dr.Kota Harinarayan  
Raja Ramana Fellow  
Structure Division  
National Aerospace Laboratories  
Bangalore - 560 017
5. Prof.S.P.Thyagarajan  
#, 1st Main Road,  
Nehru Nagar, Adyar,  
Chennai - 600 020
6. Dr. R.K. Chauhan  
Secy., UGC.
- 7.. Ms.Parbati Bose  
Under Secretary, UGC

Prof. P. Rama could not attend the meeting.

The Chairman, UGC assured the Empowered Committee that every support will be given to the Committee for smooth implementation of the recommendations. He further suggested that one major function may be organized where 100 to 150 students may be invited for distributing ,”Dr. D.S.

Kothari Post-Doctoral Fellowships” certificates from the hands of the Hon'ble Minister for HRD.

After the initial welcome remarks by the Chairman, UGC, the agenda items were taken up one by one.

**Item No.1:-Confirmation of the minutes of the meeting held on 4.1.2008.**

The minutes of the meeting held on 4.1.2008 were confirmed only with the modification in item No.6 regarding appointment of Prof. R.P. Gandhi as Consultant, it was proposed to add the following sentence after the first para :-

“The programme may be run in collaboration with INSA with INSA Fellow, Prof. R.P. Gandhi as National Coordinator”.

**Item No.2:-Action taken on the minutes.**

The Committee noted with appreciation the action taken by the UGC on the minutes of the last meeting of the Empowered Committee.

**Item No.3:- Information received with regard to strengthening of infrastructure in non-SAP science departments in universities.**

The Empowered Committee reconsidered its decision taken in the last meeting regarding providing grant to the non-SAP science departments in the universities on the basis of their faculty strength, number of publications and Ph.Ds produced. The Committee authorized Prof. S.P. Thyagarajan to go through the proposal submitted by each university and indicate the grant to be allocated based on the information received. Accordingly Prof. S.P. Thyagarajan analysed the data compiled by the BSR Bureau and the criteria prescribed in items 3 and 5 of the minutes of the meeting held on 4.1.2008 and recommended the grant for the non-SAP departments of the universities as per annexure enclosed.

**Item No4:- Presentation by 4 departments for Networking Resource Centres for finalization.**

The following four departments were invited for presentation for establishment of Networking Resource Centres, in the respective departments.

1. School of Life Science Sciences, JNU, New Delhi.
2. Institute of Radio Physics & Electronics, University of Calcutta, Kolkata.
3. School of Chemistry, Hyderabad University, Hyderabad.
4. School of Biological Sciences, Madurai Kamraj Univefsigty.

The Committee desired that the centres should send one page commitment indicating that the following activities shall be performed by the proposed networking centres. They may send it by e-mail and a hard copy may be send later on. After receiving the commitment letter 50% of the grant as first installment may be released to the selected centres.:

1. Research, training and skills development of the faculty and research scholars through periodic discussion, workshop and summer / winter schools.
2. Capacity building by adopting faculty and departments for augmenting their research skills and to mentor them.
3. Hosting and facilitating researcher from other institutes / universities to carryout keys experiments.
4. Augmentation of information resource facility of the department to provide quality research information to other institutes / researchers.

5. To enhance and build state of the art in-house research infrastructure and other research facilities in the department.

**Item No.5:- Presentation by 6 departments for consideration of Networking Resource Centres:**

The following departments were invited for presentation:

- I. Departments of Materials Engineering
  1. Indian Institute of Science, Bangalore.
  2. Sardar Patel University,
  3. Banaras Hindu University, Varanasi
- II. Department of Geology
  1. Jadavpur University
  2. University of Delhi, Delhi
  3. Punjab University, Chandigarh

The Department of Geology, Panjab University, Chandigarh could not come for presentation

The above departments made presentation before the committee

After detailed discussions, the committee recommended that some more departments may be invited from the list prepared by the BSR Bureau including the Department of Panjab University, Chandigarh which could not made presentation.

**Item No. 6: Meeting with Prof. R.P. Gandhi for finalizing the modalities for launching of the scheme, "Operation Faculty Recharge".**

The Empowered Committee recommended that Prof. R.P. Gandhi may be designated as National Coordinator for the scheme. "Operation Faculty Recharge" on an honorarium of Rs.35,000/-p.m. The scheme will be formulated in the same manner as has been done in the case of " Dr. D.S. Kothari Post- Doctoral Fellowship. The committee also recommended that a formal letter may be sent to the President, INSA from Chairman, UGC exploring the possibility that the programme may be run in

collaboration with INSA with Prof. Gandhi, INSA fellow as the the National Coordinator.

**Item No.7:-Meeting with DG-CSIR and the 'Empowered Committee'**

The chairman of the Committee narrated the need of closer linkages between the universities and CSIR laboratories for strengthening higher education and research and the chairman, UGC affirmed the commitment of UGC for bridging the gaps, if any, in this regard.

The D.G. CSIR, while welcoming the idea, stated the current difficulties and lacunae in getting CSIR laboratories and their scientists recognized by various universities for the conduct of Ph.D. research and also for the conduct of certain specialized teaching programmes. Chairman, UGC requested DG, CSIR to provide a letter specifying these difficulties and answered that they would be redressed promptly by UGC norms/guidelines to the universities.

The following programmes were accepted for follow up implementation:

1. Establishing UGC-CSIR centers of Excellence in identified areas of scientific research in universities with active partnership of CSIR scientists along with university faculty.
2. To recognize CSIR scientists as recognized Ph.D guides by the universities under whose geographic jurisdiction the CSIR laboratory-falls.
3. To appoint CSIR scientists as adjunct proposals adjunct faculty in respective university departments.
4. Both the universities and the CSIR laboratories to mutually utilize the scientific infrastructure including libraries for teaching and training of post-graduates and Ph.D students.
5. It was resolved that the UGC-CSIR, Co-ordination Committee already constituted in this regard would periodically meet and monitor the strengthening of the consortium approach suggested

and also the implementation of joint schemes evolved already and to the evolved in future.

The chairman suggested that a meeting of similar nature can be called for after a month to consider the letter of DG, CSIR to be received regarding the remedial measures required to be taken by UGC to promote closer academic linkages between CSIR laboratories and universities.

**Item No.8:- Any other item.**

1. The matter regarding providing extension to the SAP departments For utilization of infrastructural grant was discussed and the committee decided that extension upto 31<sup>st</sup> March, 2009 may be provided for spending the 2<sup>nd</sup> installment of infrastructural grants released during 2007-2008.
2. A reminder may be sent to the remaining 16 colleges under Colleges for Potential for Excellence to send proposals for infrastructural grant @ Rs.5.00 lakhs each to science departments of the college.
3. The Empowered Committee recommended that for better and quick functioning of the BSR Bureau, the Officers of this Bureau may be provided with STD facilities at residence and Office, internet and mobile.

The meeting ended with a vote of thanks to the Chair.

It was decided to hold the next meeting of the Committee on 20.03.2008 at 11 A.M. in the UGC office.

## Annexure

Recommendation of the Non-SAP Science departments for grant of “Infrastructure report” as per item 3 and 5 of the approved minutes of Empowered Committee by Prof. S.P. Thyagarajan as authorized by the Empowered Committee.

Based on the criteria prescribed in items 3 and 5 of the minutes, analysis was made on the data compiled by the section and the proposals, sent by the universities. Final recommendation is being made as mentioned below:-

Sl. No.	Name of University	Name of Non-SAP Science Deptt. recommended	Quantum of Infrastructure grant (In Lacs)	Nos. of JRF's allotted
1.	Acharaya Nagarjuna University	None	-----	-----
2.	Acharaya Nagarjuna University (Navid Campus)	None	-----	-----
3.	Andhra University	Geo-Engineering	10	2
		Inorganic & Analytical Chemistry	10	2
		Physical & Nuclear Chemistry & Chemical Oceanography	10	2
		Meteorology & Oceanography	10	2
4.	Anna University, Chennai	Mechanical Engineering	25	5
		Manufacturing Engineering	10	2
		Textile Technology	10	2
		Mathematics	15	3
		Physics	25	5
5.	Annamalai Universtiy	Mathematics	10	2
		Physics	15	3
		Zoology	15	3
		Earth Sciences	10	2
		Manufacturing Engineering	10	2
		Chemical Engineering	10	2
		Pharmacy	10	2
		Agronomy	10	2
		Agricultural Botany	10	2
6.	Assam University	None	-----	-----

7.	Bangalore University	Botany	15	3
		Geography	10	2
8.	Banasthali University	Computer Science & Electronics	10	2
9.	Bhavnagar University	Chemistry	10	2
10.	University of Burdwan	None	-----	-----
11.	Bharathidasan University	None	-----	-----
12.	Chhatrapati Shahu Ji Maharaj University	None	-----	-----
13.	University of Delhi	Operational Research	10	2
		Biochemistry	10	2
		Microbiology	10	2
		Electronic Science	10	2
14.	Dibrugarh University	Statistics	10	2
		Life Sciences	10	2
15.	Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P)	Physics & Electronics	10	2
		Chemistry	25	5
		Mathematics & Statistics	10	2
		Geography	10	2
		Botany	25	5
		Zoology	15	3
16.	Dr. Ram Manohar Lohia Avadh University, Faizabad (U.P)	Environmental Science	10	2
17.	Dayalbagh Educational Institute	Chemistry	10	2
		Zoology	10	2
18.	Fakir Mohan University	None	-----	-----
19.	Gurukul Kangri University, Haridwar	Chemistry	10	2
		Botany & Microbiology	10	2
20.	Gandhigram Rural University	Chemistry	15	3
		Physics	10	2
		Biology	10	2
21.	Gujarat Vidyapeeth, Gujarat	None	-----	-----
22.	Gulbarga University	Zoology	10	2
		Microbiology	10	2
		Chemistry	15	3
23.	Gauhati University	Biotechnology	10	2
24.	Goa University	Marine Science	10	2



		Microbiology	10	2
25.	Jain Vishva Bharti Institute	None	-----	-----
26.	Jamia Hamdard University	Botany	10	2
		Biochemistry	10	2
		Biotechnology	10	2
		Pharmaceutical Chemistry	15	3
		Pharmaceutics	10	2
		Pharmacology	10	2
		Pharmacognosy & Phytochemistry	10	2
27.	Kannur University	None	-----	-----
28.	Karnataka State Women's University	None	-----	-----
29.	Kuvempu University	Chemistry	10	2
		PG. Studies & Research in Industrial Chemistry	10	2
		Biotechnology	10	2
30.	Magadh University	Botany	10	2
		Chemistry	10	2
31.	Manonmaniam Sundaranar University	Biotechnology	10	2
32.	Manipur University	Chemistry	10	2
33.	Mizoram University	None	-----	-----
34.	Madurai Kamaraj University	None	-----	-----
35.	The Maharaj Sayajiro University of Baroda	None	-----	-----
36.	University of North Bengal	Mathematics	10	2
37.	North Eastern Hill University	None	-----	-----
38.	North Maharashtra University	None	-----	-----
39.	Pondichery University	Clarification To be Obtained		
40.	Punjabi University	Human Biology	10	2
		Biotechnology	10	2
		Physiotherapy & Sports Science	10	2
41.	Sant Gadge Baba Amravati University	None	-----	-----
42.	Swami Ramanand Teerth Marathwada University	Life Science	10	2
43.	Sardar Patel University	None	-----	-----
44.	Saurashtra University	None	-----	-----
45.	Sri Krishnadevaraya University	Chemistry	15	3

		Physics	10	2
		Mathematics	10	2
		Botany	10	2
		Microbiology	10	2
46.	Sambalpur University	None	-----	-----
47.	Tezpur Univ.	Mathematical Science	10	2
		Physics	10	2
48.	Tamil University, Thanjavur	None	-----	-----
49.	Utkal University	Geology	10	2
		Geography	10	2

In the case of Pondicherry University, breakup details about departmentwise Ph.D details and Publication details has not been provided by the University. After Clarifying the details, decision can be taken. A letter to Pondicherry University asking for clarification may be sent.