

School of Engineering and Technology
Central University of Jharkhand

Minutes of the Meeting

(1st School Board)

A meeting of the second board of studies for the Centre for Nanotechnology was held on 12th May, 2017 at Central University of Jharkhand at 10 AM. The following members were present.

1. Prof. S.C.Mullick., Emeritus Professor, IIT Delhi
2. Prof Arun Chattopadhyay, IIT Guwahati
3. Prof. Ashok Kumar, Tezpur University, Tezpur
4. Prof. R.K.Dey, Head, Centre for Nanotechnology, CUJ, Ranchi
5. Prof. H.P.Singh, Centre for Water Engineering and Management. CUJ, Ranchi
6. Prof A.C.Pandey, Centre for Land Resource and Management, CUJ, Ranchi
7. Dr. G.P.Singh, Centre for Nanotechnology, CUJ, Ranchi
8. Dr. Basudev Pradhan, Centre for Energy Engineering. CUJ, Ranchi
9. Prof S. K. Samdarshi, Dean (SET), Convenor and Chairperson (ex-officio)

The chairman welcomed all the delegates and discussed in details about the agenda items. The following Resolutions against each agenda item were taken.

Agenda no.	Agenda/Resolution
CENTRE FOR NANOTECHNOLOGY	
SB/ 1/ SET/1	Minutes of 1 st and 2 nd board of studies (Annexure-1)
Resolution	Approved
SB/ 1/ SET/2	Approval of course structure and syllabi of 2 years M.Tech in Nanotechnology(Annexure-2)
Resolution	Approved One core course each related to biology and chemistry may be included
SB/ 1/ SET/3	Approval of 5-years integrated M.Tech course structure and syllabus in Nanotechnology (Annexure-3: old and revised)
Resolution	Approved
SB/ 1/ SET/4	Examiners list approval for M.Tech project (Annexure-4)

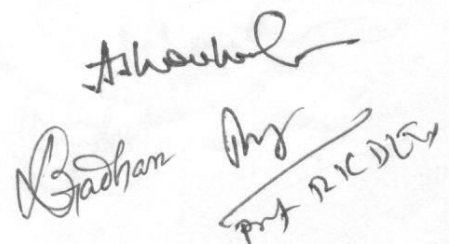
Resolution	Approved
SB/ 1/ SET/5	<p>Eligibility Criteria for admission in M.Tech program in Nanotechnology</p> <p>B.E/ B.Tech in Nanotechnology, Energy, Engineering Physics, Chemical science and Technology, Metallurgical Engineering, Mechanical, Electrical, Electronics, Chemical Engineering, Materials Science, Biotechnology or equivalent with minimum 60 % in aggregate or equivalent CGPA</p> <p>OR</p> <p>M.Sc in Nanoscience and Nanotechnology, Material Science, Physical Science , Chemical Science, Biological Science or equivalent with minimum 55 % in aggregate or equivalent CGPA</p>
Resolution	Approved
SB/ 1/ SET/6	<p>Eligibility criteria for admission into PhD program in Nanotechnology</p> <p>M.E/ M.Tech in Nanotechnology, Metallurgical Engineering, Mechanical, Electrical, Electronics, Chemical Engineering, Materials Science, Biotechnology or equivalent with minimum 60 % in aggregate or equivalent CGPA</p> <p>OR</p> <p>M.Sc in Nanoscience, Physical Science , Chemical Science ,Material Science, Biological Science or equivalent with minimum 55 % in aggregate or equivalent CGPA</p>
Resolution	<p>Approved with suggestions regarding minimum credits:</p> <p>M.Tech course work (minimum 8 credits)</p> <p>M.Sc course work (minimum 16 credits)</p> <p>Minimum duration for submission of thesis : M.Tech (2 years) ; MSc (3 years)</p>
SB/ 1/ SET/7	Approval of PhD course work structure and syllabus(Annexure-5)
Resolution	Approved
SB/ 1/ SET/8	Progress report of individual students/ Course work completion. Research Advisory Committee (RAC) of each student – Ms. Soumita Jana, Mr.Parmeswar Kommu, Mr Praveen Ramagiri, Mr.Durgesh Kumar(Annexure-6)
Resolution	Approved
SB/ 1/ SET/9	Consideration of change of name of the centre from “ Centre for Nanotechnology” to “ Centre for / Department of Nanoscience and Technology “
Resolution	The above proposal would make it more inclusive. Approved











SB/ 1/ SET/10	Notwithstanding anything contained in AICTE/UGC norms, eligibility criteria of faculties will be M.Tech in appropriate branch of engineering and technology OR M.Sc in appropriate branch of Science with at least 55% marks and PhD work in areas related to Nanoscience and Technology
Resolution	Approved It must be kept in mind that the nature of the subject is multidisciplinary (as the intake of the students is from different disciplines). Thus at the time of recruitment the background of the faculty should be chosen such that students from different disciplines can learn from teachers of multiple disciplines.
SB/ 1/ SET/11	Proposal of additional faculty members with justification required by the centre: As per AICTE norms for PG program Faculty: Student intake ratio=1:12 ~ 17 As per UGC norms for PG program Faculty: Student intake ratio=1:10 ~ 20
Resolution	It should be as per AICTE/UGC norms.
CENTRE FOR ENERGY ENGINEERING	
SB/ 1/ SET/12	Minutes of 1 st and 2 nd board of studies(Annexure-9)
Resolution	Approved
SB/ 1/ SET/13	Approval of course structure and syllabi 2 years M.Tech in Energy Engineering(Annexure-10)
Resolution	Approved with recommendation of minimum 16 credit in each semester
SB/ 1/ SET/14	Approval of 5-years integrated M.Tech course structure and syllabus in Energy Engineering (Annexure-11: old and revised)
Resolution	Approved
SB/ 1/ SET/15	Examiners list approval for M.Tech project(Annexure-12)
Resolution	Approved
SB/ 1/ SET/16	Essential eligibility Criteria for admission in M.Tech program in Energy Engineering B.E/ B.Tech in Energy Engineering, Mechanical, Electrical, Electronics, Chemical Engineering, Chemical science and Technology, Engineering Physics, Nanoscience and Nanotechnology, Materials Science or equivalent with minimum 60 % in aggregate or equivalent CGPA OR M.Sc in Physics, Chemistry, Materials science, Nanoscience and Nanotechnology or equivalent with minimum 55 % in aggregate or equivalent CGPA
Resolution	Approved
SB/ 1/ SET/17	Eligibility criteria for admission into PhD program

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	M.E/ M.Tech in Energy Engineering, Mechanical, Electrical, Electronics, Chemical Engineering, Engineering Physics, Nanoscience and Nanotechnology, Materials Science or equivalent with minimum 60 % in aggregate or equivalent CGPA OR M.Sc in Physics, Chemistry, Nanoscience and Nanotechnology, Materials Science or equivalent with minimum 55 % in aggregate or equivalent CGPA
Resolution	Approved with suggestions M.Tech course work (minimum 8 credits) M.Sc course work (minimum 16 credits) Minimum duration for submission of thesis : M.Tech (2 years) ; MSc (3 years)
SB/ 1/ SET/18	Approval of PhD course work structure and syllabus.(Annexure-13)
Resolution	Approved
SB/ 1/ SET/19	List of Eligible PhD Supervisor – inclusion of Dr. B.M.Jha(Annexure-14)
Resolution	Approved
SB/ 1/ SET/20	Progress report of individual students/ Course work completion. Research Advisory Committee (RAC) of each student – Atul Sagade, Kumar Gaurav, Arup Mahapatra, Neha Kumar, Sandeep Kumar(Annexure-15)
Resolution	Approved
SB/ 1/ SET/21	Consideration of change of name of the centre from “ Centre for Energy Engineering” to “ Department of Energy science and Engineering “ – (Annexure- 9: Comment of External Expert of BOS)
Resolution	The above proposal would make it more inclusive. Approved
SB/ 1/ SET/22	Notwithstanding anything contained in AICTE/UGC norms, eligibility criteria of faculties will be M.Tech in appropriate branch of engineering and technology OR M.Sc in appropriate branch of science with at least 55% marks and PhD work in areas related to Energy Science and Engineering
Resolution	Approved It must be kept in mind that the nature of the subject is multidisciplinary (as the intake of the students is from different disciplines). Thus at the time of recruitment the background of the faculty should be chosen such that students from different disciplines can learn from teachers of multiple disciplines.
SB/ 1/ SET/23	Proposal of additional faculty members with justification required by the centre: As per AICTE norms for PG program Faculty: Student intake ratio=1:12 ~ 17 As per UGC norms for PG program Faculty: Student intake ratio=1:10 ~ 20
Resolution	It should be as per AICTE/UGC norms

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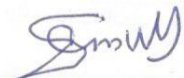
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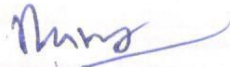
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CENTRE OF EXCELLENCE IN GREEN AND EFFICIENT ENERGY TECHNOLOGY(CoE-GEET)	
SB/ 1/ SET/24	Proposal for considering CoE-GEET(funded by MHRD) as a separate centre under School of Engineering and Technology as per MoU
Resolution	Approved
SB/ 1/ SET/25	Proposal for offering self-financed M.Tech (GEET) program and PhD program under CoE-GEET(Annexure-18: Course structure of M.Tech (GEET)), PhD(GEET)
Resolution	Approved
SB/ 1/ SET/26	Approval of criteria for appointment of RA under CoE-GEET (Annexure-19)
Resolution	Recommended for PhD/MTech with two years of experience with one SCI paper(Ref: DRD/Rectt/Project 52/2017 dtd 25/03/2017 of IIT, Bombay)
CENTRE FOR COMPUTER SCIENCE AND TECHNOLOGY	
SB/ 1/ SET/27	Proposal to start M.Tech in Computer Science and Technology with different specializations
Resolution	Approved
ANY OTHER MATTER	
SB/ 1/ SET/28	Any other matter i) Proposal for admitting self-financed students in MTech ii) Issue of Chairman of RAC of research scholars iii) Issue of insufficient laboratory infrastructure iv) Suspension of five-year MTech Program in School of Engineering and Technology
Resolution	Approved i) In MTech a few supernumerary seats may be kept for self-financed candidates through CUCET examination. ii) The RAC should be chaired by the student's supervisor and not the Head of the Centre. iii) Five-year MTech program under school may be continued in the larger interest of the future of students, teachers and University

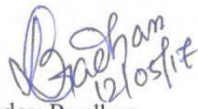

Prof. S. C. Mullick

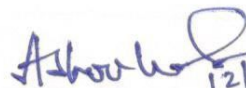

Prof. R.K. Dey,



Dr. G.P. Singh


 12/5/2017
Prof. Arun Chattopadhyay


Prof. H.P. Singh

 12/05/17
Dr. Basudev Pradhan

 12/05/2017
Prof. Ashok Kumar


Prof. A.C. Pandey

 12/05/17
Prof. S. K. Samdarshi