

Department of Energy Engineering  
Central University of Jharkhand

Agenda of the Meeting  
(3<sup>rd</sup> Board of Studies 21/09/2019)

| DEPARTMENT OF ENERGY ENGINEERING |   |
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| Agenda no.                       | Agenda/Resolution   |
| BOS/3/DEE/1                      | Vision and Mission of the Department of Energy Engineering(DEE)   |
| Resolution                       | Approved  |
| BOS/3/DEE/2                      | Approval of course structure and syllabus of 2 years M.Tech. in Energy Engineering as per the new guidelines of AICTE and UGC   |
| Resolution                       | <p>Approved.</p> <p>The committee also recommended the following</p> <ol style="list-style-type: none"> <li>1. The M. Tech students may be motivated to publish at least one conference paper from the MTech project as the total credits assigned to the MTech project is high.</li> <li>2. A course on Energy-environment interaction may be floated as program core.</li> <li>3. A couple of courses that could bridge the requirements for student intake with heterogeneous backgrounds may also be offered. These may include basic thermal engineering, basic electrical engineering, basic engineering mathematics. The students may be advised to opt one or more of these courses depending on their professional backgrounds and level of preparedness.</li> <li>4. For each M. Tech. project a student opponent may be assigned from amongst the same batch of M. Tech. students with the mandate to provide his/her inputs on the draft thesis dissertation prepared by the student being examined.</li> <li>5. For student doing their M. Tech. project work in outside organizations may be given an option to study two relevant courses(minimum 6 credits) through MOOCs or any other distance learning mechanism. For this purpose the department will identify a set of 10-12 courses out of which students will have to make a choice. These courses will have to be approved as per University rules.</li> </ol> |
| BOS/3/DEE/3                      | Approval the Department Research Committee(DRC) of the DEE and Research Advisory Committee(RAC) of Research Scholars  |
| Resolution                       | Approved  |
| BOS/3/DEE/4                      | List of Experts for DEE   |
| Resolution                       | Approved  |

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| BOS/3/DEE/5  | <p>Essential eligibility Criteria for admission in M.Tech. program</p> <p>B.E/ B.Tech. in Energy Engineering, , Mechanical, Electrical, Electronics, Chemical Engineering, Materials Science, and Engineering Physics with minimum 60 % in aggregate or equivalent CGPA</p> <p>OR</p> <p>M. Sc. in Physics, Chemistry with minimum 55 % in aggregate or equivalent CGPA</p>  |
| Resolution   | Approved   |
| BOS/3/DEE/6  | <p>Eligibility criteria for admission into PhD program</p> <p>M.E/ M.Tech. in Energy Engineering, Mechanical, Electrical, Electronics, Chemical Engineering, Materials Science with minimum 60 % in aggregate or equivalent CGPA</p> <p>OR</p> <p>M.Sc. in Physics, Chemistry with minimum 55 % in aggregate or equivalent CGPA</p> <p>OR</p> <p>B. Tech. in Energy, Mechanical, Electrical, Electronics, Chemical, Civil Engineering or Material Science with 80% or 8.0 CGPA from Institutes of National importance like IISc, NITs and IITs</p> |
| Resolution   | Approved   |
| BOS/3/DEE/7  | Approval of Ph.D. course work structure and syllabus.  |
| Resolution   | Approved   |
| BOS/3/DEE/8  | Approval of list of Eligible Ph.D. Supervisors – inclusion of Dr. D. B. Lata   |
| Resolution   | Approved   |
| BOS/3/DEE/9  | Progress report of individual students/ Research Advisory Committee (RAC) of each student – Kumar Gaurav, Arup Mahapatra, Neha Kumari, Sandeep Kumar, P S Panja, Amit Kumar, Indra Mohan, Prashant Kumar, G Chakrapani   |
| Resolution   | Approved   |
| BOS/3/DEE/10 | Proposal for certificate (One semester) and/or Diploma(One year) program in Energy Policy and Management and the respective course structure.  |
| Resolution   | <p>Approved</p> <p>A Certificate/Diploma programme on energy policy and management may be offered by the Department of Energy Engineering. Under the same theory course may be offered in the first six months and diploma may be given after one year after six months field work,</p>  |

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|              | research project, and preparation and defense of a policy document. The certificate or diploma courses may also be offered on MOOCs platform after some years.   |
| BOS/3/DEE/11 | Proposal for financial assistance to the Department for final year M. Tech. Project  |
| Resolution   | Approved   |
| BOS/3/DEE/12 | Notification regarding the approval of the change in the name of Department of Energy Engineering to Department of Energy Science and Engineering  |
| Resolution   | The process may be expedited as it is already approved by BoS and School Board.  |
| BOS/3/DEE/13 | Validity of course work undertaken by PhD students at IIT Guwahati for meeting the Pre-PhD course requirement of Department of Energy Engineering, Central University of Jharkhand   |
| Resolution   | Recommended.<br><br>It is envisaged to sign an MoU with IIT Guwahati that would enable the Doctoral students of the Department of Energy Engineering of Central University of Jharkhand to work in several laboratories of IIT Guwahati. This may also necessitate that the doctoral students undertake the course offered at IIT Guwahati. It is therefore recommended, in such cases, the coursework satisfactorily completed by a doctoral student at IIT Guwahati may be accepted to meet the pre-PhD coursework requirement of Central University of Jharkhand. |

*Tuandah*  
21/09/2019  
Prof T C Kandpal

*Arvind*  
Mr Arvind Kumar B. Prasad

*A C Pandey*  
Prof A C Pandey

*B M Jha*  
Dr B M Jha

*Gajendra Singh*  
Dr Gajendra Singh

*Basudev Pradhan*  
Dr Basudev Pradhan

*Sachin Kumar*  
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Dr Sachin Kumar

*Birendra Bharati*  
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Dr Birendra Bharati

*Manoj Kumar*  
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Prof Manoj Kumar

*D B Lata*  
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Dr D B Lata

*S K Samdarshi*  
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