



डा बी आर अम्बेडकर राष्ट्रीय प्रौद्योगिकी संस्थान, जालन्धर
Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR

ऊर्जा एवं पर्यावरण केन्द्र
Centre for Energy and Environment

संदर्भ संख्यां / Ref No. NITJ/CEE/ 113

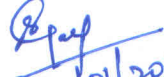
दिनांक / Dated: 12/1/2021

Subject: Minutes of the Internal Board of Studies meeting of Centre for Energy and Environment.

Sir / Madam

Please find enclosed herewith the Minutes of the Internal Board of Studies meeting of Centre for Energy and Environment for your kind information as per list attached.

With Regards


12/01/2021

(Dr. Sangeeta Garg)
Associate Professor and Head/CH
Member Secretary



MINUTES OF MEETING

FOR THE

INTERNAL

BOARD OF STUDIES

OF

Centre for Energy and Environment

HELD ON

January 08, 2021 AT 12.30 p.m.

ON VIRTUAL MODE

AT

**Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY,
JALANDHAR**

MINUTES OF THE INTERNAL MEETING OF BOARD OF STUDIES (BOS) OF CENTRE FOR ENERGY AND ENVIRONMENT DR. B.R. AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR HELD ON JANUARY 08, 2021

Following members were present:

1.	Dr. M K Jha, Professor Department of Chemical Engineering and Head Centre for Energy and Environment Email: jhamkin@yahoo.co.in (M) 9417290668	Chairman
2.	Dr. Arunangshu Mukhopadhyay, Professor and Dean Academic Department of Textile Technology Email: mukhopadhyaya@nitj.ac.in (M) 946383698	Member online
3.	Dr. Anil K Sarma, Scientist E and Head of Office, Sardar Swaran Singh National Institute of Bio-Energy, Kapurthala. Email: anil.sarma16@gov.in (M) 9988425251, 9316027800	Member online
4.	Dr. Sachin Kumar, Scientist 'C', Sardar Swaran Singh National Institute of Bio-Energy, Kapurthala. Email: sachin.biotech@gmail.com (M) 9988864647, 9316027800	Member online
5.	Dr. Nikhil Gakkhar, Scientist C, Sardar Swaran Singh National Institute of Bio-Energy, Kapurthala. Email: nikhil.mnre@gov.in (M) 7737673441	Member
6.	Dr. A K Chaudhary, Associate Professor, Department of Textile Technology Email: choudharyak@nitj.ac.in (M) 94177-10385, 6239549170	Member
7.	Dr. Kiran Singh, Assistant Professor, Department of Physics Email: singhkp@nitj.ac.in (M) 9893134824	Member
8.	Dr. Mahesh Sah, Assistant Professor, Department of Biotechnology Email : sahmk@nitj.ac.in (M) 8340774578, 7095044510	Member
9.	Dr. Anee Mohanty, Assistant Professor, Department of Biotechnology Email: mohantya@nitj.ac.in (M) 9703991708	Member
10.	Dr. Amit Kumar Singh, Assistant Professor, Department of Instrumentation and Control Engg. Email: singhak@nitj.ac.in (M) 9286501979	Member
11.	Dr. Anurag Tiwari, Assistant Professor, Department of Chemical Engineering and MTech Coordinator Email: tiwaria@nitj.ac.in (M) 9956356951	Special Invitee
12.	Dr. S K Mishra, Registrar Email: skmisra@nitj.ac.in , sushendramisra@gmail.com (M) 9478098010	Special Invitee online
13.	Dr. Sangeeta Garg, Associate Professor and Head Department of Chemical Engineering Email: gargs@nitj.ac.in (M) 9872826903	Member Secretary

Members could not attend the meeting due to their professional pre-occupation.

1.	Dr. D K Shukla, Associate Professor and Head, Department of Mechanical Engineering Email: kushwahapramod@nitj.ac.in (M) 9478129407	Member
2.	Dr. Kailash Chand Sharma, Assistant Professor, Deptt. of Electrical Engineering Email: sharmakc@nitj.ac.in (M) 9887221353	Member
14.	Dr. Pramod Kumar, Associate Professor, Department of Mechanical Engineering Email: kushwahapramod@nitj.ac.in	Member

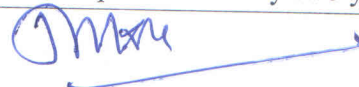




The Chairman welcomed all the honorable Members and special invitee present during the meeting.

Item No. 3.1	To finalize the qualification for faculty position.
Decision	<p>Essential Qualifications:</p> <ul style="list-style-type: none">• First class in 4-year B.Sc. (Engineering) / B.E. / B. Tech. in any branch of Engineering/Technology or First class M.Sc in Physics /Chemistry/Environmental Science/ Bio-Technology• M. Tech in Renewable energy/ Energy Technology/ any branch of Engineering/Technology (related research area of Energy, Environment)• Ph.D. in appropriate area (as approved by concerned Board of Studies) OR Integrated M.E./M Tech with Ph. D in appropriate branch. <p>Research Areas: Solar Energy, Wind Energy, Biomass energy, Hybrid Vehical, Carbon Capture, Smart Grid, Green Building, Climate Change, Conventional Power Generation etc.</p> <p>Experience Requirements:</p> <p>Assistant Professor: At least three years' post-Ph.D. experience in teaching/research/industry for the post of Assistant Professor (Regular). Candidates not satisfying the experience requirement for direct recruitment as Assistant Professor (regular) may be considered as Assistant Professor (on contract) which may be regularized subsequently on completion of the minimum experience requirement and satisfactory performance in teaching & research during the period of contract appointment.</p> <p>Associate Professor: A minimum of six years in teaching/research/industry of which at least three years should be at the level of Assistant Professor/Senior Scientific Officer/Senior Design Engineer or equivalent, excluding however, the experience gained while pursuing Ph.D. A candidate should have preferably produced one Ph.D. student (degree awarded or thesis submitted) with reasonable number of peer reviewed publications in journals of repute.</p> <p>Professor: A minimum of ten years of total post-Ph.D. experience in teaching/research/industry of which at least four years should be at the level of Associate Professor in any of the following: NITs, IITs, IISc Bangalore, CFTI, State Government funded institute or at an equivalent level in any such industry or other Indian or foreign institution/institutions of comparable standards as may be so decided by the institute. A candidate must have produced at least two Ph.D. students (degree awarded) with reasonable number of peer reviewed publications in journals of repute.</p> <p>Experience: Experience as per GoI, MHRD, F.No.33-9/2011-TS.III, dated 16th April, 2019, (including prior to implementation of NIRF) shall be considered if acquired in any of the following Institutions:</p> <ol style="list-style-type: none">I. Fully Funded Central Educational Institutions.II. State Educational Institutions funded by respective State Government.IV. Other Institutions ranked by NIRF up to 50 for any two years.





	<p>V. Other Educational Institutions ranked by NIRF up to 100 in overall, Universities, Engineering for any two years.</p> <p>Also, International / National experience as Post-Doctoral Fellow with National Agencies of respective countries and Post-Doctoral Fellowships offered by Institutions, which are in QS / THE World Ranking up to 500 will be considered for the post of Assistant Professor (Pay Level 12, pre-revised AGP 8000) issued by Oversight Committee. [GoI, MHRD, F.No.33-9/2011-TS.III, dated 16th April, 2019]. Experience as mentioned above and as per RRs in an Institution/ organization will only be considered for calculating total experience.</p>
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Item No. 3.2	List of Experts
Decision	<p>The following list of experts have been discussed and approved during the meeting</p> <ol style="list-style-type: none"> 1. Prof. Kaustava Mohanty (PhD, IIT Kharagpur), HoD Centre for Energy, Indian Institute of Technology, Guwahati, Mob No. (+919954748285). Email: kmohanty@iitg.ernet.in (Chemical/ Biochemical Energy expert). 2. Prof S.K. Samdarshi (PhD, IIT Delhi) ,Centre for Energy Engineering, Central University of Jharkhand, cell: +919431107270(M) E-Mail drksamdarshi@rediffmail.com (Solar Energy/ Photocatalysis/ Photovoltaic Expert) 3. Prof. Vinod Kumar Garg, Centre for Environmental Science and Technology, Central University of Punjab, Bathinda 151001, Punjab Phone: +91 9812058109 E mail: vinodkgarg@yahoo.com (Expert in Environmental Science, Chemical/Nuclear Energy and Technology) 4. Prof. D. C. Baruah, (PhD PaU, Punjab) HoD, Department of Energy, Tezpur University, Assam, India. Phone: +919435508563 Email: baruahd@tezu.ernet.in (Expert in Agro Energy/ Energy Management) 5. Dr. K. Balaraman, <i>Director General</i>, National Institute of Wind Energy, dg.niwe@gov.in Phone. No. 044-22463981 (Wind Energy Expert) 6. Dr. P. Sridhar, Chief Scientist, Central Electrochemical Research Institute, (CECRI), CSIR Madras Complex, Taramani. Chennai. Tamil nadu, India 600113. Email: psridhar55@gmail.com (Fuel Cell Expert) 7. Dr. R.P. Saini, Professor, Department of Hydro and Renewable Energy (Formerly Alternate Hydro Energy Centre) Indian Institute of Technology, Roorkee-247 667, (Uttarakhand), India Tel. No. (01332)-285841 (O) E-mail: rp.saini@hre.iitr.ac.in ; saini.rajeshwer@gmail.com.(Hydro Energy/ Turbine design) 8. Prof. V K Vijay, Chair Professor, CRDT, IIT Delhi, Tel. : (91)-11-26596351 (O), 26596311 (Lab). Fax : (91)-11-26591121. Email: vkvijay@rdat.iitd.ac.in , vkvijay14@gmail.com (Rural Energy/ Biogas/ Bio CNG) 9. Prof Pratibha Sharma Department of Energy Science and Engineering, IIT Bombay, Powai Mumbai 400 076, India,, Phone (Internal(O)) :





- (0091 22) - 2576-7898. Email: pratibha_sharma@iitb.ac.in (Solid state hydrogen storage).
10. Prof. Rintu Banerjee, Department of Agricultural & Food Engineering, IIT Kharagpur, Email: rb@agfe.iitkgp.ernet.in (Biofuel, bioethanol)
 11. Prof William Kumar Mohanty, Head, Deysarkar Centre of Excellence in Petroleum Engineering, IIT Kharagpur (Reservoir Engineering, Geological Engineering)
 12. Prof. Siddartha Mukhopadhyay, Head Department of Energy, IIT Kharagpur, Email: smukh@ee.iitkgp.ac.in ; Phone +91-3222-283066 (Instrumentation and power control, electrical utilities)
 13. Prof. T.C. KANDPAL, Centre for Energy Studies
Tel:011-26591262; Email: tarak@ces.iitd.ac.in (Solar concentrators, Solar thermal devices, Renewable energy education and training)
 14. Dr. K K Pant, Professor and Head, Department of chemical Engineering, Indian Institute of Technology, Hauz Khas, New Delhi – 110 016.
Ph. 11-26596172 (O), 26591878, 26581042 (R), (M) 9990662905
Email: kkpant@mailcity.com, kkpant@chemical.iitd.ac.in
 15. Professor Dr. S K Shukla, Founder Coordinator Centre for Energy and Resources Development, Department of Mechanical Engineering, IIT Varanasi.

However, the Board of Studies authorized the Head of Centre to include additional name in the list as a when required.

The meeting ended with formal vote of thanks by Member Secretary.

(Dr. Sangeeta Garg)
Associate Professor and Head/CH
Member Secretary

S. Garg
12/01/2021

Om
12/1/2021

Head
Centre for Energy and Environment
Dr. B.R. Ambedkar National Institute of Technology
Jalandhar - 144 011