



MINUTES OF MEETING

FOR THE

INTERNAL BOARD OF STUDIES

OF

Centre for Energy and Environment

HELD ON

October 15, 2022 AT 2:00 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 OCTOBER 15, 2022 AT 2:00 PM IN VIRTUAL MODE**Following members were present:**

1.	Dr. M K Jha, Professor, HAG Department of Chemical Engineering, Joint Faculty and Head Centre for Energy and Environment Email: jhamkin@yahoo.co.in (M) 9417290668	Chairman
2.	Dr. Harsh Verma, Professor and Dean Academic Department of Computer Science and Engineering Email: da@nitj.ac.in (M) 9463001601	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) 94177103885, 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. Kailash Chand Sharma, Assistant Professor, Deptt. of Electrical Engineering Email: sharmakc@nitj.ac.in (M) 9887221353	Member
10.	Dr. Anurag Tiwari, Assistant Professor, Department of Chemical Engineering and MTech Coordinator Email: tiwaria@nitj.ac.in (M) 9956356951	Special Invitee
11.	Dr Vandit Vijay, (Scientist-C) Sardar Swaran Singh National Institute of Bio-Energy, Kapurthala Email : vandit@nibe.res.in (M) 9717509356	Special Invitee
12.	Dr Sanjeev Mishra, (Scientist-D) Sardar Swaran Singh National Institute of Bio-Energy, Kapurthala Email : sanjeevmishra@nibe.res.in (M) 8638521921	Special Invitee
13.	Dr Rawel Singh (Scientist-D) Sardar Swaran Singh National Institute of Bio-Energy, Kapurthala Email : rawel@nibe.res.in (M) 8979891790	Special Invitee
14.	Dr. A Senthil Nagappan (Scientist-D) Sardar Swaran Singh National Institute of Bio-Energy, Kapurthala Email : a.senthil@nibe.res.in (M) 8015068195	Special Invitee
15.	Dr Prashant Malik Guest Faculty Centre for Energy and Environment Email : pm19101993@gmail.com (M) 9882551156	Special Invitee

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Jalandhar - 144 011

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

1.	Dr. Pramod Kumar, Associate Professor, Department of Mechanical Engineering Email: kushwahapramod@nitj.ac.in	Member
2.	Dr. D K Shukla, Associate Professor and Head, Department of Mechanical Engineering Email: shukladk@nitj.ac.in (M) 9478129407	Member
3.	Dr. Amit Kumar Singh, Assistant Professor, Department of Instrumentation and Control Engg. Email : singhak@nitj.ac.in (M) 9286501979	Member
4.	Dr. AneeMohanty, Assistant Professor, Department of Biotechnology Email: mohantya@nitj.ac.in (M) 9703991708	Member

The Chairman welcomed all the honorable Members and special invitee present during the meeting and afterwards the following Agenda item were taken for discussion:

Item No. 8.1	The Minutes of the meeting of Internal BOS held on August 22, 2022 were circulated. No comments were received from the members. The minutes are placed before the Board of Studies for confirmation please.
Decision	The minutes of the meeting of BOS held on August 22, 2022 were confirmed.

Item No. 8.2	Action taken report on the decision taken during meeting held on August 22, 2022.
Decision	The members noted the action taken

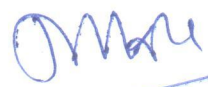
Item No. 8.3	Progress of the Centre August 22,2022 to 14 October, 2022 Head Centre for Energy and Environment may like to speak
Decision	The members appreciated the efforts of the Centre specially initiating to start undergraduate program from the academic year 2023-24

Item No. 8.4 (a)	<p>Modification of the qualification for admission to MTech in Renewable Energy program</p> <p>Existing Educational Qualifications for M.Tech (Regular/Self-Sponsored)</p> <p>4 year B.Tech/BE/BSc (Engineering) in Energy/Chemical/Biotechnology/Mechanical/Agriculture/Production/Electrical/Instrumentation and Control/Electronics & Communication or Equivalent Engineering or M.Sc. (Physics/Chemistry).</p> <p>Proposed Educational Qualifications for M.Tech (Regular/Self-Sponsored) candidates</p> <p>B.E./ B.Tech./ B.Sc. (Engineering) / Bachelor of Architecture /Bachelor of Planning/M.Sc. or equivalent to B.E. / B.Tech. earned through Associate Membership Examinations conducted by recognized professional bodies (like Institution of Engineers. (India), Institute of Chemical Engineers., Aeronautical Society of India, Institute of Electronics & Telecommunication Engineers., Indian Institute of Metals, etc.).</p>
Discussion	The members discussed in detailed proposal which has been prepared based on Educational Qualifications for M.Tech admissions in various Institute of National Importance such as : IIT Bombay, IIT Delhi, NIT Hamirpur, IIT Kharagpur etc.

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Decision	<p>The members approved the following:</p> <p>Educational Qualifications for M.Tech (Regular/Self-Sponsored) candidates</p> <p>B.E./ B.Tech./ B.Sc. (Engineering) / Bachelor of Architecture /Bachelor of Planning/M.Sc. or equivalent to B.E. / B.Tech. earned through Associate Membership Examinations conducted by recognized professional bodies (like Institution of Engineers. (India), Indian Institute of Chemical Engineers., Aeronautical Society of India, Institute of Electronics & Telecommunication Engineers., Indian Institute of Metals, etc.).</p>
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Item No. 8.4(b)	<p>Proposed modification in Educational Qualifications for Ph. D candidates</p> <p>Existing Educational Qualifications for Ph.D.</p> <p>M.Tech in Renewable Energy, Chemical Engineering, Electrical Engineering (and allied areas), Instrumentation and Control, Material Science, Agriculture Engineering, Mechanical Engineering, Thermal Engineering, Packaging Technology etc. along with B.Tech. or Master Degree in Environmental Science/Technology or M.Sc. in Physics, Chemistry with a First class of Minimum 60% Marks (or CGPA of 6.5 on 10 point scale)</p> <p>Proposed Educational Qualifications for Ph.D.</p> <p>Master's degree in Engineering/Technology/Architecture/Science in relevant areas along with</p> <p>Bachelor's degree in Engineering/Design /Architecture or equivalent to B.E. / B.Tech. earned through Associate Membership Examinations conducted by recognized professional bodies (like Institution of Engineers. (India), Indian Institute of Chemical Engineers., Aeronautical Society of India, Institute of Electronics & Telecommunication Engineers., Indian Institute of Metals, etc.).</p> <p style="text-align: center;">and</p> <p>Master degree in Engineering/Design /Architecture or Science with a minimum of 60 percent marks/6.5 CGPA.</p> <p>The candidates with a valid GATE/CSIR/ UGC NET/CEED/ICAR/DST INSPIRE Fellowship will be waived of for appearing in the entrance examination conducted by the Institute and they will be allowed directly to appear in the interview for admission to PhD programme.</p>
Discussion	<p>The members discussed in detailed proposal which has been prepared based on Educational Qualifications for PhD admissions in the various Institute of National Importance such as IIT Bombay, IIT Delhi, IIT Kanpur, IIT Roorkee, MNIT Bhopal, MNIT Jaipur, NIT Hamirpur, NIT Kurukshetra etc.</p>


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Decision	<p>The members approved the following:</p> <p>Educational Qualifications for Ph.D program (UG and PG)</p> <p>Bachelor's degree in Engineering/Design /Architecture or equivalent to B.E. / B.Tech. earned through Associate Membership Examinations conducted by recognized professional bodies (like Institution of Engineers. (India), Indian Institute of Chemical Engineers., Aeronautical Society of India, Institute of Electronics & Telecommunication Engineers., Indian Institute of Metals, etc.).</p> <p>and</p> <p>Master degree in Engineering/Design /Architecture or Science with a minimum of 60 percent marks/6.5 CGPA.</p> <p>The candidates with valid GATE/CSIR/ UGC NET/CEED/ICAR/DST INSPIRE Fellowship will be waived off for written examination and they will be allow directly in the interview for admission to PhD programme</p>
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The meeting ended with formal vote of thanks by Chairman.


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(Dr.M K Jha)
Chairman BOS

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