



**MINUTES OF 5<sup>th</sup> MEETING OF FACULTY OF ENGG & TECH HELD ON 20.06.2022**

A pre-scheduled 5<sup>th</sup> Meeting of Faculty of Engineering & Technology of Maharaja Ranjit Singh Punjab Technical University, Bathinda was held on 20.06.2022 at 11:00 AM onwards in online mode. The following members were present:

1. **Dr. SUNDAR SINGH** **Chairperson**  
Former Professor, Civil  
Thapar IET, Patiala  
(98761-78224) sundersingh453@gmail.com
2. **Dr. SARBJEET KAUR BATH** **Member Secretary**  
Head, Department of Electrical Engg  
GZSCCET, MRSPTU Bathinda  
(94638-36070) sjkbath77@gmail.com
3. **Er. J. S. Tiwana** **Member**  
Department of Mechanical Engg.  
GZSCCET, MRSPTU Bathinda,  
(94175-42454) jstiwana1@rediffmail.com
4. **Dr. RAKESH KUMAR** **Member**  
Head, Department of Civil Engg  
GZSCCET, MRSPTU Bathinda  
(75891-96148) rkumar\_s@rediffmail.com
5. **Dr. NEERAJ GILL** **Member**  
Head, Deptt of Electronics & Comm Engg  
GZSCCET, MRSPTU Bathinda  
(94646-62132) neeraj.ece@mrsptu.ac.in
6. **Dr. Jyoti Rani** **Member**  
Head, Department of Computer Sc & Engg  
GZSCCET, MRSPTU Bathinda  
(94174-60026) hodcse@mrsptu.ac.in
7. **Dr. Savina Bansal** **Member**  
Department of Electronics & Comm. Engg  
GZSCCET, MRSPTU Bathinda  
(81466-00954) savina.bansal@gmail.com
8. **Dr. Rakesh Kumar Bansal** **Member**  
Department of Electronics & Comm. Engg GZSCCET,  
MRSPTU Bathinda  
(94630-00954) rkbansal@mrsptu.ac.in

- |  |                      |
|--|----------------------|
| <p><b>9. Dr. Sanjiv Kumar Aggarwal</b><br/>         Department of Civil Engg<br/>         GZSCCET, MRSPTU Bathinda<br/>         (94780-22281) sanjiv_aggarwal@rediffmail.com</p> | <p><b>Member</b></p> |
| <p><b>10. Dr. Sarbjeet Kaur Bath</b><br/>         Department of Electrical Engg<br/>         GZSCCET, MRSPTU Bathinda<br/>         (94638-36070) sjkbath77@gmail.com</p>         | <p><b>Member</b></p> |
| <p><b>11. Dr. Balwinder Singh Sidhu</b><br/>         Department of Mechanical Engg<br/>         GZSCCET, MRSPTU Bathinda<br/>         (87250-72415) drbwssidhu07@gmail.com</p>   | <p><b>Member</b></p> |
| <p><b>12. Dr Paramjeet Singh</b><br/>         Department of Computer Sc &amp; Engg<br/>         GZSCCET, MRSPTU Bathinda<br/>         (87250-72459) param2009@yahoo.com</p>      | <p><b>Member</b></p> |
| <p><b>13. Dr. Shaveta Rani</b><br/>         Department of Computer Sc &amp; Engg GZSCCET,<br/>         MRSPTU Bathinda<br/>         (98885-85202) garg_shavy@yahoo.com</p>       | <p><b>Member</b></p> |
| <p><b>14. Dr. Rakesh Kumar</b><br/>         Department of Civil Engg<br/>         GZSCCET, MRSPTU Bathinda<br/>         (75891-96148) rkumar_s@rediffmail.com</p>                | <p><b>Member</b></p> |
| <p><b>15. Dr. Bal Krishan</b><br/>         Department of Civil Engg<br/>         GZSCCET, MRSPTU Bathinda<br/>         (88723-20600) balkrishandr@yahoo.com</p>                  | <p><b>Member</b></p> |
| <p><b>16. Dr. Rajesh Gupta</b><br/>         Department of Mechanical Engg<br/>         GZSCCET, MRSPTU Bathinda,<br/>         (94631-35222) rg91@rediffmail.com</p>              | <p><b>Member</b></p> |
| <p><b>17. Dr. Devanand Uttam</b><br/>         Department of Textile Engg<br/>         GZSCCET, MRSPTU Bathinda<br/>         (94172-33925) d_a_uttam@yahoo.co.in</p>              | <p><b>Member</b></p> |
| <p><b>18. Prof. Naveen Singla</b><br/>         Department of Mechanical Engg<br/>         GZSCCET, MRSPTU Bathinda<br/>         (94632-59653) single.naveen2@gmail.com</p>       | <p><b>Member</b></p> |
| <p><b>19. Prof. Jasvir Singh Tiwana</b><br/>         Department of Mechanical Engg<br/>         GZSCCET, MRSPTU Bathinda<br/>         (94175-42454) jstiwana1@rediffmail.com</p> | <p><b>Member</b></p> |

20. **Prof. Vivek Kaundal** **Member**  
 Department of Mechanical Engg  
 GZSCCET, MRSPTU Bathinda  
 (94171-93018) vivkris@mrsptu.ac.in
21. **Dr. Rajiv Kumar Garg** **Member**  
 Professor (HAG), Deptt of Mech Engg  
 National Institute of Technology, Jalandhar  
 (94175-49528) rajivgarg1968@gmail.com
22. **Dr. Neeraj Kumar** **Member**  
 Professor, Deptt of Computer Sc & Engg  
 Thapar Inst of Engg & Tech, Patiala  
 (88725-40189) neeraj.kumar@thapar.edu
23. **Dr. Rakesh Kumar** **Member**  
 Professor, Deptt of Aerospace Engg  
 Punjab Engineering College, Chandigarh  
 (98782-15676) rakpec@gmail.com
24. **Dr. Ajay Bansal** **Member**  
 Professor, Deptt of Chemical Engg  
 National Institute of Technology, Jalandhar  
 (94172-23839) bansala@nitj.ac.in

At the outset, after verifying the quorum of the meeting, the Chairperson welcomed all the members attending 5<sup>th</sup> Meeting of Faculty of Engg. & Tech. at Bathinda in online mode. Thereafter he asked Member Secretary to take up agenda items one by one for discussion. After detailed deliberations, the following unanimous decisions were arrived at:

|                  |   |
|------------------|---|
| <b>ITEM 5.01</b> | <b>CONFIRMATION OF THE MINUTES OF 4<sup>TH</sup> MEETING OF FACULTY OF ENGG. &amp; TECH. OF MRSPTU BATHINDA HELD ON 27/8/2021. (ANNEXURE-I)</b> |
| <b>DECISION</b>  | ❖ Confirmed   |
| <b>ITEM 5.02</b> | <b>TO APPROVE THE MINUTES OF MEETINGS OF BOARD OF STUDIES OF VARIOUS ENGG. BRANCHES</b>   |
| 05.02.01         | Minutes of 8 <sup>th</sup> Meeting of BOS of <b>Aeronautical and Aerospace</b> Engineering held on 26/04/2022                                   |
| 05.02.02         | Minutes of Meeting of BOS in <b>Computer Science and Engg.</b> held on 18/05/2022   |
| 05.02.03         | Minutes of 13 <sup>th</sup> Meeting of BOS in <b>Electrical Engg.</b> held on 12/05/2022  |
| 05.02.04         | Minutes of Meeting of BOS in <b>Mechanical Engg.</b> held on 26/04/2022   |
| <b>DECISION</b>  | ❖ All above items are Approved  |
| <b>ITEM 5.03</b> | <b>APPROVAL OF SYLLABI OF UG-ENGG. PROGRAMMES</b>   |
| 05.03.01         | Scheme and Syllabus of <b>B. Tech. (Civil Engg. with Computer Applications)</b> 1 <sup>st</sup> - 2 <sup>nd</sup>                               |

|                   |  |
|-------------------|--|
|                   | Sem. for Batches 2022 onwards  |
| 05.03.02          | Scheme and Syllabus of <b>B. Tech. (Artificial Intelligence and Machine Learning Engg.)</b> 1 <sup>st</sup> - 2 <sup>nd</sup> Sem. for Batches 2022 onwards  |
| 05.03.03          | Scheme and Syllabus of <b>B. Tech. (Computer and Communication Engg.)</b> 1 <sup>st</sup> - 2 <sup>nd</sup> Sem. for Batches 2022 onwards  |
| 05.03.04          | Course Objectives and Course Outcomes - Scheme and Syllabus of <b>B. Tech. (Electronics &amp; Communication Engg.)</b> Sem 3 – Sem 8 for batches 2018 onwards  |
| <b>DECISION</b>   | <ul style="list-style-type: none"> <li>❖ Approved</li> <li>❖ Item Nos. 05.03.01, 05.03.02, 05.03.03 are new courses.</li> <li>❖ Scheme &amp; Syllabus of Item No. 05.04.04 is already existing, but its Course Objectives and Course Outcomes have been restructured according to Bloom's taxonomy.</li> </ul>   |
| <b>ITEM 05.04</b> | <b>APPROVAL OF SYLLABI OF PG-ENGG. PROGRAMMES</b>  |
| 05.04.01          | Scheme of <b>M. Tech. (CTM) (Part-Time)</b> for Batches 2022 onwards   |
| 05.04.02          | Scheme of <b>M. Tech. (Structural &amp; Foundation Engg.) (Part-Time)</b> for Batches 2022 onwards   |
| 05.04.03          | Scheme of <b>M. Tech. (Environmental Science and Engineering) (Part-Time)</b> for Batches 2022 onwards   |
| 05.04.04          | Scheme of <b>M. Tech. (Computer and Communication Engg.) (Full Time)</b> 1 <sup>st</sup> - 2 <sup>nd</sup> Sem. for Batches 2022 onwards   |
| 05.04.05          | Scheme of <b>M. Tech. (Computer and Communication Engg.) (Part- Time)</b> 1 <sup>st</sup> - 2 <sup>nd</sup> Sem. for Batches 2022 onwards  |
| 05.04.06          | Scheme and Syllabus of <b>M. Tech. (Computer Science and Engg.) (Part-Time)</b> 1 <sup>st</sup> – 6 <sup>th</sup> semesters for Batches 2022 onwards   |
| 05.04.07          | Scheme and Syllabus (already existing) of <b>M. Tech. Electrical Engg. (Power System) (Part-Time)</b> 1 <sup>st</sup> – 6 <sup>th</sup> semesters for Batches 2022 onwards   |
| 05.04.08          | Scheme and Syllabus (already existing) of <b>M. Tech. Electrical Engg. (Part-Time)</b> for 1 <sup>st</sup> – 6 <sup>th</sup> semesters for Batches 2022 onwards  |
| 05.04.09          | Scheme of <b>M. Tech. (Mechanical Engg.) (Part-Time)</b> 1 <sup>st</sup> -6 <sup>th</sup> sem for Batches 2022 onwards   |
| 05.04.10          | Scheme and Syllabus of <b>M. Tech. Textile Engg. (Part-Time)</b> for 1 <sup>st</sup> – 6 <sup>th</sup> semesters for Batches 2022 onwards  |
| <b>DECISION</b>   | <ul style="list-style-type: none"> <li>❖ For all the above agenda items (05.04.01- 05.04.10) for M.Tech courses, the number of contact hours and credits for various subjects (Theory, Lab, Project, Dissertation etc.) need to be decided on a common platform in a meeting of all the HoDs (Chairpersons of BoS) of various Engg. branches in the presence of Associate Dean Academic Affairs and the decision should be notified by the office of Dean Academic Affairs and be intimated to the Faculty of Engg. &amp; Tech. of MRSPTU Bathinda.</li> </ul> |
| <b>ITEM 05.05</b> | <b>APPROVAL OF SKILL CERTIFICATE COURSES</b>   |
| 05.05.01          | Scheme and syllabus of One Year (1 <sup>st</sup> & 2 <sup>nd</sup> sem) Skill certificate Course in ' <b>Additive Manufacturing</b> ' proposed by the department of Mechanical Engg. (11-pages)  |

|                   |   |
|-------------------|---|
| 05.05.02          | Scheme and syllabus (Already existing on uni. website) of One Year (1 <sup>st</sup> & 2 <sup>nd</sup> sem) certificate Course in ' <b>Electrician</b> ' proposed by the department of Electrical Engg. (35-pages)   |
| 05.05.03          | 6 month Skill Certificate Course in <b>NASTRAN</b> proposed by PSAEC Patiala  |
| 05.05.04          | 6 month Skill Certificate Course in <b>SOLID WORKS</b> proposed by PSAEC Patiala  |
| 05.05.05          | 6 month Skill Certificate Course in <b>CATIA</b> proposed by PSAEC Patiala  |
| 05.05.06          | 6 month Skill Certificate Course in <b>ANSYS</b> proposed by PSAEC Patiala  |
| 05.05.07          | 6 month Skill Certificate Course in <b>Air Ticketing Management</b> proposed by PSAEC Patiala   |
| <b>DECISION</b>   | <ul style="list-style-type: none"> <li>❖ The universities are higher educational institutes (HEI). All the members including the dean were of the view that it needs to be deliberated that whether a HEI is competent to award skill certificates? Or otherwise who can award a skill certificate? Whether the skill courses awarded by a university be recognisable by any Govt. authority for job purposes etc. All these points need to be deliberated and be notified by the competent authorities. Only then these skill courses should be offered by the university.</li> <li>❖ Also Dean Faculty of Engg. &amp; Tech. as Chairman of the meeting has suggested that <u>"The Council for Vocational Education &amp; Skill Development (CVESD) is a statutory organisation set up to make India more competitive through the development of its vocational skills. It is mandated to plan, coordinate and establish standards and qualifications for the discipline of CVESD."</u></li> </ul> |
| <b>ITEM 05.06</b> | <b>ANY OTHER AGENDA ITEM/ITEMS WITH THE PERMISSION OF THE CHAIR.</b>  |
| <b>DECISION</b>   | ❖ No other agenda item  |

The Meeting concluded with a vote of thanks to the Chair.

**For Approval please  
CHAIRPERSON  
(Dr Sundar Singh)**

**Member Secretary  
(Dr Sarbjeet Kaur Bath)**