



**Sant Longowal Institute of Engg. & Technology**  
**(Deemed to be University u/s 3 of the UGC Act, 1956)**  
**(Centrally Funded Technical Institution)**  
**(Established by : MHRD, Govt. of India)**  
**LONGOWAL – 148 106 (SANGRUR, PUNJAB)**

Ref. No. SLIET/Dean (A) / 2019 / 599

04 June, 2019

To

All Members of the Senate,  
SLIET, Longowal.

**Subject : Minutes of the 24<sup>th</sup> meeting of the Senate of SLIET, Longowal – regarding –**

Sir/Madam,

Kindly refer to the subject cited above.

Enclosed please find herewith a copy of the minutes of the 24<sup>th</sup> meeting of the Senate of Sant Longowal Institute of Engineering and Technology (SLIET), Longowal, held on 31.05.2019, at 11.30 AM, in the Senate Hall, administrative block of the Institute.

The minutes have been approved by the Chairman, Senate (Director, SLIET).

It is requested to send your comments, if any, within fifteen days from the date of issuance of this letter.

Regards,

Yours sincerely,

(Dr. Harish Kumar Chopra)  
Registrar (Oftg) – cum –  
Member Secretary, Senate.

**Encl : As above.**

**MINUTES OF THE 24<sup>th</sup> MEETING OF THE SENATE**  
**held at 11.30 A. M. on 31.05.2019**



**Venue : Senate Hall, Second Floor,  
Admn Block, SLIET Campus,  
Longowal (Sangrur) Punjab**

**Date : 31.05.2019**

**Time : 11.30 A.M.**

**SANT LONGOWAL INSTITUTE OF ENGG. & TECHNOLOGY**  
**(Deemed to be University)**  
**(CFTI under MHRD, Govt. of India)**  
**LONGOWAL -148 106 (Distt. Sangrur), Punjab, India**

**MINUTES OF THE 24<sup>TH</sup> MEETING OF THE SENATE OF SLIET,  
HELD AT 11.30 A. M. ON 31.05.2019 IN THE SENATE HALL,  
2<sup>ND</sup> FLOOR, ADMINISTRATIVE BLOCK**

A list of members who attended and who could not attend the 24th meeting of the Senate held on 31.05.2019, is placed at **Appendix-1**.

At the outset, Chairman, Senate, thanked the outgoing senate members and appreciated their contribution to the Institute academic growth. He also welcomed the new external members on the Senate and briefed about the academic structure of the Institute.

Before start of the proceedings, Dean (Academics) presented his report during the period from January, 2019 to May, 2019, regarding academic activities and achievements of the Institute at various forums. The report is taken on record and shall constitute an **Appendix-2** to the MOM. He also welcomed the new Associate Deans.

Thereafter, the agenda items were taken for discussion. The following decisions are taken :-

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| <b>Item<br/>24.1</b> | <b>TO CONFIRM THE MINUTES OF THE 23<sup>RD</sup> MEETING OF THE SENATE, HELD ON 15.01.2019</b>  |
|                      | The minutes of the 23 <sup>rd</sup> meeting of the Senate of Sant Longowal Institute of Engineering and Technology (SLIET), Longowal, held on 15.01.2019, were circulated to all the members of the Senate. A copy of the MOM is placed at <b><u>Annexure - "A" (page 1 to 16)</u></b> . Since no comments have been received from any of the members on the Senate, it is requested that the minutes of the 23 <sup>rd</sup> meeting of the Senate, SLIET, held on 15.01.2019, may please be confirmed.  |
|                      | <b><u>Decision</u></b><br>The minutes of the 23 <sup>rd</sup> meeting of the Senate held on 15.01.2019, were confirmed.   |
| <b>Item<br/>24.2</b> | <b>TO NOTE ACTION TAKEN REPORT ON THE MINUTES OF THE 23<sup>RD</sup> MEETING OF THE SENATE HELD ON 15.01.2019</b>   |
|                      | As per decisions taken on the agenda items placed before the Senate in its 23 <sup>rd</sup> meeting held on 15.01.2019, various office orders, notices, circulars, letters etc. have been issued within the Institute, for information and further necessary action by the HODs and Sections Incharge, wherever needed.   |
|                      | <b><u>Item No. 23.2 (22.16) – Starting of Gold Medal at Post Graduate level in the Institute, named as “Prof (Dr) Jiwan S. Sidhu Gold Medal”</u></b>  |
|                      | The Senate noted the report of the committee. Accordingly, HOD (FET) was requested vide letter No. SLIET/Dean(A)/2019/2854-58 dated 12.03.2019, to initiate further necessary action in the matter. He has, however, referred back the matter to the office of Dean (Academics) vide letter No. FET/2932 dated 20.03.2019, that while going through the agenda as well as MOM of 22 <sup>nd</sup> and 23 <sup>rd</sup> meetings of the Senate, it has been observed that approval for the same by the Senate seems to be still needs to be confirmed. |
|                      | The matter is placed before the Senate for approval, please.  |
|                      | <b><u>Item No. 23.9.1 – Approval to initiate B. Tech (Civil Engineering) at SLIET</u></b>   |
|                      | Vide letter No. SLIET/Dean (A) / 2019 / 2416 dated 31.01.2019, the decision taken by the Senate vide Item No. 23.9.1 in its 23 <sup>rd</sup> meeting held on 15.01.2019, was conveyed to HOD (Civil Engg). He was requested to explore the possibility of existing infrastructure and   |

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|                  | <p>revise the budget estimates and other requirements accordingly. He has submitted the revised proposal vide letter dated 11.03.2019, which was forwarded to Director (Chairman, Senate). A copy of the same is placed at <b><u>Annexure-“B” (page 17 to 18)</u></b> for consideration and decision by the Senate, please.</p>   |
|                  | <p><b><u>Decision</u></b></p> <p>The ATR on the MOM of the 23<sup>rd</sup> meeting of the Senate, held on 15.01.2019, were noted by the members.</p> <p><b><u>Item No. 23.2 (22.16) - Starting of Gold Medal at Post Graduate level in the Institute, named as “Prof (Dr) Jiwan S. Sidhu Gold Medal”</u></b></p> <p>The Senate approved the proposal and it is decided that HOD (FET) shall take further necessary action. HOD (FET) shall further formulate a policy for sponsoring of such medals. The Senate shall be apprised of the status in its next meeting.</p> <p><b><u>Item No. 23.9.1 - Approval to initiate B. Tech (Civil Engineering) at SLIET</u></b></p> <p>Dr. Sanjeev Garg, HOD (Civil Engg) along with Dr. R. K. Saxena, Prof (ME) &amp; Associate Dean (Acad Planning) shall initiate further necessary action to put up a comprehensive proposal for starting BE (Civil Engg). They shall engage external experts (if required) with approval of the competent authority.</p> |
| <b>Item 24.3</b> | <p><b>TO TAKE NOTE OF THE CERTIFICATE AWARD CEREMONY AND 21<sup>ST</sup> ANNUAL CONVOCATION OF THE INSTITUTE HELD ON 06.03.2019 AND 09.03.2019, RESPECTIVELY</b></p>  |
|                  | <p>The Certificate Award Ceremony of the Institute was held on 06.03.2019 and the passed out students of 2016 batch were award certificates and other awards. The Director, NITTR, Chandigarh, Prof Shyam Sundar Pattnaik, was the Chief Guest of the Function.</p> <p>Further, the 21<sup>st</sup> Annual Convocation of the Institute was held on 09.03.2019. The passed out students of UG, PG and Ph. D. programs were awarded degrees, awards and medals. Hon'ble Governor, Shri V. P. Singh Badnore was the Chief Guest and Shri Jagdish Rai Singal, Chairman, BOM, SLIET, graced the occasion as the Guest of Honor.</p> <p>The matter is placed before the Senate for information please.</p>   |
|                  | <p><b><u>Decision</u></b></p> <p><i>Noted</i></p>   |
| <b>Item 24.4</b> | <p><b>TO CONSIDER CHARGING OF FEE FOR CORRECTION OF NAMES ON DETAILED MARKS CARDS / CERTIFICATES</b></p>  |
|                  | <p>The following two proposals were placed before the Senate vide Item No. 14.6 in its 14<sup>th</sup> meeting held on 19.03.2015 :-</p> <ol style="list-style-type: none"> <li>A fee of Rs.500/- per DMC, Rs.1,000/- for original certificate / diploma / degree and Rs.500/- each may be charged for provisional certificate, character certificate and any other certificate issued thereof. The fee will be applicable only in case, the student has given wrong information or changed his / her name afterwards.</li> <li>In case, the student gets his / her name changed after being enrolled in the Institute / passed out from the Institute the student will be required to complete all the formalities and submit necessary documentary proof in this respect, as per norms of Govt. of India along with the fee proposed above.</li> </ol> <p>The decision of the Senate for the said item is re-produced as under :-</p>   |



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|                  | <p><i>"The Senate approved the recommendations made at (a) above with a condition that fee will be charged if the student ask for correction in the DMC/certificate after one year from the date of issuance".</i></p> <p>Some passed out students have submitted their individual requests related to point (b) above, but the academic section is not in a position to process their cases for want of decision regarding point (b).</p> <p>In view of the foregoing, the matter is placed before the Senate, for deliberations and decision, please.</p>  |
|                  | <p><b><u>Decision</u></b></p> <p>A detailed discussion took place. However, the Senate decided that the Institute shall not entertain any request for change in his / her name after completion of the program. Names of the students and their parents are to be considered as per the 10<sup>th</sup> level certificate issued by the respective Boards, submitted at the time of his/her admission in the Institute.</p>  |
| <b>Item 24.5</b> | <b>TO FINALIZE THE 2018 STUDY SCHEME FOR UG PROGRAMS</b>   |
|                  | <p>A committee under the convenership of Dr. A. S. Arora, Dean (Academics) was constituted to give its report / recommendation regarding revision of scheme / syllabus of 2018 for the UG programs running in the Institute. The report of the Committee dated 16.05.2019, is placed at <b><u>Annexure-"C" (page 19 to 20)</u></b> for consideration and approval by the Senate, please.</p>   |
|                  | <p><b><u>Decision</u></b></p> <p>Item approved, except the "Minor Degree Program" . The concept of minor degree shall be reviewed.</p> <p>Further, it was resolved that HODs shall place the scheme along with subjects offered and the syllabus in the next meeting of the Senate.</p>  |
| <b>Item 24.6</b> | <b>TO RATIFY APPROVALS ACCORDED BY DIRECTOR (CHAIRMAN, SENATE)</b>   |
|                  | <p><b>1. PROVISIONAL REGISTRATION OF A STUDENT, RAHUL KUMAR, DFT-CFP/1712536 ON EXTRAORDINARY GROUNDS</b></p> <p><b>2. DESIGNING OF A COMMON COURSE BY THE PHYSICS DEPARTMENT FOR ALL THE ENGINEERING BRANCHES OF UG PROGRAMS</b></p> <p>The Chairman, Senate (Director, SLIET) has approved the following two cases :-</p> <ol style="list-style-type: none"> <li>1. Late registration case of a student, namely, Rahul Kumar, DFT-CFP/1712536, due to death of his mother.<br/>A notice in this regard was issued by the academic section vide No. SLIET/AS/2369 dated 11.03.2019.</li> <li>2. Designing of a common course by the Physics department (Physics-1, BSPH-401, LTPC/3104) for all the engineering branches of UG programs.<br/>A letter bearing Ref. No. SLIET/Dean (A) / 2019 / 2475-2479 dated 05.02.2019 has already been written to HODs of Engineering streams and HOD (Physics) for necessary action, as required by them. In response, HOD (Physics) has conveyed vide letter No. SLIET/Phy/42 dated 19.04.2019, that they have already taken necessary action in this regard.</li> </ol> <p>The matter is before the Senate for ratification, please.</p> |

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|                   | <p><u>Decision</u></p> <p>1. Ratified</p> <p>2. Ratified</p>   |
| <b>Item 24.7</b>  | <p><b>TO RATIFY / CONFIRM THE MINUTES OF THE MEETING OF THE CENTRAL RESEARCH COMMITTEE OF SLIET, HELD ON 03.05.2019</b></p> <p>The meeting of the Central Research Committee of the Institute was held on 03.05.2019. The MOM are placed at <u>Annexure-"D" (page 21 to 28)</u> for ratification / confirmation by the Senate, please.</p>   |
|                   | <p><u>Decision</u></p> <p>MOM of the CRC meeting held on 03.05.2019 were ratified / confirmed by the Senate. Further, it has been clarified that leave conditions specified under Item No. 6 of the CRC meeting dated 03.05.2019, are to be made applicable from the date of approval by the Senate.</p>   |
| <b>Item 24.8</b>  | <p><b>TO RATIFY / CONFIRM THE MINUTES OF THE 6<sup>TH</sup> MEETING OF THE IQAC OF THE INSTITUTE HELD ON 24.04.2019</b></p> <p>The 6<sup>th</sup> meeting of the IQAC of the Institute was held on 24.04.2019. The MOM are laced at <u>Annexure-"E" (page 29 to 31)</u> for ratification / confirmation by the Senate, please.</p>   |
|                   | <p><u>Decision</u></p> <p>MOM of the 6<sup>th</sup> meeting of the IQAC held on 24.04.2019 were ratified/confirmed by the Senate.</p>  |
| <b>Item 24.9</b>  | <p><b>TO EXTEND UG RULES &amp; REGULATIONS, 2016 TO DEGREE 2013 AND 2014 BATCH STUDENTS (THREE YEAR DEGREE PROGRAM) TO CLEAR THEIR BACKLOG COURSES</b></p> <p>Some students of Degree-2013 batch (three year program) have submitted their applications that to clear their backlog courses / subjects, they may be given one special chance.</p> <p>In this regard, it is brought out that the maximum duration of degree three year program is five years. It is pertinent to mention here that, UG Rules &amp; Regulations, 2016, were extended to Degree 2012 batch students by the Senate, vide Item No. 20.6 in its 20<sup>th</sup> meeting held on 15.01.2018. It is proposed that the same rules (in terms of maximum duration) may be extended to UG-2013 &amp; 2014 (three year degree program) students, as the three year degree program has since been phased out.</p> <p>The matter is submitted before the Senate for consideration and approval, please.</p> |
|                   | <p><u>Decision</u></p> <p>It was resolved that decision shall be taken on case to case basis.</p>  |
| <b>Item 24.10</b> | <p><b>TO CONSIDER REQUEST OF MR. RESHAM SINGH, A STUDENT OF DEGREE-2014 BATCH, FOR PERMISSION TO REGISTER IN SIXTH SEMESTER IN AUGUST, 2019</b></p> <p>A student of Degree-2014 batch, Mr. Resham Singh (GWT/101108) vide his application dated 28.03.2019, has submitted that he was granted permission by the Institute to drop his sixth semester starting from January, 2017, on the grounds that he had joined the Punjab Police on 22.11.2016. Vide letter dated 03.01.2018, he was granted permission by the academic section to register in the sixth semester starting from January, 2018. However, he could not complete the required formalities, due to certain reasons beyond his control.</p>  |

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|                          | <p>His case was referred to HOD (Mech Engg) for specific recommendation. The DAAC of Mech Engg department held its meeting on 29.03.2019, and has recommended that under special circumstances and keeping in view the career of Mr. Resham Singh, he may be granted extension of one year and allowed to register in 6<sup>th</sup> semester in August, 2019, under self-study mode, as three-year degree program has been phased out. The student has submitted that he can take leave from his employer for four months from August, 2019 to November, 2019.</p> <p>The matter is placed before the Senate for consideration and decision, please.</p>  |
|                          | <p><u>Decision</u></p> <p><i>Allowed with a condition to complete all the academic modalities.</i></p>   |
| <p><b>Item 24.11</b></p> | <p><b>TO CONSIDER RELAXATION IN MANDATORY ATTENDANCE REQUIREMENT BY THE STUDENTS OF VARIOUS PROGRAMS</b></p>   |
|                          | <p>The existing rules of attendance are re-produced as under :-</p> <p>“The students are expected to be present in every lecture/tutorial/laboratory/workshop/drawing class. The students must have a minimum attendance of 75% of the total number of scheduled classes in a particular course, in order to be eligible to appear in the End Term Examination. The student should meet this attendance requirement irrespective of number of days he/she is on medical leave, on leave while participation in activities like sports, cultural, NCC, NSS or any other genuine ground whatsoever. The mass bunk shall be treated as absent in a particular class on a particular day and shall be counted towards the delivered lecture/tutorial/laboratory/workshop/drawing class.</p> <p>Further, in exceptional cases, Chairman, Senate (Director, SLIET) may give additional relaxation (upto 10% of the total scheduled classes) on the specific recommendation of the respective HOD and Dean (Academics)”.</p> <p>During the current semester end term examinations, some students requested for attendance relaxation in the range of 12% to 13%. The matter was put up to the competent authority and approved as under :-</p> <p>“In such cases, where proper recommendation from the department has been received for relaxation of attendance, students may be allowed to appear provisionally in the examination. Their answer sheets may be kept in a separate envelop and cases will be put up to the Senate for decision. Further course of action will be taken on the basis of decision by the Senate. All such candidates will submit an undertaking that their appearance in the examination is provisional and they will abide by the Senate decision”.</p> <p>A notice in this regard stands already issued by the Academic Section vide Ref. No. SLIET/AS/2985 dated 13.05.2019, addressed to all HODs.</p> <p>In view of the foregoing, the matter is placed before the Senate for consideration and decision, please.</p> |
|                          | <p><u>Decision</u></p> <p><i>It was decided that only final year degree students, who have appeared in the examination, mentioned in the agenda, be allowed relaxation in the attendance, keeping in view the circumstances of the case. However, all other pre-final degree students mentioned above, shall be offered a special chance to complete the course requirement in the coming semester.</i></p>  |

|                   | <i>Further, all concerned shall display attendance alert as per the academic calendar, with a view of wider publicity. Further corrective measures for minimizing the cases of attendance shortage of students shall be taken by all concerned.</i>   |                                  |  |   |                              |             |    |              |                                 |    |   |    |              |                                |    |         |  |                                |                              |             |    |                      |                                  |     |   |
|-------------------|---|----------------------------------|--|---|------------------------------|-------------|----|--------------|---------------------------------|----|---|----|--------------|--------------------------------|----|---------|--|--------------------------------|------------------------------|-------------|----|----------------------|----------------------------------|-----|---|
| <b>Item 24.12</b> | <b>TO CONSIDER INCREASE IN NUMBER OF PH. D. SEATS IN THE DEPARTMENT OF MECHANICAL ENGINEERING OF THE INSTITUTE</b>  |                                  |  |   |                              |             |    |              |                                 |    |   |    |              |                                |    |         |  |                                |                              |             |    |                      |                                  |     |   |
|                   | <p>Head, Department of Mechanical Engineering, has requested Director, SLIET, to increase number of Ph. D. seats with Institute Fellowship from 15 to 30, based on strength of students in other academic programs offered by the department, and the strength of faculty eligible for Ph. D. supervision.</p> <p>Dean (R&amp;C) has submitted a proposal dated 14.05.2019, related to the subject, along with all the relevant documents. The same is placed at <b><u>Annexure-“F” (page 32 to 41)</u></b>.</p> <p>The matter is placed before the Senate, for consideration, please.</p>  |                                  |  |   |                              |             |    |              |                                 |    |   |    |              |                                |    |         |  |                                |                              |             |    |                      |                                  |     |   |
|                   | <p><b><u>Decision</u></b></p> <p><i>The Chairman, Senate shall constitute a committee to rationalize Ph. D. seats in all the teaching departments of the Institute.</i></p> <p><i>Further, the Senate desired that efforts shall be made to enroll more Ph. D. candidates funded by external agency (s).</i></p>  |                                  |  |   |                              |             |    |              |                                 |    |   |    |              |                                |    |         |  |                                |                              |             |    |                      |                                  |     |   |
| <b>Item 24.13</b> | <b>TO APPROVE THE ACADEMIC CALENDARS FOR THE YEAR 2019-20</b>   |                                  |  |   |                              |             |    |              |                                 |    |   |    |              |                                |    |         |  |                                |                              |             |    |                      |                                  |     |   |
|                   | <p>The Academic Calendars for the session 2019-20, separately for ICD and UG/PG students have been prepared. The same were discussed in a meeting dated 22.05.2019 with all Deans and HODs. Copies of the same are placed at <b><u>Annexure-“G” (page 42 to 43)</u></b> and <b><u>Annexure-“H” (44 to 45)</u></b>. Keeping in view the changes proposed in the Academic Calendar of UG/PG programs, the following change in the evaluation scheme for internal examination shall be incorporated :-</p> <p><b><u>Existing evaluation scheme for internal examination</u></b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Components for Continuous Assessment Marks</th> <th>Syllabus coverage for the test</th> <th>Duration of the test in Hrs.</th> <th>Marks (Max)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Minor Test-1</td> <td>First 30 to 40% of the syllabus</td> <td>01</td> <td rowspan="2">30 (equal weightage for all the two tests, i.e. 15 marks to each internal test)</td> </tr> <tr> <td>2.</td> <td>Minor Test-2</td> <td>Next 30 to 40% of the syllabus</td> <td>01</td> </tr> </tbody> </table> <p><b><u>Proposed changes in evaluation scheme for internal examination</u></b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Components for Continuous Assessment Marks</th> <th>Syllabus coverage for the test</th> <th>Duration of the test in Hrs.</th> <th>Marks (Max)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Mid Term Examination</td> <td>First 50% to 60% of the syllabus</td> <td>1.5</td> <td>30 {(equal weightage for all the two tests, i.e. 15 marks to each internal test)}</td> </tr> </tbody> </table> | Sr. No.                          | Components for Continuous Assessment Marks | Syllabus coverage for the test  | Duration of the test in Hrs. | Marks (Max) | 1. | Minor Test-1 | First 30 to 40% of the syllabus | 01 | 30 (equal weightage for all the two tests, i.e. 15 marks to each internal test) | 2. | Minor Test-2 | Next 30 to 40% of the syllabus | 01 | Sr. No. | Components for Continuous Assessment Marks | Syllabus coverage for the test | Duration of the test in Hrs. | Marks (Max) | 1. | Mid Term Examination | First 50% to 60% of the syllabus | 1.5 | 30 {(equal weightage for all the two tests, i.e. 15 marks to each internal test)} |
| Sr. No.           | Components for Continuous Assessment Marks  | Syllabus coverage for the test   | Duration of the test in Hrs.               | Marks (Max)   |                              |             |    |              |                                 |    |   |    |              |                                |    |         |  |                                |                              |             |    |                      |                                  |     |   |
| 1.                | Minor Test-1  | First 30 to 40% of the syllabus  | 01   | 30 (equal weightage for all the two tests, i.e. 15 marks to each internal test)   |                              |             |    |              |                                 |    |   |    |              |                                |    |         |  |                                |                              |             |    |                      |                                  |     |   |
| 2.                | Minor Test-2  | Next 30 to 40% of the syllabus   | 01   |   |                              |             |    |              |                                 |    |   |    |              |                                |    |         |  |                                |                              |             |    |                      |                                  |     |   |
| Sr. No.           | Components for Continuous Assessment Marks  | Syllabus coverage for the test   | Duration of the test in Hrs.               | Marks (Max)   |                              |             |    |              |                                 |    |   |    |              |                                |    |         |  |                                |                              |             |    |                      |                                  |     |   |
| 1.                | Mid Term Examination  | First 50% to 60% of the syllabus | 1.5  | 30 {(equal weightage for all the two tests, i.e. 15 marks to each internal test)} |                              |             |    |              |                                 |    |   |    |              |                                |    |         |  |                                |                              |             |    |                      |                                  |     |   |




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|                   | <p>The other components for continuous assessment marks such as "Quiz" and "Assignment" shall remain unchanged.</p> <p>Both the academic calendars and above proposal are placed before the Senate for approval, please.</p>   |
|                   | <p><b><u>Decision</u></b></p> <p><i>The Academic Calendars of ICD and UG/PG were approved for the academic year 2019-20, in principle.</i></p> <p><i>Modification in continuation evaluation for UG/PG shall be discussed further.</i></p>   |
| <b>Item 24.14</b> | <p><b>TO CONSIDER RELAXATION IN CONDITION OF SSCI/SCI/SCOPUS PAPERS FOR SUPERVISORS OF MANAGEMENT &amp; HUMANITIES DEPARTMENT</b></p> <p>A request from the faculty of M&amp;H Department regarding <b>relaxation to supervisors from the condition of two papers in SSCI/SCI/SCOPUS etc. journals imposed for guiding as Supervisors</b> to Ph. D candidates in Management &amp; Humanities Department, has been received. <b>Earlier, a one-time relaxation for six months was given and the department has requested for the same again.</b> It is also mentioned in request that conditions on students to publish papers as per Institute Rules shall remain the same.</p> <p><b>Clause No. 4.1 (i) for Supervisors as per new Ph. D. Rules and Regulations-2018 applicable from Odd-2018 admissions is re-produced below :</b></p> <p><b>4. SUPERVISOR/CO-SUPERVISOR</b></p> <p><b>4.1 Allocation of Research Supervisor:</b></p> <p><b>Eligibility criteria to be a Research Supervisor, Co- Supervisor, Number of Ph.D. scholars permissible per Supervisor, etc.</b></p> <p>(i) Any regular Professor of the Institution with at least five research publications in refereed journals (out of which, two must be SCI/SCIE/SSCI/AHCI/SCOPUS journals/any journal included in NIRF ranking) and any regular Associate/Assistant Professor of the institution with a Ph.D. degree and at least two research publications (out of which, one must be SCI/SCIE/SSCI/AHCI/SCOPUS journals/any journal included in NIRF ranking) in refereed journals may be recognized as Research Supervisor. DRC shall ensure fulfillment of this condition.</p> <p>The matter was put up to Director with comments of Dean (R&amp;C) also, along with all supporting papers, for consideration and decision. However, he has proposed that the matter be put up in the Senate.</p> <p>The Senate is requested to decide further course of action, please.</p> |
|                   | <p><b><u>Decision</u></b></p> <p><i>The Senate agreed to relax the condition of publications in Ph. D. Rules &amp; Regulations, 2018, for the supervisors of M&amp;H department for allotment of one candidate each. It was further desired that HOD (M&amp;H) shall explore the suitable indexing criterion for the publications by the faculty of the department.</i></p>  |



The external members on the Senate observed as under :-

1. "Students feedback" and its analysis: Institute may plan to develop software for the same, as used in IIT Roorkee. All HoDs are advised to collect student's feedback in every semester before end term exam. Suitable provision be made in academic calendar in this regard.
2. Financial support to young faculty for promotion of research, up to 5 Lacs (against 1 Lac offered under TEQIP).
3. All the departmental BoS shall include content related with competitive exams such as GATE/IES etc. in the syllabus. Faculty must cover the content related with competitive exams, so that students should not require any external assistance.

The meeting ended with a vote of thanks to the chair.

  
Director-cum-  
Chairman, Senate.





**ATTENDANCE SHEET FOR THE 24<sup>th</sup> MEETING OF THE SENATE HELD AT  
11.30 A.M. ON 31.05.2019 IN THE SENATE HALL OF THE INSTITUTE**

The following members attended the meeting :-

| Sr. No. | Name and Address   | Senate Designation |
|---------|--|--------------------|
| 1.      | Dr. Shailendra Kumar Jain,<br>Director, SLIET  | Chairman           |
| 2.      | Dr. Pramod Agarwal,<br>Professor, Department of Electrical Engg<br>Indian Institute of Technology, Roorkee             | External Member    |
| 3.      | Dr. J. S. Sahambi,<br>Professor, Department of Electrical Engg<br>Indian Institute of Technology, Ropar                | External Member    |
| 4.      | Dr. Bhupendar Singh Khatkar,<br>Professor, Department of Food Technology,<br>Guru Jambheshwar Univ of Sc & Tech, Hisar | External Member    |
| 5.      | Dr. Savita Gupta,<br>Professor & Director,<br>Deptt of Computer Sc & Engg, PU, Chandigarh                              | External Member    |
| 6.      | Dr. A. S. Arora, Prof & Dean (Academics)<br>Department of EIE, SLIET   | Internal Member    |
| 7.      | Dr. Sanjay Marwaha, Prof & HOD<br>Department of EIE, SLIET   | Internal Member    |
| 8.      | Dr. J. S. Dhillon, Prof & Dean (FSW)<br>Department of EIE, SLIET   | Internal Member    |
| 9.      | Dr. A. P. Singh, Prof<br>Department of ECE, SLIET  | Internal Member    |
| 10.     | Dr. J. S. Ubhi, Prof<br>Department of ECE, SLIET   | Internal Member    |
| 11.     | Dr. Surinder Singh, Prof<br>Department of ECE, SLIET   | Internal Member    |
| 12.     | Dr. Manoj Sachan, AsP & HOD<br>Department of CSE, SLIET  | Internal Member    |
| 13.     | Dr. M. B. Bera, Professor<br>Department of FET, SLIET  | Internal Member    |
| 14.     | Dr. D.C.Saxena, Prof & Dean (SW)<br>Department of FET, SLIET   | Internal Member    |
| 15.     | Dr. P.S.Panesar, Prof & HOD<br>Department of FET, SLIET  | Internal Member    |
| 16.     | Dr. P. Kumar, Professor,<br>Department of FET, SLIET   | Internal Member    |
| 17.     | Dr. C. S. Riar, Professor<br>Department of FET, SLIET  | Internal Member    |
| 18.     | Dr. Sukhcharan Singh, Professor<br>Department of FET, SLIET  | Internal Member    |
| 19.     | Dr. S.M. Ahuja, Professor<br>Department of CHE, SLIET  | Internal Member    |
| 20.     | Dr. Kamlesh Kumari, Professor<br>Department of CHE, SLIET  | Internal Member    |
| 21.     | Dr. H. R. Ghatak, Professor<br>Department of CHE, SLIET  | Internal Member    |
| 22.     | Dr. Avinash Thakur, AsP & HOD,<br>Department of ChE, SLIET   | Internal Member    |
| 23.     | Dr. B.K.Kanungo, Professor<br>Department of Chemistry, SLIET   | Internal Member    |

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|     |  |                                  |
|-----|--|----------------------------------|
| 24. | Dr. Dhiraj Sud, Prof<br>Department of Chemistry, SLIET   | Internal Member                  |
| 25. | Dr. Ram Pal Choudhary, Prof<br>Department of Chemistry, SLIET  | Internal Member                  |
| 26. | Dr. Mandeep Singh, Prof<br>Department of Mathematics, SLIET  | Internal Member                  |
| 27. | Dr. Vinod Mishra, Prof<br>Department of Mathematics, SLIET   | Internal Member                  |
| 28. | Dr. Sushma Gupta, Prof & HOD<br>Department of Mathematics, SLIET                                     | Internal Member                  |
| 29. | Dr. V.K. Kukreja, Prof<br>Department of Mathematics, SLIET   | Internal Member                  |
| 30. | Dr. A. S. Dhaliwal, Prof<br>Department of Physics, SLIET   | Internal Member                  |
| 31. | Dr. V. Sahni, Prof<br>Department of ME, SLIET  | Internal Member                  |
| 32. | Dr. Pardeep Gupta, Prof<br>Department of ME, SLIET   | Internal Member                  |
| 33. | Dr. Kulwant Singh, Prof<br>Department of ME, SLIET   | Internal Member                  |
| 34. | Dr. Amandeep Singh Shahi, Prof<br>Department of ME, SLIET  | Internal Member                  |
| 35. | Dr. R.K. Saxena, Prof<br>Department of ME SLIET  | Internal Member                  |
| 36. | Dr. Jap Preet Kaur Bhangu, Prof<br>Department of M&H, SLIET  | Internal Member                  |
| 37. | Dr. P. K. Jain, Prof<br>Department of M&H, SLIET   | Internal Member                  |
| 38. | Dr. P. K. Dhiman, Prof<br>Department of M&H, SLIET   | Internal Member                  |
| 39. | Dr. Parveen Kaur Khanna, Prof & HOD<br>Department of M&H, SLIET                                      | Internal Member                  |
| 40. | Dr. Mahesh Kumar Arora, Prof<br>Department of M&H, SLIET   | Internal Member                  |
| 41. | Dr. Sanjeev Bansal, Prof<br>Department of M&H, SLIET   | Internal Member                  |
| 42. | Er. S. C. Verma, AsP<br>Department of ME, SLIET  | Internal Member                  |
| 43. | Dr. Damanjit Singh, AsP & HOD,<br>Department of Chemistry, SLIET                                     | Internal Member                  |
| 44. | Dr. Surita Maini, AsP (EIE)<br>Chief Warden (GH), SLIET  | Nominated Member                 |
| 45. | Mr. Vivek Kumar, AP,<br>Department of ME, SLIET  | Nominated Member                 |
| 46. | Dr. Vinod Kumar Verma, AP,<br>Department of Computer Sc & Engg, SLIET                                | Nominated Member                 |
| 47. | Dr. Sanjeev Kumar Garg, AsP & HOD<br>(Civil Engg) Department of M&H, SLIET                           | Internal Member                  |
| 48. | Dr. Harish Kumar Chopra, Prof & Dean (P&D)<br>and Registrar (Oftg)<br>Department of Chemistry, SLIET | Member Secretary<br>(Ex-officio) |
| 49. | Dr. Navdeep Jindal, AsP (FET) &<br>Associate Dean / DR (Acad)  | Special Invitee                  |
| 50. | Dr. Mandeep Ghai, AP (M&H) & AR (Exam)   | Special Invitee                  |

The following external members could not attend the meeting due to their pre-occupation in their respective organizations, for which, they sent an email to the Institute :-

| Sr. No. | Name & Address  | Senate Designation           |
|---------|---|------------------------------|
| 1.      | Mr. Narinder Mohan,<br>Director, Eastman Cast & Forge Limited,<br>GT Road, Ludhiana         | External Member              |
| 2.      | Dr. Sanjeev Kumar,<br>Professor, Department of Mech Engg<br>Punjab Engg College, Chandigarh | External Member              |
| 3.      | Dr. Kulwinder Singh Mann,<br>Professor, Deptt of Information Technology,<br>GNDEC, Ludhiana | External Member<br>(Alumnus) |

The following internal members of the Institute did not attend the meeting :-

| Sr. No. | Name & Address  | Senate Designation |
|---------|---|--------------------|
| 1.      | Dr. V. K. Jain, Professor,<br>Deptt. of EIE, SLIET                                | Internal Member    |
| 2.      | Dr. Anupama Marwaha, Prof & HOD<br>Department of ECE, SLIET                       | Internal Member    |
| 3.      | Dr. Kamlesh Prasad, Prof<br>Department of FET, SLIET                              | Internal Member    |
| 4.      | Dr. Vikas Nanda, Prof<br>Department of FET, SLIET                                 | Internal Member    |
| 5.      | Dr. Pushpa Jha, Prof<br>Department of CHE, SLIET                                  | Internal Member    |
| 6.      | Dr. S. S. Dhaliwal, Prof,<br>Department of Mathematics, SLIET                     | Internal Member    |
| 7.      | Dr. J. R. Sharma, Prof<br>Department of Mathematics, SLIET                        | Internal Member    |
| 8.      | Dr. R.K. Mishra, Head (T&P)<br>Department of Mathematics, SLIET                   | Internal Member    |
| 9.      | Dr. R.K. Guha, Prof<br>Department of Mathematics, SLIET                           | Internal Member    |
| 10.     | Dr. K.S.Kahlon, Prof<br>Department of Physics, SLIET                              | Internal Member    |
| 11.     | Dr. K.S. Mann, Prof<br>Department of Physics, SLIET                               | Internal Member    |
| 12.     | Dr. M. M. Sinha, Prof & HOD<br>Department of Physics, SLIET                       | Internal Member    |
| 13.     | Dr. S.S.Verma, Prof<br>Department of Physics, SLIET                               | Internal Member    |
| 14.     | Dr. P. K. Singh, Prof & Dean (R&C)<br>Department of Mechanical Engineering, SLIET | Internal Member    |
| 15.     | Dr. Rajesh Kumar, Prof & HOD<br>Department of Mechanical Engineering, SLIET       | Internal Member    |
| 16.     | Dr. Shankar Singh, Professor,<br>Department of Mechanical Engineering, SLIET      | Internal Member    |
| 17.     | Dr. Jagtar Singh, Professor<br>Department of Mechanical Engineering, SLIET        | Internal Member    |
| 18.     | Ms. Subhita Bhagat, AP,<br>Deptt. of Chemical Engineering, SLIET                  | Internal Member    |

**APPENDIX-2**

**SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY  
LONGOWAL - 148 106 (DISTT. SANGRUR, PUNJAB)**

**REPORT OF DEAN (ACADEMICS) TO THE 24<sup>th</sup> MEETING OF THE  
SENATE HELD ON 31.05.2019 HIGHLIGHTING VARIOUS  
ACADEMIC/STUDENTS ACTIVITIES IN THE INSTITUTE**

**1. REPORT ON PROGRAMS CONDUCTED AT SLIET UNDER TEQIP-III SCHEME**

**PROGRESS REPORT OF TEQIP-III FOR SENATE MEETING (31.05.2019)**

**ACADEMIC ACTIVITIES (Jan – March 2019)**

**I. ACTION PLAN:**

Action plan of 1<sup>st</sup> Quarter (April – June 2019) has already been approved by the Competent authority SLIET Longowal.

**II. TWINNING ACTIVITIES:**

**STTP/ Conference Organized:** - Following academic activities have been organized by different departments of the institute during the fourth quarter:

| Sr. No. | Name of the Activity  | Deptt.                        | Duration | Schedule   |
|---------|---|-------------------------------|----------|--|
| 1.      | SLIETCON - 2019<br>(National Conference at NIITTR Chandigarh)             | FET, ChE,<br>ECE, EIE,<br>CSE | Two Days | 01 <sup>st</sup> -2 <sup>nd</sup> March 2019                     |
| 2.      | STTP on "Artificial Intelligence & its Sustainable Applications" (NIT UK) | EIE                           | One Week | 18 <sup>th</sup> -22 <sup>nd</sup> March 2019                    |
| 3.      | STTP on "Research Methodology & Statistics" (NIT UK)                      | ME                            | One Week | 27 <sup>th</sup> -31 <sup>st</sup> May 2019<br>(To be organized) |

**Visit of faculty members from NIT UK (mentee institute): -**

Eight faculty members have visited from NIT UK to SLIET Longowal from 18<sup>th</sup>-19<sup>th</sup> March, 2019 for finalizing the activities under Twinning arrangement.

**Syllabus covered of the UG students (mentee institute) by faculty of SLIET Longowal: -**

Faculty members from the various departments have been visited at NIT UK and NIT UK (Jaipur Campus) for covering the syllabus of UG students (mentee institute).

The details of the activity are as under :-

| Department  | Subject of Mentee Institute              | Name of faculty     | Duration                                       |
|-------------|--|---------------------|--|
| EIE         | Switchgear and Protection (EEL-401)      | Er. Gurmeet Singh   | 1 <sup>st</sup> -6 <sup>th</sup> April 2019    |
|             | Power System (EEL-301)                   | Er. Anshuka Bansal  |  |
|             | Soft Computing Techniques (EEL-305)      | Er. Asim Ali Khan   |  |
|             | Control System (EEL-302)                 | Dr. Raj Kr. Garg    |  |
| Chemistry   | Applied Chemistry                        | Dr. Damanjit Singh  | 15 <sup>th</sup> -18 <sup>th</sup> April, 2019 |
| ME          | Applied thermodynamics                   | Dr. R.K. Yadav      |  |
| Physics     | Electronic and electromagnetic materials | Dr. M.M. Sinha      | 1 <sup>st</sup> – 6 <sup>th</sup> April 2019   |
| Mathematics | SCL – 201                                | Dr. Vinod Mishra    |  |
| EIE         | Bio-Medical Engineering                  | Dr. A.S. Arora      | 15 <sup>th</sup> -16 <sup>th</sup> April, 2019 |
|             | Bio-Medical Engineering                  | Dr. Surita Maini    |  |
| ECE         | Electronic Circuit                       | Er. Sarabjeet Singh | 15 <sup>th</sup> -18 <sup>th</sup> April       |

|                             |                 |      |
|-----------------------------|-----------------|------|
| Microcontroller Interfacing | Dr. Dilip Kumar | 2019 |
|-----------------------------|-----------------|------|

**III. PDT PROGRAMME ATTENDED BY FACULTY MEMBERS:**  
**Five faculty members attended PDTs at different IIMs.**

| Sr. No. | Name of the faculty member                     | Topic  | Venue            | Duration  |
|---------|--|--|------------------|---|
| 1.      | Dr. Indraj Singh, Nodal Officer (SA) TEQIP-III | Professional Development Training                | IIM Kashipur     | 27 <sup>th</sup> -31 <sup>st</sup> Jan. 2019      |
| 2.      | Prof. V.K. Kukreja, PC TEQIP-III               |  | IIM Indore       | 28 <sup>th</sup> Jan. – 1 <sup>st</sup> Feb. 2019 |
| 3.      | Prof. V.K. Kukreja, PC TEQIP-III               | International Conference on "Digital Pedagogies" | AICTE, New Delhi | 1st – 2nd April 2019                              |
| 4.      | Prof. J.S. Ubhi                                |  |                  |   |
| 5.      | Dr. Major Singh, HOD (CSE)                     | Professional Development Training                | IIM Indore       | 27th – 31st May 2019                              |
| 6.      | Dr. Damanpreet Singh, F/I (ACSS)               |  |                  |   |
| 7.      | Dr. Shankar Singh, Prof. I/C (A&A)             |  | IIM Udaipur      |   |

**IV. RESEARCH & DEVELOPMENT:**

**a. Research Project for Student's**

Ten projects have been sanctioned to students of different departments under sub component 1.3.2.5 under research and development vide letter no. SLIET/Dean(R&C)/2019/692 dated 26/03/2019.

| Sr. No. | Deptt. | Category                                 | Title of Project   | Student Leader                       | Amount Sanctioned |
|---------|--------|--|--|--------------------------------------|-------------------|
| 1.      | FET    | Technology Development                   | Production of Aloe Vera based functional food products           | Ankit Kumar, GFT/121344              | 50,000.00         |
| 2.      | ChE    | Product Development                      | Study on production of Bio Gas from organic waste                | Rupam Kalita GCT/1731644             | 50,000.00         |
| 3.      | ME     | Technology Development                   | Printing & De-Printing Machinge                                  | Pawan Kumar Garg, GWT                | 40,000.00         |
| 4.      | ME     | Community Service Utility Project        | Automation in Agriculture (Smart Farming)                        | Satpal Singh GME/121026              | 57,000.00         |
| 5.      | ME     | Product Development                      | Waste Heat Recovery System                                       | Abhishek Kumar GME/121087            | 49,600.00         |
| 6.      | CSE    | Community Service Utility Project        | To design and develop an integrated "Anytime Printing Machine"   | Raushan Kumar GEE-2015/121739        | 34,000.00         |
| 7.      | EIE    | Face Recognition Based Attendance System | Technology Development   | Shubham Raj GEE/1731047              | 11,000.00         |
| 8.      | CSE    | Technology Development                   | Digital Notice Board using Raspberry Pi                          | Akshat Garg GCS/1740571              | 26,545.00         |
| 9.      | ECE    | Industry Orientated                      | Development of Fractal Patch Antennas for S and C Band Spectrums | Deepshikha Priyadarshi PGECE/1750060 | 15,000.00         |
| 10.     | EIE    | Community Service Utility Project        | Automatic Plant Monitoring and Watering System                   | Bhaskar Pandey PG/ICE/1750207        | 38,710.00         |

**b. Research Project for Faculty members**

Six projects have been sanctioned to faculty members of different departments under sub component 1.3.2.5 under research and development vide letter no. SLIET/Dean(R&C)/2019/693 dated 26/03/2019.

| Sr. No. | Dept. | Title of Project   | Name of PI                          | Amount Sanctioned |
|---------|-------|--|-------------------------------------|-------------------|
| 1.      | ChE   | Modeling Simulation and optimization of Extraction Parameters of Supercritical Extraction of various Indian Spices and Herbs   | Dr. Amit Rai, AP, ChE               | 1,47,500.00       |
| 2.      | ChE   | Development of Environmentally Benign Green Emulsion Liquid Membrane (GELM) Separation Technology for the Removal of Industrial Pollutants (Cromium (VI) and Phenol) | Dr. Avinash Thakur, AsP, ChE        | 1,00,000.00       |
| 3.      | FET   | Development of Flaxseed Protein based coatings to increase storage life of Fruits  | Dr. Charanjiv Singh Saini, AsP, FET | 1,00,000.00       |

|    |     |  |                            |             |
|----|-----|--|----------------------------|-------------|
| 5. | ME  | Tribological investigation of synthesized nanoparticles based composite lubricant                                | Er. Surinder Kumar, AP, ME | 1,00,000.00 |
| 6. | EIE | Quality Analysis of Indian Basmati Rice Grains Using Digital Image Processing Technique (For Rice Mill Industry) | Er. Sunil Kumar AP, EIE    | 15,000.00   |

#### V. Research Assistantship under TEQIP-III:

Research assistantship under TEQIP-III is being given to 10 number of Ph.D. candidates of various departments of the institute. The details of the research assistantship released to the Ph.D. candidates is as given below:

| Sr. No. | Month    | Total number of candidates | Amount released (Rs.) |
|---------|----------|----------------------------|-----------------------|
| 1.      | January  | 10                         | 2,50,000.00           |
| 2.      | February | 10                         | 2,50,000.00           |
| 3.      | March    | 10                         | 2,50,000.00           |
| Total:  |          |                            | 7,50,000.00           |

#### VI. Remedial Classes:

Remedial classes of various departments are being arranged for weak students on honorarium basis. An honorarium @1000/- (Rs. One Thousand only) per hour in accordance with the rates as applicable to guest teachers, with 20 to 40 lectures per course per semester shall be paid out of the TEQIP-III funds.

| Name of the faculty member | Department | Name of the Course  | Duration          |
|----------------------------|------------|---------------------|-------------------|
| Er. Rajesh Pathak, AP      | ECE        | Control Engineering | Jan. – April 2019 |

#### VII. GATE TRAINING RESULT (GATE – 2019): -

A total 298 students appeared in GATE 2k19. The department wise details of the students appeared/qualified is given in the below table:

| S. No | Branch/ Discipline  | No. of student got GATE Training under TEQIP-III | Number of Students appeared | No. of students qualified |
|-------|---|--|-----------------------------|---------------------------|
| 1     | Computer Science and Engineering                              | 48   | 54                          | 10                        |
| 2     | Food Engineering and Technology                               | 22   | 29                          | 02                        |
| 3     | Mechanical Engineering (Manufacturing and Welding Technology) | 58   | 72                          | 14                        |
| 4     | Electronics and Communication Engineering                     | 26   | 33                          | 03                        |
| 5     | Chemical Technology   | 46   | 46                          | 04                        |
| 6.    | Electrical and Instrumentation Engineering                    | 43   | 64                          | 13                        |
| Total |   | 243  | 298                         | 46                        |

#### VIII. GATE TRAINING (GATE – 2020): -

- a. **Interested Students:** Planning of providing GATE Training to Pre-final year UG students is initiated. List of the interested UG students have been received from the various engineering departments. The total duration for GATE Training is 150 - 160 Hours approx. A total of 266 students (department wise) have enrolled.

| Sr. No. | Name of the Department | No. of interested students |
|---------|------------------------|----------------------------|
| 1.      | GME + GWT              | 29 + 18                    |
| 2.      | GCS                    | 76                         |
| 3.      | GFT                    | 40                         |
| 4.      | GCT                    | 29                         |
| 5.      | GIN + GEE              | 16 + 31                    |
| 6.      | GEC                    | 27                         |
| Total   |                        | 266                        |



b. **Proposed Schedule for GATE Training: -**

| Months      | Dates (Per day 4hrs lectures)   | Hours per month |
|-------------|---|-----------------|
| July        | 9 <sup>th</sup> to 13 <sup>th</sup>   | 20              |
| Sept        | 3 to 4 days   | 10              |
| Oct/Nov.    | 3 to 4 days   | 10              |
| December    | 9 <sup>th</sup> to 14 <sup>th</sup> , 16 <sup>th</sup> to 21 <sup>st</sup> , 23 <sup>rd</sup> to 28 <sup>th</sup> | 72              |
| January     | 2 <sup>nd</sup> to 4 <sup>th</sup> , 6 <sup>th</sup> to 10 <sup>th</sup> (5hrs per day)                           | 40              |
| Total Hours |   | 152             |

**PROCUREMENT**

I. **Establishing Centralized Computing Facility: -**

| Sr. No. | Name of Item                           | Expenditure (Rs.) | Mode     | Status                 |
|---------|--|-------------------|----------|------------------------|
| 1.      | 125 Desktop Computer (AIO)             | 68,77,500.00      | NCB      | Payment released.      |
| 2.      | 108 Computer Table (Workstation Table) | 17,39,556.00      | Shopping | Purchase Order issued. |

II. **Minor Civil & Electrical Work for establishing Centralized Computing Facility:**

| Sr. No. | Name of the Work      | Expenditure (Rs.) | Mode                 | Status                                       |
|---------|-----------------------|-------------------|----------------------|--|
| 1.      | Minor Electrical Work | 6,29,600.00       | Shopping Civil Works | Quotations opened and case is under process. |
| 2.      | Minor Civil Work      | 9,86,131.00       |                      | Contract signed.                             |

III. **Procurement Process for 2<sup>nd</sup> Phase:**

Allocation of funds for the procurement of 2<sup>nd</sup> phase has been approved by the competent authority. The details of the funds allocation is given below:

| Group No. | Department        | Allocation of Funds* (Amount in lakhs) |
|-----------|-------------------|--|
| I         | EIE, ECE, ME, CSE | 90.00                                  |
| II        | ME (Sole)         | 40.00                                  |
| III       | FET, ChE, Chem    | 40.00                                  |
| IV        | CSE (Sole)        | 25.00                                  |
| V         | IIC               | 20.00                                  |

\*May be changed with in the groups with the approval of Director SLIET

2. **Report on National Mathematics Day-2018**

The National Mathematics Day is observed in India on 22nd December every year. It is celebrated to honour the great mathematician Shri Srinivas Ramanujan. He was a world famous mathematician who made remarkable contribution towards the development of mathematics.

Department of Mathematics of Sant Longowal Institute of Engineering and Technology (SLIET), Longowal, celebrated the same on 7th Feb., 2019. Prof. Shailendra Jain, Director, SLIET and Prof. A.S. Arora, Dean (Academics) inaugurated the program. In their inaugural lecture both emphasized the importance of study of mathematics at all levels and particularly in engineering curriculum. On this occasion Prof. Vinod Mishra and Prof. R.K. Mishra of SLIET, delivered lectures on 'Mathematical Insight & the legacy of Ramanujan'

and 'How Mathematics can change our Life', respectively. A Popular Lecture was delivered by Shiksha Rattan Dr. Jaswinder Singh of Patiala.

Approximately 450 students from 1st year ICD (from SLIET) and nearby schools attended the programme and they enjoyed it very much. Finally Prof. Sushma Gupta, Head of the Department, Mathematics expressed her profound thanks to PSCST for their sponsorship and support to organise this event and thus helping in spreading awareness about importance of mathematics in life and society.

### 3. Report on Research Scholars Day

Dr. M. M. Sinha, Prof (Physics) and Convener, NSW-2019, has intimated that, the research scholars day was celebrated on 27<sup>th</sup> February, 2019, during national science week. A total of fifty one (51) research scholars of the Institute have submitted abstract for presentation to oral and poster session to the convener. Out of submitted abstracts, 23 were assigned for oral presentation and 28 for poster presentation. However, there were 03 absentees in oral session and 02 in poster session.

### 4. Report on National Science Week

To celebrate the contributions of Sir CV Raman and to the progress made by India in science and technology for the improvement of common man's life, SLIET, Longowal celebrated "National Science week" from 25<sup>th</sup> February to 28<sup>th</sup> February 2019 for third time in a row. This year's science week is being celebrated with a theme "Communicating Science for all". The inaugural function of the national science week programme took place on 25<sup>th</sup> February and the occasion was graced by Dr. Sandeep Garg, IPS, SSP Sangrur as a Chief Guest.

Dr. Sandeep Garg, shared his academic pursuits towards the growth of his career and the growing role of science and technology in particular in police functioning. Dr. A.S. Arora, Dr. P.K. Singh and Dr. M.M. Sinha all spoke on the occasion and highlighted the role of Sir CV Raman and other scientists in the growth of Science and Technology in the country.

### 5. Report on TECHFEST'19

Institute regularly organizes the various academic activities for the students. As a part of it, the annual technical festival "techFEST'19" was organised on 15<sup>th</sup> and 16<sup>th</sup> March, 2019. The annual technical festival "techFEST" started in the year 1999. It is the 1<sup>st</sup> time that there were only technical events related to various engineering streams in the Institute. The techFEST'19 witnessed more than 50 specialised events spread over 8 major technical domains. To give a boost to students and to maintain the parallel with other Institutions in regard to such festival, it is the 1<sup>st</sup> time that Institute has announced cash prizes worth around ₹ 5 Lac. The techFEST'19 has also distributed the gift vouchers and goodies worth around ₹ 2 Lac given by different sponsors. Few of the prominent sponsors were Oppo, the College FEVER, State Bank of India and MakeMyTrip etc. Technical events aside other major attractions included "The MAGIC show" presented by MakeMyTrip, was organised on 15<sup>th</sup> March by Mr. Akshay Singh and Team and the Mega event i.e., "The LASER Show" sponsored by State Bank of India, was presented on 16<sup>th</sup> March by a team from Laser Show India, Bangaluru. The major initiatives of techFEST'19 included the support for the "Digital India" initiative launched by Indian Prime Minister by allowing

only Digital Transactions and Registrations via its website. The team has also introduced its Own Currency "techBUX" for the fest which served as a digital platform for transactions. Students from all over India were involved and participated in complex issues, exchanged innovative technical ideas and also inspire others to explore and do something creative.

**6. SLIET team 'JUGGERNAUTS' lifted 2nd Runners Up Overall Winner Trophy of International Go-Kart Championship- 2019'**

It is celebration time for the team members of 'Juggernauts' of SLIET, Longowal as the team was adjudged 'Best Build Quality Winner' of the 7th Season of International Go Kart Championship (IGC - 2019) held at Lovely Professional University from 15th-18th March 2019. For this Championship, 100+ teams from across India and abroad had registered. The team represented by 20 vibrant students from the mechanical engineering department of SLIET, Longowal under the guidance of Dr Shankar Singh, Professor (Mechanical) as Faculty Advisor (FA), conceived, designed and fabricated the Go-Kart, and participated in the IGC 2019.

The team 'Juggernauts' were also awarded 2nd Runner-up Overall Championship's Winner Trophy and Endurance 1st Runner Up Trophy, along with cash prizes.

Team "Junkyard Warriors" from Mechanical Engineering won the "Durability Award" and "Pride of Punjab Award" at BAJA SAE (Society of Automotive Engineers) India 2019 event held at IIT Ropar from 6th -10th March 2019 under the Guidance of Dr. Shankar Singh, Prof (ME).

7. Dr. P.S. Panesar, Prof (FET) has been awarded "FELLOW AWARD 2018" in the field of "Food Biotechnology" by "The Biotechnology Research Society of India (BRSI)" on November 22, 2018 at 'Biotechnological Research and Innovation for Sustainable Development & XV BRSI Convention' held at Indian Institute of Chemical technology (IICT)Hyderabad.

**8. Selection as Editor of Journal of Food Science and Technology**

Dr. P. S. Panesar, Professor (FET Department) has intimated on 02.05.2019 that, he has been nominated as a member of Editorial Board of Journal of Food Science and Technology. He has also informed that the Journal of Food Science and Technology (JFST) is being published by M/s Springer and currently the impact factor is 1.797.

A copy of the same as supplied by the concerned faculty member, has been retained in the office of Dean (Acad) for reference and record purpose.

**9. Academic activities in the Department of Computer Science & Engg**

**Two teams participated in the Smart India Hackathon (2019) – each having six students viz team "Sourcecoders" and "PIRATICAS". The team PIRATICAS was the winner of grand finale with a cash prize of Rs.1.00 (Rs. One lac only).**

An expert talk by Dr. (Prof) Raj Kumar Buyya from University of Melbourne was held on 26.04.2019, wherein 87 number of students of UG/PG had participated.

**10. Report on T&P activities (JANUARY, 2019 TO MAY, 2019)**

**26 companies** have recruited our students during Jan, 2019 to May 2019

| S.NO. | NAME OF COMPANIES                                  |
|-------|--|
| 1     | BUNGE INDIA PRIVATE LTD.                           |
| 2     | BIKANO FOOD PVT. LTD.                              |
| 3     | TORRENT GROUP                                      |
| 4     | CHEEMA BOILERS LIMITED                             |
| 5     | WELSPUN CORP. LIMITED                              |
| 6     | MSRB FOOD PRODUCTS PVT. LTD., AMBALA               |
| 7     | VARDHMAN GROUP                                     |
| 8     | VARUN BEVERAGES LIMITED, NOIDA                     |
| 9     | NP FRESH FOOD PVT. LTD., LUDHIANA                  |
| 10    | RIR CERTIFICATION PVT. LTD., GURGAON               |
| 11    | RALSON GROUP                                       |
| 12    | COVALENT LABORATORIES PVT. LTD                     |
| 13    | MAHINDRA & MAHINDRA LTD.                           |
| 14    | JAI BEVERAGES PVT LTD.                             |
| 15    | TECHNOPLANET LAB PVT. LTD.                         |
| 16    | JINDAL STEEL & POWER LIMITED, RAIPUR, CHHATTISGARH |
| 17    | VACMET INDIA LIMITED                               |
| 18    | CHC CONSULTING ASIA PACIFIC PVT. LTD.              |
| 19    | SOFSTER, MOHALI                                    |
| 20    | M/S KANDHARI BEVERAGES PVT LTD (COCA-COLA)         |
| 21    | NEWTOS ENVIRO ENGINEERING NOIDA(UP)                |
| 22    | KANGARO INDUSTRIES LIMITED                         |
| 23    | HPCL-Mittal Energy Limited                         |
| 24    | EASTMAN CAST & FORGE LTD., LUDHIANA                |
| 25    | NEW SWAN GROUP, LUDHIANA                           |
| 26    | SATYAM AUTO COMPONENT LIMITED                      |
| 27    | STANDARD TRACTOR, BARNALA                          |

1. Department of Training and Placement has successfully conducted the one-day workshop on "Future Learning in the Era of Industry 4.0" on dated 29<sup>th</sup> March 2019.
2. Department of Training and Placement has conducted the selection process for In-House Industrial Training by Truneek & about 50 students are doing the in-house industrial training first time in our campus.
3. Prof. R. K. Mishra, Head (T&P) was invited by Infosys management to visit the Infosys Limited, Mysore, accordingly he has visited during InfyTQ (Learning and Engagement Platform) inauguration.
4. Head (T&P) have already visited Chandigarh/Mohali & Ludhiana in the following companies to re-establish/ establish the institutional relation with corporates
  - Sofster, Mohali
  - Quark Media, Mohali
  - Ashriya Infotech. Pvt. Ltd., Mohali
  - Artesian Software technologies LLP, Mohali
  - CHC Consulting ASIA Pacific, Mohali
  - Pyramid Consulting Inc., Mohali
  - Quarkcity India Pvt. Ltd., Mohali
  - Eastman Cast & Forge Ltd., Ludhiana
  - Kangaro Industries Limited, Ludhiana
  - New Swan Group, Ludhiana
  - ARCON Engineers, Ludhiana
  - Bonn Nutrients Private Limited, Ludhiana
  - Ralson Group, Ludhiana
  - Metro Tyres, Ludhiana
5. Department of Training and Placement has successfully conducted the UDAAN-2019 (Campus to Corporate) on 03<sup>rd</sup> May 2019
6. Department of Training and Placement has successfully conducted the Career Fair 2019 on 24<sup>th</sup> May 2019, under which about 40 students are expected to be placed in last day of their study.

**11. Certificate to faculty members of SLIET who has participated in NPTEL course**

A faculty member of the Institute, namely, Ms. Preet Pal Kaur Buttar, AP (CSE) has participated in the NPTEL course. She has informed of having her successfully completed the program in the respective field (Deep Learning with a consolidated score of 70%) and has been awarded a Certificate by the organizers. A copy of the same as supplied by the concerned faculty member, has been sent to Admn. Section for record.

