## Minutes of 89<sup>th</sup> meeting of the Senate of Punjab Engineering College (Deemed to be University), Chandigarh

## A Brief of meeting and participants:

| Date                 | 04.12.2020 (Friday)                                                         |  |
|----------------------|-----------------------------------------------------------------------------|--|
| Time                 | 11.00 am                                                                    |  |
| Venue                | Senate Hall, adjacent to Directors' Secretariat, PEC, Sector 12, Chandigarh |  |
| In-Chair             | Prof. Dheeraj Sanghi, Director, PEC                                         |  |
| List of Participants | Placed at Flag 'A'                                                          |  |

## B. The brief of proceedings is as follows:

| Item<br>No. | Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Decision Bull Language the comme                                                                                                                                   |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 89.1        | To confirm the minutes of the 88 <sup>th</sup> meeting of Senate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Confirmed.                                                                                                                                                         |
| 89.3        | To consider revision of UG Curriculum  The UG curriculum was earlier revised in the Academic year 2014-15 by the Senate. Workshop on new UG Curriculum for BSC, ESC & HSS Courses was held on 05.11.2020 and the course                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Senate noted that the revised UG structure and syllabi has been prepared as per the recommendations of NEP 2020 and approved the                                   |
|             | structure was finalized. The revised structure and syllabi for UG 1 <sup>st</sup> year has been recommended by IAPC in its meeting held on 01.12.2020.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Structure and Syllabi for UG 1 <sup>st</sup> year to be implemented from the academic session 2020-21 with following observations:-                                |
|             | the series accorded interestables, the graphs and expenses and english server exceptions on a graph according to the exception of the english server exception of the engine of the engi | 1. As proposed, one new Physics course "Condensed Matter Physics" will also included in the basket of the Physics Courses.                                         |
|             | shill set. The proposed area at enhancing the level<br>of programming skills right from the entry level<br>and will be parity for all the branches with the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2. Senate authorized Dean Academic Affairs for planning the courses of the first three semesters of UG 2020-24 batch.                                              |
|             | notes no ef compositive prographing in their B.  Lest consumer. Fire temposit was discussed and  evaluable. By the Committee consumed, for  some our reletant contains their collins platforms.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3. The course contents of all the courses of first year stand approved. However, departments will reframe the objectives and outcomes as per the guidelines of NBA |
| 28.7        | In counter received trave of thus any Other<br>CD 15109039 Production and Industrial<br>Engineering American for 1936) is messer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | and Bloom's taxonomy. List of books should include maximum 2 text books and 2-3 reference books.                                                                   |

Sangeei

| 89.4 | To consider revised rules and procedures for Under Graduate programme applicable for academic session 2020-21 onwards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Approved as proposed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 89.5 | To consider the Academic Calendar for B. Tech 1 <sup>st</sup> year (20-21-1 semester) and B. Tech (2 <sup>nd</sup> , 3 <sup>rd</sup> & 4 <sup>th</sup> . Year), M. Tech (1 <sup>st</sup> year & 2 <sup>nd</sup> year) & Ph.D students for 20-21-2 semester                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Approved as proposed with minor changes, if required, as and when the list of gazetted holidays of 2021 is notified by Chandigarh Administration. Senate also decided that regular teaching will continue during the Industry Academic Expert Lecture Week.                                                                                                                                                                                                                                     |  |
| 89.6 | To consider the result of 19-20-2 semester for B. Tech 1 <sup>st</sup> & 2 <sup>nd</sup> year, M. Tech 2 <sup>nd</sup> semester and Ph.D. students                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Approved as proposed except for MTN103 which will be taken up separately by Head MMED with Chairman Senate. Further, the students who are facing termination due to 'Y' grade in 2 <sup>nd</sup> and 4 <sup>th</sup> semesters will be allowed to appear in the end-term examination of 19202 semester for award of normal grading in the courses in which they have registered for improvement. Same provision will be applicable to Ph.D students for fulfilling the course work requirement. |  |
| 89.7 | To consider the cases of those students who are facing termination due to 'Y' grade in 2 <sup>nd</sup> and 4 <sup>th</sup> semesters.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Approved as per the decision noted against 89.6.                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| 89.8 | To consider proposal for teaching B. Tech 1st year course (Introduction to Computing) through online platform Codechef.  Codechef have shared a proposal in which they follow the mode of learning through structured live and recorded video classes, programming competitions, practice exercises and highly active discussions forums, focusing on "Algorithmic Thinking" rather than focusing on a particular skill set. The proposal aims at enhancing the level of programming skills right from the entry level and will be useful for all the branches with the inclusion of competitive programming in their B. Tech curriculum. The proposal was discussed and evaluated by the Committee constituted for selecting relevant courses from online platforms. | Approved as proposed. Course Instructor(s) will be assigned by Head, CSE for submission of final grades.                                                                                                                                                                                                                                                                                                                                                                                        |  |
| 89.9 | To consider semester leave of Shivam Ojha,<br>SID 15109039 Production and Industrial<br>Engineering department for 19201 semester                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Approved as proposed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |

largeer

Minutes of 89<sup>th</sup> meeting of Senate of PEC held on 04.12.2020.

| 89.10  | To consider revision of Plagiarism rules according to revised UGC guidelines                                                                                                                                                               | ate of Punjab Engineering                                                                                                                                                                                                                 |  |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|        | A committee comprising Associate Dean Ph.D,<br>Associate Dean PG, Associate Dean UG and Sr.<br>Librarian (Prof. Seema Vashisht) was constituted<br>for revision of Institute Plagiarism Policy in lines<br>with UGC Plagiarism guidelines. | Approved as proposed for one year i.e. 1 <sup>st</sup> Jan 2021 to 31 <sup>st</sup> December 2021 and review the same subsequently. It was also decided that the same rules will be applicable for M. Tech Dissertation/Industry Project. |  |
| 89.11  | Items for ratification/information                                                                                                                                                                                                         |                                                                                                                                                                                                                                           |  |
|        | 1. To consider list of journals for paper publication by CMH Ph.D scholars.                                                                                                                                                                | er Secretaria: PIC, Sector 12, Consepond                                                                                                                                                                                                  |  |
|        | A representation was received from CMH department regarding list of journals for paper publication by its Ph.D scholars. Case was discussed in Standing Committee of                                                                       | Ratified                                                                                                                                                                                                                                  |  |
|        | Senate held on 07.07.2020. It was decided that publication by Ph.D scholars of CMH department in SCOPUS and ABC journals having ESCI (Emerging Sources Citation Index)/ Art & Humanities Citation Index or                                 | Herfilan                                                                                                                                                                                                                                  |  |
|        | Social Science Citation Index will only be considered. This requirement will be reviewed after two years. The recommendation of Standing Committee was approved by Chairman Senate.                                                        | A nethropi.                                                                                                                                                                                                                               |  |
| T-87.1 | To consider setting up of Centre of Excellence for Data Sciences                                                                                                                                                                           | After detailed deliberations, it was decided that a Committee will be constituted by Chairman Senate to prepare a proposal for proper management of Centres at PEC.                                                                       |  |

Meeting ended with the vote of thanks to Chair.

Flag 'A'
Attendance sheet – 89<sup>th</sup> meeting of Senate on 04.12.2020

| S.NO. | NAME                                       | Present/ Absent |
|-------|--------------------------------------------|-----------------|
| 1     | Dr. Dheeraj Sanghi, Director               | Chaired         |
| 2     | Dr. Siby John, Deputy Director             | Online Present  |
| 3     | Prof. Kunal Nandwani, CEO uTrade Solutions | - 1             |
| 4     | Dr. M Rajiv Lochan, Panjab University      | Online Present  |
| 5     | Dr. Sucheta, HOD Applied Sc.               | Present         |
| 6     | Dr. T K Jindal, HOD Aerospace Engg         | Online Present  |
| 7     | Dr. R R Singh, HOD Civil Engg              | Present         |
| 8     | Dr. Shailendra Singh, HOD CSE              | Online Present  |
| 9     | Dr. Jagdish Kumar, HOD Electrical Engg     | Present         |
| 10    | Dr. Neena Gupta, HOD ECE                   | Online Present  |
| 11    | Dr. S K Mangal, HOD Mechanical Engg        | Present         |
| 12    | Dr. Uma Batra, HOD MME                     | Present         |
| 13    | Dr. R S Walia, HOD P& IE                   | Present         |
| 14    | Dr. Asha Gupta, Applied Sc.                | Online Present  |
| 15    | Prof. S K Sharma, Civil Engg.              | -               |
| 16    | Dr. Arun K Singh, ECE                      | Present         |
| 17    | Er. Tejinder Singh Saggu, Elect. Engg.     | Online Present  |
| 18    | Dr. Seema Vasishta, Library                | Present         |
| 19    | Sh. Sushil Kumar, Computer Centre          | Online Present  |
| 20    | Dr. Sanjeev Kumar, Mechanical Engg., DAA   | Present         |
| 21    | Dr. Sanjeev Kumar, Applied Sc., DSA        | -               |
| 22    | Registrar (Secretary)                      | Present         |
| 23    | Dr. Rintu Khanna ADPG                      | Online Present  |
| 24    | Dr. Sarbjit Singh, ADUG                    | Present         |
| 25    | Dr. Parveen Kalra, Head CoE                | Online Present  |
| 26    | Cdr Avikshit For Head CMH                  | Present         |
| 27    | Dr. Divya Bansal, Head, CSRC               | Present         |
| 28    | Dr. J D Sharma, Head CDGC                  | Online Present  |
| 29    | Mr. Mayank Gupta (student)                 | Online Present  |
| 30 *  | Mr. Lavish Garg, SID 17104035 (student)    | Online Present  |
| 31    | Mr. Shantnu Chawla, SID 17109037 (student) | Present         |
| 32    | Mr. Jayan Bathla, Coconvener (student)     | Present         |
| 33    |                                            |                 |