# ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਇੰਜੀਨੀਅਰਿੰਗ ਕਾਲਜ਼
# Guru Nanak Dev Engineering College
## An Autonomous College Under UGC Act 1956

AICTE Approved, ISO : 9001-2015 Certified Affiliated to IK Gujral, PTU, Jalandhar.

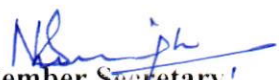IEI & TCS Accredited UG Programmes

No RK38 / 2508

11.01.2022

**All the members of Academic Council**

**Sub: Minutes of 14th Academic Council Meeting held on 30.12.2021.**

Dear Sir/Madam,

Kindly find enclosed herewith a copy of the minutes of 14th Academic Council Meeting held on 30.12.2021 for necessary action at your end. You are requested to send your comments (if any) via E-mail on the minutes within 15 days from the date of dispatch of these minutes.

Yours sincerely,

**Member Secretary,**
**Academic Council**

**Encl: Minutes of the Academic Council**

# Proceeding of 14th Academic Council Meeting held on 30.12.2021 in Committee Room of GNDEC

**Following were present:**

1. Dr. SehijpalSingh, Principal cum Chairman Academic Council, GNDEC, Ludhiana
2. Dr. H.S.Rai, HOD(CE) cum CoE, GNDEC, Ludhiana
3. Dr. Kanwardeep Singh, HOD(EE), GNDEC, Ludhiana
4. Dr. Parminder Singh, HOD(CSE), GNDEC, Ludhiana
5. Dr. K.S. Mann, HOD (IT),GNDEC, Ludhiana
6. Dr. Jasmaninder Singh Grewal, HOD(M&PE),GNDEC, Ludhiana
7. Dr. Parampal Singh, HOD (Deptt. of Business Administration),GNDEC, Ludhiana
8. Dr. Arvind Dhingra, Executive Director, STEP, Ludhiana
9. Dr. D.S. Pathania, HOD (App.Sc.), GNDEC, Ludhiana
10. Pf. Jasbir Singh Saini, HOD(MCA), GNDEC, Ludhiana
11. Dr. Harwinder Singh, Professor, Mech. Engg, GNDEC, Ludhiana
12. Dr. Jagbir Singh, Professor, Civil Engg., GNDEC, Ludhiana
13. Dr. Vishawjit Singh Hans, Director, Centre for Energy Studies, PAU, Ludhiana
14. Mr. Jaswinder Singh Bhogal, VP, Uni Parts India Limited, Ludhiana
15. Dr. Prabhjot Kaur, Incharge IKGPTU Mohali Campus & Professor, Architecture Deptt.
16. Sh.Kuldeep Thakur, Assistant Professor (Mathematics), TEQIP Coordinator, Atal Bihari Vajpayee Govt. Institute of Engg.& Tech., Pragatinagar, District Shimla, HP
17. Dr.N.S.Bhangu, Dean Academics-cum Member Secretary, GNDEC,Ludhiana

**Item No.14.01:** **To confirm the minutes of 13th Academic Council Meeting**

As no comments have been received, as such the minutes stand confirmed.

**Item No.14.02:** **Action Taken Report (ATR) on decisions of 13th Academic Council Meeting**

Noted.

**Item No. 14.03:** **Proceedings of BoS of departments**

Approved

**Item No.14.04:** **a) Academic Calendar of August–December 2021 (except B.Tech, M.Tech, MBA, MCA - Admission 2021)**

Approved

**b) Academic Calendar for students admitted in Batch 2021 (except BCA, BBA programs and B.Tech. Lateral Entry):**

Approved

**Item No.14.05:** **Approval of Bifurcation for Evaluation of Training Marks of B.Tech. Programs (Study Scheme 2018) from Nov-2021 exam session onwards**

Approved, T& P Cell will provide the Rubrics for evaluation of industrial training.

**Item No. 14.06:** **Approval of New BOS of Mechanical and Production Engineering Department**

Approved

**Item No. 14.07:** **Starting of one year diploma under autonomous status in STEP of GNDEC**

Approved

**Item No.14.08:** **Proposal for Plagiarism Checking**

Approved

**Item No. 14.09:** **Special Proctored online exam**

Approved, a committee of concerned HoD, TPO and COE nominee will prepare a report and submit the same to principal office for final approval.

**Item No. 14.10:** **End Semester Examination related matters**

1. Pattern of question papers.

a) Ratified
b) Ratified
c) Ratified
d) Ratified

2. Ratified

3. Ratified

4. Moderation of result.
   a) Ratified
   b) Ratified

5. Constitution of appeal committee for UMC.
   Approved

6. Publishing of result at GNDEC level
   Approved

**Item No 14.11:** **Training-I (TR-101) internal assessment criteria for B.Tech.**

Ratified

**Item No. 14.12:** **Extension of last date for M.Tech. Thesis submission**

Ratified

**Item No. 14.13:** **Pattern of Mid Semester Exam-II for Aug-Dec 2021**

Ratified

The meeting ended with vote of thanks.

Member Secretary,
Academic Council

# AGENDA

# 14<sup>th</sup> ACADEMIC COUNCIL MEETING



**on**

**30<sup>th</sup>December, 2021**

**at 11:30 AM**

# Guru Nanak Dev Engineering College, Ludhiana

**An Autonomous College under UGC Act**
**AICTE Approved, Punjab Govt. Aided Status,**
**Affiliated to I.K. Gujral Punjab Tech. University, Jalandhar**

# Agenda of 14<sup>th</sup> Academic Council Meeting of Guru Nanak Dev Engineering College, Ludhiana to be held on 30.12.2021 at 11:30AM in College.

**Item No.14.01**     **To confirm the minutes of 13<sup>th</sup> Academic Council Meeting**

The 13<sup>th</sup>Academic Council meeting was held on 30<sup>th</sup>March, 2021 and the proceedings were circulated to all members of Academic Council for information and comments, if any (copy is enclosed in**Annexure – I**).

*As no comments have been received, so, proceedings stand approved and placed herewith before the Academic Council for confirmation please.*

**Item No.14.02**     **Action Taken Report (ATR) on decisionsof 13<sup>th</sup> Academic CouncilMeeting**

The Action Taken Report (ATR) on the decisions of 13<sup>th</sup>Academic Council meeting held on 30<sup>th</sup>March, 2021is as per **Annexure-II.**

*The item is placed before the Academic Council for information and approval.*

**Item No. 14.03**     **Proceedings of BoS of departments**
The detailed proceedings related to various courses offered by CE, CSE, EE, ECE, IT, M&PE& Doctoral Programsare attached in**Annexure- _____**.

*The item is placed before the Academic Council for approval.*

**Item No.14.04**     **Academic Calendarof August–December2021(except B.Tech,M.Tech, MBA,MCA - Admission 2021)**
[(i) All programs -B.Tech.- 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> year (ii) BCA, BBA – 1<sup>st</sup> year(iii) PG 3<sup>rd</sup> and 5<sup>th</sup> Semester]

| S.No | Description | Dates |
|------|-------------|-------|
| 1. | Commencement of Classes | 06.09.2021 |
| 2. | First Mid Semester Examination | 25.10.2021 to 29.10.2021 |
| 3. | Second Mid Semester Examination | 20.12.2021 to 26.12.2021 |
| 4. | All Programs End Semester Practical Examination | 27.12.2021 to 29.12.2021 |
| 5. | Preparatory Holidays cum Practical Examinations | 31.12.2021 to 05.01.2022 |
| 6. | Start of End Semester Examination | 06.01.2022 |
| 7. | Start of Next Semester | 31.01.2022 |

**Academic Calendar for students admitted in Batch 2021(except BCA, BBA programs and B.Tech. Lateral Entry):**

| S. No. | Description | Dates |
|--------|-------------|-------|
| 1. | Commencement of Classes | 18.10.2021 |
| 2. | First Mid Semester Examinations | 29.12.2021 to 04.01.22 |
| 3. | Second Mid Semester Examination | 31.01.2022 to 04.01.2022 |
| 4. | Practical Examinations | 07.02.2022 to 09.02.2022 |
| 5. | Preparatory Holidays | 10.02.2022 to 16.02.2022 |
| 6. | Start of End Semester Examination | 17.02.2022 |
| 7. | Start of Next Semester | 28.02.2022 |

*The item is placed before the Academic Council for approval.*

**Item No. 14.05:** **Approval of Bifurcation for Evaluation of Training Marks of B.Tech.Programs (Study Scheme 2018) from Nov-2021 exam session onwards**

| Batch | Course Code | Course Title | Internal Marks | External Marks | Remarks |
|-------|-------------|--------------|----------------|----------------|---------|
| 2020-24 | TR-101 | Training-I | **60 Marks**<br>Practical Work = 36 Marks<br>Report= 15 Marks<br>Attendance= 9 Marks<br>(Upto 75% attendance = Nil<br>76% to 80% = 05<br>81% to 85% =06<br>86%to 90% =07<br>91%to 95% =08<br>Above 95% =09) | **40 Marks** | 4-week training After 2$^{nd}$sem. but Evaluation in 3rd Sem. |
| 2019-23 | TR-102 | Training-II | **60 Marks**<br>Report = 20 Marks<br>Presentation= 20 Marks<br>Viva Voce= 20 Marks | **40 Marks** | 4-week training After 4$^{th}$ sem. but Evaluation in 5$^{th}$ Sem. |
| 2018-22 | TR-103 | Training-III | **60 Marks**<br>Report = 20 Marks<br>Presentation= 20 Marks<br>Viva Voce= 20 Marks | **40 Marks** | 4-week training After 6$^{th}$ sem. but Evaluation in 7$^{th}$ Sem. |
| 2018-22 | TR-104 | Industrial Training | **350 Marks**<br>Evaluation by Industry= 150 Marks<br>Attendance= 50 Marks<br>Assessment by visiting Faculty=50 Marks<br>Viva Voce + Presentation=50 Marks<br>Daily Diary & Report=50 Marks<br>(Evaluation by Industry officials must be based upon commitment of student, motivation towards practical work, learning aptitude etc.) | **150 Marks** | One Semester Industrial Training 7$^{th}$/8$^{th}$ Sem. |

**Rubrics to be reframed accordingly**

Proforma for industrial training evaluation is attachedin Annexure_____.

*The item is placed before the Academic Council for approval.*

**Item No. 14.06:** **Approval of New BOSof Mechanical and Production Engineering Department**
**List of members is attached in Annexure___**
*The item is placed before the Academic Council for approval.*

**Item No 14:07:** **Starting of one year diploma under autonomous status in STEP of GNDEC**

Science and Technology Entrepreneurs'Park starts a diploma in CAD and CNC Programming of one year duration under autonomous status.

| Name of Course | Duration | Approved Intake (Seats) | Offering Department | Eligibility |
|---|---|---|---|---|
| CAD and CNC | 1 Year | 30 | Science and Technology Entrepreneurs' Park (STEP) | 10$^{th}$ |

The proposed study Scheme& Syllabus are attached in Annexure__.

*The item is placed before the Academic Council for approval.*

**Item No 14:08:Proposal for Plagiarism checking**

1. Plagiarism of the UG final year project reportwill be checked along with M.Tech Thesis and MBAfinal year project reportthrough Turnitin software.

2. The permissible limit for M.Tech. Thesisand MBA final year project report should be 20% at the mostduring pre-submission.The permissible limit for UG Final year project should 30%at the most.

*The item is placed before the Academic Council for approval.*

**Item No 14:09:** **Proposal for new UG and PG Courses**

It is proposed that new courses may be introduced at undergraduate and post-graduate level with unit capacity as per norms.

| S.No | Course Name | UG/PG | Remarks |
|---|---|---|---|
| 1. | M.Sc. (Chemistry) | PG | NON AICTE |
| 2. | M.Sc. (Physics) | PG | NON AICTE |
| 3. | B.Tech. CSE(Data Science) | UG | AICTE |

*The item is placed before the Academic Council for approval*

**Item No 14:10:**      **Special Proctored online exam**

if a student opts for reputed trainingto be held abroad/overseas thenit is proposed that the student can have facility of online proctored exam as per schedule which will be notified by exambranch.A committee comprising ofConcerned HOD, TPO and COE Nomineeshould be formulated for taking decision on such issues.

Request letter by a student has been attached in Annexure _____.
*The item is placed before the Academic Council for approval.*

**Item No 14:11:**      **Restructure of PG Diploma Course**

All departments have already proposed PG diploma courses with due approval. Further we are planning to restructure these courses as multiple exit courses. It is proposed these courses to be 3 months/6 months certificate course and/or one year PG diploma course.

The viability, industry integration and study scheme of these courses will be decided bya committee comprising of Concerned HOD, concerned PG Coordinator, TPO, Dean Academic Nominee and COE Nominee.

Proposal by EED has been attached in Annexure ___.

*The item is placed before the Academic Council for approval.*

**Item No 14:12:**      **End Semester Examination related matters**

1. Pattern of question papers.

a. Pattern of Question Paper according to Revised Bloom's Taxonomy for UG and PG courses for examination ESE of May-2021 onward. Every paper setter will have to provide a table of mapping of COs with questions asked in the question paper (Where-ever COs are mentioned on the syllabus) and level of difficulty (L1 to L6 as applicable).

Refer Annexure 1a.

b. Pattern of PhD question paper: Since the BoS has changed the scheme of PhD course work, so the Question Paper pattern has been changed as follows: For all theory papers having maximum marks 60, there will be 8 questions of 12 marks each and the student has to attempt any five. While for the subject "Research and Publication Ethics (RPE-01)"; where maximum marks are 30 only, the question paper will contain 9 questions of 5 marks each and the student has to attempt any six from winter session 2020-2021 onward.

ReferAnnexure 1b1 and 1b2.

c. Pattern of Question Paper for BCA program will be as follows: Section A will contain one question, which will have ten sub-questions. Each sub-question will be of 2 marks. Section B will have 6 questions of 10 marks each and the student has to attempt any four.

ReferAnnexure c.

d. Pattern of Question Paper for UG and PG courses for examination online ESEMay-2021 onward: Question paper will contain 9 questions of 10 marks each and the student has to attempt any six and duration of examination will be 2hrs.

ReferAnnexure 1d.

e. Approval for conducting ESE for Nov 2021 session according to the same pattern as in ESE May 2021. The question paper will contain 9 questions of 10 marks each and the student has to attempt any six and the duration of examination will be 2hrs.

ReferAnnexure 1e.

2. Permission to withdraw the revaluation and answer sheet display process due to Covid19 for ESE Nov-2020, May-2021 and Nov 2021online and offline.

Refer Annexure 2.

3. Remuneration Rs. 500/- per question paper converting paper from docx format to Moodle XML format for MPD Exam.

Refer Annexure 3.

4. Moderation of result.

a. Moderation of result: Due to Covid 19 most of the exams were online, but Nov 2020, examinations were offline for 1st year and for 3rd semester (only for LEET students). The result was reviewed by the moderation committee (Board of Examinations (BoE) and disparity is taken care of by moderation of marks, as per the decisions taken by BoE. (Minutes of BoE are attached).

Refer Annexure 4a.

b. The ESE May 2021 was an open book, un-proctored online exam. For regular candidates, the ESE result was prepared by taking into consideration 50% weightage of respective theory internal marks. For reappear candidates, the ESE result was prepared by taking the external marks obtained by the candidate as such.

Refer Annexure 4b.

5. Constitution of appeal committee for UMC.

As approved by the Academic Council, the appeal committee for UMC consists of the existing UMC committee also known as Complaint Redressal Committee (CRC) and the concerned HoD as additional member. It is felt that it will be more appropriate to have the appeal committee with many members different from that of the existing UMC committee. It is proposed that appeal committee with following structure:

a. Chairman: Dean Academics
b. One External expert different from UMC.

c.      HoD of concerned department.

d.      Two Professor / Associate Professor from GNDEC (Internal members), who are not the members of the UMC committee.

6. Publishing of result at GNDEC level

As per approved items (RK/24/85 to 96 dated:07-04-2021 Item No.13.12) Examination Branch was to stop publishing results for ESE w.e.f session May 2021. However, it is bright to the notice of the Examination Branch that this result has benefited many students in admission to other programs and in jobs, as IKGPTU takes considerable time in publishing the result in the majority of the cases. So, it is proposed that publishing of results be continued.

*Theseitemsare placed before the Academic Council for approval*

Following items are put up for ratification:

**Item No 14:13:  Training-I (TR-101) internal assessment criteria for B.Tech.**

Internal assessment criteria related to Training-I (TR-101) for B.Tech.

1. The internal evaluation of Training-I (TR-101) (Total 60 marks) of B.Tech. (2018 scheme) shall be as per following criterion:

| Activity | Maximum Marks |
|---|---|
| Certification exam by Spoken Tutorial, IIT Bombay | 20 |
| Other evaluation criteria | 40 |

**2.** The students have to clear the certification exam conducted by Spoken Tutorial, IIT Bombay in order to get marks out of 20. For those students, who have cleared the exam, the evaluation will be based on their percentage marks awarded in the certification exam.  For example, if a student got 80% marks in certification exam, then he/she will be given 16 marks (80% of 20=16) out of maximum 20 marks. If he/she has not appeared/not qualified the certification exam, then zero marks out of maximum 20 marks will be awarded. For such students the internal evaluation will be based on the remaining 40 marks (60-20=40) only. Only one best examination marks out of Online Tests conducted by Spoken tutorial should be considered for the final evaluation (i.e. 20 marks).

*The item is placed before the Academic Council for ratification.*

**Item No 14:14**      **Extension of last date for M.Tech. Thesis submission**

Last date of M.Tech. Thesis submission for 2019 batch (full-time) and 2018 (part-time) was extended upto 15.09.2021without late fee.

*The item is placed before the Academic Council for ratification.*

**Item No 14:15 Pattern of Mid Semester Exam-II for Aug-Dec 2021**

The second mid semester exam has been conducted online with following pattern of question paper:

   a.  3 questions of 8 marks each for UG, MBA and MCA programs.

   b.  3 questions of 10 marks eachfor PG Engg..

   c.  There will be no choice and mode of exam will be online.


Refer Annexure ___.

*The item is placed before the Academic Council for ratification.*

*Member Secretary,*
*Academic Council*