# GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

## <u>NOTICE</u>

A Meeting of academic council of Guru Nanak Dev Engineering College is scheduled on **27/01/2023** at 10 AM. in Conference hall.All members are requested to attend the meeting.

**Agenda for the Meeting:**

1. Approval of minutes of academic council meeting held on **18/07/2022**

2. Review of Action taken report on decisions taken in academic council meeting held on **18/07/2022.**

3. Target for result of **Even Semester of 2022-23.**

4. Teaching learning process.

5. Students Project Proposals submitted for funding from various agencies

6. Action plan for Enrollment of students to online Courses to promote self learning among students.

7. Open electives for $6^{th}$ semester students of 2018 scheme.

8. Participation of faculty/staff in FDP.

9. Academic calendar for Even Semester for academic year 2022 -23.

10. AICTE Activity Points.

11. Any other matter with the permission of the chair.

Principal
**PRINCIPAL**
Guru Nanak Dev Engg. College, Bidar

To,

    All the members of Academic Council, GNDEC, BIDAR

Copy to:

1. Chairman, GNDECB
2. Vice Chair Person, GNDECB

# GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

No. GNDECB/AC /2022-23/                                  DATE: **30/01/2023**

## ACADEMIC COUNCIL
### Minutes of the meeting

A Meeting of Academic Council of Guru Nanak Dev Engineering College is conducted on 27/01/2023 at 10 AM. in Conference hall. Meeting was chaired by Principal, GNDECB.

**Agenda for the Meeting:**

1. Approval of minutes of academic council meeting held on 22/07/2022
2. Review of Action taken report on decisions taken in academic council meeting held on 22/07/2022
3. Target of result for Even Semester of 2022-23.
4. Teaching learning process.
5. Students Project Proposals submitted for funding from various agencies
6. Enrollment of students to online Courses to promote self learning among students.
7. Open electives for 6$^{th}$ semester students of 2018 scheme.
8. Participation of faculty/staff in FDP.
9. Academic calendar for Even Semester for academic year 2022 -23.
10. AICTE Activity Points.
11. Any other matter with the permission of the chair.

Following members of academic council were present for the meeting:

1. Dr. Dr. Dhananjay M, Principal GNDEC      - Chairman
2. Dr. B. B. Kori, HOD Civil Engg.      - Member
3. Dr. Dayanand J, HOD, CSE, GNDEC      - Member
4. Dr. Neelashetty K., HOD E&EE, GNDEC      - Member
5. Prof. Prasad K K, HOD, Mech. Engg      - Member
6. Dr. Kishan Singh HOD E & CE, GNDEC      - Member
7. Prof. Madhav Nirgude, HOD, ISE, GNDEC      - Member
8. Prof. Jyothi A, HOD MBA, GNDEC      - Member
9. Dr. Pradeep Singa, Asso. Prof., Civil Engg.      - Member
10. Dr. Anuradha S ECE.      - Member

**PRINCIPAL**
Guru Nanak Dev Engg. College, Bidar

11. Prof. Umashankar Civil          -         Member

12. Prof. Durga Prasad            -         Member

13. Dr. Sindhu S.,Dean Academics        - Member convener

During the meeting, Dr. Dhananjay M, Principal GNDECB, warmly welcomed all attendees and provided an overview of the meeting's agenda. Subsequently, the participants engaged in discussions and made decisions on the following points.

**Agenda No. 1: Approval of minutes of academic council meeting held on 18/07/2022**

The minutes of the academic council meeting held on 18/07/2022, were shared with all members, and no suggestions for modifications were received. Consequently, the meeting minutes were approved without any changes.

**Agenda No 2: Review of Action taken report on decisions taken in academic council meeting held on 18/7/2022**

**Teaching learning process**

A) Departments have solidified their event calendars, aligning various activities with the institutional academic schedule.

B) The Head of the Department (HOD) and members of the Program Advisory Committee (PAC) diligently oversaw teaching-learning activities, ensuring adherence to guidelines, with classes conducted in offline mode.

C) Student learning experiences have been enriched through innovative methods like flip classes, project-based learning, and collaborative approaches.

D) Across all departments, syllabus coverage was nearly perfect at almost 100%, meeting and exceeding expectations with high satisfaction.

E) Continuous Internal Evaluation (CIE) question papers demonstrated excellence, maintaining alignment with prescribed standards and evaluation schemes.

F) Feedback collected via a Google form indicates students' satisfaction with both the Teaching-Learning process and the faculty's performance.

**Faculty participation in FDP/ Seminars/webinar etc is as follows.**

Details of Faculty participation in FDP/ Seminars/webinar etc during Odd semester 2022-23 are shown below

| Sl. No | Name of the department | Total No of FDP/ Seminars/webinar attended |
|---|---|---|
| 1 | ME | 4 |

| 2 | CV | 15 |
|---|---|---|
| 3 | CSE | 13 |
| 4 | EEE | 06 |
| 5 | ECE | 20 |
| 6 | ISE | 33 |
| 7 | AIML | 17 |
| 8 | Appl.Sc and Hum | 15 |

The principal proposed organizing a more number of seminar, workshop, or faculty development program (FDP) at our institute.

**Students project proposals Submitted to KSCST/ VTU for funding**

Total 64 students project proposals are sent for funding from KSCST and the details are as under

| Sl. No | Name of the department | Total No of students proposals sent for funding from KSCST/VTU |
|---|---|---|
| 1 | ME | 08 |
| 2 | CV | 10 |
| 3 | CSE | 20 |
| 4 | EEE | 09 |
| 5 | ECE | 11 |
| 6 | ISE | 07 |
| | Total | 65 |

The principal praised all the departments for their dedicated efforts in assisting students with their project proposals for KSCST funding. Additionally, the principal directed each department to motivate BE VI Sem students to select mini project topics with an interdisciplinary approach, ensuring they can potentially expand these topics into main projects later on.

**Enrollment of students to MOOCs and NPTEL courses:**

Enrollment of students to MOOCs and NPTEL courses to during odd semester of 2022-23 mentioned here under

| Sl. No | Name of the department | Total No courses registered by students and faculty offered by NPTEL |
|---|---|---|
| 1 | ME | 23 |
| 2 | CV | 105 |
| 3 | CSE | 50 |
| 4 | EEE | 50 |
| 5 | ECE | 02 |
| 6 | ISE | 03 |
| 7 | MBA | 20 |
| 8 | AIML | 10 |
| 8 | Appl. Sc and Hum | 105 |

The Principal has instructed the Heads of Departments (HODs) to encourage eligible students to enroll in MOOC courses aligned with VTU guidelines to pursue their BE Degree with honors exams due to the positive enrollment trend of students and staff in NPTEL courses.

**Review of Usage of Virtual Lab.**

All departments have utilized virtual labs for conduction of online laboratory classes. The details are as under

| Sl. No | Name of the department | Name of the course in which virtual labs are used in odd semester of academic year 2022-23 |
|---|---|---|
| 1 | ME | ... |
| 2 | CV | ENVIRONMENTAL LAB, FLUID MECHANICS, BUILDING MATERIAL TESTING. |
| 3 | CSE | Analog & Digital Electronics Lab |
| 4 | EEE | Electrical Circuit Analysis, Signal & Systems |
| 5 | ECE | Digital System Design using Verilog, Analog Electronic Circuits |
| 6 | ISE | Nil |

**Encouraging bright students for Honorary degree from VTU:**

Bright students from all the departments are encouraged to register for SWAYAM and NPTEL courses, so that they can be awarded with honorary degree. The details of the same are as under

| Sl. No | Name of the department | No of students registered for Honorary degree |
|---|---|---|
| 1 | ME | --- |
| 2 | CV | ---- |
| 3 | CSE | 06 |
| 4 | EEE | Nil |
| 5 | ECE | ----- |
| 6 | ISE | Nil |

**Industrial visits for students:**

The principal recommended that all Heads of Departments (HODs) coordinate and plan an industry visit for the 8th-semester students.

Review of results of even semester VIII Semester of 2020-21 against the target

| Sl. No. | Branch | Target % | Pass % |
|---|---|---|---|
| 1 | ME | 100 | 95.55% |
| 2 | CV | 100 | 89% |
| 3 | CSE | 100 | 97.5% |
| 4 | EEE | 100 | 96% |

| 5 | ECE | 100 | 84.3% |
|---|-----|-----|-------|
| 6 | ISE | 100 | 80 |

MBA IV semester             **2020-21**

| Sl. No. | Target % | Pass % |
|---------|----------|--------|
| 1 | 85 | 60.71% |

Results of BE VIII semester of all the depts is satisfactory. However, result of MBA II semester is poor. Hence HOD MBA is asked to find the reason for poor result and take corrective action.

**Agenda No 3 Target of result of Even Semester of 2021-22:**

Target for Even Semester 2022-23

**B.E. VIII$^{th}$ Semester**

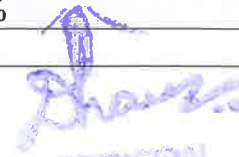| Sl. No. | Branch | Pass % | Target % |
|---------|--------|--------|----------|
| 1 | ME | 78.57% | 90% |
| 2 | CV | 89.65% | 80% |
| 3 | CSE | 93.08% | 95% |
| 4 | EEE | 93% | 100% |
| 5 | ECE | 95% | 100% |
| 6 | ISE | 95 | 90 |

**Result Analysis of Even Semester of 2021-22 and Target for Even Semester of 2022-23**

**B.E. VIth Semester**

| Sl. No. | Branch | Pass % | Target % |
|---------|--------|--------|----------|
| 1 | ME | 26.31% | 45% |
| 2 | CV | 72.72% | 70% |
| 3 | CSE | 76.61% | 75% |
| 4 | EEE | 50% | 70% |
| 5 | ECE | 64% | 70% |
| 6 | ISE | 46% | 65% |

**B.E. IVth Semester  - Waiting**

| Sl.No. | Branch | Pass % | Target |
|--------|--------|--------|--------|
| 1 | ME | | 60% |
| 2 | CV | | 50% |
| 3 | CSE | | 60% |
| 4 | EEE | | 60% |
| 5 | ECE | | 60% |
| 6 | ISE | | 60 |

| 7 | AIML | Res - Waiting | 65% |
|---|------|---------------|-----|

## II semester

| Sl.No. | Branch | Pass % | Target |
|--------|--------|--------|--------|
| 1 | II sem | | |

## PG (II semester)

| Sl.No. | Branch | Pass % | Target 2022-23 |
|--------|--------|--------|----------------|
| 1 | CSE | 100% | 100% |
| 2 | ECE | 60% | 70% |
| 3 | MBA | 80.76% | 70% |

## PG (IV semester)

| Sl. No. | Branch | Pass % | Target 2022-23 |
|---------|--------|--------|----------------|
| 1 | MBA | 93.33% | 85% |
| 2 | CSE | 100% | 100% |
| 3 | ECE | 100% | 100% |
| 4 | | | |

**Agenda No 4. Teaching Learning Process:**

The Principal's instruction to all departments is to strictly follow the academic calendar for Teaching-Learning activities and utilize innovative methods to enhance student learning.

**Agenda No 5. Students Project Proposals submitted for funding from various agencies:**

The decision has been made to actively seek additional avenues for securing funding for student projects. In light of this, all Heads of Departments (HODs) are requested to explore and identify potential opportunities for project funding

.**Agenda No 6. Action plan for Enrollment of students to online Courses to promote self learning among students.**

It is decided to advice the students to use following websites for enrollment various courses for self-learning.

1. https://www.udemy.com/
2. https://www.futurelearn.com/
3. https://www.cdeep.iitb.ac.in/vod/vodCloud/login.php -https://www.iitbombayx.in/

4. https://www.edx.org/ https://github.com/connectaditya/edX-financial-aid-Application

5. https://www.coursera.org https://github.com/connectaditya/Financial-AID-application-for-coursera-

The goal is to encourage talented students from various departments to enroll in courses from the mentioned websites.

## Agenda No. 7. Open Electives for 6th semester students of 2018 scheme:

Dean Academics, Dr. Sindhu S, conveyed to the council that, in accordance with VTU guidelines, students of the 2018 scheme are required to choose one open elective in the sixth semester from a specified list. It is a condition that students opt for an open elective offered by the board of studies in a discipline other than their own. Dr. Sindhu S further urged all Heads of Departments (HODs) to appoint an open elective coordinator who will brief students on the VTU guidelines. Additionally, HODs are requested to identify faculty members capable of handling these electives. Dr. Anoop Elia suggested a special emphasis on educating students, particularly those in Mechanical Engineering and Civil Engineering disciplines, to consider open electives from the Computer Science board of studies. This strategic choice aims to enhance the chances of students from these disciplines securing placements in software companies.

## Agenda No. 8. Participation of faculty/staff in FDP:

The principal has made a proactive decision to encourage the adoption of NPTEL courses among both faculty and students. All departments are urged to prioritize the participation of a maximum number of faculty and staff in development programs while ensuring minimal disruption to ongoing academic activities. Furthermore, faculty and staff are encouraged to register on the 'ARPRIT' portal for FDP/SDP online programs, expanding their opportunities for professional growth.

## Agenda No. 9. Academic calendar for Even Semester for academic year 2021 -22:

The Dean Academics will prepare an academic calendar for the even semester of 2022-23 following VTU guidelines, and the Heads of Departments (HODs) have been notified to strictly comply with it for conducting all academic activities within their departments.
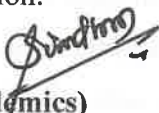
PRINCIPAL
Guru Nanak Dev Engg. College, Bidar

**Agenda No. 10. AICTE Activity Points:**

In response to the circular issued by VTU, the 2018 batch students are now required to earn 75 activity points instead of the initially prescribed 100, as per the AICTE regulations. The revision was made due to the impact of COVID-19. The Dean (academics) has requested all HODs to adjust the activities accordingly for the VI semester students.

**Agenda No. 11. Any other matter with the permission of the chair:**

The meeting came to an end with the chair's approval, as there were no topics left for discussion.

**Dean (Academics)**                                                                 **Principal**

To

1. All members of Academic Council, GNDEC, BIDAR
2. Convener, IQAC

Copy to:-

1) The Hon'able Chairman for his kind information.
2) The Hon'able Vice Chairperson for kind information.