



## GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

### NOTICE

25/02/2022

A Meeting of academic council of Guru Nanak Dev Engineering College is convened on 10/03/2022 at 10 AM. in Conference hall.

#### Agenda for the Meeting:

1. Approval of minutes of academic council meeting held on 09/09/2021.
2. Review of Action taken report on decisions taken in academic council meeting held on 09/09/2021.
3. Target for result of Even Semester of 2021-22.
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<sup>th</sup> semester students of 2018 scheme.
8. Participation of faculty/staff in FDP.
9. Academic calendar for Even Semester for academic year 2021 -22.
10. AICTE Activity Points.
11. Any other matter with the permission of the chair.

  
Principal

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 /2021-22/

DATE: 10-03-2022

**ACADEMIC COUNCIL**

**Minutes of the meeting**

A Meeting of Academic Council of Guru Nanak Dev Engineering College is conducted on 10/03/2022 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 09/09/2021.
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3. Target of result for Even Semester of 2021-22.
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6. Enrollment of students to online Courses to promote self learning among students.
7. Open electives for 6<sup>th</sup> semester students of 2018 scheme.
8. Participation of faculty/staff in FDP.
9. Academic calendar for Even Semester for academic year 2021 -22.
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. Ravindra Eklarker, 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. Md. Bakhar HOD E & CE, GNDEC          | - Member   |
| 7. Prof. Madhav Nirgude, HOD, ISE, GNDEC     | - Member   |
| 8. Dr. Sindhu S., HOD Applied science, GNDEC | - Member   |
| 9. Prof. Jyothi A, HOD MBA, GNDEC            | - Member   |
| 10. Dr. Dhananjay M, Prof, CSE, GNDEC        | - Member   |

11. Dr. Pradeep Singa, Asso. Prof., Civil Engg. - Member  
12. Prof. Shubha Kulkarni, Asst. Prof. EEE. - Member  
13. Dr. Nandkishore, Dean Academics - Member convener

Dr. Ravindra E, Principal GNDECB welcomed all members for the meeting and briefed the agenda of the meeting. The following points were discussed and decisions were taken:

**Agenda No. 1: Approval of minutes of academic council meeting held on 09/09/2021.**

All the minutes of academic council meeting held 09/09/2021 were circulated among all members and no suggestion was received from any member for any modifications in minutes meeting. Hence the minutes of meeting were approved.

**Agenda No 2: Review of Action taken report on decisions taken in academic council meeting held on 09/09/2021.**

**Teaching learning process**

- A) With reference to the institutional academic calendar, all departments have prepared their calendar of events for carrying various activities in their departments.
- B) Teaching learning activity was properly monitored by HOD and PAC members as per guidelines. The classes are being engaged in off line mode.
- C) Innovative methods like flip class, model demonstration and group discussions are used for better learning of students.
- D) Syllabus coverage was satisfactory and almost 100% in all the departments.
- E) The Quality of CIE question papers as well as scheme of evaluations were as per standards and evaluation is done as per scheme.
- F) Feedbacks from students on Teaching Learning process and faculty performance were collected through google form and it is found that students are satisfied with Teaching Learning process and performance of faculty.

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

Details of Faculty participation in FDP/ Seminars/webinar etc during Odd semester 2021-22 are shown below

Sl. No	Name of the department	Total No of FDP/ Seminars/webinar attended
1	ME	35
2	CV	88
3	CSE	46
4	EEE	26

5	ECE	68
6	ISE	22
7	Appl.Sc and Hum	51

Principal suggested to plan for conduction seminar/ workshop/ FDP in 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	12
2	CV	18
3	CSE	09
4	EEE	09
5	ECE	11
6	ISE	05
	Total	64

Principal appreciated all the departments for their efforts to guide the students for sending their project proposals for funding by KSCST. Further, principal instructed all the depts. to encourage the students of BE VI Sem to choose mini project topics of inter disciplinary nature. the mini project topics should be such that students can do the main project on these topics.

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

Enrollment of students to MOOCs and NPTEL courses to during odd semester of 2021-22 mentioned here under

Sl. No	Name of the department	Total No courses registered by students and faculty offered by NPTEL
1	ME	81
2	CV	181
3	CSE	93
4	EEE	49
5	ECE	117
6	ISE	04
7	MBA	04
8	Appl. Sc and Hum	04

The Enrollment of students and staff for courses offered through NPTEL is good. Principal has asked HODs to motivate the students who are eligible to obtain BE Degree with honors exams by selecting MOOC courses as per VTU guidelines.

### 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 2020-21
1	ME	Fluid Mechanics, Applied thermodynamics
2	CV	CHM lab, environmental lab, strength of Materials lab
3	CSE	Data Structure
4	EEE	Relay and High Voltage lab, Electrical Machine - lab
5	ECE	Digital System Design
6	ISE	Data Structure

### 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 asunder

Sl. No	Name of the department	No of students registered for Honorary degree
1	ME	---
2	CV	02
3	CSE	08
4	EEE	---
5	ECE	---
6	ISE	---

### Industrial visits for students:

Principal Suggested HOD's of all departments to plan for Industry visit for 8<sup>th</sup> semester students.

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

Sl. No.	Branch	Target %	Pass %
1	ME	100	96
2	CV	100	86
3	CSE	100	98
4	EEE	100	96
5	ECE	100	84
6	ISE	100	100

MBA IV semester

Sl. No.	Target %	Pass %
1	85	61

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:**

Due to COVID pandemic, external exams during even semester of 2019-20 (for B. E. II, IV and VI sem) were not conducted by VTU. Therefore, the results of even semester of 2018-19 for these semesters and 2020-21 for B. E. VIII semester and MBA IV semester are considered for fixing targets of result for even semester of 2021-22. Dr. Ravindra Eklarkar was of opinion that all departments should identify such critical courses and take necessary steps to conduct additional classes so that results can be improved.

#### **Target for Even Semester 2021-22**

##### **B.E. VIII<sup>th</sup> Semester**

Sl. No.	Branch	Pass %	Target %
1	ME	96	100
2	CV	86	100
3	CSE	98	100
4	EEE	96	100
5	ECE	84	100
6	ISE	100	100

### **Result Analysis of Even Semester of 2018-19 and Target for Even Semester of 2021-22**

##### **B.E. VI<sup>th</sup> Semester**

Sl. No.	Branch	Pass %	Target %
1	ME	38	65
2	CV	94.49	100
3	CSE	80.50	90
4	EEE	80.35	90
5	ECE	82.7	85
6	ISE	76	85

##### **B.E. IV<sup>th</sup> Semester**

Sl.No.	Branch	Pass %	Target
1	ME	41.74	60
2	CV	66.60	70
3	CSE	41.80	60
4	EEE	60	70
5	ECE	50	60
6	ISE	17	50

## II semester

Sl.No.	Branch	Pass %	Target
1	II sem	42.69	55

## PG (II semester)

Sl.No.	Branch	Pass %	Target
1	ME		----
2	CSE	100	100
3	ECE	100	100
4	MBA	60	65

## PG (IV semester)

Sl. No.	Branch	Pass %	Target
1	MBA	61	85

### Agenda No 4. Teaching Learning Process:

Principal instructed all the departments to strictly adhere to the academic calendar for completing the Teaching Learning activities

The innovative methods like should be used in all the departments to improve the learning by students.

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

It is decided to explore more avenues for sending students projects for funding. In this regard, all HODs are asked to explore the possibilities.

### 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.coursera.org> <https://github.com/connectaditya/Financial-AID-application-for-coursera->
2. <https://www.edx.org/> <https://github.com/connectaditya/edX-financial-aid-Application>
3. <https://www.udemy.com/>
4. <https://www.futurelearn.com/>
5. <https://www.cdeep.iitb.ac.in/vod/vodCloud/login.php> -<https://www.iitbombayx.in/>



It is resolved to motivate bright students from respective departments to take up courses from above sites.

**Agenda No. 7. Open Electives for 6<sup>th</sup> semester students of 2018 scheme:**

Dr. Nandkishore. D. Rao, informed the council that as per VTU guidelines, students of 2018 scheme have to opt one open elective in sixth semester from following list. Subject to conditions that, students should opt the open elective offered by board of studies of discipline other than their own discipline. Further, he requested all HODs to nominate the open elective coordinator to brief the VTU guidelines to the students. They are also requested to identify the faculty who can handle these electives. Prasad K.K. suggested to educate the students specially from Mechanical Engg and Civil Engineering disciplines to choose open electives from computer science board of studies, so that chances for students from these disciplines getting placement in software companies will be bright.

Sl. No	Dept.	Course Code	Course Title
1	EEE	18EE651	Industrial Servo Control Systems
2		18EE652	PLC and SCADA
3		18EE653	Renewable Energy Resources
4		18EE654	Introduction to Data Analytics
5	ECE	18EC651	Signal processing
6		18EC652	Sensors and signal conditioning
7		18EC653	Virtual Instrumentation
8		18EC654	Microcontroller
9		18EC655	Basic VLSI Design
10	ME	18ME651	Non-Conventional Energy Sources
11		18ME652	World Class Manufacturing
12		18ME653	Supply Chain Management
13		18ME654	Advanced Materials Technology
14	CIV	18CV651	Remote sensing and GIS
15		18CV652	Traffic Engineering
16		18CV653	Occupational health and safety
17		18CV654	Sustainability concepts in Civil Engineering
18		18CV655	Intelligent Transportation Systems
19		18CV656	Conservation of Natural Resources
20	CSE	18CS651	Mobile Application Development
21		18CS652	Introduction to Data Structure And Algorithms
22		18CS653	Programming in JAVA
23		18CS654	Introduction to Operating System



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

It is decided to encourage the faculty as well as students to take up the courses from NPTEL to enhance their knowledge and skill., principal asked all the departments to depute maximum number of faculty/ staff to development programmes as far as possible without affecting the academic activities in their dept. Also faculty/staff can register on 'ARPRIT' portal for FDP/SDP for online programmes.

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

As per the VTU guidelines Dean Academics will prepare academic calendar for even semester of 2021-22. The HODs are informed to strictly adhere to the academic calendar for carrying out various academic activities in the dept.

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

With reference to the circular from VTU, 2018 batch students have to earn 75 activity points prescribed by AICTE for award of degree instead of 100. Further, due to COVID-19, VTU has revised the regulations that students should earn only 50 activity points instead of 75. Dean (academics) requested all HODs to plan the activities accordingly for VI semester students.

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

Since there were no topics to discuss, the meeting was concluded with the permission of the chair.

  
**Dean (Academics)**

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.





# GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

## ACADEMIC COUNCIL

### Attendance

Date: 10/03/2022

Time : 10 AM

Venue: Conference Hall

Sl. No.	Name of the Faculty	Designation	Signature
1	Dr. Ravindra Eklarkar	Principal	
2	Dr. B. B. Kori	HOD Civil Engg	
3	Dr. Dayanand J	HOD CSE	
4	Dr. Neelashetty K.	HOD E&EE	
5	Prof. Prasad K. K.	HOD, Mech Engg	
6	Dr. Md. Bakhar	Prof. ECE	
7	Prof. Madhav Nirgude	HOD. ISE	
8	Dr. Sindhu. S.	HOD Applied Sc. and Hum.	
9	Prof. Jyoti A	HOD MBA	
10	Dr. Dhananjay M	Prof, CSE	
11	Dr. Veerendra. D.	Asso. Prof, E &CE	
12	Dr. Pradeep Singa	Asso. Prof. Civil Engg	
13	Shubha Kulkarni	Asst. Prof, E &EE	
14	Dr. Nandkishore	Dean Academics	

Dean Academics