GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

NOTICE	25/02/2021

A Meeting of academic council of Guru Nanak Dev Engineering College is convened on 03/03/2021 at 2:30 PM. in Conference hall.

Agenda for the Meeting:

1. Approval of minutes of academic council meeting held on 12/08/2020.
2. Review of Action taken report on decisions taken in academic council meeting held on 12/08/2020.
3. Review of result analysis of even semester of 2018-19 and fixing target of result for even semester of 2020-21.
4. Teaching learning process.
5. Students Project Proposals submitted for funding from various agencies
6. Action plan for Enrollment of students to MOOCs, NPTEL and other Courses to promote self learning among students.
7. Action plan for utilizing Virtual Lab.
8. Action plan for Encouraging bright students for honorary degree from VTU.
9. Open electives for 6th semester students of 2018 scheme.
10. Action plan for arrangement of industrial visits for 8th semester students.
11. Participation of faculty/staff in FDP.
12. Academic calendar for even semester for academic year 2020 -21.
13. AICTE Activity Points.
14. Any other matter with the permission of the chair.
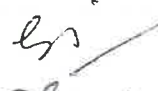
Dean (Academics)

To,

All the members of Academic Council, GNDEC, BIDAR

Copy to:

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

1. Madhav N.

Ramesh. patil

B. B. losi

Sindhus

Dr. Neelkhetty K

Shelpa Kulkarni

Pranav K K

Pradeep Singa

Dr. Sanjay patil

Dayanand J

Jyoti A

Dhananjay

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

No. GNDECB/AC /2020-21/   DATE: 05-03-2021

ACADEMIC COUNCIL

Minutes of the meeting

A Meeting of Academic Council of Guru Nanak Dev Engineering College is conducted on 03-03-2021 at 2:30 PM. in Conference hall. Meeting was chaired by Principal, GNDECB.

Agenda for the Meeting:

1. Approval of minutes of academic council meeting held on 12/08/2020.

2. Review of Action taken report on decisions taken in academic council meeting held on 12/08/2020.

3. Review of result analysis of even semester of 2018-19 and fixing target of result for even semester of 2020-21.

4. Teaching learning process.

5. Students Project Proposals submitted for funding from various agencies

6. Action plan for Enrollment of students to MOOCs, NPTEL and other Courses to promote self learning among students.

7. Action plan for utilizing Virtual Lab.

8. Action plan for Encouraging bright students for honorary degree from VTU.

9. Open electives for 6th semester students of 2018 scheme.

10. Action plan for arrangement of industrial visits for 8th semester students.

11. Participation of faculty/staff in FDP.

12. Academic calendar for even semester for academic year 2020 -21.

13. AICTE Activity Points.

14. 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. K K Prasad, HOD, Mech Engg — Member
6. Ramesh Patil HOD, GNDEC — Member
7. Prof. Madhav Nirgude, HOD, ISE, GNDEC — Member
8. Dr. Sindhu, 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. Dr. Sanjay Patil, Prof. Mech, — Member
13. Prof. Shubha Kulkarni, Asst. Prof. EEE, — Member
14. Dr. Nandkishore, Dean Academics, GNDEC Bidar — Member convener

Leave of absence is granted to Dr. Dhanoranjan Choudhary

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 12-08-2020.

All the minutes of academic council meeting held 12-08-2020 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 12-08-2020.

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 on online mode and blended mode as per VTU guidelines.

C) Online classes are being engaged using power point presentation, videos, live streaming of classes through Microsoft team cloud app. Innovative methods like flip class, model demonstration and Virtual laboratories are also 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.

G) Review of results of even semester VIII Semester of 2019-20 against the target

B.E. VIIIth Semester

Sl.No.	Branch	Target %	Pass %
1	ME	100	94.7
2	CV	100	98.13
3	CSE	100	100
4	EEE	100	100
5	ECE	100	95
6	ISE	100	100

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

Details of Faculty participation in FDP/ Seminars/webinar etc during 2020-21 Odd semester is shown below

Sl. No	Name of the department	Total No of FDP/ Seminars/webinar attended
1	ME	20
2	CV	19
3	CSE	20
4	EEE	08
5	ECE	15
6	ISE	04
7	MBA	12

Principal suggested to plan for conduction seminar/ workshop/ FDP in our institute.

Students project proposals Submitted to KSCST/ VTU for funding

Total 65 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	12
3	CSE	14
4	EEE	09
5	ECE	09
6	ISE	09
	Total	65

Principal appreciated all the departments for their efforts to guide the students for sending their project proposals for funding by KSCST, he also suggested to encourage the students take up intra department projects.

Enrollment of students to MOOCs and NPTEL courses:

Enrollment of students to MOOCs and NPTEL courses to during odd semester of 2020-21 mentioned here under

Sl. No	Name of the department	Total No of students registered for MOOCs and NPTEL
1	ME	170
2	CV	387
3	CSE	329
4	EEE	109
5	ECE	153
6	ISE	52
7	Total	1200

The Enrollment of students for above courses 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 - 1 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 for earning 20 additional credits 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	03
3	CSE	01
4	EEE	03
5	ECE	04
6	ISE	--

Industrial visits for students:

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

Agenda No 3 Review of result analysis of even semester of 2018-19 and fixing target of result of even semester of 2020-21:

Due to COVID pandemic, external exams of BE II, IV and VI of 2019-20 were not conducted by VTU. However, BE VIII semester exams were conducted as this result is very important for future career. Therefore, the results of BE II, IV and VI of 2018-19 were analyzed for fixing targets of result for forth coming even semester. It is pointed out by all the HODs that during academic year 2018-19, at fourth semester level, results were lower as compared to higher semester due to one or two critical courses. Dr. Ravindra Eklarkar and Dr. Nandkishore D. Rao were of opinion that all departments should identify such critical courses and take necessary steps to conduct additional classes so that results can be improved. After due discussion with all members fixed result targets for IV, VI and VIII semester of 2020-21 as mentioned in below table.

Result Analysis of Even Semester 2019-20 and Target for Even Semester 2020-21

B.E. VIIIth Semester

Sl.No.	Branch	Pass %	Target %
1	ME	94.7	100
2	CV	98.13	100
3	CSE	100	100
4	EEE	100	100
5	ECE	95	100
6	ISE	100	100

Result Analysis of Even Semester 2018-19 and Target for Even Semester of 2020-21

B.E. VIth 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. IVth 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	66.60	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 MOOCs, NPTEL and other 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://open.sap.com/

6. 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. Action plan for utilizing the Virtual Lab:

All the departments have decided to use Virtual labs for conduction of Laboratory classes.

Agenda No 8. Action plan for Encouraging Bright students for honorary degree from VTU:

As per VTU guidelines, students with CGPA of 8.5 can be awarded with honorary degree from VTU, if they Earn 20 additional credits by completing various courses from SWAYAM and NPTEL certified by VTU. Principal urged all the departments to enroll at least 5 students/ all eligible students for honorary degree.

Agenda No 9. Open Electives for 6th 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.

Sl.No	Dept.	Course Code	Course Title
1	EEE	18EE651	Industrial Servo Control Systems
2		18EE652	PLC and SCADA
3		18EE653	Renewable Energy Systems
4		18EE654	Testing and Commissioning of Electrical Equipment
5	ECE	18EC651	Signal processing
6		18EC652	Sensors and signal conditioning
7	ME	18ME651	Non-Conventional Energy Sources
8		18ME652	World Class Manufacturing
9		18ME653	Supply Chain Management
10		18ME654	Advanced Materials Technology
11	CIV	18CV651	Remote sensing and GIS
12		18CV652	Traffic Engineering
13		18CV653	Occupational health and safety

14		18CV654	Sustainability concepts in Civil Engineering
15		18CS651	Mobile Application Development
16	CSE	18CS652	Introduction to Data Structure and Algorithms
17		18CS653	Programming in JAVA
18		18CS654	Introduction to Operating System

Agenda No 10. Action plan for arrangement of industrial visits for 8th semester students:

As industrial visits for students give them first hand information about technology, methods, practices carried out in industry. Therefore, all departments have decided to arrange at least one industrial visit for 8th semester students in fourth coming semester.

Agenda No 11. Participation of faculty/staff in FDP:

As participation of faculty/staff in development programme enhances their knowledge which will help to improve teaching learning process. Hence, 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 12. Academic calendar for even semester for academic year 2020 -21:

As per the VTU guidelines, academic calendar for even semester of 2020-21 batch and schedule from cultural and sports committee, dean academics will prepare academic calendar for even semester of 2020-21 batch. The HODs are informed to strictly adhere to the academic calendar for carrying out various academic activities in the dept.

Agenda No 13. 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. Dean (academics) requested all HODs to plan the activities accordingly in fourth coming semester.

Agenda No 14. 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: 03/03/2021   Time: 2:30 PM

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. Neelshetty K.	HOD E&EE.,	
5	Dr. Dhanorajan Choudhary	Prof. Mech Engg	
6	Ramesh Patil	HOD, ECE	
7	Madhav Nirgude	HOD, ISE	
8	Dr. Sindhu. S.	HOD Applied Science and Hum.	
9	Prof. Jyoti A	HOD MBA	
10	Dr. Dhananjay M	Prof., CSE	
11	Dr. Sanjay Patil	Prof. Mech	
12	Dr. Pradeep Singa	Asso. Prof. Civil Engg	
13	Shubha Kulkarni	Asst. Prof, E &EE	
14	Dr. Nandkishore	Dean Academics	

Dean (Academics)