GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

No. GNDECB/AC/2021-22/   DATE: 06-09-2021

NOTICE

A Meeting of academic council of Guru Nanak Dev Engineering College is convened by Principal on 09/09/2021 at 2:30 PM. in Conference hall.

Agenda for the Meeting:

1. Approval of minutes of academic council meeting held on 03/03/2021.

2. Review of Action taken report on decisions taken in academic council meeting held on 03/03/2021.

3. Review of result analysis of odd semester of academic year 2020-21 and fixing target of result for odd semester of 2021-22.

4. Monitoring of teaching learning process.

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

6. AICTE Activity points

7. Action plan on utilization of Virtual Lab.

8. Industrial visits for 7th semester students.

9. Participation of faculty/staff in FDP, workshops, etc.

10. Academic calendar for odd semester for academic year 2021 -22.

11. Action plan to encourage bright students for honorary degree of VTU.

12. Faculty/staff performance

13. Infrastructure/ laboratory requirement

14. Offering open electives for 7th semester students of 2018 scheme.

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

Dean (Academics)

To,
All members of Academic Council, GNDEC, BIDAR

ACADEMIC COUNCIL

Minutes of the meeting

A Meeting of Academic Council of Guru Nanak Dev Engineering College is conducted on 09/09/2021 at 2:30 PM. in Conference hall the Meeting was chaired by Principal, GNDECB.

Agenda for the Meeting:

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2. Review of Action taken report on decisions taken in academic council meeting held on 03/03/2021.
3. Review of result analysis of odd semester of academic year 2020-21 and fixing target of result for odd semester of 2021-22.
4. Monitoring of teaching learning process.
5. Action plan for Enrollment of students to MOOCs, NPTEL and other Courses to promote self learning among students.
6. AICTE Activity points
7. Action plan on utilization of Virtual Lab.
8. Industrial visits for 7th semester students.
9. Participation of faculty/staff in FDP, workshops, etc.
10. Academic calendar for odd semester for academic year 2021 -22.
11. Action plan to encourage bright students for honorary degree of VTU.
12. Faculty/staff performance
13. Infrastructure/ laboratory requirement
14. Offering open electives for 7th semester students of 2018 scheme.
15. 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. Prof. Prasad K. K. , HOD Mech GNDEC   - Member
5. Dr. Sindhu S. , HOD Appl. Sc and Hum. GNDEC   - Member

6. Dr. Neelashetty K, HOD E&EE, GNDEC   - Member
7. Prof. Md. Bakhar HOD ECE, GNDEC   - Member
8. Prof. Madhav Nirgude, HOD, ISE, GNDEC   - Member
9. Prof. Jyothi A, HOD MBA, GNDEC   - Member
10. Dr. Dhananjay M, Prof, CSE, GNDEC   - Member
11. Dr. Veerendra. D, Asso. Prof, E &CE, GNDEC   - Member
12. Dr. Pradeep Singa, Asso. Prof., Civil Engg.   - Member
13. Prof. Shubha Kulkarni, Asst. Prof, E&EE, GNDEC   - Member
14. Dr. Nandkishore, Dean Academics, GNDEC Bidar   - Member convener

Dr. Ravindra E, Principal GNDECB welcomed all members and Staff for the meeting and briefed the agenda of the meeting. Following points was discussed and decisions have been taken:

Agenda No. 1: Approval of minutes of academic council meeting held on 03/03/2021

All the minutes of academic council meeting held 03/03/2021 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 for necessary action by all the departments.

Agenda 2: Review of Action taken report on decisions taken in academic council meeting held on 03/03/2021

Observations

Teaching learning process

A) With reference to the institutional academic calendar, all departments have prepared their calendar of events for carrying various academic and other activities in their departments.

B) Teaching learning activity monitoring is done by HOD and PAC members as per guidelines. The classes were engaged on online mode, blended and off line mode as per VTU guidelines.

C) The online classes are being engaged using live streaming of classes, power point presentation and Videos. For laboratory demonstration purpose, online animations/videos are used and virtual labs are used for better understanding of the laboratory activities.

D) Syllabus coverage in all the courses was almost 100% in all the departments.

E) Quality of CIE question papers, scheme of evaluations were as per standards.

F) Evaluation of CIE test was done as per the scheme of evaluation.

G) In all laboratory classes, student's performance evaluation is done as per laid down procedure.

H) Extra classes are conducted for weak students in all the departments after institution is allowed to conduct offline classes.

I) Feedbacks from students on Teaching Learning process and faculty performance were collected and it is found that by large students are satisfied with Teaching Learning process and performance of faculty.

J) Review of result of odd semester of 2020-21 against target planned

B.E. VII Semester

Sl. No.	Branch	Target planned	Pass %
1	ME	95	94.31
2	CV	100	87.61
3	CSE	95	79.50
4	EEE	100	79.41
5	ECE	85	58.10
6	ISE	95	82.50

B.E. V Semester

Sl. No.	Branch	Target planned	Pass %
1	ME	70	44.00
2	CV	80	48.20
3	CSE	95	47.90
4	EEE	85	31.00
5	ECE	80	41.60
6	ISE	85	55.00

B.E. III Semester

Sl. No.	Branch	Target planned	Pass %
1	ME	70	17.24
2	CV	70	20.31
3	CSE	60	39.70
4	EEE	70	14.58
5	ECE	70	28.70
6	ISE	70	32.00

I semester

Sl. No.	Branch	Target planned	Pass %
1	I sem	60	35.36

PG (I semester)

Sl. No.	Branch	Target planned	Pass %
1	CSE	80	75
2	ECE	80	75
3	MBA	60	27.27

PG (III semester)

Sl. No.	Branch	Target planned	Pass %
1	CSE	100	100
2	ECE	100	100
3	MBA	75	51.66

The result of BE VII sem ECE, BE I, III and V sem of all dept and MBA I sem are very poor and far away from target. Hence all the depts are asked to plan for improvement of result.

Faculty participation in FDP/ Seminars

Faculty participation in FDP/ Seminars/webinar in even semester of 2020-21 is as follows.

Sl. No	Name of the department	Total No of FDP/ Seminars/webinar attended
1	ME	30
2	CV	19
3	CSE	78
4	EEE	15
5	ECE	25
6	ISE	01
7	MBA	01
8	Applied Sciences & Humanities	05

With reference to above details, faculty participation in various skill development activities is to be improved specially in Mechanical, EEE and ISE departments..

Students project proposals for funding

Following table shows students proposal sanctioned by KSCST/VTU during academic year 2020-21

Sl. No	Name of the department	Total No of students proposals for funding from KSCST/VTU
1	ME	04
2	CV	02
3	CSE	04
4	EEE	04
5	ECE	04
6	ISE	04
7	Total	22

Principal appreciated all the departments for their efforts to guide the students for sending their project proposals for funding by KSCST.

Enrollment of students to MOOCs and NPTEL courses:

Enrollment of students to MOOCs and NPTEL courses to promote self learning among students during even semester of 2020-21 is mentioned here under .

Sl. No	Name of the department	Total No of students registered for MOOCs and NPTEL
1	ME	74
2	CV	181
3	CSE	79
4	EEE	44
5	ECE	112
6	ISE	03
7	Total	493

Even though Enrollment of students for above courses is satisfactory, Principal has asked HODs to motivate the students to appear for exams upon clearing which eligible students can get BE Degree with honors.

Review of Usage of Virtual Lab.

All departments have utilized virtual labs for conduction of online laboratory classes during even semester of 2020-21. The details are as under

Sl. No	Name of the department	Name of the course in which virtual labs are used
1	ME	Fluid Mechanics lab, Fluid Machinery lab, Material Testing lab, Dynamics of Machine
2	CV	Environment Engg. Lab, Fluid Mechanics, Building

		Material Testing lab
3	CSE	Computer Network Lab
4	EEE	Microcontroller Lab, electrical Machines-I lab, Electronics lab, Power Electronics Lab
5	ECE	DSD Lab, DSP Lab, AE Lab, MC Lab
6	ISE	Computer Network Lab

Agenda 3

Review of result analysis of odd semester of 2020-21 and fixing targets of result for odd semester of 2021-22.

The results of odd semester of 2020-21 is analyzed for fixing targets of result for forth coming odd semester courses. After through discussion, passing targets for III, V and VII semester of 2021-22 are decided as mentioned in below table.

Result Analysis of odd Semester 2020-21 and Target for odd Semester 2021-22

B.E. VII Semester

Sl.No.	Branch	Pass %	Target %
1	ME	94.31	95
2	CV	87.61	100
3	CSE	79.50	95
4	EEE	79.41	100
5	ECE	58.10	85
6	ISE	82.50	95

B.E. V Semester

Sl. No.	Branch	Pass %	Target %
1	ME	44.00	70
2	CV	48.20	80
3	CSE	47.90	95
4	EEE	31.00	85
5	ECE	41.60	80
6	ISE	55.00	85

B.E. III Semester

Sl.No.	Branch	Pass %	Target
1	ME	17.24	70
2	CV	20.31	70
3	CSE	39.70	60
4	EEE	14.58	70

5	ECE	28.70	70
6	ISE	32.00	70

I semester

Sl. No.	Branch	Pass %	Target
1	I sem	35.36	60

PG (I semester)

Sl.No.	Branch	Pass %	Target
1	CSE	75	80
2	ECE	75	80
3	MBA	27.27	60

PG (III semester)

Sl.No.	Branch	Pass %	Target
1	CSE	100	100
2	ECE	100	100
3	MBA	51.66	75

It is decided to take necessary steps to meet the target results through counseling, using innovative methods, giving assignments etc.

Agenda 4. Monitoring of Teaching Learning Process.

All the departments are asked to continue monitoring teaching learning process in their respective department for enhancing teaching learning process, timely completion of syllabus, supporting weak students and encouraging bright students.

Dr. Ravindra Eklarkar suggested that all the departments should device different innovative methods for teaching. He suggested some innovative methods like teaching through models, flip classes, animations, etc to be used in all the departments.

Agenda 5. Action plan for Enrollment of students to MOOCs, NPTEL and other Courses to promote self learning among students

Principal insisted HODs to motivate students to register / enroll in online courses with free certificate in MOOCS platform. Dr. Veerendra D, suggested following websites apart from NPTEL from which students can take up the courses to enhance their knowledge base.

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/

All the departments are asked to motivate and give wide publicity about above sites among the students so that students can make use of these sites for better understanding of the courses.

Agenda 6. AICTE activity points:

With reference to the AICTE guidelines, students of 2018 scheme have to earn 50 activity points otherwise students will not be conferred with degree. Hence, it is decided to conduct various activities listed in VTU regulations in 7th semester to fulfill the criteria.

Agenda 7. Action plan for utilizing the Virtual Lab.

Principal appreciated the effort by all the departments to use online resources for carrying out the teaching learning process. In all the departments, all experiments are demonstrated through live sessions/ recorded videos. It is decided to continue to use live sessions/ recorded videos and the Virtual Labs in addition to regular laboratory classes. Use of virtual laboratory helps the students to conduct the virtual experiments with different inputs which are difficult in regular physical laboratory class work.

Agenda 8. Industrial visits for 7th 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 7th semester students in fourth coming semester. It is also decided to arrange virtual tour of industry, if the pandemic conditions continues.

Agenda 9. Participation of faculty in FDP / Workshops

All the departments have decided to depute faculty for training on recent trends in their domain/ laboratories. It is also decided to motivate the faculty/ staff to register for online FDP through ATAL Academy.

Agenda 10. Academic calendar for odd semester for academic year 2021 -22.

By taking input from VTU rules and regulations, academic calendar for odd semester of 2021-22 batch Dean academics will prepare academic calendar for even semester of 2021-22 batch. The HODs are informed to strictly adhere to the academic calendar.

Agenda 11. Encouraging bright students for honorary degree from VTU

All the departments have decided to encourage the bright students to enroll for honorary degree from VTU by earning additional 20 credits through MOOCS and NPTEL courses. Bright students should be encouraged to participate in various events conducted in our institute or by other institutes.

Agenda 12. Faculty/staff performance

All the departments are requested to monitor the performance of the faculty through students feedback and counsel them accordingly for improvement in their performance (if required)

Agenda 13. Infrastructure/ laboratory requirement

All the departments have necessary infrastructure for teaching learning process as per VTU norms. All the departments are asked to procure necessary infrastructure as an additional facility for teaching learning process if required.

Agenda 14. Offering open electives for 7th semester students of 2018 scheme.

Dean Academics, informed the council that, as per VTU guidelines, students of 2018 scheme have to opt one open elective in seventh 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. Principal suggested that students from Mechanical Engg and Civil Engg should be encouraged to opt for programming courses as it enhance their programming skills. It is also decided to bring awareness the students about the importance and relevance of open electives in current scenario.

Sl. No	Dept.	Course Code	Course Title
1	EEE	18EE751	Carbon Capture and Storage
2		18EE752	Electric Vehicles
3		18EE753	Disasters Management
4		18EE754	Electrical Energy Conservation and Auditing
5	ECE	18EC751	Communication Theory
6		18EC752	Neural Networks
		18EC753	ARM Embedded Systems

		18EC754	Digital Systems Design using VHDL
7	ME	18ME751	Energy and Environment
8		18ME752	Automotive Engineering
9		18ME753	Industrial Safety
10		18ME754	Optimization Techniques
11	CIV	18CV751	Finite Element Method
12		18CV752	Numerical Methods and Applications
13		18CV753	Environmental Protection and Management
15	CSE	18CS751	Introduction to Big Data Analytics
16		18CS752	Python Application Programming
17		18CS753	Introduction to Artificial Intelligence
18		18CS754	Introduction to Dot Net framework for Application Development

Agenda 15. 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: 09/09/2021

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. 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