

ACADEMIC E-AUDIT REPORT (YEAR: 2020-2021)

BASIC DETAILS

Institution Name	GOVERNMENT ENGINEERING COLLEGE, WEST HILL, KOZHIKODE
Auditors/IQAC Name	Dr. KOUZER K. M., Dr. BINU T. V.
Date	04-11-2020
Semester Type	ODD SEMESTER

COLLEGE SPECIFIC ASSESSMENTS

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent (5)	Sticking to the Academic Calendar of KTU except Sports as regular classes not yet started	
Functioning of students grievances and appeal committee	Excellent (5)	In addition to the normal functioning, online facility also available for students and parents through college website	
Average student to faculty ratio	Excellent (5)	Average SFR is 1.31 > 1	
Faculty Qualification Index	Excellent (5)	Faculty qualification index is 7.6 > 7	
Number of qualified technical staff	Excellent (5)	All technical staff are qualified as per Government rules	
Facility of central library with respect to volume and title of books, online & print journals	Excellent (5)	Good number of Title and Volume of books available. Hard copy of current journals are not available, but having online access to a number of standard journals	
Functioning of IQAC and progress of IQAC report uploading	Excellent (5)	Functioning well and all reports are available in college website.	
Average Rating	Excellent (5)		

Name & Designation of e-audit members

1. Dr. Kouzer K. M. (Associate Professor in CE & UG Dean)
2. Dr. Binu T. V. (Associate Professor in Che.E & PG Dean)

ACADEMIC E-AUDIT REPORT (YEAR: 2020-2021)

BASIC DETAILS

Institution Name	GOVERNMENT ENGINEERING COLLEGE, WEST HILL, KOZHIKODE
Auditors/IQAC Name	Dr. GIGI SEBASTIAN, Prof. BINDURANI P., Prof. SREEJITH S.
Date	04-11-2020
Semester Type	ODD SEMESTER

B.Tech/B.Arch/BHMCT/B.DeS

BRANCH: APPLIED ELECTRONICS AND INSTRUMENTATION

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	5	<ul style="list-style-type: none"> All class committee minutes are available Minor errors found in some course committee minutes 	
Advisory meetings and action taken report	5	<ul style="list-style-type: none"> Done for all semesters 	
Result analysis of previous odd semester	Poor (2)	<ul style="list-style-type: none"> Pass % (S3 – 36.51%) Pass % (S5 – 13.43%) Pass % (S7 – 37%) 	Discussed the matter with HOD and steps such as remedial classes to be Conducted for improving results
Syllabus coverage as per course plan	5	<ul style="list-style-type: none"> Covered as per course plan 	
Conduct of laboratory classes with relevant details	4	<ul style="list-style-type: none"> Good progress in virtual manner 	
Conduct of minor/honours classes	3	<ul style="list-style-type: none"> Register for minor/honours courses yet to be uploaded 	Matter conveyed to HOD
Platform used for LMS/Course materials and lectures uploaded	5	<ul style="list-style-type: none"> Done 	
NPTEL/SWAYAM course materials recommended for reading	4	<ul style="list-style-type: none"> Done 	
Conduct of Internal assessments for theory and lab classes	5	<ul style="list-style-type: none"> Done for all semesters 	
The mechanisms for taking			

Conduct of series tests	5	<ul style="list-style-type: none"> • Done for all semesters 	
Maintenance of course diary	4	<ul style="list-style-type: none"> • Course diary not uploaded for AE303, AET285 • Subject plan, coverage etc are not entered in some subject's course diaries 	
Register showing activity points	4	<ul style="list-style-type: none"> • Data not uploaded for S3 • Register provided for S5 & is compliant with KTU norms 	
Online Faculty evaluation & remarks of the HoD	5	<ul style="list-style-type: none"> • All Faculty scored more than 60% 	

M.Tech/MBA/MCA/M.Arch

BRANCH: APPLIED ELECTRONICS AND INSTRUMENTATION

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class committee meetings and action taken report	5	<ul style="list-style-type: none"> • Available 	
Result analysis of previous odd semester	5	<ul style="list-style-type: none"> • 87.5 % pass 	
Syllabus coverage as per course plan	5	<ul style="list-style-type: none"> • Done 	
Platform used for LMS/Course materials and lectures uploaded	5	<ul style="list-style-type: none"> • Available 	
Conduct of Seminar & Mini project	5	<ul style="list-style-type: none"> • Good progress 	
Conduct of Thesis	4	<ul style="list-style-type: none"> • Progressing 	
The mechanisms for taking feedback as to whether the online classes are effective	5	<ul style="list-style-type: none"> • Mechanism exists 	
Faculty with Ph.D for the program	5	<ul style="list-style-type: none"> • Available 	
Maintenance of course diary	5	<ul style="list-style-type: none"> • Done 	
Students attending MOOC or other online courses	2	<ul style="list-style-type: none"> • Data not provided 	Students are encouraged to take MOOC courses through NPTEL local chapter. Financial support is provided to students from TEQIP II Four funds.
Average Rating			

INTERACTION WITH STUDENTS

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage	5	<ul style="list-style-type: none"> 50 – 75% syllabus covered 	
Effectiveness of teaching/learning process	3	<ul style="list-style-type: none"> Good 	
Conduct of Labs	3	<ul style="list-style-type: none"> Not completely beneficial through online methods Laptop/Computer not available for all students; Lab sessions through mobile apps are less useful 	Contact classes for laboratory experiments scheduled
Continuous assessment	5	<ul style="list-style-type: none"> Done effectively. Internet issues for some students for uploading files 	
Interaction/discussion/doubt clearing etc	4	<ul style="list-style-type: none"> Carrying out, effectiveness is less compared to regular class 	
Net connectivity issue	3	<ul style="list-style-type: none"> Students facing frequent connectivity issues 	
Extra fees/fine imposed on students	-	<ul style="list-style-type: none"> No extra fee/fine imposed 	
Approach of the management/institution in addressing student grievances	5	<ul style="list-style-type: none"> Done effectively 	
Availability of Faculty for all subjects	5	<ul style="list-style-type: none"> Available for all subjects 	
Any other remarks	-	<ul style="list-style-type: none"> 15 minutes break between online classes not getting every time Work load is more due to more assignments/ tutorials during online classes Conducting regular classes and online series tests on same day results lack of net data for answer scripts upload Students facing health issues due to continuous phone/computer usage Virtual/e-library access is necessary 	Instructions given to faculty through HODs
Average Rating	4.13		

Total Average Mark: 4.3

Name & Designation of e-audit members

1. Dr.Gigi Sebastian (Professor in Che.E)

**ACADEMIC E-AUDIT REPORT
(YEAR: 2020-2021)**

BASIC DETAILS

Institution Name	GOVERNMENT ENGINEERING COLLEGE, WEST HILL, KOZHIKODE
Auditors/IQAC Name	Dr. Anirudhan P, Prof. Sajitha C. M, Prof. Jithesh C. P
Date	04-11-2020
Semester Type	ODD SEMESTER

B.Tech/B.Arch/BHMCT/B.DeS

BRANCH: Electronics and Communication (ECE)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent (5)	S7 Students demanding more attention regarding their class committee meetings.	
Advisory meetings and action taken report	Excellent (5)		
Result analysis of previous odd semester	Fair (3)		
Syllabus coverage as per course plan	Excellent (5)		
Conduct of laboratory classes with relevant details	Good(4)	More information on Relevant details of conduct of Labs, desirable.	
Conduct of minor/honours classes	Good(4)	More information on conduct of Minors/Honors Classes, desirable.	
Platform used for LMS/Course materials and lectures uploaded	Excellent (5)		
NPTEL/SWAYAM course materials recommended for reading	Good(4)		

Conduct of Internal assessments for theory and lab classes	Good(4)		
The mechanisms for taking feedback as to whether the online classes are effective	Excellent (5)	Feedback regarding online classes reflected in class committee/advisory committee meetings.	
Conduct of series tests	Excellent (5)		
Maintenance of course diary	Excellent (5)		
Register showing activity points	Fair (3)		
Online Faculty evaluation & remarks of the HoD	Excellent (5)	As per consultation with the HOD.	

Average Rating	4.43
-----------------------	-------------

M.Tech/MBA/MCA/M.Arch (NA for ECE Dept.)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class committee meetings and action taken report			
Result analysis of previous odd semester			
Syllabus coverage as per course plan			
Platform used for LMS/Course materials and lectures uploaded			
Conduct of Seminar & Mini project			
Conduct of Thesis			
The mechanisms for taking feedback as to whether the online classes are effective			
Faculty with Ph.D for the program			
Maintenance of course diary			
Students attending MOOC or other online courses			
Average Rating			

INTERACTION WITH STUDENTS

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage	Excellent (5)		
Effectiveness of teaching/learning process	Fair (3)	Lack of Opportunity for Peer Learning, Lack of Direct access to Books and Libraries.	Access is available to library and now students can approach faculty for clearing doubts as contact classes started
Conduct of Labs	Fair (3)		Contact classes for laboratory experiments scheduled
Continuous assessment	Good (4)		
Interaction/discussion/doubt clearing etc	Good (4)		
Net connectivity issue	Good (4)	Loss of connectivity experienced seldom.	
Extra fees/fine imposed on students	NA		
Approach of the management/institution in addressing student grievances	Excellent(5)		
Availability of Faculty for all subjects	Excellent(5)		
Any other remarks		Learning Materials and Recorded Videos/Audios if made available would make-up the loss due to Network connectivity issue and access to Books.	
Average Rating	4.13		Instructions given to faculty through HODs

Total Average Mark	4.28
---------------------------	-------------

Name & Designation of e-audit members

1. Dr. Anirudhan P (Professor in ME)
2. Prof. Sajitha C M (Assistant Professor in Che.E)
3. Prof. Jithesh C.P (Assistant Professor in ECE)

ACADEMIC E-AUDIT REPORT (YEAR: 2020-2021)

BASIC DETAILS

Institution Name	GOVERNMENT ENGINEERING COLLEGE, WEST HILL, KOZHIKODE
Auditors/IQAC Name	Dr. SHAJEE MOHAN B S , Dr. DEEPESH K P, Dr. SANDHYA M
Date	04-11-2020
Semester Type	ODD SEMESTER

B.Tech/B.Arch/BHMCT/B.DeS

BRANCH: ...MECHANICAL ENGINEERING DEPARTMENT.....

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Good (4)	Class committee minutes for S3, S5, and S7 are available. Course committee minutes are available for S3:- 2 courses out of 4; S5:- 1 course out of 1. Action taken report is not available.	
Advisory meetings and action taken report	Excellent (5)	Points discussed needs to be more specific	
Result analysis of previous odd semester	Good (4)	S5, S7 Result analysis is not given	
Syllabus coverage as per course plan	Excellent (5)	Covered as per course plan	
Conduct of laboratory classes with relevant details	Good (4)	Conducted adequately	
Conduct of minor/honours classes	Fair (3)	S3- Minor course files are not given; S7 – Honors course files are missing; Remedial class details are missing	Matter conveyed to HOD
Platform used for LMS/Course materials and lectures uploaded	Good (4)	Hand written course files maintained for a few courses	
NPTEL/SWAYAM course materials recommended for reading	Good (4)	Course materials may be provided for all courses	
Conduct of Internal assessments for theory and lab classes	Excellent (5)	Conducted as per KTU guidelines	
The mechanisms for taking feedback as to whether the online classes are effective	Good (4)	Feedback mechanism may be further strengthened.	

Conduct of series tests	Excellent (5)	Conducted as per KTU guidelines	
Maintenance of course diary	Good (4)	MCN 201 course file folder empty-Course plan details are not given in some lab courses	
Register showing activity points	Excellent (5)	Maintained	
Online Faculty evaluation & remarks of the HoD	Excellent (5)	Evaluation is done	

M.Tech/MBA/MCA/M.Arch

BRANCH:ENERGY SYSTEMS ANALYSIS AND DESIGN.....

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class committee meetings and action taken report	Good (4)	Conducted a meeting on 02-11-20, points discussed need to be more specific-signature/consent of members in minutes absent	
Result analysis of previous odd semester	Excellent - (5)	(10/12)- Results are available -No Result analysis	
Syllabus coverage as per course plan	Excellent (5)	Covered as per course plan in most cases	
Platform used for LMS/Course materials and lectures uploaded	Good (4)	LMS is used for theory. Not specific in the case for Project/seminar	
Conduct of Seminar & Mini project	Excellent (5)	Conducted as per KTU guidelines	
Conduct of Thesis	Good (4)	Slides and Interim evaluation schedule are available. Interim evaluation criterion and marks awarded are not available	
The mechanisms for taking feedback as to whether the online classes are effective	Good (4)	feed back mechanism may be strengthened further.	
Faculty with Ph.D for the program	Excellent(5)	Majority of the faculty are with Ph.D	
Maintenance of course diary	Good (4)	Project course diary is missing	
Students attending MOOC or other online courses	Good (4)	Details are available for 3 students	

Average Rating	4.4
-----------------------	------------

INTERACTION WITH STUDENTS

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage	Excellent(5)	Adequate	
Effectiveness of teaching/learning process	Good(4)	As per students, the portions are completed in a fast manner	Access is available to library and now students can approach faculty for clearing doubts as contact classes started
Conduct of Labs	Fair(3)	MT lab/EDC lab need attention, Synchronization of theory with practical is required for some labs (EDC)	Contact classes for laboratory experiments scheduled
Continuous assessment	Excellent(5)	More uploading time is requested by students	
Interaction/discussion/doubt clearing etc	Good(4)	Thesis guides are to be adequately available	
Net connectivity issue	Fair(3)	Due to their location-Data issues are there for some of the students	
Extra fees/fine imposed on students	NA	No issues	
Approach of the management/institution in addressing student grievances	Excellent(5)	Promptly addressed	
Availability of Faculty for all subjects	Excellent (5)	Available	
Any other remarks	---	Ensure breaks between classes, minimizing classes on holidays	Instructions given to faculty through HODs
Average Rating	4.25		

Total Average Mark	4.33
---------------------------	-------------

Name & Designation of e-audit members

- 1. Dr. Shajee Mohan B S (Associate Professor in ECE)**
- 2. Dr. Deepesh K P (Assistant Professor in Applied Sc.)**
- 3. Dr.Sandhya M (Associate Professor in ME)**

ACADEMIC E-AUDIT REPORT (YEAR: 2020 - 2021)

BASIC DETAILS

Institution Name	GOVERNMENT ENGINEERING COLLEGE, WEST HILL, KOZHIKODE
Auditors/IQAC Name	Dr. Anjana S., Dr. Sreejith B., Prof. Adil Muhammed
Date	04-11-2020
Semester Type	ODD SEMESTER

B.Tech/B.Arch/BHMCT/B.DeS

BRANCH: Chemical Engineering

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent (5)		
Advisory meetings and action taken report	Excellent (5)		
Result analysis of previous odd semester	Good (4)	S1 – 88.71% S3- 46 % S5 – 81.54 % Average – 72.08 %	
Syllabus coverage as per course plan	Good (4)		
Conduct of laboratory classes with relevant details	Good (4)	On an average 75 % experiments completed	
Conduct of minor / honours classes	Good (4)		
Platform used for LMS/Course materials and lectures uploaded	Excellent (5)		
NPTEL/SWAYAM course materials recommended for reading	Fair (3)		
Conduct of Internal assessments for theory and lab classes	Good (4)		
The mechanisms for taking feedback as to whether the online classes are effective	Good (4)		
Conduct of series tests	Excellent (5)		

Maintenance of course diary	Good (4)		
Register showing activity points	Good (4)		
Online Faculty evaluation & remarks of the HoD	Excellent (5)		

M.Tech/MBA/MCA/M.Arch

BRANCH: Chemical Engineering

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class committee meetings and action taken report	Excellent (5)		
Result analysis of previous odd semester	Excellent (5)		
Syllabus coverage as per course plan	Good (4)		
Platform used for LMS/Course materials and lectures uploaded	Fair (3)		LMS Software ETLAB procured and faculty instructed to use the same on a regular basis
Conduct of Seminar & Mini project	Good (4)		
Conduct of Thesis	Fair (3)		
The mechanisms for taking feedback as to whether the online classes are effective	Fair (3)		
Faculty with Ph.D for the program	Excellent (5)		
Maintenance of course diary	Good (4)		
Students attending MOOC or other online courses	Fair (3)		Students are encouraged to take MOOC courses through NPTEL local chapter. Financial support is provided to students from TEQIP II Four funds.
Average Rating	4.13		

INTERACTION WITH STUDENTS

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage	Excellent (5)		
Effectiveness of teaching / learning process	Good (4)		
Conduct of Labs	Good(4)		
Continuous assessment	Good (4)		
Interaction / discussion / doubt clearing etc	Good (4)		
Net connectivity issue	Fair (3)	Approximately 10 % students are facing range problem Solved by sharing notes and recorded sessions	
Extra fees / fine imposed on students	Not reported		
Approach of the management / institution in addressing student grievances	Excellent (5)		
Availability of Faculty for all subjects	Excellent (5)		
Any other remarks		Mental stress faced by students due to absence of peer learning and difficulty for working as a group for project work was mentioned by students.	Instructions given to faculty through HODs
Average Rating	4.25		

Total Average Mark	4.19
---------------------------	-------------

Name & Designation of e-audit members

1. **Dr. Anjana S. (Professor in CE)**
2. **Dr. Sreejith B. (Professor in ME)**
3. **Prof. Adil Muhammed (Assistant Professor in Che.E)**

ACADEMIC E-AUDIT REPORT (YEAR: 2020-2021)

BASIC DETAILS

Institution Name	GOVERNMENT ENGINEERING COLLEGE, WEST HILL, KOZHIKODE
Auditors/IQAC Name	Prof. Swapna. G, Prof. Anupa. T, Dr. Ragesh P.P
Date	04-11-2020
Semester Type	ODD SEMESTER

B.Tech/B.Arch/BHMCT/B.DeS

BRANCH: Civil Engineering (UG)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	5	Minutes of all the 3 sems available.	
Advisory meetings and action taken report	5	Files are maintained properly.	
Result analysis of previous odd semester	4	S5 advisor not uploaded result analysis	
Syllabus coverage as per course plan	4	All the courses except one or two are as per the course plan.	
Conduct of laboratory classes with relevant details	4	Evaluation statements not available for some courses.	
Conduct of minor/honours classes	3	Details are yet to be submitted.	Matter conveyed to HOD
Platform used for LMS/Course materials and lectures uploaded	5	Done properly.	
NPTEL/SWAYAM course materials recommended for reading	4	Done.	
Conduct of Internal assessments for theory and lab classes	5	Done.	
The mechanisms for taking feedback as to whether the online classes are effective	5	Done.	
Conduct of series tests	5	Done.	
Maintenance of course diary	4	CO-PO Mapping not available for some courses. All other files maintained properly.	

Register showing activity points	4	Not available for S5.	
Online Faculty evaluation & remarks of the HoD	5	Maintained properly.	
Average rating	4.43		

INTERACTION WITH STUDENTS

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage	5	Syllabus covered as per the plan.	
Effectiveness of teaching/learning process	3	Continuous classes create mental stress and health issues for many students.	Access is available to library and now students can approach faculty for clearing doubts as contact classes started
Conduct of Labs	3	Practical labs are not that effective through online tools. They prefer third party lab videos.	Contact classes for laboratory experiments scheduled
Continuous assessment	4	Done properly, but not much effective.	
Interaction/discussion/doubt clearing etc	3		
Net connectivity issue	3	2 Kashmiri students have acute net connectivity issues. One of them hasn't been able to watch online classes at all till now	
Extra fees/fine imposed on students	NA		
Approach of the management/institution in addressing student grievances	5		
Availability of Faculty for all subjects	5		
Any other remarks		Academic calendar course ending date and exam date may be postponed by 1 month.	
Average Rating	3.88		

Total Average Mark	4.15
---------------------------	-------------

Name & Designation of e-audit members

- 1. Prof. Swapna G (Associate Professor in ECE)**
- 2. Prof. Anupa T (Assistant Professor in Applied Sc.)**
- 3. Dr. Ragesh P P (Associate Professor in CE)**