



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

# *Certificate of Accreditation*

*The Executive Committee of the  
National Assessment and Accreditation Council  
on the recommendation of the duly appointed  
Peer Team is pleased to declare the  
Vimal Jyothi Engineering College  
Jyothi Nagar, Chemperi, Dist. Kannur,  
affiliated to A.P.J. Abdul Kalam Technological University, Kerala as*

*Accredited*

*with CGPA of 2.67 on seven point scale*

*at B<sup>+</sup> grade*

*valid up to March 27, 2024*

*Date : March 28, 2019*



*S. C. Srinivas*  
Director



## राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

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# Quality Profile

Name of the Institution : Vimal Jyothi Engineering College

Place : Jyothi Nagar, Chemperi, Dist. Kannur, Kerala

Criteria	Weightage ( $W_i$ )	Criterion-wise Weighted Grade Point (Cr WGP)	Criterion-wise Grade Point Averages ( $Cr WGP_i / W_i$ )
I. Curricular Aspects	100	325	3.25
II. Teaching-Learning and Evaluation	330	897	2.72
III. Research, Innovations and Extension	109	196	1.80
IV. Infrastructure and Learning Resources	100	346	3.46
V. Student Support and Progression	111	244	2.20
VI. Governance, Leadership & Management	100	277	2.77
VII. Institutional Values and Best Practices	100	250	2.50
<b>Total</b>	$\sum_{i=1}^7 W_i = 950$	$\sum_{i=1}^7 (Cr WGP_i) = 2535$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (Cr WGP_i)}{\sum_{i=1}^7 W_i} = \frac{2535}{950} = \boxed{2.67}$$

Grade =  $\boxed{B^*}$

Date : March 28, 2019



*S. C. Sankar*  
Director

- This certification is valid for a period of Five years with effect from March 28, 2019
- An institutional CGPA on seven point scale in the range of 3.51 - 4.00 denotes A<sup>++</sup> grade, 3.26 - 3.50 denotes A<sup>+</sup> grade, 3.01 - 3.25 denotes A grade, 2.76 - 3.00 denotes B<sup>++</sup> grade, 2.51 - 2.75 denotes B<sup>+</sup> grade, 2.01 - 2.50 denotes B grade, 1.51 - 2.00 denotes C grade
- Scores rounded off to the nearest integer



# राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

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**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

An Autonomous Institution of the University Grants Commission

डॉ. वहीदुल हसन

वरिष्ठ संचार एवं प्रकाशन अधिकारी

**Dr. Wahidul Hasan**

Senior Communication cum Publication Officer

NAAC/WH/Cert-A&A/EC(37<sup>th</sup>SC)/KLCOGN101497/2019/

24<sup>th</sup> May 2019

The Principal  
Vimal Jyothi Engineering College  
Jyothi Nagar,  
Chemperi P.O.,  
Kannur - 670 632  
Kerala

Dear Sir/Madam,

Greetings from NAAC.

As directed by the Director, NAAC, I am herewith enclosing the Certificate of Accreditation of your Institution. We wish the Institution all success in its efforts to become a lead Quality Institution of Higher Learning.

Kindly acknowledge the receipt of the certificate.

With warm regards,

Yours sincerely,

(Wahidul Hasan)

Encl.: a/a



# राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

## NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072

पो.ओ. बॉक्स नं. 1075, नागरभावी, बेंगलूरु - 560 072

### Notice

#### **Sub: Mandatory Submission of Annual Quality Assurance Report (AQAR) by Internal Quality Assurance Cell (IQAC) of HEIs**

NAAC advocates that every accredited institution need to establish an Internal Quality Assurance Cell (IQAC) as a quality sustenance measure. NAAC intends IQACs to be more developmental oriented focusing on continuous improvement. NAAC has prepared Guidelines for Creation of the Internal Quality Assurance Cell (IQAC) and Submission of Annual Quality Assurance Report (AQAR) for Accredited Institutions.

So far submission of AQARs was not a mandatory requirement for institutions applying to NAAC 2<sup>nd</sup> and subsequent cycles of Assessment and Accreditation (A&A). It has now been decided by the Executive committee of NAAC that **regular submission of AQARs should be made mandatory for 2<sup>nd</sup> and subsequent cycles of accreditation.**

In view of the decision of **Executive Committee of NAAC** the following will be the pre-requisites for submission of LOI for all Higher Education Institutions (HEIs) opting for 2<sup>nd</sup> and subsequent cycles of A&A **with effect from 16<sup>th</sup> September 2016:**

- Having a functional IQAC.
- The minutes of IQAC meeting and compliance to the decisions should be uploaded on the institutional website.
- Mandatory submission of AQARs on a regular basis for institutions undergoing the second and subsequent cycles of Assessment and Accreditation by NAAC.
- Upload the AQAR's on institutional website for access to all stakeholders.

Place : Bengaluru

Date : 1<sup>st</sup> August 2018

**Prof. S. C. Sharma**  
Director

# राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली - 110003  
**NATIONAL BOARD OF ACCREDITATION**  
4<sup>th</sup> Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



File No. 26-35-2013-NBA

Date 01.06.2023

To

The Principal  
Vimal Jyothi Engineering College,  
Jyothi nagar, Chemperi P.O.,  
Kannur Kerala – 670632

**Subject: Further accreditation status on the basis of Compliance Report of the programs in Tier-II offered by Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur Kerala - 670632.**

Sir,

This is regarding Compliance Report submitted by Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur Kerala - 670632 for the UG Engineering programs which were accredited by NBA in Tier-II for Academic Years 2020-21 to 2022-23 i.e., upto 30.06.2023.

2. An Expert Team conducted data verification of the programs on **15<sup>th</sup> April, 2023**. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Mechanical Engineering	Tier-II June 2015 Document	Accredited	Academic Years 2023-2024 to 2025-2026 i.e. upto 30-06-2026	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Civil Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for further 3 years. Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur Kerala - 670632 should submit fresh online application under SAR Tier II June 2015 Document through eNBA portal at least five months before the expiry of validity of accreditation mentioned above.

Contd./\_

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur Kerala - 670632 as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.
6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.
7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.
8. A copy each of Report of the Visiting Team in respect of the above programs is enclosed.

Yours faithfully,



(Dr. Anil Kumar Nassa)  
Member Secretary

**Encls:** 1. Copy each of Report of the Visiting Team in respect of the programs.

**Copy to:**

1. The Director of Technical Education,  
Padmavilasam Rd, Fort, P.O, Pazhavangadi,  
Thiruvananthapuram, Kerala 695023
2. The Registrar  
APJ Abdul Kalam Technological University, Kerala  
CET Campus, Alathara Rd, Ambady Nagar,  
Thiruvananthapuram, Kerala 6950163.
3. Accreditation File
4. Master Accreditation file of the State

# राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली - 110003  
**NATIONAL BOARD OF ACCREDITATION**  
4<sup>th</sup> Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



F.No- 26-35-2013-NBA

Date: 06.10.2023

To,  
The Principal  
Vimal Jyothi Engineering College,  
Jyothi nagar, Chemperi P.O.,  
Kannur Kerala - 670632

**Subject: Accreditation status of programs applied by Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur Kerala - 670632.**

Sir,

This has reference to your application I.D. No. 7366-04/11/2022 seeking accreditation by National Board of Accreditation to UG Engineering programs applied by Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur Kerala - 670632.

2. An Expert Team conducted onsite evaluation of the programs from 16<sup>th</sup> to 18<sup>th</sup> June, 2023. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Computer Science & Engineering	Tier II June 2015 Document	Accredited	Academic Years 2023-2024 to 2025-2026 i.e. up to 30-06-2026	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Electrical & Electronics Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for 3 years. **Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur Kerala - 670632** should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

Contd./\_

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur Kerala - 670632** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.
6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.
7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.
8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs is enclosed.
9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa)  
Member Secretary

- Encls.:** 1. Copy of Report of Chairman of the Visiting Team.  
2. Copy each of Expert Reports of the Visiting Team.

Copy to:

1. The Director of Technical Education,  
Padmavilasam Rd, Fort, P.O, Pazhavangadi,  
Thiruvananthapuram, Kerala 695023
2. The Registrar  
APJ Abdul Kalam Technological University, Kerala  
CET Campus, Alathara Rd, Ambady Nagar,  
Thiruvananthapuram, Kerala 695016
3. Accreditation File
4. Master Accreditation file of the State



# राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003

## NATIONAL BOARD OF ACCREDITATION

4th Floor, East Tower, NBCC Place, Bhasham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



F.No- 26-35-2013-NBA

Date: 13-06-2022

To,  
The Principal  
Vimal Jyothi Engineering College,  
Jyothi Nagar, Chemperi P.O.,  
Kannur Dt., Kerala - 670632

**Subject: Accreditation status of programs applied by Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur Dt., Kerala – 670632.**

Sir,

This has reference to your application I.D. No. 5158-14/12/2020 seeking accreditation by National Board of Accreditation to UG Engineering programs offered by Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur Dt., Kerala - 670632.

2. An Expert Team conducted onsite evaluation of the programs from 06<sup>th</sup> to 08<sup>th</sup> May, 2022. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Electronics & Communication Engineering	Tier II June 2015 Document	Accredited	Academic Years 2022-2023 to 2024-2025 i.e. up to 30-06-2025	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Applied Electronics & Instrumentation Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for 3 years. Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur Dt., Kerala - 670632 should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur Dt., Kerala - 670632 as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Contd./\_

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs is enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa)  
Member Secretary

- Ends.:**
1. Copy of Report of Chairman of the Visiting Team.
  2. Copy each of Expert Reports of the Visiting Team.

Copy to:

1. The Director of Technical Education,  
Padmavilasam Rd, Fort, P.O, Pazhavangadi,  
Thiruvananthapuram, Kerala 695023
2. The Registrar  
APJ Abdul Kalam Technological University, Kerala  
CET Campus, Alathara Rd, Ambady Nagar,  
Thiruvananthapuram, Kerala 695016
3. Accreditation File
4. Master Accreditation file of the State

# NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4<sup>th</sup> Floor, Bhisham Pitamah Marg,  
Pragati Vihar, New Delhi-110 003  
Tel: +91 11 2436 0620-22, 2436 0654 ; Telefax: +91 11 4308 4903  
Website: www.nbaiind.org



Dated: 06-03-2020

F. No. 26-35/2013-NBA

To,  
The Principal  
Vimal Jyothi Engineering College,  
Jyothi Nagar, Chemperi,  
P.O. Kannur Dt.,  
Kerala-670 632

**Subject: Further accreditation status on the basis of Compliance Report of the programs in Tier II offered by Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi, P.O. Kannur Dt., Kerala-670 632.**

Sir,  
This is regarding Compliance Report submitted by Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi, P.O. Kannur Dt., Kerala-670 632 for the UG Engineering programs which were accredited by NBA in Tier-II for academic years 2017-18 to 2019-20 whose validity is expiring on 30.06.2020.

2. An Expert Team conducted data verification of the programs on 3<sup>rd</sup> February, 2020. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Computer Science & Engineering	Tier-II	Accredited	Academic Years 2020-2021 to 2022-2023 i.e. upto 30-06-2023	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier.
2.	Electrical & Electronics Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi, P.O. Kannur Dt., Kerala-670 632 as a whole. As such the institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Contd./...

5. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

6. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

7. A copy each of Report of the Visiting Team in respect of the above programs is enclosed.

Yours faithfully,

  
(Dr. Anil Kumar Nassa)  
Member Secretary

**Encls:** 1.Copy each of Report of the Visiting Team in respect of the programs.

**Copy to:**

1. The Registrar  
APJ Abdul Kalam Technological University,  
CET Campus, Alathana Road,  
Ambady Nagar, Thiruvananthapuram  
Kerala-695016
2. Director Technical Education  
Govt. of Kerala  
Padmavilasam Fort Road,  
Nalumukku, Pazhavangadi,  
Thiruvananthapuram, Kerala 695023
3. Accreditation File
4. Master Accreditation file of the State.

# NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4<sup>th</sup> Floor, Bhisham Pitamah Marg,  
Pragati Vihar, New Delhi-110 003  
Tel: +91 11 2436 0620-22, 2436 0654 ; Telefax: +91 11 4308 4903  
Website: www.nbaind.org



File No: 26-35-2013-NBA

Date: 09-06-2020

To  
The Principal  
Vimal Jyothi Engineering College,  
Jyothi Nagar, Chemperi P.O., Kannur,  
Kerala-670632

Subject: Accreditation status of program applied by Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur, Kerala-670632.

Sir,

This has reference to your application I.D. No. 3684-25/04/2019 seeking accreditation by National Board of Accreditation to UG Engineering program in Tier II offered by Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur, Kerala-670632.

2. An Expert Team conducted on-site evaluation of the program from 31<sup>st</sup> January – 02<sup>nd</sup> February, 2020. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the program as given in the table below:

Sl. No.	Name of the Programs (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(4)	(5)	(6)	(7)
1.	Mechanical Engineering	Tier II	Accredited	Academic Years 2020-2021 to 2022-2023 i.e. up to 30-06-2023	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	Civil Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for 3 years. Vimal Jyothi Engineering College, Jyothi Nagar, Chemperi P.O., Kannur, Kerala-670632 should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a visit, as deemed appropriate by NBA Committees.

Contd/-

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **Vimal Jyothi Engineering College, Jyothi Nagar, Chemperip.O., Kannur, Kerala-670632** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.
6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.
7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.
8. A copy of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs is enclosed.
9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

  
(Dr. Anil Kumar Nassa)  
Member Secretary

- Encls: 1.Copy of Report of Chairman of the Visiting Team.  
2. Copy each of Expert Reports of the Visiting Team.

**Copy to:**

1. The Registrar  
APJ Abdul Kalam Technological University  
CET Campus, Alathara Road Ambady Nagar  
Thiruvananthapuram, Kerala 695016
2. Director Technical Education  
Padmavilom Street, Fort P.O,  
Thiruvananthapuram, Kerala- 695023
3. Accreditation File
4. Master Accreditation file of the State.

# CERTIFICATE

Management system as per  
**ISO 9001 : 2015**

In accordance with TÜV NORD CERT procedures, it is hereby certified that

**VIMAL JYOTHI ENGINEERING COLLEGE**  
Jyothi Nagar, Chemperi, Kannur Dist,  
Kerala - 670 632,  
India  
and other location as per sub-certificate

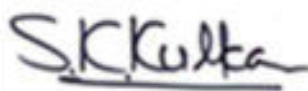


applies a management system in line with the above standard for the following scope

**Providing Under Graduate and Post Graduate Courses in Engineering**

Certificate Registration No. **44 100 084055**  
Audit Report No. **2.5-3834/2008**

Valid from **27.05.2020**  
Valid until **28.02.2023**  
Initial Certification **29.02.2008**



Certification Body  
at TÜV NORD CERT GmbH

Mumbai, **27.05.2020**

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH

Langemarckstrasse 20

45141 Essen

[www.tuev-nord-cert.com](http://www.tuev-nord-cert.com)

TUV India Pvt. Ltd., 801, Raheja Plaza – 1, L.B.S. Marg,

Ghatkopar (W), Mumbai - 400 086, India

[www.tuv-nord.com/in](http://www.tuv-nord.com/in)



# CERTIFICATE

Management system as per  
**ISO 9001 : 2015**

In accordance with TÜV NORD CERT procedures, it is hereby certified that

**VIMAL JYOTHI ENGINEERING COLLEGE**  
Jyothi Nagar, Chemperi, Kannur Dist,  
Kerala - 670 632,  
India  
and other location as per Sub-Certificate

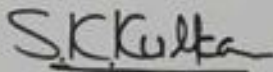


applies a management system in line with the above standard for the following scope

**Providing Under Graduate and Post Graduate Courses in  
Engineering**

Certificate Registration No. 44 100 084055  
Audit Report No. 2.5-3834/2008

Valid until 28.02.2020  
Valid from 01.03.2017  
Initial certification 29.02.2008



Certification Body  
at TÜV NORD CERT GmbH

Issue 09.02.2017  
Place : Mumbai

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH      Langemarckstrasse 20      45141 Essen      [www.tuev-nord-cert.com](http://www.tuev-nord-cert.com)

TUV India Pvt. Ltd., 801, Raheja Plaza - 1, L.B.S. Marg, Ghatkopar (W), Mumbai - 400 086, India      [www.tuv-nord.com/in](http://www.tuv-nord.com/in)







QS-ERA India Pvt Ltd is pleased to award

## VIMAL JYOTHI ENGINEERING COLLEGE KANNUR, KERALA

the **QS I-GAUGE E-LEAD (E-Learning Excellence for Academic Digitisation)** certificate.

This certification is a representation of the results following a verification and validation process to certify the preparedness of institutions to conduct online Teaching & Learning.

The certification process involved rigorous data collection, evaluation and assessment of performance metrics as set out in the methodology.

**E-LEAD CERTIFIED**

E-Learning Excellence  
for Academic Digitisation



INDIAN COLLEGE & UNIVERSITY RATINGS

**LICENSE START DATE : 14 OCTOBER 2021**

**LICENSE END DATE : 14 OCTOBER 2022**

A handwritten signature in blue ink, reading 'Ashwin Fernandes'.

Ashwin Fernandes  
CEO, QS-ERA India Pvt Ltd

# **INSTITUTIONAL SCORECARD**

**E-LEAD CERTIFIED**

E-Learning Excellence  
for Academic Digitisation



INDIAN COLLEGE & UNIVERSITY RATINGS

**Vimal Jyothi  
Engineering College  
(VJEC)**





# EVALUATION SUMMARY

E-LEAD CERTIFIED

E-Learning Excellence  
for Academic Institutions

QS I-GAUGE

INDIAN COLLEGE & UNIVERSITY RATINGS

INDICATOR	TOTAL POINTS	POINTS AWARDED
<b>STUDENT FACULTY ENGAGEMENT</b>		
<ul style="list-style-type: none"> <li>• Live tutorial sessions (A) ✓</li> <li>• Live streaming seminars/lectures (B) ✓</li> <li>• Pre recorded lectures/tutorial sessions (C) ✓</li> <li>• Virtual one-to-one student faculty meetings ✓</li> <li>• Online teaching and learning feedback exercise ✓</li> </ul>	50	50
<p>Highlights: <b>VJEC</b> is successfully conducting online tutorials, lectures etc. The institution is also ensuring that students and faculty interact on a one-to-one basis for clarification sessions and is successfully implementing frequent feedback for online teaching and learning. The integration of pre-recorded lectures and the student-faculty interaction is noteworthy.</p>		
<b>LEARNING MANAGEMENT SYSTEM</b>		
Institution subscribing to a Learning Management System (LMS) to create, deliver, assess, and grade courses and programmes (Blackboard, MOODLE, Canvas etc.) ✓	40	40
<p>Highlights: <b>VJEC</b> has a customised LMS &amp; Google Classrooms. The institution is successfully utilising various features such as course content, recorded lectures, assignments, feedback, and grading.</p>		



# EVALUATION SUMMARY

E-LEAD CERTIFIED

E-Learning Excellence  
for Academic Institutions

QS I-GAUGE

INDIAN COLLEGE & UNIVERSITY RATINGS

INDICATOR	TOTAL POINTS	POINTS AWARDED
<b>INFORMATION TECHNOLOGY SUPPORT</b>		
<ul style="list-style-type: none"><li>• Availability of on-call IT support/helpdesk ✓</li><li>• Disaster recovery site ✗</li><li>• Availability of IT accessories for immediate replacement ✓</li></ul>	30	20
Highlights: <b>VJEC</b> has adequate IT support systems and a detailed procedure for IT accessories replacement. However, the IT policy does not specify disaster recovery mechanisms in the event of a failure. It is recommended to integrate this important aspect in the IT policy.		
<b>BEST PRACTICES IN INFORMATION TECHNOLOGY</b>		
<ul style="list-style-type: none"><li>• Non usage of pirated software ✓</li><li>• Cyber security/data privacy ✗</li><li>• IT Service Level Agreement (SLA) ✓</li><li>• Effective backup for standalone systems ✗</li><li>• Power backup for IT and IT enabled systems ✗</li></ul>	30	12
Highlights: <b>VJEC's</b> IT policy does not specify the details regarding cyber security and data privacy. Regular backup of data is not owned by the institution which may pose a risk in retrieving data. The institution should also focus on streamlining maintenance contracts to ensure uninterrupted power-backup.		
<b>CONCLUSION</b>		
<b>Total Points Available: 150</b> <b>Qualifying Points for Certification: 120</b> <b>Total Points Awarded: 122</b>		
<b>Vimal Jyothi Engineering College (VJEC)</b> is granted E-LEAD certification. It is recommended to focus on specific feedback highlighted in this report.		
<b>Analyst:</b> Suchismita Mallick <b>E-mail:</b> <a href="mailto:support@igauge.in">support@igauge.in</a>		
<b>Date of Certification:</b> 14.10.2021		
<b>License Validity:</b> 14.11.2022		



# I-GAUGE

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Malleshwaram West  
Bengaluru - 560 055, Karnataka, India



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[www.igauge.in](http://www.igauge.in)



[contact@igauge.in](mailto:contact@igauge.in)

This report is a confidential document with performance details and recommendations based on the audit, hence strictly for the institution's internal use only.

The report cannot be fragmented and reproduced in any form.



**APJ Abdul Kalam Technological University**  
**CET Campus, Thiruvananthapuram**  
**Kerala -695016**  
**India**

**Academic Audit Report**  
**2022 - 2023**

**Basic Details**

Institution	<b>VIMALJYOTHI ENGINEERING COLLEGE</b>
First Auditor Name	<b>Aftab A Karim</b>
Second Auditor Name	<b>Aseem K</b>
Visit	<b>First</b>
Semester Type	<b>Odd</b>

**College Specific Assessments**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Compliance to the Academic Calendar of KTU (A)	Excellent(5)		
Functioning of students grievances and appeal committee (A)	Good(4)		
Functioning of Academic Discipline Welfare committee (A)	Excellent(5)		
Average student to faculty ratio (A)	Excellent(5)	Excellent	
Faculty Retention (A)	Good(4)	Retention rate is good	
Faculty Qualification Index (A)	Excellent(5)	Good	
Number of qualified technical staff (A)	Excellent(5)		

Facility of central library with respect to volume and title of books, online print journals (A)	Good(4)	Excellent	
Functioning of IQAC and Progress of IQAC report uploading (A)	Excellent(5)	Already accredited courses	
Institution Budget (A)	Excellent(5)		
Details of central computing facility (A)	Good(4)		
Principals response on previous audit reports (A)	Excellent(5)		

### **Student Interaction**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Syllabus coverage (B)	Excellent(5)		
Lab Facility and conduct of Labs (B)	Excellent(5)		
Co-curricular facility (B)	Good(4)		
Extra-curricular facility (B)	Good(4)		
Transferring all intimation from University in time (B)	Excellent(5)		
Approach of the management in addressing student grievance (B)	Good(4)		
Availability of Faculty for all subjects (A)	Excellent(5)		
Any other remarks (C)	Excellent(5)	No remarks	
Extra fees/fine imposed on students (B)	Excellent(5)	No complaints	

### **Artificial Intelligence and Data Science-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Fair(3)		

Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Good(4)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		
Maintenance of A1, A2 and A3 files.	Excellent(5)		



Maintenance of B files.	Excellent(5)		
Maintenance of C and D files.	Excellent(5)		

#### **APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Fair(3)		As per the NBA norms the placement status is evaluated based on the number of eligible students (Those who do not have supplementary papers while they are in the 7th semester). KTU is also requested consider the number of eligible students rather than the total number of students for evaluating the placement status of the department.
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Good(4)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Excellent(5)		

Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		
Maintenance of A1, A2 and A3 files.	Excellent(5)		
Maintenance of B files.	Excellent(5)		
Maintenance of C and D files.	Excellent(5)		

#### **COMPUTER SCIENCE & ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Excellent(5)		
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		

Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		
Maintenance of A1, A2 and A3 files.	Excellent(5)		
Maintenance of B files.	Excellent(5)		
Maintenance of C and D files.	Excellent(5)		

**ELECTRONICS & COMMUNICATION ENGG-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
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Placement Status	Fair(3)		As per the NBA norms the placement status is evaluated based on the number of eligible students (Those who do not have supplementary papers while they are in the 7th semester). KTU is also requested consider the number of eligible students rather than the total number of students for evaluating the placement status of the department.
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		

Faculty evaluation and remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Excellent(5)		
Students attending MOOC or other online courses (B)	Excellent(5)		
Maintenance of A1, A2 and A3 files.	Excellent(5)		
Maintenance of B files.	Excellent(5)		
Maintenance of C and D files.	Excellent(5)		

#### **Computer Science and Design-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Not Relevant		
Class/course committee meetings and action taken report (B)	Not Relevant		
Advisory meetings and action taken report (B)	Not Relevant		
Syllabus coverage as per course plan (B)	Not Relevant		
Conduct of Tutorial Classes (B)	Not Relevant		
Evaluation of Answer Scripts (A):	Not Relevant		
Conduct of practical courses (B)	Not Relevant		
Evaluation of students performance in practical classes (A):	Not Relevant		
Facility to do experiments in the lab (A)	Not Relevant		

Conduct of remedial/minor/honours classes (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Assessment of Outcomes (A)	Not Relevant		
Faculty evaluation amp remarks of the HoD (A)	Not Relevant		
Conduct of Seminar, Project and Thesis (A)	Not Relevant		
Computing facility in the department (A)	Not Relevant		
Facility for co-curricular and extracurricular activities (B)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Maintenance of A1, A2 and A3 files.	Not Relevant		
Maintenance of B files.	Not Relevant		
Maintenance of C and D files.	Not Relevant		

#### **MECHANICAL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Fair(3)		As per the NBA norms the placement status is evaluated based on the number of eligible students (Those who do not have supplementary papers while they are in the 7th semester). KTU is also requested consider the number of eligible students rather than the total number of students for evaluating the placement status of the department.

Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Good(4)		
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		
Maintenance of A1, A2 and A3 files.	Excellent(5)		

Maintenance of B files.	Excellent(5)		
Maintenance of C and D files.	Excellent(5)		

### **CIVIL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Fair(3)		As per the NBA norms the placement status is evaluated based on the number of eligible students (Those who do not have supplementary papers while they are in the 7th semester). KTU is also requested consider the number of eligible students rather than the total number of students for evaluating the placement status of the department.
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Good(4)		
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Excellent(5)		



Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Fair(3)		
Maintenance of A1, A2 and A3 files.	Excellent(5)		
Maintenance of B files.	Excellent(5)		
Maintenance of C and D files.	Excellent(5)		

#### **ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Fair(3)		As per the NBA norms the placement status is evaluated based on the number of eligible students (Those who do not have supplementary papers while they are in the 7th semester). KTU is also requested consider the number of eligible students rather than the total number of students for evaluating the placement status of the department.

Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Good(4)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		
Maintenance of A1, A2 and A3 files.	Excellent(5)		

Maintenance of B files.	Excellent(5)		
Maintenance of C and D files.	Excellent(5)		

**CIVIL ENGINEERING(STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Fair(3)		
Class/course committee meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Facility in the department library for references (C)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Faculty with Ph.D for the program (A)	Excellent(5)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		

**COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)**

There are no admissions



**APJ Abdul Kalam Technological University**  
**CET Campus, Thiruvananthapuram**  
**Kerala -695016**  
**India**

**Academic Audit Report**  
**2021 - 2022**

**Basic Details**

Institution	<b>VIMALJYOTHI ENGINEERING COLLEGE</b>
First Auditor Name	<b>Aftab A Karim</b>
Second Auditor Name	<b>Aseem K</b>
Visit	<b>First</b>
Semester Type	<b>Odd</b>

**College Specific Assessments**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Compliance to the Academic Calendar of KTU (A)	Excellent(5)		
Functioning of students grievances and appeal committee (A)	Good(4)		
Functioning of Academic Discipline Welfare committee (A)	Good(4)		
Average student to faculty ratio (A)	Fair(3)		Satisfies the SFR prescribed by AICTE and NBA
Faculty Retention (A)	Good(4)		
Faculty Qualification Index (A)	Fair(3)		All the eligible undergraduate programme are accredited by NBA
Number of qualified technical staff (A)	Good(4)		

Facility of central library with respect to volume and title of books, online print journals (A)	Good(4)		
Functioning of IQAC and Progress of IQAC report uploading (A)	Good(4)		
Institution Budget (A)	Good(4)		
Details of central computing facility (A)	Excellent(5)		
Principals response on previous audit reports (A)	Excellent(5)		

### **Student Interaction**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Syllabus coverage (B)	Excellent(5)		
Lab Facility and conduct of Labs (B)	Excellent(5)		
Co-curricular facility (B)	Good(4)		
Extra-curricular facility (B)	Good(4)		
Transferring all intimation from University in time (B)	Excellent(5)		
Approach of the management in addressing student grievance (B)	Good(4)		
Availability of Faculty for all subjects (A)	Excellent(5)		
Any other remarks (C)	Fair(3)		Not Relevant
Extra fees/fine imposed on students (B)	Fair(3)		There is no extra fine/fee other than the prescribed fee structure agreed with Govt.

### **B.Tech**

<b>No of B.Tech Students</b>	1610
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**ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		

Facility for co-curricular and extracurricular activities (B)	Fair(3)		ample extra curricular activities are being organized by Physical Education, Arts club, NSS and various professional bodies student chapters such as IEEE,PES etc
Students attending MOOC or other online courses (B)	Excellent(5)		

#### **Artificial Intelligence and Data Science-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		

Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Fair(3)		
Students attending MOOC or other online courses (B)	Excellent(5)		

#### **APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		



Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Fair(3)		ample extra curricular activities are being organized by Physical Education, Arts club, NSS and various professional bodies student chapters such as IEEE etc
Students attending MOOC or other online courses (B)	Excellent(5)		

#### **COMPUTER SCIENCE & ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		

Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Fair(3)		ample extra curricular activities are being organized by Physical Education, Arts club, NSS and various professional bodies student chapters such as IEEE,ACM etc
Students attending MOOC or other online courses (B)	Excellent(5)		

#### **ELECTRONICS & COMMUNICATION ENGG-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		

Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Excellent(5)		

#### **Computer Science and Design-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		

Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Fair(3)		
Students attending MOOC or other online courses (B)	Excellent(5)		

#### **MECHANICAL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		

Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Fair(3)		ample extra curricular activities are being organized by Physical Education, Arts club, NSS and various professional bodies student chapters such as IEEE,SAE etc
Students attending MOOC or other online courses (B)	Excellent(5)		

**CIVIL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Fair(3)		ample extra curricular activities are being organized by Physical Education, Arts club, NSS etc

Students attending MOOC or other online courses (B)	Excellent(5)		
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### M.Tech

<b>No of M.Tech Students</b>	21
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### COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Facility in the department library for references (C)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Faculty with Ph.D for the program (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Fair(3)		
Students attending MOOC or other online courses (B)	Excellent(5)		

### ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
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Class/course committee meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Facility in the department library for references (C)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Faculty with Ph.D for the program (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Fair(3)		
Students attending MOOC or other online courses (B)	Excellent(5)		

**ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING AND SIGNAL PROCESSING)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Not Relevant		
Syllabus coverage as per course plan (B)	Not Relevant		
Evaluation of Answer Scripts (A):	Not Relevant		
Maintenance of course diary (A)	Not Relevant		



Faculty evaluation amp remarks of the HoD (A)	Not Relevant		
Facility in the department library for references (C)	Not Relevant		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Computing facility in the department (A)	Not Relevant		
Facility for co-curricular and extracurricular activities (B)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		

**MECHANICAL ENGINEERING(THERMAL ENGINEERING)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Not Relevant		
Syllabus coverage as per course plan (B)	Not Relevant		
Evaluation of Answer Scripts (A):	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Faculty evaluation amp remarks of the HoD (A)	Not Relevant		
Facility in the department library for references (C)	Not Relevant		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		

Computing facility in the department (A)	Not Relevant		
Facility for co-curricular and extracurricular activities (B)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		

**CIVIL ENGINEERING(STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Facility in the department library for references (C)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Faculty with Ph.D for the program (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Fair(3)		
Students attending MOOC or other online courses (B)	Excellent(5)		

**ELECTRONICS AND COMMUNICATION ENGINEERING(CONTROL AND INSTRUMENTATION)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
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Class/course committee meetings and action taken report (B)	Not Relevant		
Syllabus coverage as per course plan (B)	Not Relevant		
Evaluation of Answer Scripts (A):	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Faculty evaluation amp remarks of the HoD (A)	Not Relevant		
Facility in the department library for references (C)	Not Relevant		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Computing facility in the department (A)	Not Relevant		
Facility for co-curricular and extracurricular activities (B)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		



**APJ Abdul Kalam Technological University**  
**CET Campus, Thiruvananthapuram**  
**Kerala -695016**  
**India**

**Academic Audit Report**  
**2020 - 2021**

**Basic Details**

Institution	<b>VIMALJYOTHI ENGINEERING COLLEGE</b>
First Auditor Name	<b>Anto Sahaya Dhas</b>
Second Auditor Name	
Visit	<b>First</b>
Semester Type	<b>Odd</b>

**College Specific Assessments**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Compliance to the Academic Calendar of KTU (B)	Excellent(5)		
Functioning of students grievances and appeal committee (B)	Good(4)	No case is reported so far in the academic year 20-21	
Average student to faculty ratio (A)	Excellent(5)	Having good number of faculty members	
Faculty Qualification Index (A)	Poor(2)	Having only 18 Faculty with PhD	
Number of qualified technical staff (A)	Good(4)	Adequate diploma holders and ITI holders are available	
Facility of central library with respect to volume, title of books, online print journals (A)	Good(4)	Well-stocked library, with ebooks, print journals, e-journals. Invoice of EBS shown. The register must be authenticated by the Principal.	

Functioning of IQAC and Progress of IQAC report uploading (A)	Good(4)	Minutes has to authenticated by the IQAC coordinator	
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### Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Excellent(5)	Covered as per lesson plan	
Effectiveness of teaching/learning process	Excellent(5)	Effectively conducted classes through online platform - Google meet . Also recordings of the online classes were shared to the students	
Conduct of Labs (B)	Good(4)	Through online mode only - virtual labs	
Continuous assessment (B)	Excellent(5)	One assessment completed	
Interaction/discussion/doubt clearing etc (A)	Excellent(5)		
Net connectivity issue	Not Relevant	No issues	
Extra fees/fine imposed on students (B)	Not Relevant	No	
Approach of the management/institution in addressing student grievances (B)	Excellent(5)		
Availability of Faculty for all subjects (A)	Excellent(5)		
Any other remarks (C)	Excellent(5)	Nil	

### ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	S5 and S7- Conducted only one	

Advisory meetings and action taken report (B)	Excellent(5)	Signature of the Course Leader shall be added.	
Result analysis of previous odd semester (A)	Good(4)		
Syllabus coverage as per course plan (A)	Good(4)	Planned and Execution not matched with few course	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials and lectures are uploaded into google classroom	
Conduct of minor/honours classes (A)	Good(4)	Maintained.	
NPTEL/SWAYAM course materials recommended for reading (B)	Fair(3)	No Proof is maintained for recommending . only Few students details available for doing NPTEL Course	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	As per KTU and VJEC calendar.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Google Form is used for collecting details. Better to conduct after each module	
Conduct of series tests (A)	Excellent(5)	As per KTU calendar.	
Maintenance of course diary (A)	Good(4)	Course diary downloaded from Spaneoos was kept for all courses.	
Register showing Activity points (B)	Excellent(5)	Scanned copies of all the activities are uploaded.	
Conduct of laboratory classes with relevant details(A)	Good(4)	All the details are available. Video links are available in google classroom.	
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	Feedback details available. Students participation is very poor, almost all course it is below 50% . Remarks of HOD is missing	

**MECHANICAL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)	Signature of the Chairman shall be added.	
Advisory meetings and action taken report (B)	Excellent(5)	Signature of the Course Leader and HoD shall be added.	
Result analysis of previous odd semester (A)	Fair(3)	Results of S3 ME-A and S3 ME-B may be improved in the upcoming semesters.	
Syllabus coverage as per course plan (A)	Excellent(5)	No significant deviation from the plan observed.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Required details available.	
Conduct of minor/honours classes (A)	Excellent(5)	Required details available.	
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)	Dept. encourages the students to undergo such courses. The count of students taking such courses may be improved.	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Required details available.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)	Online feedback under process.	
Conduct of series tests (A)	Excellent(5)	Duly signed IQAC forms shall be maintained.	
Maintenance of course diary (A)	Excellent(5)	Required details available.	
Register showing Activity points (B)	Excellent(5)	Required details available.	
Conduct of laboratory classes with relevant details(A)	Excellent(5)	Required details available.	

Online Faculty evaluation and remarks of the HoD (A)	Excellent(5)	Feedback details available. Evidence of peer review initiated is found. The benchmark score selected for peer review may be shown.	
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### **CIVIL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Good(4)	S5 & S7 Class Committee meeting conducted and action taken report missing	
Advisory meetings and action taken report (B)	Good(4)	S3 Advisory meeting conducted and action taken report missing	
Result analysis of previous odd semester (A)	Excellent(5)	Available for all semesters	
Syllabus coverage as per course plan (A)	Excellent(5)	Lesson plan execution shown and Separate list of portion coverage not available	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Google classroom with materials and videos available	
Conduct of minor/honours classes (A)	Good(4)	Consolidated Honors list of the batch 2017-21 batch is not available MOOC course selected list available	
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)	Separate list not available Students with selected course details attached	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	First Internal assessment of theory completed and marks published	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)	Faculty feedback from spaneous available	



Conduct of series tests (A)	Excellent(5)	IA-1 completed the as per KTU academic calendar	
Maintenance of course diary (A)	Excellent(5)	Available for all courses	
Register showing Activity points (B)	Good(4)	S7 CEA&B till 2018-19 updated . S3 CE A&B updated S5 CEA&B not updated	
Conduct of laboratory classes with relevant details(A)	Good(4)	Rubrics for continuous evaluation not available Demonstration videos not provided Evaluation sheet with expt wise mark presented	
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	Online staff feedback taken and remarks by the HOD not available	

#### **ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
Result analysis of previous odd semester (A)	Excellent(5)		
Syllabus coverage as per course plan (A)	Fair(3)	Tutorial register missing.it would be better if there is a register for tutorial hours and its proof.	
Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)	Can be improved	
Conduct of minor/honours classes (A)	Good(4)	Student lists for honours students and status of MOOC courses undergo by honours students can be incorporated	

NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)	No materials of NPTEL for reading. Recommended to find some nptel course material and keep in a folder.	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Fair(3)	Documents to be shown for the same	
Conduct of series tests (A)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Register showing Activity points (B)	Excellent(5)		
Conduct of laboratory classes with relevant details(A)	Excellent(5)		
Online Faculty evaluation amp remarks of the HoD (A)	Fair(3)	Missing.it would be better if the same is included. Online classes feedback Should analyzed by HOD and countercheck	

#### **APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)	Verified report and minutes of committee meetings. Found satisfactory	
Advisory meetings and action taken report (B)	Excellent(5)	Verified report and minutes of committee meetings. Found satisfactory	
Result analysis of previous odd semester (A)	Fair(3)	Verified S3,S5 S5-45%- Fair results S3-35.7% .S7-?,S8?	

Syllabus coverage as per course plan (A)	Good(4)	Portions coverage is satisfactory. Currently 3rd or 4th modules running for most of the course	
Platform used for LMS/Course materials and lectures uploaded (A)	Poor(2)	Verified the details of LMS Platform: Google Classroom. Google Classroom is not being updated regularly with class videos etc?	
Conduct of minor/honours classes (A)	Fair(3)	Data verified for B Tech Honours. Only 01 student undergoing MOOC- No assessment details available. No minor course is offered from the department.	
NPTEL/SWAYAM course materials recommended for reading (B)	Poor(2)	No list of NPTEL course materials made available	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Verified relevant documents of the periodic assessment randomly from S3, S5, and S7. Relevant details available.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Fair(3)	Verified the feedback mechanism. Responses collected from students. Analysis/consolidation not done.	
Conduct of series tests (A)	Excellent(5)	Data verified randomly. Tests conducted, details are available-	
Maintenance of course diary (A)	Excellent(5)	. Course diaries are maintained as download from ERP- all relevant data are available	
Register showing Activity points (B)	Excellent(5)	Data verified. Consolidated activity points are available in excel	

Conduct of laboratory classes with relevant details(A)	Fair(3)	Data verified for B tech Honours. ? only 01 student-undergoing MOOC-No assessment details available. No minor course is offered from the department.	
Online Faculty evaluation amp remarks of the HoD (A)	Poor(2)	Data verified. Responses collected from students. No consolidation/analysis done	

### **COMPUTER SCIENCE & ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)	Signature of the Chairman shall be added.	
Advisory meetings and action taken report (B)	Excellent(5)	Signature of the Course Leader shall be added.	
Result analysis of previous odd semester (A)	Excellent(5)	Maintained in good manner.	
Syllabus coverage as per course plan (A)	Good(4)	There was no major deviation from the schedule.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials and lectures are uploaded into google classroom	
Conduct of minor/honours classes (A)	Good(4)		
NPTEL/SWAYAM course materials recommended for reading (B)	Fair(3)	Separate file is not maintained. But the details are available in the activity points file.	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	As per KTU calendar.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Online feedback was taken one for each class to understand the effectiveness.	

Conduct of series tests (A)	Excellent(5)	As per KTU calendar.	
Maintenance of course diary (A)	Good(4)	Course diary downloaded from Spaneoos was kept for all courses.	
Register showing Activity points (B)	Excellent(5)	Scanned copies of all the activities are uploaded.	
Conduct of laboratory classes with relevant details(A)	Excellent(5)	All the details are available. Video links are available in google classroom.	
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	Feedback details available. Department is planning a peer review for the faculties who scored less than the cutoff.	

**ELECTRONICS AND COMMUNICATION ENGINEERING(CONTROL AND INSTRUMENTATION)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant	No students	
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		

Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

#### **COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Good(4)	Required details available.	
Result analysis of previous odd semester (A)	Good(4)	Required details available	
Syllabus coverage as per course plan (A)	Good(4)	There was no major deviation from the schedule.	
Platform used for LMS/Course materials and lectures uploaded (A)	Fair(3)	All the lectures are not uploaded in google classroom.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Online feedback was taken to understand the effectiveness.	
Maintenance of course diary (A)	Good(4)	Soft copies are maintained.	
Conduct of Seminar Mini project (A)	Good(4)	Required details available. Signature of the authorities required in the office order.	
Faculty with Ph.D for the program (A)	Good(4)	Total number of faculties with PhD is three.	
Students attending MOOC or other online courses (B)	Poor(2)	Department should encourage the students to participate in MOOC/online courses	
Conduct of Thesis (A)	Good(4)	Required details available.	

#### **ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
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Class/course committee meetings and action taken report (B)	Not Relevant		
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

**ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING AND SIGNAL PROCESSING)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Good(4)	Required details available.	
Result analysis of previous odd semester (A)	Good(4)		
Syllabus coverage as per course plan (A)	Good(4)	There was no major deviation from the schedule.	
Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)	All the lectures are not uploaded in google classroom.	

The mechanisms for taking feedback as to whether the online classes are effective (B)	Poor(2)	Not done yet	
Maintenance of course diary (A)	Good(4)	Soft copies are maintained.	
Conduct of Seminar Mini project (A)	Good(4)	Required details available. Signature of the authorities required in the office order.	
Faculty with Ph.D for the program (A)	Good(4)	Total number of faculties with PhD is three.	
Students attending MOOC or other online courses (B)	Poor(2)	Department should encourage the students to participate in MOOC/online courses	
Conduct of Thesis (A)	Good(4)	Required details available.	

#### **MECHANICAL ENGINEERING(THERMAL ENGINEERING)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Not Relevant	No students	
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		



Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

**CIVIL ENGINEERING(STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Poor(2)	No data	
Result analysis of previous odd semester (A)	Good(4)		
Syllabus coverage as per course plan (A)	Excellent(5)		
Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Poor(2)		
Maintenance of course diary (A)	Good(4)		
Conduct of Seminar Mini project (A)	Good(4)		
Faculty with Ph.D for the program (A)	Good(4)		
Students attending MOOC or other online courses (B)	Poor(2)		
Conduct of Thesis (A)	Good(4)		



**APJ Abdul Kalam Technological University**  
**CET Campus, Thiruvananthapuram**  
**Kerala -695016**  
**India**

**Academic Audit Report**  
**2019 - 2020**

**Basic Details**

Institution	<b>VIMALJYOTHI ENGINEERING COLLEGE</b>
First Auditor Name	<b>JAGET BABU N R</b>
Second Auditor Name	
Visit	<b>First</b>
Semester Type	<b>Odd</b>

**College Specific Assessments**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Compliance to the Academic Calendar of KTU	Poor(2)	Class was started two weeks head of schedule, for S3 to / S7. Test date was after KTU schedule. Four tests have been conducted.	The classes were started as per the KTU calendar only.
Functioning of students grievances and appeal committee	Poor(2)	Principal said that no grievance were received. Document of Constitution of the committee was not shown. Option is for online submission. No signed or dated representations an be made.	No grievance was received in the current semester up to the audit date. However the previous records of activity of the committee were available.

Functioning of Academic Discipline & Welfare committee	Fair(3)	Document for constitution of committee is not seen. Members of committee have been written, no signature is seen. Only one meeting has been convened. Cases of beating, , physical manhandling, ragging have been recorded. Punishment like suspension for two weeks, one week have been seen.	Document for constitution of Academic Discipline and welfare committee was shown in digital format which was not accepted. The cases mentioned by the auditor are based on previous year records.
Facility for co- curricular and extracurricular activities	Fair(3)	Register showed university level participation. Original certificates were not furnished.	The original certificates are with the students.
Average student to faculty ratio	Excellent(5)	Have good number of faculty members	
Faculty Retention	Excellent(5)	Variation from Dec 2018 to Nov 2019 is from 150 to 130 (Current strength is 126	
Faculty Qualification Index	Fair(3)	Have 15 Ph D holders.	We are having more than one PhD holders in each department. Also we are satisfying the faculty ratio as per AICTE requirement. The rating seems to be unfair.
Number of qualified technical staff	Good(4)	adequate. Diploma holders and ITI holders are available.	
Facility of central library with respect to volume and title of books, online & print journals	Good(4)	Well-stocked library, with e-books, print journals, e-journals. Invoice of EBS shown. The register must be authenticated by the Principal.	We are having a well stocked library as per AICTE requirement. Based on audit manual statement, it can be rated as Excellent.

Functioning of IQAC and progress of IQAC report uploading	Good(4)	IQAC has been formed. Instead of HoDs senior faculty members can be members. Report has not yet been uploaded.	The provision for uploading the IQAC report in KTU portal is not yet enabled
Principal's response on previous audit reports	Excellent(5)	Response has been prompt.	

### Student Interaction

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Syllabus coverage	Good(4)	Semester started two weeks ahead of KTU scheduled date of commencement of semester. Classes are held on second and fourth Saturdays where there are unexpected holidays.	The classes were started as per the KTU calendar only. Factual error.
Lab Facility and conduct of Labs	Good(4)	Lab facility is good. In some cases two experiments were conducted in one lab session.	
Co-curricular facility	Poor(2)	Co-curricular activities are not encouraged. Rather NPTEL courses are preferred. One Tech Fest was conducted. Attendance is denied if students attend co-curricular activities outside the College in other Institutions.	Unfair statement.Attendance policy as given in the KTU regulations is followed.
Extra-curricular facility	Poor(2)	Participation in sports and arts are not encouraged. Attendance is denied in case of participation, even for placement participation.	University level participation details were shown and verified at college level.
All intimation from University conveyed properly in time	Poor(2)	Not all is informed. Management has its interest ahead of students. The fact of grievance and appeals committees is not intimated to students.	Vague statement not specifying the details. All communication from university are passed on the faculty and students through mail and Notices.

<p>Extra fees/fine imposed on students</p>	<p>Very Poor(1)</p>	<p>Rs 200 per year is charged for a certain matter. Rs 10000 is charged at the time of admission for value added course. No such course was offered. Workshops are not provided despite fee-payment. No deduction in hostel mess bill when there was a 10-day leave. Taking food from canteen and hostel mess is mandated. Visiting restaurants or eateries outside of the college is not permitted.</p>	<p>Rs 200 is charged for the answer booklets which is used for internal exams. The value addition fee is approved by Government of Kerala and we had conducted several courses for the students. The records are not verified by the auditor. A common deduction in mess bill (Rs 600) is done if the mess is closed for 10 days. Taking food from hostel mess is mandated for hostellers only. The students are permitted to visit the restaurants outside. It is a baseless allegation. As per KTU Audit manual it is clearly mentioned that grading should not be given for this but Auditor had given the grading</p>
<p>Approach of the management in addressing student grievances</p>	<p>Poor(2)</p>	<p>Only ragging issues are dealt with. Student grievances generally are not dealt with unless they are to the advantage of the Management. An expensive cell phone was confiscated. Student grievance in this regard was not considered. As of the date of audit the phone was not returned even at parents? request. The student is concerned that the battery would damage the phone</p>	<p>It is an unfair biased premeditated statement which spoils our institution reputation. In line with the college policy, students are not allowed to use mobile phones during college hours. Based on the college policy, the ceased mobile phone will be handed over to the student once he completes his course.</p>
<p>Availability of Faculty for all subjects</p>	<p>Excellent(5)</p>	<p>Faculty members are available for all subjects.</p>	

Any other remarks	Very Poor(1)	<p>Four internal tests, maximum marks 60. Two tests per day. Test for every module. Scholarship is awarded based on student behaviour. Girls are not allowed to go out to have food. Bus fees were paid but no seat availability. No class for comprehensive exam. No proper budget allocated for sports and arts. Fees for wi-fi are paid; but students are not allowed to use smartphones or laptops on campus. First-year and second-year students are not allowed to use mobile phones in hostel. Extra class for mentoring. Attendance is used as a threat against students. The behaviour of certain college authorities and security staff with girls is improper and bad. S1: six assignments per course are given. No student representation through election, rather there is heavy pressure for academic performance. Pre-enquiry suspension without proper enquiry. Forced to hand in apology in writing.</p> <p>M.Tech: Extra-curricular activities--no information. Training and placement--no information.</p> <p>Machines in lab are in order. They have to maintained. Inadequate facility in lab.</p>	<p>Many of the remarks seem to be based on here say and without making any effort to verify the facts and figures. The scholarships are provided purely based on the academic performance. Comprehensive exam is in the even semester. The budget allocation for sports and arts were not verified by the auditor. We are not charging any fee for using Wi-Fi. Students are allowed to use mobile phone after the college working hours.</p> <p>As per the NAAC requirement, mentoring hour is allotted. Attendance is followed based on KTU regulation. No complaint in the nature of improper behavior from the part of authorities and security staff with the girl students are reported so far. The number of assignments varies with course. The student election is conducted as per lyngdoh committee recommendation. The academic pressure is a subjective perception rather than ive observation. Pre-enquiry suspension is given on cases with primary evidence in which students involved in serious issues such as ragging, physical attack etc. Inadequate lab facility remark is contradictory with the previous remark mentioned in Lab Facility and conduct</p>
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		<p>Three test papers are conducted: 2 hours, 40 marks.</p> <p>Co-curricular activity is not carried out. Intimation from University is not prompt.</p> <p>Postponment of exam has not been intimated.</p> <p>Fine is charged for late payment of fees.</p> <p>Faculty is available to teach all subjects.</p> <p>Approach of management is redressing student grievance is discouraging, no solution can be expected.</p> <p>Visits to shops to buy material for project work is not permitted. Attendance will be denied in such cases.</p>	<p>of Labs section. A late fee of Rs 100 is charged for delayed payments irrespective of the delay period. This seems to be an offhand remark. Attendance is given based on KTU regulation.</p>
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### B.Tech

<b>No of B.Tech Students</b>	1523
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### APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report	Poor(2)	<p>Course committee meeting for S1 has been conducted. But the agenda in the regulation has to be followed.</p> <p>Minutes of class committee meetings of S3, S5, S7 have not been shown.</p>	Minutes of class committee meetings of S3, S5 and S7 were shown. It is an error.



Advisory meetings and action taken report	Fair(3)	Minutes of meetings were shown. But the intent of the regulation, R4.1 to R4.9, is not reflected in the minutes. Action taken report not available/	Advisory meetings for S1 were conducted as per KTU guidelines. Action taken report was filed, but not checked by the auditor.
Schedule of Time Table	Good(4)	Some lab sessions are seen set in the morning session (Forced circumstances)	
Conduct of Tutorial Classes	Fair(3)	Tutorial sessions have been conducted. Details, mode of conduct and effectiveness are not shown. Tutorial log book must be given importance.	Tutorial log registers for all the classes were kept and shown.
Conduct of series tests	Poor(2)	Details are not shown in course diary. Rather software-generated digital documentation is furnished in course file. The practice followed is to set a test for every module in addition to three other tests and a model examination. It is a fair conclusion that University prescribed test 1 did not cover two and a half modules.	Details are entered in ERP and reports can be downloaded at anytime. Students and parents can log-in. Test 1 is splitted into 2 tests with the portion of 3 modules are covered.
Syllabus coverage of practical course	Fair(3)	Coverage is adequate. But course diary is not used for documentation. Log book of equipment is not available. Printed work-record is in use. There is no indication that completion of calculations etc was done in the lab itself. Software-generated document is in use	Details are entered in ERP and reports can be downloaded at anytime. Also, downloaded course diary shown to the Auditor. Log book was kept in all the labs but the entries for the consumables only. All the calculations entered in the work record book.

Evaluation of students performance in practical classes	Poor(2)	An average of seven to eight experiments have been done. There is no indication that work record was evaluated on the same day and viva voce conducted in each lab class because course diary, not being in general use, did not reveal relevant information. Rather software-generated documentation is used to record this aspect. Digital documentation does not reveal the ?time aspect? of student performance in the lab.	Completed all the experiments as per KTU syllabus. The details of the evaluation are entered in the work record book itself.
Conduct of Practical test	Fair(3)	For some labs test was over and for others schedule is for a later date.	As per college calendar, practical tests were conducted.
Facility to do experiments in the lab	Fair(3)	All facility is available. But stock register, log register need refinement.	All registers are kept in all the labs.
Conduct of remedial/minor/honours classes	Fair(3)	Remedial class has been carried out. Details and effectiveness are not shown. A formal register is needed.	Registers for remedial classes were kept and file honors were maintained
Assessment of Outcomes	Poor(2)	CO assessment has not been done for any course of S1.	Internal examinations and assignments are used to assess the outcomes. Attainment calculations are regularly done as per NBA requirement.

Faculty evaluation & remarks of the HOD	Fair(3)	Two evaluations were carried out. The criteria are good. Teacher-improvement issuing from the evaluation is not in evidence. The evaluation sheet is not simple, it is software-generated, appears cluttered. Remarks of HOD is not seen	Evaluation reports for all courses were kept and shown. The performances of all faculties were above the average.
Facility in the department library for references	Good(4)	Good number of books are available. The register is not validated with signature of the authority.	
Maintenance of course diary	Very Poor(1)	Course diary is not in much use. Rather software-generated documentation is favoured. The practice followed is to paste print-outs on the pages of the course diary.	Digital course diaries for all the courses were kept.
Syllabus coverage as per course plan	Fair(3)	Information is not provided in the course diary. Information is furnished in software-generated documents. Such cannot be taken as a valid document in view of the ?time element? factor.	

#### **COMPUTER SCIENCE & ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report	Fair(3)	Minutes of meetings do not show that agenda of the regulation has been considered. The document is not simple, because digital documentation has been used.. Action taken is not seen	Action Taken Report is attached with the Class / Course Committee meetings.

Advisory meetings and action taken report	Fair(3)	Academic matters are seen to be discussed. Though not excluded the purpose of advisory meetings go beyond academic matters. Advice should attempt to bring students to academic growth where there is departure from academic pursuit. Advisory committee should be formed (HOD, Dept academic coordinator, all faculty members of the class)	According to KTU regulation the following members are included in advisory committee. Senior Faculty Advisor Faculty Advisor Students Faculty handling subjects
Schedule of Time Table	Good(4)	Some practical courses have been set in the morning. (forced circumstances)	
Conduct of Tutorial Classes	Fair(3)	Three teachers are preferable for tutorial class where the strength is 60. Avoid lecture during tutorial class.	
Conduct of series tests	Poor(2)	Details are not shown in course diary. Rather software-generated digital documentation is furnished in course file. The practice followed is to set a test for every module in addition to three other tests and a model examination. It is a fair conclusion that University prescribed test 1 did not cover two and a half modules. .	
Syllabus coverage of practical course	Fair(3)	Course diary does not indicate syllabus coverage as timely entries had not been made. Details are not in course diary.	The coverage is logged in the course diary with date of completion.

Evaluation of students performance in practical classes	Fair(3)	Marks are not seen in course diary. A separate document is in use (digital). Clarity is missing this document.	
Conduct of Practical test	Fair(3)	Will be scheduled. Test must conform to regulations.	
Facility to do experiments in the lab	Fair(3)	Facility is adequate. Stock register, log register need proper maintenance.	
Conduct of remedial/minor/honours classes	Fair(3)	Booster class was carried out. Documentation must be improved.	
Assessment of Outcomes	Fair(3)	Digital documents have been pasted. Software is used for assessment. Do for courses of S1.	
Faculty evaluation & remarks of the HOD	Fair(3)	Two evaluations done, online. Remarks of HoD are not seen. Improvement must be documented.	Done for the ongoing semester.
Facility in the department library for references	Fair(3)	Adequate number of books. Maintain proper register, attested by authority.	
Maintenance of course diary	Fair(3)	Course diary is not in much use. Rather software-generated documentation is favoured. The practice followed is to paste print-outs on the pages of the course diary.	
Syllabus coverage as per course plan	Fair(3)	Though it is guessed coverage is adequate, documentation in course diary is not proper.	

**ELECTRONICS & COMMUNICATION ENGG-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report	Fair(3)	A sample shows meeting was conducted. Agenda has to be similar to that in the regulation. Action taken report not seen.	ATR was available with the report
Advisory meetings and action taken report	Fair(3)	Meeting is conducted. NO action taken report. Agenda must be similar to that given in regulation.	ATR was available with the report
Schedule of Time Table	Good(4)	Workshop is seen scheduled in the morning. (Forced circumstances)	
Conduct of Tutorial Classes	Fair(3)	Conduct is recorded. But details are desirable	
Conduct of series tests	Very Poor(1)	Details are not shown in course diary. Rather software-generated digital documentation is furnished in course file. The practice followed is to set a test for every module in addition to three other tests and a model examination. It is a fair conclusion that University prescribed test 1 did not cover two and a half modules.	All the details related to the series test, Question paper marks awarded are available in digital format in CMS .Test 1 2 together covers 3 modules
Syllabus coverage of practical course	Fair(3)	Course diary is not much used. But coverage is adequate.	
Evaluation of students performance in practical classes	Very Poor(1)	Details are not found in course diary. Digital documentation is used. Marks given per weekly session for a lab work is only ten.	Available in digital format with marks to each experiment out of 70.
Conduct of Practical test	Fair(3)	Will be scheduled.	Scheduled and completed.

Facility to do experiments in the lab	Poor(2)	On visiting lab it was found locked, as lab staff was not available. Oral report affirms adequate facility.	Audit was conducted after the normal working hours( 4.40PM) and deviated from the schedule given (9.45 AM) by the auditor
Conduct of remedial/minor/honours classes	Fair(3)	Remedial class is conducted (Booster class). More details have to be shown. Maintain log register. assessment is also needed.	
Assessment of Outcomes	Poor(2)	Not done for courses of S1.	Internal examinations and assignments are used to assess the outcomes. Attainment calculations are regularly done as per NBA requirement.
Faculty evaluation & remarks of the HOD	Fair(3)	Evaluation is done. Digital documentation has been used. They are very heavy (excessive(. hard copy not available.	Hard copy submitted to the auditor.
Facility in the department library for references	Good(4)	Adequate books are available.	
Maintenance of course diary	Poor(2)	Course diary is not in much use. Rather software-generated documentation is favoured. The practice followed is to paste print-outs on the pages of the course diary.	Software generated course diary is filed at the end of the semester
Syllabus coverage as per course plan	Fair(3)	Information is not provided in the course diary. Information is furnished in software-generated documents. Such cannot be taken as a valid document in view of the ?time element? factor.	

**MECHANICAL ENGINEERING-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Fair(3)	Minutes show that meeting were conducted. But agenda must be that given in the regulation.	Class/Course meeting conducted as per regulation and same is minuted with action points .ATR is part of the minutes proforma. Academic matters are discussed in the meeting .Any matter other than academics discussed by students is also referred to the Principal/Management.
Advisory meetings and action taken report	Fair(3)	Constitution of Committee is not seen. Agenda must be similar to that given in the regulation.	Advisory Committee is constituted by HOD,ME by ME office order 17/A and B /2019 dated 16 Jul 19. as per KTU regulations. SFA was appointed by the Principal on recommendation of HOD. Meetings conducted and minutes recorded with action points. Meeting register with order was submitted to the auditor, however, auditor has not gone through the documentation properly.
Schedule of Time Table	Good(4)	Some labs are scheduled in the morning session. (Forced circumstances)	Time table is prepared well in advance taking account of all subjects, faculty conflicts and academic calendar .All labs are conducted as per syllabus and regulations
Conduct of Tutorial Classes	Fair(3)	Conduct is seen . Proper detailed information is needed in the tutorial log book.	Tutorial class conducted and data recorded in a register. Attendance, class work and other details etc are maintained in a file and same was submitted to the auditor. Basis of remarks by auditor is not understood.



<p>Conduct of series tests</p>	<p>Poor(2)</p>	<p>Details are not shown in course diary. Rather software-generated digital documentation is furnished in course file. The practice followed is to set a test for every module in addition to three other tests and a model examination. It is a fair conclusion that University prescribed test 1 did not cover two and a half modules.</p>	<p>04 series test and 01 resit test are conducted as per continuous academic assessment policy of the college. Every test has 1.5 modules .04 tests covers the wholes syllabus systematically. Vimal jyothi has a comprehensive digital data capturing system dhi-Spaneos. Every marks and attendance is updated in the software and is locked after a correction period. Series test marks, assignment marks, attendance are entered . Every question paper is quality audited online and approved by HOD. Question papers are mapped with CO s, and Blooms taxonomy level in aid of attainment calculation as part of Outcome based education assessment. For I st year students, Final exam is configured as model examination to enable student to become familiar with exam pattern in the oncoming university examination.</p>
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Syllabus coverage of practical course	Poor(2)	Two samples of course diary selected did not show confirmation of this aspect.	All lab classes are conducted as per syllabus . A well designed lab manual /record book is supplied to students, Evaluation is based on well designed rubrics for each experiment and work. Continuous evaluation marks are entered in evaluation sheet and updated in the ERP in a regular manner. Auditor has refused to see any documentation. He has also refused to see lab records, and course files presented to him.
Evaluation of students performance in practical classes	Fair(3)	Marks are not entered in course diary. Rather online digital documentation is used for this purpose. Course diary is required.	Marks are entered in lab records, continuous evaluation sheet and in ERP- Spaneous. Auditor has refused to see any documentation presented to him.
Conduct of Practical test	Fair(3)	Scheduled.	All practical tests are planned and conducted as per regulations
Facility to do experiments in the lab	Fair(3)	Facility is available. Stock register and log register need refinement.	All labs are well maintained. Stock register, consumable register, ,maintenance register and equipment log cards are all well maintained and updated.. Observation of the auditor is baseless.
Conduct of remedial/minor/honours classes	Fair(3)	Digital documentation shows conduct of remedial class. Action taken report is not seen.	Identified students are given remedial classes. Remedial class file and records were shown to the auditor. Basis of auditor remarks not understood

Assessment of Outcomes	Poor(2)	Not done for courses of S1.	<p>Department has already submitted SAR for NBA accreditation and expected to be visited by NBA team mid January 2020.</p> <p>Attainment calculation for all completed semester from 2016 is available.</p> <p>Current semester calculation is pending due to , pending data of internal exams, university results. But auditor has refused to see the files. Current semester every process in the department conforms to outcome base education per NBA norms.</p>
Faculty evaluation & remarks of the HOD	Fair(3)	Digital documentation was shown. Hard copies are not available. Remarks of HOD not seen.	<p>Faculty appraisal is submitted every year for every faculty. 03 feed back taken from students.</p> <p>Auditor has refused to see the appraisal file. He was shown digitized feed back proforma and printouts.</p> <p>Auditor was reluctant see any documentation digitally or otherwise.</p>
Facility in the department library for references	Fair(3)	A large number of books is available. But the document showing the resources has not been authenticated with signature.	All the department library books are taken in charge and documented properly.

Maintenance of course diary	Poor(2)	Course diary is not in much use. Rather software-generated documentation is favoured. The practice followed is to paste print-outs on the pages of the course diary.	Every faculty maintains course file with every records Moreover, Vimal Jyothi has a comprehensive digital data capturing system. dhi-spneos. Every lesson is planned and executed in the ERP by the faculty. Marks and attendance is updated in the software and is locked after a correction period. Series test marks, assignment marks, attendance are all entered. Hard copy of the course diary can be generated by faculty at any time. Hard copy printout was not taken to avoid wastage of large amount of paper.
Syllabus coverage as per course plan	Fair(3)	Information is not provided in the course diary. Information is furnished in software-generated documents. Such cannot be taken as a valid document in view of the ?time element? factor.	Faculty plan the lesson before the start of classes as per timetable and same is executed after every class. Execution of class and progress regularly monitored by HOD/Principal through ERP-Spneos

#### **CIVIL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report	Fair(3)	Minutes of meetings were shown. Action taken report not seen. The agenda of the meeting must conform to that in the regulation.	Minutes and Action taken report combined. Every class committee verifies previous ATR
Advisory meetings and action taken report	Fair(3)	Meeting was carried out. The intent of the meeting as spelled out in R4.1 to R4.9 must be incorporated.	Meeting conducted as as Per KTU regulations And minutes , ATR etc available

Schedule of Time Table	Poor(2)	Document was not shown.	Auditor has not asked any supporting document. College timetable is published well ahead of commencement of semester and available in College website
Conduct of Tutorial Classes	Fair(3)	Tutorial class conducted. But details of conduct are not seen in the log .	Audit was conducted from 5.15PM to 6PM in that 45 minutes auditor could not verify many of the document.
Conduct of series tests	Very Poor(1)	Details are not shown in course diary. Rather software-generated digital documentation is furnished in course file. The practice followed is to set a test for every module in addition to three other tests and a model examination. It is a fair conclusion that University prescribed test 1 did not cover	Not Ready to look software generated Course Diary. We are following four internal exam, of which 3 modules covers for first and second internal exam in order to the performance and reducing the academic pressure
Syllabus coverage of practical course	Fair(3)	Finished all the stipulated experiments early. Performed two experiments per session. Printed work-record is in use.	Done as Per KTU syllabus and rating is bias

Evaluation of students performance in practical classes	Fair(3)	Required number of experiments have been carried out.. There is no indication that work record was evaluated on the same day and viva voce conducted in each lab class because course diary, not being in general use, did not reveal relevant information. Rather software-generated documentation is used to record this aspect. Digital documentation does not reveal the ?time aspect? of student performance in the lab. Work is extensive requiring more than three hours. Printed work-record is used.	Online entry of exam and class viva are carried out and verified by student and parent on line
Conduct of Practical test	Fair(3)	Test has been conducted for 30 marks as required by the regulations.	
Facility to do experiments in the lab	Fair(3)	All facility is available. But stock register, log register need refinement.	
Conduct of remedial/minor/honours classes	Fair(3)	Remedial class has been conducted. Details and effectiveness not mentioned. Digital documentation is used. Log register is not in use.	

Assessment of Outcomes	Very Poor(1)	Not carried out for courses of S1. But online document for other semesters are available.	Department has already submitted SAR for NBA accreditation and expected to be visited by mid January 2020. Attainment calculation for all completed semester from 2016 is available. Current semester calculation is pending due to , pending data of internal exams, university results. Auditor has refused to see the files. Current semester every process in the department conforms to outcome based education as per NBA norms
Faculty evaluation & remarks of the HOD	Fair(3)	Evaluation has been carried out online. Documents are not simple. There is much extra information. Two times evaluation has been done. Remarks of HOD is missing. Action taken report is needed.	On line system. As per KTU , NBA and NACC all documents with us. He could not verify the same.
Facility in the department library for references	Fair(3)	A good number of books are available. But the document/register is not signed to authenticate the resource.	Document was not verified
Maintenance of course diary	Very Poor(1)	Course diary is not in much use. Rather software-generated documentation is favoured. The practice followed is to paste print-outs on the pages of the course diary.	Software generated course diary is filed at the end of the semester

Syllabus coverage as per course plan	Fair(3)	Information is not provided in the course diary. Information is furnished in software-generated documents. Such cannot be taken as a valid document in view of the ?time element? factor.	
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#### **ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report	Fair(3)	The agenda of the meetings must be similar to that given in the regulation. Include action-taken report.	Properly maintaining Class/course committee meetings minutes and action taken report
Advisory meetings and action taken report	Fair(3)	The intent of the regulation must be reflected in the discussion of the meetings.. Action taken report needs to be included. All students did not attend the meeting.	The senior faculty advisor chaired the meeting and all the faculty members and selected students are attended Files are maintaining
Schedule of Time Table	Good(4)	Lab is seen to be scheduled in the morning. Duration of a period is one hour which is satisfactory. Schedule practicals in the afternoon.(forced circumstances)	As per the availability of the lab session centralized lab time table is scheduled
Conduct of Tutorial Classes	Poor(2)	Details are not seen in the document. Add more details according to the audit manual. Theory class is seen to be conducted during tutorial period.	We are conducting tutorial classes as per the time table and keeping all the documents but unfortunately auditor not verified the documents.



Conduct of series tests	Poor(2)	<p>Details are not shown in course diary. Rather software-generated digital documentation is furnished in course file. The practice followed is to set a test for every module in addition to three other tests and a model examination. It is a fair conclusion that University prescribed test 1 did not cover two and a half modules. .</p>	<p>For S3, S5, S7 we are conducting 4 internal tests with questions covering 1.5 modules in each test (1.5*4=6 Modules). For S1 we are conducting 3 tests covering 4 modules and the model exam covering entire modules. We are keeping a hard copy of the course file. The contents of the course file are 1. Vision, Mission, PO, PSPO, 2. Course diary, 3. semester plan, assessment plan, time table (class and faculty time table) 4. previous year university question paper, 5. course/class committee meeting report, 6. IQAC completed series question paper with answer scheme and sample sheet, 7. IQAC completed Assignment question and sample assignment, 8. Report by faculty and study materials Also, hard copy of the digitalized course book is maintaining</p>
Syllabus coverage of practical course	Poor(2)	<p>Coverage is adequate. Details not entered in course diary. Equipment log register is not available. Printed work-record is in use. As online documentation is in use, it is difficult to ascertain if the calculations etc were done in the lab. It is seen that two experiments were done in a lab session.</p>	<p>Files and equipment log register are not verified All documents are available. Equipment log register is also available</p>

Evaluation of students performance in practical classes	Poor(2)	Details of this aspect are not in course diary, but in online documentation. Hence assessing this aspect is not easy.	In lab records rubrics are maintaining for students performance. And marks are allotting in the lab record day ways. But lab records are not verified
Conduct of Practical test	Fair(3)	Test conducted was adequate, though early	As per the college academic calendar tests were conducted
Facility to do experiments in the lab	Fair(3)	Facility is adequate. Stock register, log register need to be properly maintained.	Stock register, log register is maintaining properly Register not verified
Conduct of remedial/minor/honours classes	Fair(3)	They conduct booster class. How it was delivered is not mentioned. Digital documentation is used. Assessment of the class is not made.	We are keeping proper register for booster class with time table and list of students attending. The students were identified based on the previous test results (band classification) Register not verified
Assessment of Outcomes	Poor(2)	Not done for courses of S1	Yet to be planned in college level
Faculty evaluation & remarks of the HOD	Fair(3)	Two evaluations were done. Online evaluation. Document is not simple, it is cluttered. remarks of HOD are not seen. Improvement is not documented.	Files are available Not verified
Facility in the department library for references	Fair(3)	Books are available (300) Register not shown.	Register is available
Maintenance of course diary	Poor(2)	Course diary is not in much use. Rather software-generated documentation is favoured. The practice followed is to paste print-outs on the pages of the course diary.	Course diary is regularly maintaining for marking attendance and in the course file hard copy of the software generated course diary, contains all the details is maintained.

Syllabus coverage as per course plan	Fair(3)	Information is not provided in the course diary. Information is furnished in software-generated documents. Such cannot be taken as a valid document in view of the ?time element? factor.	Preplanned lesson execution is done in software
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### M.Tech

<b>No of M.Tech Students</b>	38
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### ELECTRONICS AND COMMUNICATION ENGINEERING(CONTROL AND INSTRUMENTATION)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Not Relevant	No enrollment	
Syllabus coverage as per course plan	Not Relevant		
Class committee meetings and action taken report	Not Relevant		
Conduct of Seminar & Mini project	Not Relevant		
Conduct of Thesis	Not Relevant		
Faculty with Ph.D for the program	Not Relevant		
Students attending MOOC or other online courses	Not Relevant		
Facility in the department library for journal reference	Not Relevant		
Computing facility in the department	Not Relevant		
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant		

### COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Fair(3)	Use of course diary has to be improved considerably. Digital documentation is in use.	
Syllabus coverage as per course plan	Poor(2)	The digital document showed lacks clarity to assess this aspect.	Portions are covered as per the approved lesson plan
Class committee meetings and action taken report	Fair(3)	Meeting conducted. Agenda must be that in the regulation/ Action taken report is not seen.	
Conduct of Seminar & Mini project	Fair(3)	Conducted. But it must be ensured that it follows regulatins	
Conduct of Thesis	Not Relevant	S4 is not in session.	
Faculty with Ph.D for the program	Fair(3)	Three Ph.D holders are available. Three are pursuing.	
Students attending MOOC or other online courses	Fair(3)	A few final year students are studying Blockchain.	
Facility in the department library for journal reference	Poor(2)	Not available in Dept library.	
Computing facility in the department	Fair(3)	Research lab with FOSS is available.	
Facility available in the department to do thesis work(all relevant licensed software)	Fair(3)	Licensed software is not available. FOSS is available.	

#### **ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Not Relevant	No enrollment	
Syllabus coverage as per course plan	Not Relevant		
Class committee meetings and action taken report	Not Relevant		

Conduct of Seminar & Mini project	Not Relevant		
Conduct of Thesis	Not Relevant		
Faculty with Ph.D for the program	Not Relevant		
Students attending MOOC or other online courses	Not Relevant		
Facility in the department library for journal reference	Not Relevant		
Computing facility in the department	Not Relevant		
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant		

**ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING AND SIGNAL PROCESSING)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Maintenance of course diary	Poor(2)	Only online documentation is maintained (digital documentation)	Available but not audited.
Syllabus coverage as per course plan	Fair(3)	Not mentioned in course diary--only digital documentation.	
Class committee meetings and action taken report	Very Poor(1)	Documents not shown.	Available
Conduct of Seminar & Mini project	Very Poor(1)	Marks not entered in course diary. For evaluation, no document was shown.	Evaluation not completed
Conduct of Thesis	Not Relevant	S4 is not is session	
Faculty with Ph.D for the program	Fair(3)	Only 2. Four are pursuing the work.	
Students attending MOOC or other online courses	Poor(2)	None is doing MOOC courses	

Facility in the department library for journal reference	Fair(3)	Not available in Dept library. But it is available in central library.	
Computing facility in the department	Good(4)	There is a research lab with three softwares	
Facility available in the department to do thesis work(all relevant licensed software)	Good(4)	Three licensed software are available.	

#### **MECHANICAL ENGINEERING(THERMAL ENGINEERING)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Maintenance of course diary	Not Relevant	No enrollment	
Syllabus coverage as per course plan	Not Relevant		
Class committee meetings and action taken report	Not Relevant		
Conduct of Seminar & Mini project	Not Relevant		
Conduct of Thesis	Not Relevant		
Faculty with Ph.D for the program	Not Relevant		
Students attending MOOC or other online courses	Not Relevant		
Facility in the department library for journal reference	Not Relevant		
Computing facility in the department	Not Relevant		
Facility available in the department to do thesis work(all relevant licensed software)	Not Relevant		

#### **CIVIL ENGINEERING(STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
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Maintenance of course diary	Poor(2)	Online, digital documentation is in use	Document was not verified by the Auditor
Syllabus coverage as per course plan	Fair(3)	Course diary does not indicate. Only digital documentation is available.	Document was not verified by the Auditor
Class committee meetings and action taken report	Fair(3)	Minutes have been shown. No action-taken report	
Conduct of Seminar & Mini project	Fair(3)	Course diary does not show information. Digital documentation is in use. One evaluation carried, no date is shown.. Maximum mark is 100 for the evaluation	He completed the checking for UG and PG within 45 minutes @ 6.00 PM in late evening
Conduct of Thesis	Not Relevant	S4 is not in session.	
Faculty with Ph.D for the program	Good(4)	Four Ph.D holders including the principal are available.	
Students attending MOOC or other online courses	Poor(2)	None is pursuing MOOC courses.	
Facility in the department library for journal reference	Poor(2)	No resources in the Dept Library	E journals on many titles are available and accessed by the students by their login
Computing facility in the department	Fair(3)	The facility is shared with B.Tech students.	36 system
Facility available in the department to do thesis work(all relevant licensed software)	Good(4)	Research lab is available with three licensed soft wares.	



**APJ Abdul Kalam Technological University**  
**CET Campus, Thiruvananthapuram**  
**Kerala -695016**  
**India**

**Academic Audit Report**  
**2018 - 2019**

**Basic Details**

Institution	VIMALJYOTHI ENGINEERING COLLEGE
First Auditor Name	M K GIRIDHARAN
Second Auditor Name	
Visit	First
Semester Type	Odd

**General Assessment**

Auditor's Comment	Principal's Response
Comments attached. Since the College has initiated action for NAAC accreditation, modified filing systems have to be followed in certain cases. Copies of all important files may be kept in IQAC.	

**College Specific Assessments**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Good(4)	Professionally designed format to be used for all published documents like attendance statements ,assignment marks, Internal test marks etc	
Functioning of students grievances and appeal committee	Good(4)	Procedure of constitution of the committee, notice of meeting, minutes ,follow up action etc are to be standardised.	



Functioning of Academic Discipline & Welfare committee	Good(4)	--do--	
Student feedback on co-curricular and extracurricular activities	Good(4)	Generally happy with the facilities	
Average student to faculty ratio index	Excellent(5)	1.29. Based on the list of faculty supplied and sanctioned strength	
Progress of Monthly report uploading	Good(4)	IQAC coordinator shall make sure that the scheduled dates of meetings are adhered to strictly.	
Principal's response ON previous audit reports	Good(4)	The principal's response may be entered against the auditors remarks positively.	

### B.Tech

<b>No of B.Tech Students</b>	1534
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### ELECTRONICS & COMMUNICATION ENGG-(Full Time)

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Good(4)	Scheduled dates not followed as per KTU academic calendar	
Schedule of Time Table	Good(4)	Format may be modified to add more features and endorsements	
Attendance of students	Good(4)	Format to be modified to get more clarity	
Quantity & Quality of Assignments/Mini Projects	Good(4)	There is scope for improvement	
Conduct of Tutorial Classes	Good(4)	Tutorial logs to contain more information	

Syllabus coverage as per course plan	Good(4)	Were able to cover up the lost working days due to floods, since they started the semester two weeks earlier.	
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)	Day to day evaluation to be assured. Quality of experiments can be improved.	
Syllabus coverage of practical courses	Good(4)	experiments beyond the syllabus can be tried if time permits.	
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)	Booster classes being arranged for weak students after regular hours on 3 days.	
Maintenance of course diary	Good(4)	All evaluation parameters to be entered in the course diary.	
Faculty evaluation by students	Good(4)	conducted 3 times in a semester. Only consolidated classwise copy needs to be filed.	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Poor(2)	Overall pass %= 48.83 Must improve.	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in course diary.	
Quality & Progress of projects	Good(4)	There is scope for improvement. Mark distribution to be entered in course diary.	

**MECHANICAL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Good(4)	Scheduled dates for the meeting were not being adhered to. Constitution ,notice for the meeting, follow up action etc have to be properly filed.	
Schedule of Time Table	Good(4)	The format of time table may be modified to add more features and endorsement.	
Attendance of students	Good(4)	The format for publication of the attendance statements may be modified	
Quantity & Quality of Assignments/Mini Projects	Good(4)	There is scope for improvement	
Conduct of Tutorial Classes	Good(4)	Tutorial log book shall contain more information	
Syllabus coverage as per course plan	Good(4)	Were able to cover up the lost workingdays due to the flood, since they started regular classes two weeks earlier than the scheduled start.	
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)	Day today evaluation of the students have to be assured by all faculty handling practical sessions.	
Syllabus coverage of practical courses	Good(4)	Experiments covering beyond syllabus can be considered if time permits	
Evaluation of students performance in practical classes	Good(4)		

Conduct of remedial/bridge classes	Good(4)	Booster classes in the evening hours after regular working time are being arranged for weak students .	
Maintenance of course diary	Good(4)	All evaluation results must be entered in the course diary.	
Faculty evaluation by students	Good(4)	3 feed backs are taken during the semester. Only class wise consolidated hard copy needs to be filed. This is a confidential document and must be kept with hod and Principal.	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Poor(2)	overall pass =41.69(Poor). Must be improved.	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in course diary.	
Quality & Progress of projects	Good(4)	Mark distribution to be entered in course diary	

#### **CIVIL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Good(4)	Scheduled dates are not seen followed. Constitution,notice of the meeting, follow up actions etc are to be filed.	
Schedule of Time Table	Good(4)	Format may be modified to add more features and authentications.	
Attendance of students	Good(4)	Format needs to be modified.	

Quantity & Quality of Assignments/Mini Projects	Good(4)	There is scope for improvement.	
Conduct of Tutorial Classes	Good(4)	Log sheets to contain more informations.	
Syllabus coverage as per course plan	Good(4)	Were able to cover uthe lost working days ,since they started before the scheduled dates.	
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)	Day to day evaluations must be assured.	
Syllabus coverage of practical courses	Good(4)	contents beyond syllabus can be introduced if time permits.	
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)	Booster classes are being arranged for 3 days a week for the weak students.	
Maintenance of course diary	Good(4)	All evaluation parameters to be recorded in the course diary.	
Faculty evaluation by students	Good(4)	3 feed backs taken per semester. Need file only class wise consolidated score sheets.	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)	Overall pass % =56.37. Can improve.	
Conduct of seminar classes	Good(4)	Distribution of marks to be recorded in the course diary.	

Quality & Progress of projects	Good(4)	Can improve. Evaluation data should be recorded in the course diary.	
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### **ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Good(4)	Scheduled dates not followed. Hard copy of constitution,notice of the meeting, follow up etc shall be filed.	
Schedule of Time Table	Good(4)	Format may be modified to add more features and endorsements.	
Attendance of students	Good(4)	Format may be modified to add more clarity.	
Quantity & Quality of Assignments/Mini Projects	Good(4)	Can be improved.	
Conduct of Tutorial Classes	Good(4)	Log book to contain more information.	
Syllabus coverage as per course plan	Good(4)	Were able to cover up the lost days due to floods, since they started the classes two weeks earlier.	
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)	Can be improved. Day to day evaluation must be guaranteed.	
Syllabus coverage of practical courses	Good(4)	Experiments beyond the syllabus can be included if time permits.	
Evaluation of students performance in practical classes	Good(4)	Evaluation to be based on course outcome.	
Conduct of remedial/bridge classes	Good(4)	Booster classes being arranged for 3 days per week for weak students.	

Maintenance of course diary	Good(4)	All evaluation parameters to be entered in the course diary.	
Faculty evaluation by students	Good(4)	being carried out 3 times in a semester. Class wise consolidated hard copy onle needs to be filed.	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Poor(2)	Overall pass % =44.64. Must try to improve.	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in course diary.	
Quality & Progress of projects	Good(4)	Evaluation details to be recorded in course diary.	

#### **APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Good(4)	Scheduled dates are not followed. Constitution, notice of the meeting, follow up action etc are to be filed	
Schedule of Time Table	Good(4)	Format may be modified to add more features and authentication.	
Attendance of students	Good(4)	Format to be modified to bring more clarity.	
Quantity & Quality of Assignments/Mini Projects	Good(4)	Can be improved.	
Conduct of Tutorial Classes	Good(4)	Tutorial log book shall contain more information.	
Syllabus coverage as per course plan	Good(4)	Were able to cover up the loss of working days, since the classed started earlier than the scheduled dates.	

Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)	Day today evaluation to be assured. content beyond syllabus can also be included.	
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)	Booster classes being arranged 3 days per week to help weak students.	
Maintenance of course diary	Good(4)	all evaluation parameters shall be recorded in the course diary.	
Faculty evaluation by students	Good(4)	3 feed backs per semester. No need to file individual score sheets. Keep class wise score sheet of faculty.	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Poor(2)	Overall pass % =40.50. Must be improved.	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in the course diary.	
Quality & Progress of projects	Good(4)	Evaluation data to be recorded in the course diary.	

**COMPUTER SCIENCE & ENGINEERING-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
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Functioning of class/course committees	Good(4)	Scheduled dates not being followed. Constitution, notice of the meeting, follow up action etc are to be documented .	
Schedule of Time Table	Good(4)	Format may be modified to add more features and authentications.	
Attendance of students	Good(4)	Format may be modified.	
Quantity & Quality of Assignments/Mini Projects	Good(4)	There is scope for improvement.	
Conduct of Tutorial Classes	Good(4)	Log book to contain more information.	
Syllabus coverage as per course plan	Good(4)	Were able to make the lost working days due to the floods, since classes were started earlier than the schedule.	
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)	Day today evaluations to be assured.	
Syllabus coverage of practical courses	Good(4)	Beyond the syllabus experiments can also be included if time permits.	
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)	Booster classes are being arranged for 3 days in a week for the weak students	
Maintenance of course diary	Good(4)	All evaluation results to be marked in the course diary.	
Faculty evaluation by students	Good(4)	3 three feed backs during a semester. No need to file individual score sheets. consolidated class wise sheet only to be filed.	

Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)	Overall pass % =57.31. Can be improved.	
Conduct of seminar classes	Good(4)	Distribution of evaluation marks to be recorded in the course diary.	
Quality & Progress of projects	Good(4)	Can be improved. Mark distribution to be recorded in the course diary	

### M.Tech

<b>No of M.Tech Students</b>	131
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### ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING AND SIGNAL PROCESSING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Follow the scheduled dates. file should contain constitution of the committee, notice of meeting, follow up etc.	
Schedule of Time Table	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)	Can be improved	
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		

Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)	Overall pass % =73.2 .Can be improved	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in course diary	
Quality & Progress of projects	Good(4)	Evaluation details to be recorded in course diary	

#### **MECHANICAL ENGINEERING(THERMAL ENGINEERING)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Not Relevant		
Schedule of Time Table	Not Relevant		
Attendance of students	Not Relevant	No students admitted	
Quantity & Quality of Assignments/Mini Projects	Not Relevant		
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Not Relevant		
Use of ICT enabled teaching & Digital courses	Not Relevant		
Conduct of Practical classes	Not Relevant		

Syllabus coverage of practical courses	Not Relevant		
Evaluation of students performance in practical classes	Not Relevant		
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Not Relevant		
Faculty evaluation by students	Not Relevant		
Student feedback on curriculum coverage	Not Relevant		
Student feedback on infrastructural facilities	Not Relevant		
Performance of students in the previous semester	Not Relevant		
Conduct of seminar classes	Not Relevant		
Quality & Progress of projects	Not Relevant		

**CIVIL ENGINEERING(STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Good(4)	Follow the scheduled dates and use proper formats	
Schedule of Time Table	Good(4)	Format may be modified	
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)	Can be improved	
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		

Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)	Can be improved	
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)	Follow up actions may be recorded	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Excellent(5)	Overall pass % =91.285.	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in course file	
Quality & Progress of projects	Good(4)	Evaluation details to be recorded on course file.	

**ELECTRONICS AND COMMUNICATION ENGINEERING(CONTROL AND INSTRUMENTATION)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Follow scheduled dates.	
Schedule of Time Table	Good(4)	Format may be modified	
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)	Can be improved	
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		

Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)	Overall pass %=100.	
Performance of students in the previous semester	Good(4)		
Conduct of seminar classes	Good(4)	Mark distribution to be entered in course diary.	
Quality & Progress of projects	Good(4)	Evaluation details to be entered in course diary.	

**COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Follow scheduled dates. Improve file format	
Schedule of Time Table	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)	Can be improved	
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		

Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Excellent(5)	overall pass % =100 (Excellent). Keep it up	
Conduct of seminar classes	Good(4)	Mark distribution to be entered in course file	
Quality & Progress of projects	Good(4)	evaluation details to be entered in course file	

#### **ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Good(4)	Follow the scheduled dates. Keep details of constitution of the committee, notice of meeting, follow up etc in order.	
Schedule of Time Table	Good(4)	Use modified format	
Attendance of students	Good(4)	Format to be modified	

Quantity & Quality of Assignments/Mini Projects	Good(4)	can be improved	
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)	Can be improved	
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)	Overall pass % = 66.6. Can be improved	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in logbook	
Quality & Progress of projects	Good(4)	Evaluation data to be entered in course diary	