



Kathir College of Engineering

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Criteria-6

Governance, Leadership and Management

Sub Criteria 6.5

Internal Quality Assurance System

6.5.1: Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes



Kathir College of Engineering

[Approved by AICTE | Affiliated to Anna University | Accredited by NAAC]

Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62

Criterion – 6 Governance, Leadership and Management

Key Indicator- 6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

INDEX SHEET

S.No	Description	Page No.
1.	Organogram of KCE	3
2.	IQAC - Roles & Responsibilities	4-7
3.	IQAC Composition and Meeting Minutes	8-41
4.	IQAC Quality Initiatives	42-45
5.	ICT based Teaching Learning Process	46-50
6.	Best Practices	51-54



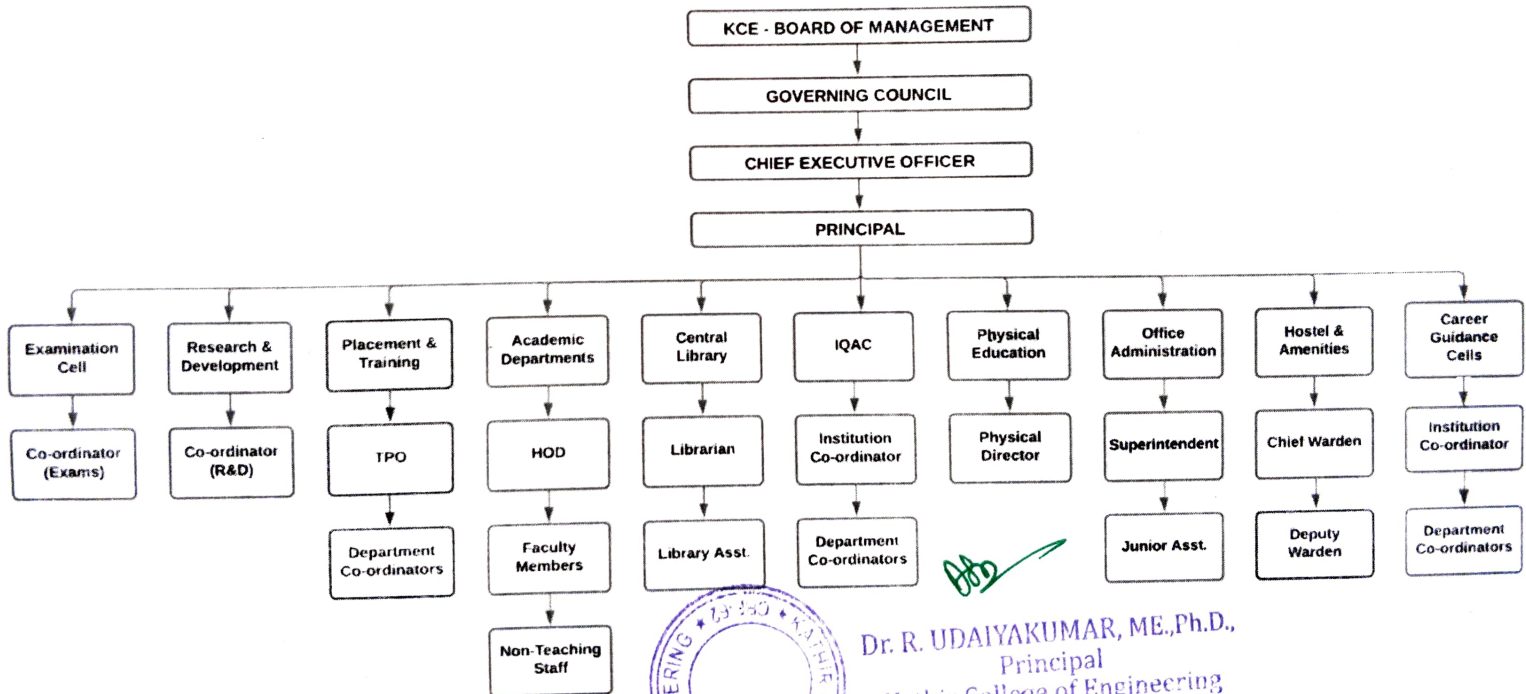
Kathir College of Engineering

[Approved by AICTE | Affiliated to Anna University | Accredited by NAAC]

Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62

Organogram of KCE

KATHIR COLLEGE OF ENGINEERING - ORGANOGRAM



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



Kathir College of Engineering

[Approved by AICTE | Affiliated to Anna University | Accredited by NAAC]

Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62


INTERNAL QUALITY ASSURANCE CELL (IQAC)

Roles and Responsibilities

For all National Assessment and Accreditation Council (NAAC) accredited institutions, the inception of Internal Quality Assurance Cell (IQAC) is an obligatory requirement. Kathir College of Engineering was accredited by NAAC in the year 2016 with B grade (CGPA 2.59 out of 4). The IQAC of Kathir College of Engineering, since its inception, has been consistently and actively involved in quality nourishment and quality enhancement activities. It is a highly participative cell of the college that works on evolving strategies to remove deficiencies and enhance quality, thus channelizing the efforts of the college towards achieving integrated academic excellence.

The objectives of the IQAC are

- To develop a system for mindful, logical and motivational action to improve the academic and administrative performance of the college.
- To promote quality strengthening by incorporating quality culture and implementing the best practices.
- To establish and implement quality benchmarks for the various academic and administrative activities.
- Collecting feedback responses from stakeholders on quality related processes of the institution.
- Organization of workshops, seminars on quality related matters in the institution level.
- Documentation of the different programmes and activities.


Dr. R. UDAYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur Coimbatore - 641 062.

Roles and Responsibilities of Quality Assurance Systems

- Quality Assurance Systems are Teaching, Learning, Assessment, Monitoring and Collection of feedback. It is established to maintain and enhance the academic standard and quality of the programmes through periodic review and regular monitoring, with appropriate reference to national and international benchmarking standards.
- Evaluate whether the programmes align with the College Mission and Vision

1. **Student Admission:** The Quality Assurance procedures for student admission are established to:

i. Monitor the overall student recruitment process so as to admit students in line with the College admission requirements and to ensure the fairness and transparency of the recruitment process and selection criteria.


ii. Ensure that applicants are considered solely on their academic excellence, abilities and potential regardless of gender, national origin and disability, etc.

Outcome Based Teaching and Learning:

The College is committed to employ the outcome based teaching and learning approach to ensure the quality of the programmes.

The following are guidelines

- i. The proper alignment of Programme Outcomes to College Vision and Mission should be observed.
- ii. The proper alignment of Course Outcomes to POs should be carefully conceived and executed.
- iii. The proper mapping from COs to POs to College Mission and Vision are to be carefully conceived and executed.


Dr. R. UDAYAKUMAR, M.E., P.E.
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

- iv. Review of POs, COs and the Outcome Based Teaching Learning mappings.

Assessment: Assessment task are designed to be

- i. Fair, consistent, reliable and constructively aligned to course or programme intended learning outcomes and possess sufficient scope and depth to enable assessment of student's achievement in course and programme intended learning outcomes.
- ii. Be designed in such a way NOT TO discriminate individuals according to gender, age, religion and ethnicity etc.
- iii. Allow students to demonstrate their learning and potential and assist students learning through timely feedback on performance.

Monitoring and Collection of stakeholders' feedback

- i. Students' feedback on teaching: Feedback from students is always the most important element in monitoring the quality of a programme. Feedback form -The teaching evaluation questionnaire is used in every academic term as a common framework for all courses. A survey on the teaching performance of teachers is conducted before the end of a term.
- ii. Feedback from External auditors: At the end of each semester, the academic audit committee will arrange a meeting with the External auditors and collect the comments and feedback from them on the quality of the Programme.
- iii. Feedback from students - Term-End Student Meeting: At the end of a term, the HoD will meet with the student representatives to understand more about their learning problems and to collect comments on the learning facilities and support. This provides a good opportunity for the HoDs to help the students solve their immediate problem or take preventive actions for a better


Dr. J. JUDAIYAKUMAR, M.E., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Coimbatore - 641 062.

- teaching and learning environment, and it also provides a channel for students to express their concerns.
- iv. Alumni and Employer Survey: As employability of the graduates and the satisfaction rate of the employers can reflect the outcomes standard and quality of the academic programmes, a graduates employment survey will be conducted information includes first employment fields, monthly salaries, regional locations and satisfaction in programme outcomes etc.
 - v. Follow-up Actions for the Stakeholders' feedback: Comments and feedback from students, external auditors and professional bodies will be brought up in the IQAC meeting.

Other broad responsibilities: Internal Quality Assurance Committee Coordinator/Director is directly responsible to the Principal for development of quality culture in the institution through Internal Quality Assurance Committee.

- i. Review of Institutional and Departmental Vision and Mission Development of quality benchmarks for various academic and administrative activities of the institution and carry out the gap analysis.
- ii. Contribute to preparation of SAR.
- iii. Preparation of the Annual Quality Assurance Report(AQAR)and submit to NAAC.
- iv. Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology and carrying out periodic check of course outcome attainment and action taken from each faculty and its mapping on to POs and PEOs.




Dr. R. UDAYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Ref: KCE/IQAC/2016-2017/1

08.09.2016

Internal Quality Assurance Cell (IQAC)

Circular

Sub: IQAC Meeting – Intimation to the members of the IQAC

Dear Member,

An IQAC Meeting is arranged on 15.09.2016 at Board room. All the members of the IQAC are requested to attend the meeting at 3PM. The points to be discussed in the meeting are as follows:

AGENDA:

1. Web Site updation
2. Parents meet
3. NSS Activities
4. Any other matter


Principal/Chairman of IQAC

Copy to

1. All IQAC members
2. IQAC File for record
3. Management

PRINCIPAL
Kathir College Of Engineering
Neelambur.
Coimbatore - 641 062.





Dr. R. UDAYAKUMAR, ME, Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Internal Quality Assurance Cell

IQAC Meeting held on 15.09.2016

Attendance sheet

S.No	Name	Designation	Signature
1.	Dr. G. Doraisamy	GEO/Management Representative	
2.	Dr. P. Banumathi	Principal/ Chairman, HOD-CSE	
3.	Dr. S.K. Latha	HOD-S&H/Member	
4.	Dr. M. Kannan	HOD-ECE/Coordinator	
5.	Dr. B. Vaikundaselvan	HOD-EEE/Member	
6.	Dr. P. Murthi	HOD-Civil/Member	
7.	Ms. R. Karpagam	HOD-MBA/Member	
8.	Dr. A.R. Suresh	HOD-Mechanical/Member	



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree", Avinashi Road,
Neelambur, Coimbatore - 641 062.



Kathir

College of Engineering

(An Institution run by Lamika Educational and Charitable Trust)
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by NAAC | ISO Certified College

"Wisdom Tree",
Avinashi Road, Neelambur,
Coimbatore - 641 062.

Phone : 0422 - 2203787, 2203778
Fax : 08030723600
E-mail : kathirce@gmail.com
Website : www.kathir.ac.in

15th September 2016

INTERNAL QUALITY ASSURANCE CELL (IQAC) MINUTES OF MEETING

Meeting was held on 15th September 2016 at 3 PM in Board room of the college.
Following members were present for the meeting:

S.No	Name	Designation/IQAC
1.	Dr. G. Doraisamy	CEO/Management Representative
2.	Dr. P. Banumathi	Principal/ Chairman, HOD-CSE
3.	Dr. S.K. Latha	HOD-S&H/Member
4.	Dr. M. Kannan	HOD-ECE/Coordinator
5.	Dr. B. Vaikundaselvan	HOD-EEE/Member
6.	Dr. P. Murthi	HOD-Civil/Member
7.	Ms. R. Karpagam	HOD-MBA/Member
8.	Dr. A.R. Suresh	HOD-Mechanical/Member

The chairperson Dr.P.Banumathi welcomed the members. The following points were discussed in the meeting.

S. No.	Details	Action to be taken
1.	The Principal welcomed all the members for the meeting. She insisted to update the website of the KCE frequently with the latest data.	All the faculty members
2.	The IQAC has proposed to conduct parents meeting frequently.	All the HODs
3.	The management insisted to conduct more activities in NSS.	NSS Coordinator
4.	The members insisted to organise more events through the department associations.	All the HODs
5.	The members proposed to make an action plan for improving the academic performance of the weak students.	All the members

The meeting was concluded with a vote of thanks from the IQAC Coordinator, Dr. M. Kannan.



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

Dr. P. Banumathi
Principal
[Dr.P.Banumathi]
PRINCIPAL
KATHIR COLLEGE OF ENGINEERING,
NEELAMBUR
COIMBATORE-62.



KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Ref: KCE/IQAC/2016-2017/2

27.01.2017

Internal Quality Assurance Cell (IQAC)

Circular

Sub: IQAC Meeting – Intimation to the members of the IQAC

Dear Member,

An IQAC Meeting is arranged on 02.02.2017 at Board Room. All the members of the IQAC are requested to attend the meeting at 11AM. The points to be discussed in the meeting are as follows:

AGENDA:

1. Academic Calendar 2016-2017
2. Class committee meetings
3. FDPs
4. Any other matter


Copy to

1. All IQAC members
2. IQAC File for record
3. Management


Principal/Chairman of IQAC

PRINCIPAL

Kathir College Of Engineering
Neelambur,
Coimbatore - 641 062.


Dr. R. UDAYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.





KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Internal Quality Assurance Cell

IQAC Meeting held on 02.02.2017

Attendance sheet

S.No	Name	Designation/IQAC	Signature
1.	Dr. G. Doraisamy	CEO/Management Representative	
2.	Dr. P. Banumathi	Principal/ Chairman, HOD-CSE	
3.	Dr. S.K. Latha	HOD-S&H/Member	
4.	Dr. M. Kannan	HOD-ECE/Coordinator	
5.	Dr. B. Vaikundaselvan	HOD-EEE/Member	
6.	Dr. P. Murthi	HOD-Civil/Member	
7.	Ms. R. Karpagam	HOD-MBA/Member	
8.	Dr. A.R. Suresh	HOD-Mechanical/Member	



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



Kathir College of Engineering

(An Institution run by Lamika Educational and Charitable Trust)
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by NAAC | ISO Certified College

"Wisdom Tree",
Avinashi Road, Neelambur,
Coimbatore - 641 062.

Phone : 0422 - 2203787, 2203778
Fax : 08030723600
E-mail : kathirce@gmail.com
Website : www.kathir.ac.in

2nd February 2017

INTERNAL QUALITY ASSURANCE CELL (IQAC) MINUTES OF MEETING

Meeting was held on 2nd February 2017 at 11 AM in Board room of the college.
Following members were present for the meeting:

S.No	Name	Designation/IQAC
1.	Dr. G. Doraisamy	CEO/Management Representative
2.	Dr. P. Banumathi	Principal/ Chairman, HOD-CSE
3.	Dr. S.K. Latha	HOD-S&H/Member
4.	Dr. M. Kannan	HOD-ECE/Coordinator
5.	Dr. B. Vaikundaselvan	HOD-EEE/Member
6.	Dr. P. Murthi	HOD-Civil/Member
7.	Ms. R. Karpagam	HOD-MBA/Member
8.	Dr. A.R. Suresh	HOD-Mechanical/Member

The chairperson Dr.P.Banumathi welcomed the members. The following points were discussed in the meeting.

S. No.	Details	Action to be taken
1.	Principal welcomed the members for the meeting and she informed to follow the Academic Calendar of 2016-2017 even semester.	All the faculty members
2.	The committee has insisted to conduct regular class committee meetings for the students and get feedback for improvement.	All the HODs and Class Advisors
3.	The members insisted the HOD's to encourage their staff members to participate in Various Faculty Development Programmes.	All the HODs
4.	HODs discussed about their students visit to industries for gaining practical knowledge.	All the HODs
5.	The members insisted to make well defined perspective plans and deployment.	IQAC Coordinator

The meeting was concluded with a vote of thanks from the IQAC Coordinator, Dr. M. Kannan.



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

Principal
[Dr. P. Banumathi]
PRINCIPAL

**KATHIR COLLEGE OF ENGINEERING,
NEELAMBUR,
COIMBATORE-62.**



KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Ref: KCE/IQAC/2017-2018/1

03.07.2017

Internal Quality Assurance Cell (IQAC)

Circular

Sub: IQAC Meeting – Intimation to the members of the IQAC

Dear Member,

An IQAC Meeting is arranged on 07.07.2017 at Board room. All the members of the IQAC are requested to attend the meeting at 2:30PM. The points to be discussed in the meeting are as follows:

AGENDA:

1. Responsibilities of IQAC
2. Placements for final year students
3. Journal Publications
4. Any other matter

Principal/Chairman of IQAC

Copy to

1. All IQAC members
2. IQAC File for record
3. Management

Dr. R. UDAIYAKUMAR, ME., Ph.D.,

Principal

Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.





KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Internal Quality Assurance Cell

IQAC Meeting held on 07.07.2017

Attendance sheet

S.No	Name	Designation	Signature
1.	Dr. G. Doraisamy	CEO/Management Representative	
2.	Dr. D. AnanthaKrishnan	Principal/ Chairman	
3.	Dr. P. Banumathi	HOD-CSE	
4.	Dr. K.V. Kannan Nithin	HOD-S&H/Member	
5.	Dr. M. Kannan	HOD-ECE/Coordinator	
6.	Dr. B. Vaikundaselvan	HOD-EEE/Member	
7.	Dr. P. Murthi	HOD-Civil/Member	
8.	Dr. R. Karpagam	HOD-MBA/Member	
9.	Dr. A.R. Suresh	HOD-Mechanical/Member	



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



Kathir

College of Engineering

(An Institution run by Lamika Educational and Charitable Trust)
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by NAAC | ISO Certified College

"Wisdom Tree",
Avinashi Road, Neelambur,
Coimbatore - 641 062

Phone : 0422 - 2203787, 2203778
Fax : 08030723600
E-mail : kathirce@gmail.com
Website : www.kathir.ac.in

7th July 2017

INTERNAL QUALITY ASSURANCE CELL (IQAC) MINUTES OF MEETING

Meeting was held on 7th July 2017 at 2:30 PM in Board room of the college. Following members were present for the meeting:

S.No	Name	Designation/IQAC
1.	Dr. G. Doraisamy	CEO/Management Representative
2.	Dr. D. Anantha krishnan	Principal/ Chairman
3.	Dr. P. Banumathi	HOD-CSE
4.	Dr. K.V. Kannan Nithin	HOD-S&H/Member
5.	Dr. M. Kannan	HOD-ECE/Coordinator
6.	Dr. B. Vaikundaselvan	HOD-EEE/Member
7.	Dr. P. Murthi	HOD-Civil/Member
8.	Dr. R. Karpagam	HOD-MBA/Member
9.	Dr. A.R. Suresh	HOD-Mechanical/Member

The chairperson Dr. D. Anantha krishnan welcomed the members. The following points were discussed in the meeting.

S. No.	Details	Action to be taken
1.	The chairman of IQAC welcomed all the members and he explained the prime responsibility of IQAC to initiate, plan and various activities which are essential to increase the quality of the education imparted in the college.	IQAC
2.	IQAC Coordinator insisted the training and placement cell to strengthen the number of placements by bringing in more numbers of reputed companies for on-campus placements.	Training and Placement cell
3.	The members discussed about the journal publication of staff members.	All staff members
4.	The members insisted to conduct the regular Academic and Administrative Audit.	All staff members
5.	The members discussed about the NBA Accreditation status.	All staff members

The meeting was concluded with a vote of thanks from the IQAC Coordinator, Dr. M. Kannan.

(Signature)

Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

PRINCIPAL
Kathir College of Engineering
Neelambur
Coimbatore - 641 062.

Principal





KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Ref: KCE/IQAC/2017-2018/2

05.01.2018

Internal Quality Assurance Cell (IQAC)

Circular

Sub: IQAC Meeting – Intimation to the members of the IQAC

Dear Member,

An IQAC Meeting is arranged on 11.01.2018 at Board Room. All the members of the IQAC are requested to attend the meeting at 2:30PM. The points to be discussed in the meeting are as follows:

AGENDA:

1. Innovative teaching methods for course delivery
2. VAC/Add on Courses
3. Internal Assessment Tests
4. Any other matter

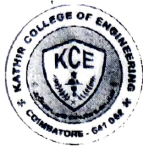
Principal/Chairman of IQAC

Copy to

1. All IQAC members
2. IQAC File for record
3. Management

Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641062.





KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Internal Quality Assurance Cell

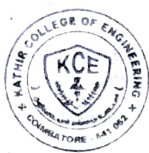
IQAC Meeting held on 11.01.2018

Attendance sheet

S.No	Name	Designation/IQAC	Signature
1.	Dr. G. Doraisamy	CEO/Management Representative	
2.	Dr. D. AnanthaKrishnan	Principal/Chairman	
3.	Dr. P. Banumathi	HOD-CSE/Member	
4.	Dr. K.V. Kannan Nithin	HOD-S&H/Member	
5.	Dr. M. Kannan	HOD-ECE/Coordinator	
6.	Dr. B. Vaikundaselvan	HOD-EEE/Member	
7.	Dr. P. Murthi	HOD-Civil/Member	
8.	Dr. R. Karpagam	HOD-MBA/Member	
9.	Dr. A.R. Suresh	HOD-Mechanical/Member	



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



Kathir

College of Engineering

(An Institution run by Lamika Educational and Charitable Trust)
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by NAAC | ISO Certified College

"Wisdom Tree",
Avinashi Road, Neelambur,
Coimbatore - 641 062

Phone : 0422 - 2203787, 2203778
Fax : 08030723600
E-mail : kathirce@gmail.com
Website : www.kathir.ac.in

11th January 2018

INTERNAL QUALITY ASSURANCE CELL (IQAC) MINUTES OF MEETING

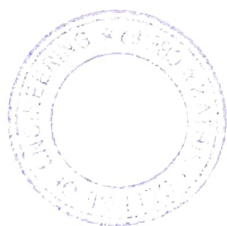
Meeting was held on 11th January 2018 at 2:30 PM in Board room of the college.
Following members were present for the meeting:

S.No	Name	Designation/IQAC
1.	Dr. G. Doraisamy	CEO/Management Representative
2.	Dr. D. Anantha Krishnan	Principal/ Chairman
3.	Dr. P. Banumathi	HOD-CSE
4.	Dr. K.V. Kannan Nithin	HOD-S&H/Member
5.	Dr. M. Kannan	HOD-ECE/Coordinator
6.	Dr. B. Vaikundaselvan	HOD-EEE/Member
7.	Dr. P. Murthi	HOD-Civil/Member
8.	Dr. R. Karpagam	HOD-MBA/Member
9.	Dr. A.R. Suresh	HOD-Mechanical/Member

The chairperson Dr. D. Anantha Krishnan welcomed the members. The following points were discussed in the meeting.

S. No.	Details	Action to be taken
1.	The committee insisted the faculty to use innovative teaching method during their course delivery to enhance the students learning capability.	All the faculty members
2.	The members suggested to conduct more value added courses and Add on courses in this semester.	All the HODs
3.	The committee insisted that the internal assessment test should not deviate with the academic calendar and the standard of the question paper should meet BT level.	All the faculty members
4.	The members suggested that the HODs should involve their staff and students to participate in national and international conferences.	All the HODs
5.	The chairperson insisted all the faculty members to publish their work in the Scopus indexed journal.	All the faculty members

The meeting was concluded with a vote of thanks from the IQAC Coordinator, Dr. M. Kannan.



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal

Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Coimbatore - 641 062.

PRINCIPAL
Kathir College Of Engineering
Neelambur,
Coimbatore - 641 062.

Principal

KATHIR COLLEGE OF ENGINEERING

(An Institution Run by Lamika Educational and Charitable Trust)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.)

"Wisdom Tree", Avinashi Road, Neelambur, Coimbatore - 641 062.

Phone : 0422 - 6554778, 2203737. Tele Fax : 08030723600.

E-mail : kathirce@gmail.com, www.kathir.ac.in



TÜVRheinland
CERT
ISO 9001

Dr. P.Murthi, B.E., MBA., M.Tech., Ph.D.,
Principal

Latest notification of Formation of IQAC

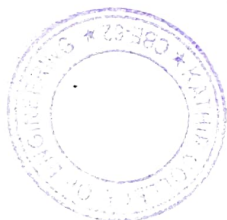
Internal Quality Assurance Cell (IQAC) members

Circular

5th June 2018

The following is the revised list of members of IQAC with effect from today, the 5th June 2018.

S.No	Name	Designation/IQAC	Mobile No.	Official Email Id
1.	Dr.G.Doraisamy	CEO/Management Representative	9442545666	gdswamy3@yahoo.com
2.	Dr.P.Murthi	Principal/ Chairman	8220772148	principal@kathir.ac.in
3.	Dr.K.V. Kannan Nithin	HOD-S&H/Member	9043444746	Kannannithin_sh@kathir.ac.in
4.	Dr. M. Kannan	HOD-ECE/Member	9597420107	eeehod@kathir.ac.in
5.	Dr. B. Vaikundaselvan	HOD- EEE/Coordinator	9843648317	eeehod@kathir.ac.in
6.	Mr. TKP. Rajagopal	HOD-CSE/Member	9443769726	csehod@kathir.ac.in
7.	Dr. A.R.Suresh	HOD- Mech/Member	9442765776	mechhod@kathir.ac.in
8.	Ms. R. Priyanka	HOD-Civil/Member	9597970780	civilhod@kathir.ac.in
9.	Mr. D. Davidbaburaj	HOD- MBA/Member	9790751257	davidbaburaj@yahoo.com
10	Mr. M.Ramkumar	AP-EEE/Member	9952805076	ramfrmkce@gmail.com
11	Mr.R.Rameshbabu	Manager-Training School, Fanuc India/Representative from Industry	9900589096	rameshbabu.r@fanucindia.com



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

Principal
PRINCIPAL
KATHIR COLLEGE OF ENGINEERING,
NEELAMBUR,
COIMBATORE-62.



KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Ref: KCE/IQAC/2018-2019/1

07.09.2018

Internal Quality Assurance Cell (IQAC)

Circular

Sub: IQAC Meeting – Intimation to the members of the IQAC

Dear Member,

An IQAC Meeting is arranged on 14.09.2018 at ground floor conference room. All the members of the IQAC are requested to attend the meeting at 3PM. The points to be discussed in the meeting are as follows:

AGENDA:

1. Research Labs
2. NBA Accreditation
3. Any other matter

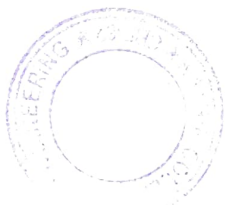
Copy to

1. All IQAC members
2. IQAC File for record
3. Management

Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

Principal/Chairman of IQAC

PRINCIPAL
Kathir College Of Engineering
Neelambur,
Coimbatore - 641 062.





KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Internal Quality Assurance Cell

IQAC Meeting held on 14.09.2018

Attendance sheet

S.No	Name	Designation/IQAC	Signature
1.	Dr.G.Doraisamy	CEO/Management Representative	
2.	Dr.P.Murthi	Principal/ Chairman	
3.	Dr.K.V. Kannan Nithin	HOD-S&H/Member	
4.	Dr. M. Kannan	HOD-ECE/Member	
5.	Dr. B. Vaikundaselvan	HOD-EEE/Coordinator	
6.	Mr. TKP. Rajagopal	HOD-CSE/Member	
7.	Dr. A.R.Suresh	HOD-Mech/Member	
8.	Ms. R. Priyanka	HOD-Civil/Member	
9.	Mr. D. Davidbaburaj	HOD-MBA/Member	
10.	Mr.R.Rameshbabu	Manager-Training School, Fanuc	



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641062.

KATHIR COLLEGE OF ENGINEERING



(An Institution Run by Lamika Educational and Charitable Trust)
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.)
"Wisdom Tree", Avinashi Road, Neelambur, Coimbatore - 641 062.
Phone : 0422 - 6554778, 2203737. Tele Fax : 08030723600.
E-mail : kathirce@gmail.com, www.kathir.ac.in



TÜV Rheinland
CERT
ISO 9001

Dr. P.Murthi, B.E., MBA., M.Tech., Ph.D.,
Principal

14th September 2018

INTERNAL QUALITY ASSURANCE CELL (IQAC) MINUTES OF MEETING

Meeting was held on 14th September at 3 PM in the ground floor conference hall of the college. Following members were present for the meeting:

S.No	Name	Designation/IQAC
1.	Dr.G.Doraisamy	CEO/Management Representative
2.	Dr.P.Murthi	Principal/ Chairman
3.	Dr.K.V. Kannan Nithin	HOD-S&H/Member
4.	Dr. M. Kannan	HOD-ECE/Member
5.	Dr. B. Vaikundaselvan	HOD-EEE/Coordinator
6.	Mr. TKP. Rajagopal	HOD-CSE/Member
7.	Dr. A.R.Suresh	HOD-Mech/Member
8.	Ms. R. Priyanka	HOD-Civil/Member
9.	Mr. D. Davidbaburaj	HOD-MBA/Member
10.	Mr.R.Rameshbabu	Manager-Training School, Fanuc India/Representative from Industry

The chairperson, Dr.P.Murthi welcomed Dr.G.Doraisamy, the management representative, Mr.R.Rameshbabu, Representative from Industry and other members. The following points were discussed in the meeting.

S.No	Details	Action to be taken
1.	The HOD, Mechanical department proposed to set up research labs in thrust areas like industry 4.0 and nano materials lab. He mentioned that the proposed labs would support research by both faculty and students. He added that it will enrich their knowledge and greatly improve student's placement opportunities.	HOD-Mechanical
2.	The management insisted that the institution should prepare to work towards obtaining NBA accreditation which would help the institution in solicit support from various government programs as well as improve the operations from within the institute.	All the HOD's of ECE, Mechanical and Computer Science
3.	IQAC Coordinator mentioned that the proforma for Student Satisfaction Survey mailed to the respective HODs, to be utilized for getting the feedback from students.	All the HODs
4.	The Industry member, Mr R.Rameshbabu, appreciated installation of wi-fi in campus. He emphasized the importance of digitization. He further suggested having paperless office and resorting to emails over paper communication.	All the members



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

PRINCIPAL
KATHIR COLLEGE OF ENGINEERING
NEELAMBUR



KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Ref: KCE/IQAC/2018-2019/2

13.02.2019

Internal Quality Assurance Cell (IQAC)

Circular

Sub: IQAC Meeting – Intimation to the members of the IQAC

Dear Member,

An IQAC Meeting is arranged on 20.02.2019 at MBA Conference Hall. All the members of the IQAC are requested to attend the meeting at 11AM. The points to be discussed in the meeting are as follows:

AGENDA:

1. Industry-Institute Interaction
2. Industrial Visits
3. Result Analysis
4. Any other matter

Principal/Chairman of IQAC

Copy to

1. All IQAC members
2. IQAC File for record
3. Management

PRINCIPAL

Kathir College Of Engineering
Neelambur,
Coimbatore - 641 062.

Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal

Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.





KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Internal Quality Assurance Cell

IQAC Meeting held on 20.02.2019

Attendance sheet

S.No	Name	Designation/IQAC	Signature
1.	Dr.G.Doraisamy	CEO/Management Representative	
2.	Dr.P.Murthi	Principal/ Chairman	
3.	Dr.K.V. Kannan Nithin	HOD-S&H/Member	
4.	Dr. M. Kannan	HOD-ECE/Member	
5.	Dr. B. Vaikundaselvan	HOD-EEE/Coordinator	
6.	Mr. TKP. Rajagopal	HOD-CSE/Member	
7.	Dr. A.R.Suresh	HOD-Mech/Member	
8.	Ms. R. Priyanka	HOD-Civil/Member	
9.	Mr. D. Davidbaburaj	HOD-MBA/Member	
10.	Mr.R.Rameshbabu	Manager-Training School, Fanuc	



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

KATHIR COLLEGE OF ENGINEERING



(An Institution Run by Lamika Educational and Charitable Trust)
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.)

"Wisdom Tree", Avinashi Road, Neelambur, Coimbatore - 641 062

Phone : 0422 - 6554778, 2203737. Tele Fax : 08030723600.

E-mail : kathirce@gmail.com, www.kathir.ac.in



TÜVRheinland
CERT
ISO 9001

Dr. P.Murthi, B.E., MBA., M.Tech., Ph.D.,
Principal

20th February 2019

INTERNAL QUALITY ASSURANCE CELL (IQAC) MINUTES OF MEETING

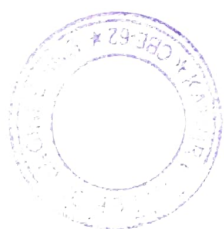
Meeting was held on 20th February 2019 at 11 AM in the MBA conference hall of the college.
Following members were present for the meeting:

S.No	Name	Designation/IQAC
1.	Dr.G.Doraisamy	CEO/Management Representative
2.	Dr.P.Murthi	Principal/ Chairman
3.	Dr.K.V. Kannan Nithin	HOD-S&H/Member
4.	Dr. M. Kannan	HOD-ECE/Member
5.	Dr. B. Vaikundaselvan	HOD-EEE/Coordinator
6.	Mr. TKP. Rajagopal	HOD-CSE/Member
7.	Dr. A.R.Suresh	HOD-Mech/Member
8.	Ms. R. Priyanka	HOD-Civil/Member
9.	Mr. D. Davidbaburaj	HOD-MBA/Member
10.	Mr.M.Ramkumar	AP-EEE/Member
11.	Mr.R.Rameshbabu	Manager-Training School, Fanuc India/Representative from Industry

The chairperson, Dr.P.Murthi welcomed all the members. The following points were discussed in the meeting.

S.No	Details	Action to be taken
1.	The committee suggested to undergo the Industry-Institute Interaction through Membership & MOU's by conducting various activities through them.	All the HODs
2.	The committee suggested all the members to arrange more numbers of industrial tours in the next semester.	All the Members
3.	The results of B.E, M.E & MBA Examinations were reviewed	All the Members
4.	The committee instructed all HODs to conduct at least one guest lecture and workshop in next semester.	All the HODs
5.	The committee reviewed the placements of this academic year and instructed to communicate with more number of reputed companies to conduct placement drives in our campus.	Placement Officer

The meeting ended with formal vote of thanks by IQAC Coordinator Dr. B. Vaikundaselvan.



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

PRINCIPAL
KATHIR COLLEGE OF ENGINEERING,
NEELAMBUR,
COIMBATORE-62.



Kathir College of Engineering

(An Institution run by Lamika Educational and Charitable Trust)
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by NAAC | ISO Certified College

"Wisdom Tree",
Avinashi Road, Neelambur,
Coimbatore - 641 062.

Phone : 0422 - 2203787, 2203778
Fax : 08030723600
E-mail : kathirce@gmail.com
Website : www.kathir.ac.in

**Dr.A.R.Suresh, M.E., Ph.D.,
Principal**

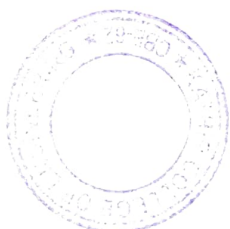
Internal Quality Assurance Cell (IQAC) members

Circular

4th June 2019

The following is the revised list of members of IQAC with effect from today, the 4th June 2019.

S.No	Name	Designation/IQAC	Mobile No.	Official Email Id
1.	Dr.G.Doraisamy	CEO/Management Representative	9442545666	gdswamy3@yahoo.com
2.	Dr. A.R.Suresh	Principal/ Chairman, HOD-Mech/Member	9442765776	principal@kathir.ac.in, mechhod@kathir.ac.in
3.	Dr.K.V. Kannan Nithin	HOD-S&H/Member	9043444746	Kannannithin_sh@kathir.ac.in
4.	Dr. M. Varatharaj	HOD-ECE/Member	9994400085	eeehod@kathir.ac.in
5.	Dr. B. Vaikundaselvan	HOD-EEE/Coordinator	9843648317	eeehod@kathir.ac.in
6.	Mrs.T.Sakthisree	HOD-CSE/Member	9500653620	csehod@kathir.ac.in
7.	Mr. S. Ganeshkumar	HOD-Civil/Member	7373663113	civilhod@kathir.ac.in
8.	Mr. D. Davidbaburaj	HOD-MBA/Member	9790751257	davidbaburaj@yahoo.com
9.	Mr. M.Ramkumar	AP-EEE/Member	9952805076	ramfrmkce@gmail.com
10	Mr.R.Rameshbabu	Manager-Training School, Fanuc India/Representative from Industry	9900589096	rameshbabu.r@fanucindia.com



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur Coimbatore - 641 062.

Principal
PRINCIPAL

**KATHIR COLLEGE OF ENGINEERING,
NEELAMBUR,
COIMBATORE-62**



Kathir College of Engineering

(An Institution run by Lamika Educational and Charitable Trust)
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by NAAC | ISO Certified College

"Wisdom Tree",
Avinashi Road, Neelambur,
Coimbatore - 641 062.

Phone : 0422 - 2203787, 2203778
Fax : 08030723600
E-mail : kathirce@gmail.com
Website : www.kathir.ac.in

12th September 2019

INTERNAL QUALITY ASSURANCE CELL (IQAC) MINUTES OF MEETING

Meeting was held on 12th September 2019 at 11 AM in MBA seminar hall of the college. Following members were present for the meeting:

S.No	Name	Designation/IQAC
1.	Dr.G.Doraisamy	CEO/Management Representative
2.	Dr. A.R.Suresh	Principal/ Chairman, HOD-Mech/Member
3.	Dr.K.V. Kannan Nithin	HOD-S&H/Member
4.	Dr. M. Varatharaj	HOD-ECE/Member
5.	Dr. B. Vaikundaselvan	HOD-EEE/Coordinator
6.	Mrs.T.Sakthisree	HOD-CSE/Member
7.	Mr. S. Ganeshkumar	HOD-Civil/Member
8.	Mr. D. Davidbaburaj	HOD-MBA/Member
9.	Mr. M.Ramkumar	AP-EEE/Member
10.	Mr.R.Rameshbabu	Manager-Training School, Fanuc India/Representative from Industry

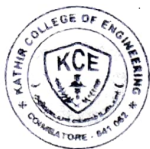
The chairperson Dr.A.R.Suresh welcomed the members. The following points were discussed in the meeting.

S. No.	Details	Action to be taken
1.	The HOD-EEE department proposed to set up centre of excellence in PLC lab, also requested to setup Incubation centre to enrich students' co-curricular and placement opportunities	HOD-EEE
2.	The management insisted to organise the employability skill training programs to enhance the employability of the students	All the HODs
3.	IQAC coordinator mentioned that Students counseling regarding academic and personal problems should be taken care by the respective mentors	All the HODs
4.	The council members recommended conducting GATE coaching classes for UG students, Research Methodology lectures and talks from Industry experts for students.	All the HODs
5.	The council members proposed making an action plan for improving the academic performance of the weak students	All the members



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Coimbatore - 641 062.

[Signature]
Principal
PRINCIPAL
KATHIR COLLEGE OF ENGINEERING,
NEELAMBUR



Kathir

College of Engineering

(An Institution run by Lamika Educational and Charitable Trust)
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by NAAC | ISO Certified College

"Wisdom Tree",
Avinashi Road, Neelambur,
Coimbatore - 641 062.

Phone : 0422 - 2203787, 2203778
Fax : 08030723600
E-mail : kathirce@gmail.com
Website : www.kathir.ac.in

17th February 2020

INTERNAL QUALITY ASSURANCE CELL (IQAC) MINUTES OF MEETING

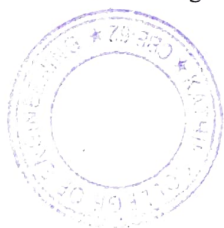
Meeting was held on 17th February 2020 at 10 AM in the MBA seminar hall of the college.
Following members were present for the meeting:

S.No	Name	Designation/IQAC
1.	Dr.G.Doraisamy	CEO/Management Representative
2.	Dr. A.R.Suresh	Principal/ Chairman, HOD-Mech/Member
3.	Dr.K.V. Kannan Nithin	HOD-S&H/Member
4.	Dr. M. Varatharaj	HOD-ECE/Member
5.	Dr. B. Vaikundaselvan	HOD-EEE/Coordinator
6.	Mrs.T.Sakthisree	HOD-CSE/Member
7.	Mr. S. Ganeshkumar	HOD-Civil/Member
8.	Mr. D. Davidbaburaj	HOD-MBA/Member
9.	Mr. M.Ramkumar	AP-EEE/Member
10.	Mr.R.Rameshbabu	Manager-Training School, Fanuc India/Representative from Industry

The chairperson Dr.A.R.Suresh welcomed the members. The following points were discussed in the meeting.

S. No.	Details	Action to be taken
1.	The AQAR report of the academic year 2019-20 and NBA accreditation process for the upcoming years	NAAC & NBA Co-ordinator
2.	The management insisted that our Institute should follow a standard academic system in place to take care of the slow-learners, to improve their knowledge and to get good academic performance	All the HODs
3.	The council members recommended to send proposals like Research Proposal Scheme and MODROB to various funding agencies especially to AICTE, DST and TNSCST	All the HODs
4.	The council members reviewed the complete statement on teaching learning programs, action plan for high intensity training and other events	All the HODs

The meeting came to an end with a vote of thanks by IQAC Coordinator Dr. B. Vaikundaselvan.



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Coimbatore - 641 062.

Principal
PRINCIPAL
KATHIR COLLEGE OF ENGINEERING,
NEELAMBUR.



KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Ref: KCE/IQAC/2020-2021/1

20.8.2020

Dear Member,

Please find the Composition of the IQAC of Kathir College of Engineering, Neelambur, Coimbatore for Academic year 2020-2021. This is based on the guidelines of NAAC. The Primary objective of our IQAC is to develop an eco-system for Industry driven Academics to improve the overall performance of our institution. I hereby request you to contribute with your valuable inputs during our meetings towards reaching the goal.

S No.	Name	Designation	Category
1	Dr. R. Udaiyakumar	Principal, KCE	Chairman
2	Dr. G. Doraisamy	CEO, Kathir Institutions	Management Representative
3	Shri. Malligarjunababu	Administrative Officer, KCE	Senior administrative officers of College
4	Smt. Preetha Moulishankar	Accounts Officer, KCE	
5	Dr. S J K Jagadeeshkumar	Professor & HoD, Department of Computing Sciences	Teachers
6	Dr. N.A. Natarajan	Associate professor in ECE	
7	Dr. D. Tamilmani	Professor in Civil Engg	
8	Dr. Kannan Nithin	Professor in Physics	
9	Shri.J.Hariharan Reg.No:71161714010	IV Year Mech	Students
10	Shri.T.Raja Reg.No:711618105011	III Year EEE	
11	Smt.V.Gayathiri Reg.No:711619106008	II Year ECE	
12	To be identified (NYJ)	I year AI & DS	
13	Mr. Vigneshwaran	Chief Executive Officer Virtual Frontier Robotics Private Limited. Email:	Alumni



Dr. R. UDAIYAKUMAR, ME., Ph.D.,

Principal

Kathir College of Engineering

"Wisdom Tree" Ashoknagar

Neelambur, Coimbatore - 641 062

		vignesh.waran905@gmail.com Mobile: 99441 53424	
14	Dr. R. Pradeep Kumar	Chief Innovation Officer, Amphisoft Technologies. Email: pradeep@amphisoft.in Mobile: 9944424861	Employer
15	Mr. R. Rameshbabu	Manager- Training school, Fanuc India Email: rameshbabu.r@fanucindia.com Mobile: 9900589096	Industrialist
16	Dr. B. Vaigunda Selvan	Associate Professor & HoD, Department of EEE	Coordinator of the IQAC

20/8/20

PRINCIPAL

Copy To

All members concerned

IQAC file for record

Notice Board

Secretary, KCE





KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Ref: KCE/IQAC/2020-2021/2

26.8.2020

Internal Quality Assurance Cell (IQAC)

Circular

Sub: IQAC Meeting – Intimation to the members of the IQAC

Dear Member,

An IQAC Meeting is arranged on 02.09.2020 which will be conducted through online. All the members of the IQAC are requested to attend the meeting at 3:30PM. The points to be discussed in the meeting are as follows:


AGENDA:

1. Action taken on the previous meeting minutes
2. Mandatory disclosure submission
3. KCE website updation
4. Online classes
5. Alumni and Parent's meet
6. Webinars
7. Faculty performance appraisal
8. Faculty publications
9. Any other matter


Principal/Chairman of IQAC

Copy to

1. All IQAC members
2. IQAC File for record
3. Management


Dr. R. UDAYAKUMAR, ME., Ph.D.,
Principal

Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur Coimbatore - 641062.



PRINCIPAL
Kathir College of Engineering
Neelambur
Coimbatore - 641062.




KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062


Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Name of the Meeting: Internal Quality Assurance Cell (IQAC) meeting		Ref. No. :KCE/IQAC/2020-2021/3		
Venue : online mode		Date of the Meeting : 02.09.2020		
Members Present : all IQAC members except Dr. G. Doraisamy, CEO/MR, KCE		Time : 3:30PM - 5PM		
SL. No.	Points taken up for Discussion	Remarks / Action to be taken	Responsibility	Target date
1	Academic year plan	<ul style="list-style-type: none">Principal welcomed all the members for the meeting.Follow up process is ongoing for the action taken for the academic year plan for even semester 2019-2020 and odd semester 2020-2021	All the HODs	31.12.2020
2	Mandatory Disclosure submission	<ul style="list-style-type: none">The IQAC coordinator told that the process of preparing mandatory disclosure for the Academic Year 2020-2021 is in process	IQAC Team	31.12.2020
3	Website updation	<ul style="list-style-type: none">Principal insisted to update the KCE website in line with the current data	All the HODs	15.01.2021
4	Online classes	<ul style="list-style-type: none">Principal briefed the process of handling academic classes in online mode through the EBox platform.	All Faculty	Continuous
5	Alumni and Parent's meet	<ul style="list-style-type: none">IQAC proposes to organize Alumni and Parent's meet more frequently in order to acquire inputs from them regarding	All the HODs  Dr. R. UDAYAKUMAR, M.E., Ph.D., Principal	31.12.2020


6	Webinars	<ul style="list-style-type: none"> Principal suggested that the faculty members may be encouraged to attend more webinars offered by various reputed organisations. 	All faculty	Continuous
7	Faculty performance Appraisal	<ul style="list-style-type: none"> The Governing Council members insisted to design and implement standard format for Faculty Performance Appraisal for the forthcoming years 	Principal	31.12.2020
8	Faculty publications	<ul style="list-style-type: none"> All department NAAC coordinators were requested to give the updated faculty list and their publication to IQAC cell 	IQAC coordinator	15.01.2021
9	NSS Activities	<ul style="list-style-type: none"> The management insisted to conduct NSS activities for the upcoming semester 	NSS coordinator	31.12.2020
10	Concluding Remarks	<ul style="list-style-type: none"> The meeting was concluded with a vote of thanks from IQAC Coordinator 	IQAC co-ordinator	


Copy to

1. All IQAC members
2. IQAC File for record
3. Management


 IQAC Coordinator
 [Dr. B. Prabakaran]




 Dr. R. UDAIYAKUMAR, ME., Ph.D.,
 Principal
 Kathir College of Engineering
 "Kathir" Ashram Road,
 Neelambur, Coimbatore - 641 062.


 21/12/20
PRINCIPAL
PRINCIPAL
 Kathir College Of Engineering
 Neelambur,
 Coimbatore - 641 062.



KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

INTERNAL QUALITY ASSURANCE CELL (IQAC)

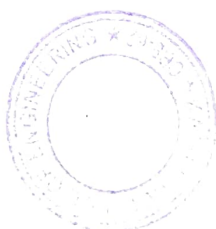
Ref: KCE/IQAC/2020-2021/9

18.1.2021

Dear Member,

Please find the revised composition of the IQAC of Kathir College of Engineering, Neelambur, Coimbatore for Academic year 2020-2021. This is based on the guidelines of NAAC. The Primary objective of our IQAC is to develop an eco-system for Industry driven academics to improve the overall performance of our institution. I hereby request you to contribute with your valuable inputs during our meetings towards reaching the goal.

S No.	Name	Designation	Category
1	Dr. R. Udaiyakumar	Principal, KCE	Chairman
2	Dr. G. Doraisamy	CEO, Kathir Institutions	Management Representative
3	Shri. Malligarjunababu	Administrative Officer, KCE	Senior administrative officers of College
4	Smt. Preetha Moulishankar	Accounts Officer, KCE	
5	Dr. S J K Jagadeeshkumar	Professor & HoD, Department of Computing Sciences	Teachers
6	Dr. V L Mangesh	Professor & HoD, Department of Mechanical Engineering	
7	Dr. G. Manjula	Professor & HoD in Civil Engg.	
8	Dr. K.V.Kannan Nithin	Professor in Physics	
9	Shri.J.Hariharan Reg.No:71161714010	IV Year Mech	Students
10	Shri.T.Raja Reg.No:711618105011	III Year EEE	
11	Smt.V.Gayathiri Reg.No:711619106008	II Year ECE	
12	Shri. K.B.Aakaash Reg.No:711620243001	I year AI & DS	
13	Mr. Vigneshwaran	Chief Executive Officer Virtual Frontier Robotics	Alumni



Dr. R. UDAIYAKUMAR, ME, Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road
Neelambur, Coimbatore - 641062

		Private Limited. Email: vignesh.waran905@gmail.com Mobile: 99441 53424	
14	Dr. R. Pradeep Kumar	Chief Innovation Officer, Amphisoft Technologies. Email: pradeep@amphisoft.in Mobile: 9944424861	Employer
15	Mr. R. Rameshbabu	Manager- Training school, Fanuc India Email: rameshbabu.r@fanucindia.com Mobile: 9900589096	Industrialist
16	Dr. B. Prabakaran	Head of the Department, EEE	Coordinator of the IQAC

DR
18/1/21
PRINCIPAL

Copy To

All members concerned

IQAC file for record

Notice Board

Secretary, KCE for information

DR



KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Ref: KCE/IQAC/2020-2021/10

22.1.2021

Internal Quality Assurance Cell (IQAC)

Circular

Sub: IQAC Meeting – Intimation to the members of the IQAC

Dear Member,

An IQAC Meeting is arranged on 28.01.2021 at MBA Seminar Hall. All the members of the IQAC are requested to attend the meeting at 3:30PM. The points to be discussed in the meeting are as follows:

AGENDA:

1. Governance at KCE
2. Online classes
3. Placement Record
4. System for slow learners
5. Conducting FDPs
6. Department association activities
7. Internal Academic Audit
8. AQAR 2020-2021



Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal


Kathir College of Engineering
"Wisdom Tree" Avinashi Rd.,
Neelambur, Coimbatore - 641 062

9. Content preparation
10. Students counselling
11. Funded research projects
12. Any other matter


Principal/Chairman of IQAC

Copy to

1. All IQAC members
2. IQAC File for record
3. Management


PRINCIPAL
Kathir College Of Engineering
Neelambur,
Coimbatore - 641 062.



KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

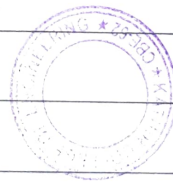
Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Internal Quality Assurance Cell

IQAC Meeting held on 28.01.2021

Attendance sheet

S.No	Name	Designation	Signature
1.	Dr. R. Udaiyakumar	Principal, KCE	
2.	Dr. G. Doraisamy	CEO, Kathir Institutions	
3.	Shri. Malligarjunababu	Administrative Officer, KCE	Leave on Absence
4.	Smt. PreethaMoulishankar	Accounts Officer, KCE	
5.	Dr. S J K Jagadeeshkumar	Professor & HoD, Department of Computing Sciences	
6.	Dr. V L Mangesh	Professor & HoD, Department of Mechanical Engineering	
7.	Dr. G. Manjula	Professor & HoD in Civil Engg.	
8.	Dr. K.V.Kannan Nithin	Professor in Physics	
9.	Shri.J.Hariharan Reg.No:71161714010	IV Year Mech	
10.	Shri.T.Raja Reg.No:711618105011	III Year EEE	
11.	Smt.V.Gayathiri Reg.No:711619106008	II Year ECE	
12.	Shri. K.B.Aakaash Reg.No:711620243001	I year AI & DS	
13.	Mr. Vigneshwaran	Chief Executive Officer Virtual Frontier Robotics Private Limited.	
14.	Dr. R. Pradeep Kumar	Chief Innovation Officer, Amphisoft Technologies.	
15.	Mr. R. Rameshbabu	Manager- Training school, Fanuc India	
16.	Dr. B. Prabakaran	Coordinator-IQAC	



Dr. R. UDAIYAKUMAR, ME, Ph.D.,

Principal

Kathir College of Engineering

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062



KATHIR COLLEGE OF ENGINEERING

[Approved by AICTE and affiliated to Anna University]

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Web: www.kathir.ac.in, Email: kathirce@kathir.ac.in

Name of the Meeting: Internal Quality Assurance Cell (IQAC) meeting		Ref. No. :KCE/IQAC/2020-2021/11		
Venue : MBA Seminar Hall		Date of the Meeting : 28.01.2021		
Members Present : all IQAC members except Dr. G. Doraisamy, CEO/MR, KCE		Time : 3:30PM - 5PM		
SL No.	Points taken up for Discussion	Remarks / Action to be taken	Responsibility	Target date
1	Governance at KCE	<ul style="list-style-type: none">Principal welcomed all the members for the meeting.Strategic Planning for good governance at KCE was discussed	Principal and IQAC coordinator All faculty members	31.05.2021
2	Online Classes	<ul style="list-style-type: none">Online classes are conducted successfully by the faculty.	All faculty members	Continuous
3	Placement Record	<ul style="list-style-type: none">Members were keen on knowing the steps taken to identify the career perspectives of final year students and suggested to improve the placement record further	Principal, Placement officer and all HoDs	Continuous
4	System for slow learners	<ul style="list-style-type: none">Members were keen on understanding the system followed to take care of slow-learners and insisted to improve their knowledge for better academic performance	All the HODs	31.05.2021

Dr. R. UDAYAKUMAR, M.E., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



5	Conducting FDPs	▪ The members insisted to take initiation for the conduction of FDPs in the emerging areas	All the Faculty	31.05.2021
6	Department association activities	▪ The members insisted to improve all the department association activities	All the HODs	31.05.2021
7	Internal Academic Audit	▪ The members insisted to conduct IQAC Internal Academic Audit	IQAC co-ordinator	31.05.2021
8	AQAR2020-2021	▪ The AQAR report of the academic year 2020-21 and accreditation process for the upcoming years	IQAC co-ordinator	31.12.2021
9	Content preparation	▪ Principal insisted the content preparation for the upcoming semester	All the Faculty	15.02.2021
10	Students counselling	▪ Principal insisted all the mentors for periodic counselling of the students to address their grievances	All the HODs	31.05.2021
11	Funded research projects	▪ Principal insisted all the faculty members to apply and get the funds on research projects	All the faculty	31.05.2021
12	Concluding Remarks	▪ The meeting was concluded with a vote of thanks from IQAC Coordinator	IQAC co-ordinator	

B. Prabhakaran
 IQAC Coordinator
 [Dr. B. Prabhakaran]

AB

AB
 28/11/21
 PRINCIPAL

Copy to

1. All IQAC members
2. IQAC File for record
3. Management



PRINCIPAL
 Kathir College Of Engineering
 Neelambur,
 Coimbatore - 641 062.



Kathir College of Engineering

[Approved by AICTE | Affiliated to Anna University | Accredited by NAAC]

Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62

INTERNAL QUALITY ASSURANCE CELL (IQAC)


Quality Initiatives

1. Curricular Aspects

KCE follows Choice based credit system regulations and curriculum of affiliating university which is Anna university. CBCS provides a learning platform wherein the student or knowledge seeker has the flexibility to choose their course from a list of elective, core and soft skill courses. This is a student-centric approach to learning or acquiring higher education.

2. Teaching - Learning and Evaluation

- i. Students' centric pedagogy to achieve graduate attributes
- ii. Promote pedagogical innovation and encouraging innovative teaching practices among the staff and staff development.
- iii. Teaching aids like LCD, ICT e-resources for Teaching and Learning Management System (LMS) were utilized and promoted.
- iv. MOOC courses by IIT Bombay, IIT Kharagpur, NPTEL, Spoken Tutorials and faculty members are qualified in various courses
- v. Initiated CO-PO attainment for all programs
- vi. Students are mentored (1:20) by interactive sessions other than the regular classroom / laboratory contact hours.
- vii. Special Attention will be paid towards slow Learners.
- viii. Training on Life Skills and Campus Recruitment Training (CRT)
- ix. Conducts induction programme to the newly joined faculty
- x. Conducts orientation and induction programme for the first Year students


Dr. R. UDAIYAKUMAR, M.E., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Coimbatore - 641 062.



- xi. Conducting Workshops/Guest Lectures/FDP/Conferences/Sports Activities
- xii. Review of result analysis for every semester

3. Research Innovations and Extensions

- i. Establishing incubation centers for promoting entrepreneurship in the student
- ii. Providing consultancy on modest scale to private industries


4. Infrastructure and Learning Resources

- i. Remote accessing facility to e-learning for students and faculty
- ii. KCE has 100% ICT enabled class rooms
- iii. Maintaining Clean and Green campus environment.
- iv. Digital library is available with free internet facility and with latest journals by on- campus and off- campus logins.

5. Student Support and Progression

- i. Strengthened Career Guidance and Placement Cell.
- ii. Transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases.
- iii. Hackathons, industrial visits, mock interviews, guest lectures, career counselling classes, workshops, motivational classes, personal counselling, softskill training, remedial classes, bridge courses, yoga and meditation classes are being conducted.
- iv. KCE conducts technical seminar, Quizzes, Engineers day, science day, cultural fest and Sports every year.
- v. Engaged Students in constructive and sensitive services to the community through NSS.
- i. Implementing Mentor - Mentee System.




 Dr. R. UDAYAKUMAR, M.E., Ph.D.,
 Principal
 Kathir College of Engineering
 "Wisdom Tree" Avinashi Road,
 Neelankuppam, Chennai - 601 062.

6. Governance, Leadership and Management

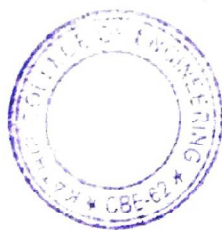
- i. Strategic plan prepared
- ii. Regular Academic Audits are conducted.
- iii. Participation in NIRF ranking


7. Institutional Values and Best Practices

- i. KCE is environmental and eco-friendly institution.
- ii. More Green Initiatives such as wastewater treatment as well as recycling and rainwater harvesting are followed.
- iii. Established solar power station of 30KW
- iv. KCE conducts Regular Energy audit
- v. KCE conducts Blood donation camps through NSS.
- vi. Institution encourages the Projects with social relevance
- vii. Signed MOUs with industries
- viii. Conducting Student Satisfaction Survey.
- ix. Conduct Parent- Teachers Meeting
- x. Taking the Performance Appraisals of Teaching and Non-Teaching Members
- xi. Redressal of grievances received by stake holders
- xii. Preparation of annual report and conduct of internal and external Audit

8. Some more initiatives planned

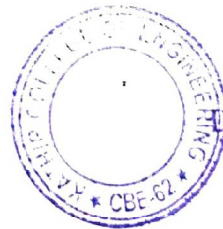
- i. To establish Centre of Excellences in various departments
- ii. To conduct gender sensitization to all the faculty and students
- iii. To prepare research project proposals and writing scientific/research articles
- iv. To facilitate faculty members to apply to different state and central funding agencies for research projects.





Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

9. IQAC Strategies

- i. Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks
- ii. Optimization and integration of modern methods of teaching and learning
- iii. Ensuring the credibility of evaluation procedures
- iv. Ensuring the adequacy, maintenance and functioning of the support structure and services
- v. Establish the relevance of academic quality to augment R&D activities
- vi. Provide access to various cost-effective academic programmes to all sections of society
- vii. Use of modern methods of teaching and learning
- viii. Develop suitable rubrics to attain and assess academic quality
- ix. Deploy resources for strong support to infra-structure and technical-services
- x. Focus on resource mobilization for consultancy




Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Karthi College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.



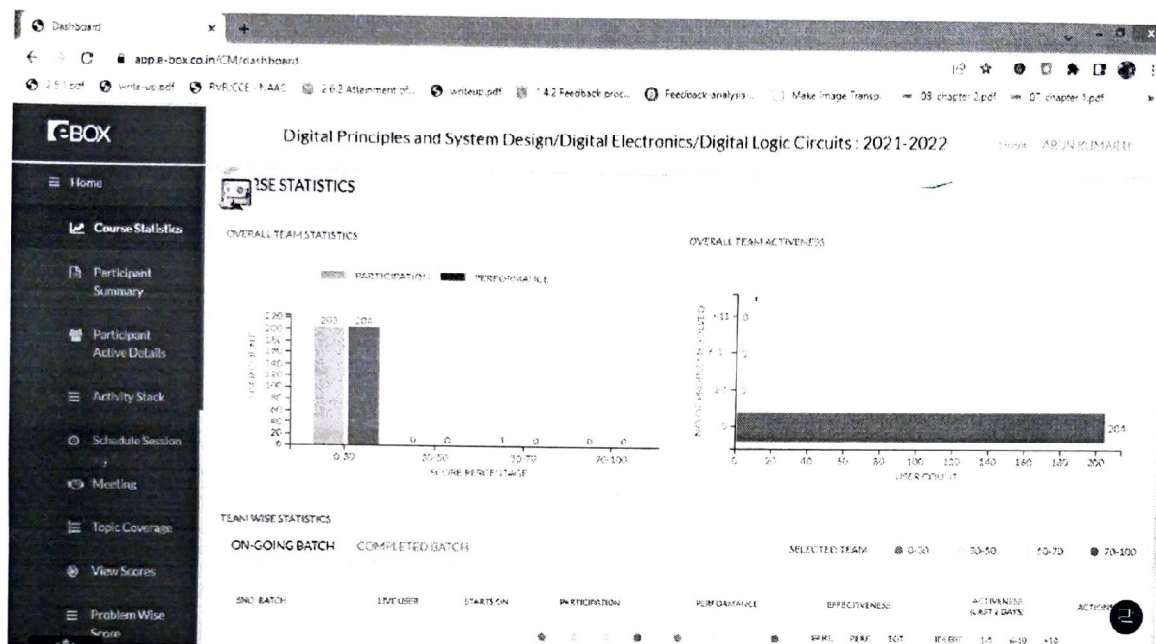
Kathir College of Engineering

[Approved by AICTE | Affiliated to Anna University | Accredited by NAAC]

Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62

ICT based Teaching Learning Process

Tech Enabled Teaching and Learning:



The screenshot displays the E-BOX dashboard for the course "Digital Principles and System Design/Digital Electronics/Digital Logic Circuits : 2021-2022". The dashboard includes a sidebar with navigation options like Home, Course Statistics, Participant Summary, and Activity Stack. The main content area shows "ATTENDANCE REPORT USING SESSION ATTEMPT" with a table of attendance records.

Module	Session	Team	Status
Introduction and review of Num...	Number Systems, Arithmetic O...	KCE_2024_CSE	Current Status

S.NO	REGISTER NUMBER	NAME	ATTENDANCE
1	KCE20CS001	ABHIJITH	Present
2	KCE20CS003	CHIRAK R	Present
3	KCE20CS004	CHANDINI T	Present
4	KCE20CS005	DARSHINI PRABHAR	Present
5	KCE20CS006	Divyadharshini M	Present
6	KCE20CS008	John Prabhu G	Present
7	KCE20CS009	Karthikeyan	Present



R. UDAYAKUMAR, ME., Ph.D.
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

Digital Principles and System Design/Digital Electronics/Digital Logic Circuits : 2021-2022							
1	Lecture Session XV	DPSD/DE/DLC 2021-22	18-10-2021 11:00	19-10-2021 12:30	arun.udayakumar@gmail.com		35
5	Lecture Session XIV	DPSD/DE/DLC 2021-22	11-10-2021 11:00	11-10-2021 12:30	arun.udayakumar@gmail.com		47
6	Lecture Session XIII	DPSD/DE/DLC 2021-22	07-10-2021 11:00	07-10-2021 12:30	arun.udayakumar@gmail.com		43
7	Lecture Session XII	DPSD/DE/DLC 2021-22	30-09-2021 11:00	30-09-2021 12:30	arun.udayakumar@gmail.com		46
8	Lecture Session XI	DPSD/DE/DLC 2021-22	27-09-2021 11:00	27-09-2021 12:30	arun.udayakumar@gmail.com		23
9	Lecture Session X	DPSD/DE/DLC 2021-22	23-09-2021 11:00	23-09-2021 12:30	arun.udayakumar@gmail.com		23
10	Lecture Session IX	DPSD/DE/DLC 2021-22	20-09-2021 11:00	20-09-2021 12:30	arun.udayakumar@gmail.com		25
11	Lecture Session VIII	DPSD/DE/DLC 2021-22	16-09-2021 11:00	16-09-2021 12:30	arun.udayakumar@gmail.com		23
12	Lecture Session VII	DPSD/DE/DLC 2021-22	13-09-2021 11:00	13-09-2021 12:30	arun.udayakumar@gmail.com		23
13	Lecture Session VI	DPSD/DE/DLC 2021-22	09-09-2021 11:00	09-09-2021 12:30	arun.udayakumar@gmail.com		23
14	Lecture Session V	DPSD/DE/DLC 2021-22	06-09-2021 11:00	06-09-2021 12:30	arun.udayakumar@gmail.com		25
15	Lecture session IV	DPSD/DE/DLC 2021-22	02-09-2021 11:00	02-09-2021 12:30	arun.udayakumar@gmail.com		18
16	Lecture Session III	DE/DLC/DE/ED 2021	26-08-2021 11:00	26-08-2021 12:30	arun.udayakumar@gmail.com		19
17	Introduction to Digital Logic Design	Lecture Session	19-08-2021 10:40	19-08-2021 12:10	arun.udayakumar@gmail.com		22

Dashboard

← → ↺

apple-box.co.in/CM/dashboard

2.5.1.pdf write-up.pdf RVR/ICE - NAAC 2.6.2 Attainment of... write-up.pdf 1.4.2 Feedback form... Feedback analysis... Mobile Image Trans... 03 chapter 2.pdf 07 chapter 1.pdf

E-BOX

Participant Active Details

Activity Stack

Schedule Session

Meeting

Topic Coverage

View Scores

Problem Wise Score

Course Outcome

Lesson Plan Dashboard

Digital Principles and System Design/Digital Electronics/Digital Logic Circuits : 2021-2022

VIEW PRINT SUMMARY

TICE / ASSESSMENT SCORE DETAILS

Module

Session

Grade Component

Team

Introduction and review of Num...

Number Systems, Arithmetic O...

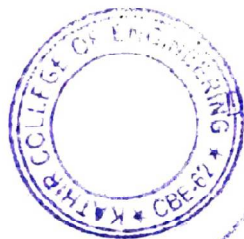
Select Grade Component-

KCE_2024_CSE

Search

SNO	REGISTER NUMBER	NAME	STATUS	SCORE (%)	GRACY TIME	SCART TIME	END TIME	CI	PERIOD
1	KCE20CSE17	Sri Sakthi M		90.0 %		02-09-2021 10:55		90.0	10
2	KCE20CSE702	Jayashree S		70.0 %		07-10-2021 15:46		70.0	10
3	KCE20CSE15	Rithika M S		70.0 %		02-09-2021 23:52		70.0	10
4	KCE20CSE011	Manohar Sahi		70.0 %		25-09-2021 19:35		70.0	10
5	KCE20CSE005	DARSHINI PRABHAR		60.0 %		26-09-2021 14:13		60.0	10
6	KCE20CSE020	Naveen Kumar N		60.0 %		10-09-2021 14:16		60.0	10

14:36 06-04-2022



Dr. R. UDAYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

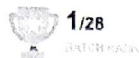


Sri Sakthi M

KCE20CS017

Kathir College of Engineering

Outliers



Participation



Quadrant Summary

QUADRANT 14

Low Calibre, Consistent Learner

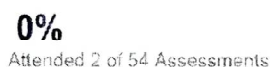
OUTLIERS



SUITABILITY

You are qualified for job roles offering 3L+ Salary.

Performance



AIM FOR:

You can aim to become part of the Standard+ Group (4L+ salary)..

HOW TO IMPROVE YOUR METRICS?

- 1) Have confidence in your abilities and avoid solving problems as a group.
- 2) Solve them individually. Attend all nugget assessments to improve your confidence level.
- 3) Rework on the topics/exercises in which you lack confidence by which your completion will improve.

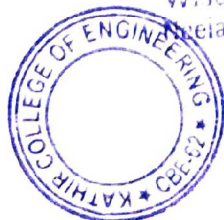
Practice Session Score Details

SNO	TOPIC	I-LEARN	I-EXPLORE	I-ANALYSE	I-DESIGN
1	Introduction and review of Number systems, Arithmetic operations and Binary Codes	100.0% 2/2	80.0%	0.0%	AB
2	Boolean Algebra and Logic Gates - Theorems and Properties - I	100.0% 2/2	0.0%	AB	AB
3	Boolean Algebra and Logic Gates - Theorems and Properties - II	100.0% 2/2	0.0%	0.0%	AB
4	Boolean Functions - Canonical and Standard Forms - I	100.0% 2/2	0.0%	AB	AB
5	Boolean Functions - Canonical and Standard Forms - II	100.0% 2/2	20.0%	AB	AB
6	Simplification of Boolean Functions using Karnaugh Map - I	100.0% 2/2	80.0%	13.33%	68.75%
7	Simplification of Boolean Functions using Karnaugh Map - II	100.0% 2/2	100.0%	40.0%	81.25%
8	Simplification of Boolean Functions using Karnaugh Map - III	100.0% 2/2	100.0%	100.0%	80.40%
9	Simplification of Boolean Functions using Karnaugh Map - Example Problems - 1	100.0% 2/2	80.0%	100.0%	93.75%
10	Simplification of Boolean Functions using Karnaugh Map - Example Problems - 2	100.0%	100.0%	40.0%	80.0%
11	NAND and NOR Implementation	100.0% 2/2	100.0%	100.0%	88.87%
12	NAND and NOR Implementation - Example Problems	100.0%	100.0%	100.0%	80.0%
13	Combinational Circuits - Analysis and Design Procedures	100.0%	20.0%	AB	AB
14	Combinational Circuit Design - Example Problems - 1	100.0%	100.0%	0.0%	12.5%
15	Combinational Circuit Design - Example Problems - 2	100.0%	75.0%	0.0%	60.0%

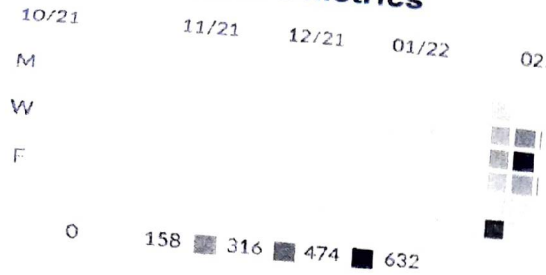
DR. UDAIYAKUMAR, ME, Ph.D.
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Coimbatore - 641 062.

	Binary Adder-Subtractor -Decimal Adder-Binary Multiplier	100.0%	0.0%	0.0%	AB
17	Magnitude Comparator-Code converter	100.0%	100.0%	No Session	31.25%
18	Code Converters - Example Problems	100.0%	No Session	25.0%	
19	Decoder and Encoder	100.0%	100.0%	80.0%	41.67%
20	Multiplexer and Demultiplexer	80.0%	100.0%	100.0%	13.33%
21	MUX and DeMUX - Example Problems	100.0%	100.0%	100.0%	No Session
22	Logical Circuit Design - Example Problems	100.0%	100.0%	100.0%	8.33%
23	Introduction to HDL and HDL Models of Combinational circuits	AB	AB	AB	AB
24	Combinational and Logical Circuit Design - Example Programs	0.0%	0.0%	0.0%	0.0%
25	Sequential Circuits - SR,JK, T and D Flipflops and Latches, Types of Triggering	100.0%	2.38%	83.33%	0.0%
26	Analysis of Clocked Sequential Circuits	100.0%	0.0%	100.0%	0.0%
27	Flipflops, Sequential Circuit Analysis and Design - Example Problems - 1	100.0%	100.0%	100.0%	12.5%
28	Sequential Circuit Analysis and Design - Example Problems - 2	100.0%	100.0%	100.0%	No Session
29	State diagram, Reduction and Assignment	100.0%	100.0%	100.0%	No Session
30	State Reduction and Assignment - Example Problems	100.0%	100.0%	100.0%	No Session
31	Synchronous and Asynchronous Counters - Design Procedure	100.0%	42.11%	100.0%	25.0%
32	Synchronous and Asynchronous Counters - Example Problems and Shift Registers	100.0%	40.0%	100.0%	15.0%
33	Counters - Example Problems - 1	100.0%	20.0%	100.0%	23.33%
34	Counters and Shift Registers - Example Problems - 2	100.0%	20.0%	100.0%	8.33%
35	HDL Models of Sequential circuits	100.0%	100.0%	No Session	0.0%
36	Sequential Circuit Design - Example Programs	100.0%	100.0%	No Session	0.0%
37	Asynchronous sequential logic circuits-Transition stability, flow stability, PFT	100.0%	100.0%	33.33%	12.5% ^{2/2}
38	Analysis of asynchronous sequential logic circuits - I	100.0%	100.0%	100.0%	25.0%
39	Analysis of asynchronous sequential logic circuits - II	100.0%	100.0%	No Session	12.5%
40	Asynchronous sequential Circuit Analysis and Design - Example Problems - 1	100.0%	100.0%	No Session	16.67%
41	Flow diagram and Table - Reduction and Assignment	100.0%	100.0%	25.0%	0.0%
42	Flow diagram and Table - Reduction and Assignment - Example Problems	100.0%	100.0%	No Session	72.73%
43	Races, Cycles and Hazards	100.0%	100.0%	100.0%	No Session
44	Races, Cycles and Hazards - Example Problems	100.0%	100.0%	100.0%	No Session
45	RAM -Memory Decoding	100.0%	100.0%	83.33%	95.19%
46	Error Detection and Correction -ROM	100.0%	100.0%	82.5%	100.0%
47	Programmable Logic Array	100.0%		0.0%	0.0%
48	Programmable Array Logic	100.0%	100.0%	No Session	100.0%
49	Digital Logic Families	100.0%	100.0%	100.0%	100.0%
50	Test	AB ^{0/2}	AB	AB	AB ^{0/2}

Dr. R. UDAYAKUMAR, ME., Ph.D.
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Tiruchengode, Coimbatore - 641 062.



Problem Solved Metrics



Time Spent Metrics

Total Hour Spent:	71 Hrs
Total Day Spent:	34 Days
Average Time Spent:	2 Hrs

Assessment Score Details

SNO	TOPIC	SESSION	ASSESSMENT DATE	SCORE
1	Error Detection and Correction -ROM	Error Detection and Correction -ROM	16-02-2022 03:02 PM	0.0
2	Programmable Array Logic	Programmable Array Logic	24-02-2022 11:02 AM	0.0

User Score Status



Best Practice I

Practice

Tech Enabled Teaching and Learning for performance assessment of Individual students

Objective

To precisely observe the learning behaviour of each student to identify the strengths and weaknesses of individual student

Context

Each student's learning behaviour is different. They may fall into any one of Gardner's multiple intelligence models. Similarly the learning pace is also different for different students. It is essential to give individual attention to all the students during every learning activity by exposing them to exhaustive testing environment. This leads to have an elaborate assessment model with different segment of questions ranging from remembering skills to creating skills. In class strength of 60, if we frame 10 questions for each lecture session, we end up with 600 solutions which will be humanly impossible to assess on daily basis and identify the strengths and weaknesses. This leads to the dependency of any Artificial Intelligence driven platform to precisely assess the learning behaviour of individual student.

Activity

In our College we use an AI driven Ed-Tech Platform where each faculty member will frame at least 20 questions as per RBT norms for each lecture and upload in the platform to get at least 900 questions with 300 Higher Order Thinking questions to test their analysing, evaluating and creating skills. In the process of finding solutions for the framed HoT questions, students have to refer to many resources based on their learning interest. The platform will precisely record the learning behaviour of individual student through the way students take up the question and find the solution. This gives a clear picture about strength and weakness of individual student.

Proof of concept

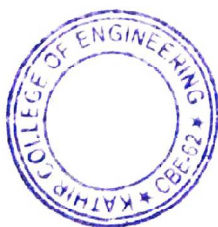
The proposed best practice has produced an improved performance in following areas:


1. Increased Pass percentage in regular academics
2. Improved performance during placement activities
3. Quality of Project works are improved

Challenges encountered

Preparing the students to shift their learning style from conventional to tech driven was the biggest challenge. Initially we had a lot of apprehension from students but several orientation and brainstorming sessions helped us to make students understand the real purpose of this activity.

Requirement




Dr. R. UDAYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neelambur, Coimbatore - 641 062.

Investment on purchasing a customizable third party Ed-tech platform and Faculty empowerment for maximum utilization of the features of the platform.

Best Practice II

Practice

Generating public visibility, curiosity and good will for the institution by conducting events open to the public free-of-charge

Objective

To trigger the support of the community in the institute's immediate vicinity as well as that of the Coimbatore district/nearby districts for enquiries and admissions of their wards/known contacts to the UG and PG programs offered by Kathir College of Engineering

To build brand equity and brand recall

Context

The institute needs to build public visibility and good will in the minds of the community in its immediate vicinity as well as in the extended region of Coimbatore district and nearby districts to sustain its economic viability and continued operations.

- The institute has to develop a public image by giving back to the community services which includes conducting events that are open to the public
- The institute's trustees are able to leverage the offices of government authorities to lend assistance and support to the institutions initiatives involving the public

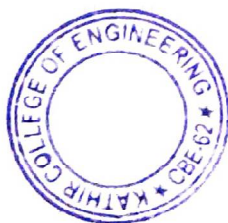
Activity

The institute has organized events that are open to the public free-of-charge namely – a state-level job fair, public exhibitions, offered its facilities of seminar halls, classrooms, auditorium for conducting competitions for school children and reached out to and arranged transport free-of-charge, refreshments and lunch on week-ends for school students especially who are currently attending secondary school education to visit its laboratories, interact with faculty members to inform their decision-making about their higher education

The hosting of public events free-of-charge (state-level job fair, public exhibitions) acknowledges the need of the institute for direct or indirect support of its immediate community and the public at large

The institute encountered the challenge of carrying out the open-to-public events entirely with the assistance and support of its staff by motivating them to take advantage of the occasion to engage with the public, government authorities and perform their role in contributing to societal responsibilities

Proof of concept



Dr. R. UDAIYAKUMAR, M.E., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neeiambur, Coimbatore - 641 062.

The events were well organized and were well attended by the public. Among the many such events organized by the institute the state-level job fair enabled freshers, experienced candidates to find suitable employment

These events have built good will, brand equity involving positive brand association and recall for the institution.

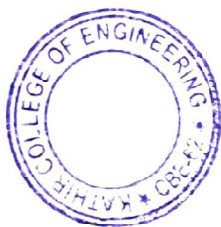
The results indicate that initiatives involving the community and public support are well received and that they deserve to be provided periodically to sustain the good will and engagement already built and to be of mutual benefit.

Challenges Encountered and Resources Required

The public events need the full assistance and support of the institute's staff as engaging any external event manager will entail charging an entry fee for the public which will turn the nature of the event to a commercial exercise.

The events need to be scheduled in a manner where the entire physical infrastructure, systems of the institute will be entirely available for the event.

The institute's management should continue to leverage the good offices of the trustees to be involved in initiatives undertaken by governmental and non-governmental authorities for the long term benefit of the college.



8/7
Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Nectanur, Coimbatore - 641 062.

To provide students practice based, artificial intelligence enabled learning experience

Designing of the system

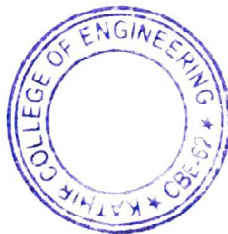
- The institution has set its eye on preparing students for their career and the community at large by giving them the practice based, technology enabled learning experience.
- This entails the faculty members to augment the traditional teaching learning materials with online content.
- The Tech enabled was equipped with interactive tools.
- The contents of the practice sessions were designed to match the industry requirements apart from the prescribed syllabus.
- The students were exposed to topic wise challenging questions in line with Bloom's taxonomy.


Assessment of the students

- The practice sessions are instantly assessed by AI driven platform which gives our students immediate feedback on their individual and relative learning performance thereby motivating them to achieve higher levels of learning.

Performance of the students

- The AI enabled platform provides an instantaneous longitudinal digital profile of the student's performance in the practice sessions.
- This provides a real time report of the students to the faculty. This was also shared with the stake holders (students, parents and management).
- The LDP data is used by the placement office for their placement and training operations.




Dr. R. UDAIYAKUMAR, ME., Ph.D.,
Principal
Kathir College of Engineering
"Wisdom Tree" Avinashi Road,
Neeelambur, Coimbatore - 641 062.