

**St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell**

SXCCE/CIR/ IQAC/232

09-11-2020

**Circular
Benchmarks 2020-2021**

The following are the Benchmarks set by the IQAC for the academic year 2020-2021.

Faculty:-

- In order to enhance the leadership skills, faculty members are asked to complete one online course on leadership
- College arranges a workshop for faculty members for Bloom's taxonomy based teaching so as to train the students on higher order thinking.
- Faculty members are asked to do self SWOC analysis and attend FDP as per the analysis.

Students Support and Performance:-

Scholarship

- Database of all Government scholarships (from MHRD, AICTE etc.) be created, students shall be informed and appropriate actions shall be taken for students to apply and benefit.

Online Courses

- At least 15% of students complete online courses and obtain certificates.

Academic Performance

- Graduation rate be greater than or equal to 90%.
- Minimum expected UG pass percentages are
 - Final Year 95% for subject and 90% for class
 - Third Year 90% for subject and 80% for class
 - Second Year 80% for subject and 70% for class
 - First Year 80% for subject and 70% for class

Placement and Entrepreneurship

- Placements of master degree students be improved.
- Institute starts incubation and innovation centre.
- Departments prepare at least two students to start startups.

GATE and IES Examination

- All the final year B.E./B.Tech. students are to be motivated to write GATE examination. GATE model examination be conducted every year in the month of December.
- At least 10% of graduates qualify in GATE and 5% in IES examinations.

Higher Study

- Departments take efforts to increase the number of students opting for higher studies.

Research:-

- Departments of MBA, Mathematics and Chemistry become research centers.
- Institute sets 1 Crore as the project funding target.

Center of Excellence:-

- Departments start center of excellence.

Accreditation:-

- MBA and M.E. Structural Engineering programs can prepare for NBA accreditation and apply for accreditation in the academic year 2021-2022.
- MCA raise the standards to the level of accreditation by NBA.

All the staff members are requested to render their support and cooperation to make the Benchmarks a reality and improve the quality of our educational service.

Principals
Principal
Dr. J. MAHESWARAN, M.E. Ph.D. FIE. MISTE.
PRINCIPAL
ST. XAVIER'S CATHOLIC COLLEGE OF ENGINEERING
CHUNKANKADAI
NAGERCOIL - 629 003

NG

St. Xavier's Catholic College of Engineering
Chunkankadai, Nagercoil 629003.
Internal Quality Assurance Cell

Benchmarks 2020-2021 : Status Report - June 2021

Benchmark	CE	CSE	EEE	ECE	IT	ME	H&S	MBA	MCA	College
In order to enhance the leadership skills, faculty members are asked to complete one online course on leadership (C-Completed, D-Doing)	C-13	C-20 D-3	C-17	C-24 D-3	C-9 D-1	C-20 D-1	C-20 D-5	C-3 D-3	C-6 D-1	C-132 D-17
College arranges a workshop for faculty members for Bloom's taxonomy based teaching so as to train the students on higher order thinking.	-	-	-	-	-	-	-	-	-	Conducted on 26-02-2021 and 06-03-2021
Faculty members are asked to do self SWOC analysis and attend FDP as per the analysis.	SWOC Done	SWOC Done	SWOC Done	SWOC Done	SWOC Done	SWOC Done	SWOC Done	SWOC Done	SWOC Done	-
Database of all Government scholarships (from MHRD, AICTE etc.) be created, students shall be informed and appropriate actions shall be taken for students to apply and benefit.	-	-	-	-	-	-	-	-	-	Stu. Welfare has done
At least 15% of students complete online courses and obtain certificates. (C-Completed, D-Doing)	C-30 (19%)	C-66 D-117	C-25 Reexam -23	C-19 D-55	C-50 D-2	C-58	C-52 D-170	C-53	C-14 D-3	C-367 D-370
Graduation rate be greater than or equal to 90%. (2019-2020)	48/60 80%	82/111 74%	35/52 67%	68/98 73%	24/37 65%	79/133 59%	-	51/56 91%	28/39 72%	415/586 71%
Minimum expected UG pass percentages are Final Year 95% for subject and 90% for class Third Year 90% for subject and 80% for class Second Year 80% for subject and 70% for class First Year 80% for subject and 70% for class (2020-2021 Odd Semester)	IV	2 sub, -	2 sub, -	-	6 sub, -	-	1 sub, -	-	-	11 sub, -
	III	4 sub, -	1 sub, -	1 sub, -	1 sub, -	4 sub, -	-	-	-	12 sub, -
	II	6 sub, -	5 sub, -	-	10 sub, -	2 sub, -	4 sub, -	-	-	27 sub, -
	I	-	-	-	-	-	54 sub, 9	-	-	54 sub, 9
Placements of master degree students be improved.	-	-	-	-	-	-	-	-	3 placed	-
Institute starts incubation and innovation centre.	-	-	-	-	-	-	-	-	-	-

SXCCE Benchmark 2020-2021 Status Report June 2021

Benchmark		CE	CSE	EEF	ECE	IT	ME	H&S	MBA	MCA	College
Departments prepare at least two students to start startups.		Awareness & Webinar	-	-	Identified 2	1	1	-	2	-	
All the final year B.E./B.Tech. students are to be motivated to write GATE examination. GATE model examination be conducted every year in the month of December.		-	-	-	-	-	-	-	-	-	Online link provided
At least 10% of graduates qualify in GATE and 5% in IES examinations. (R-Registered, Q-Qualified)		R-9 Q-	R-24 Q-	R-8 Q-	R-25 Q-	R-3 Q-	R-18 Q-	-	-	-	R-87 Q-
Departments take efforts to increase the number of students opting for higher studies.		12 stu.	-	Mentors motivate	Mentors motivate	3	3	-	-	A-2 Ph.D.	
Departments of MBA, Mathematics and Chemistry become research centers.		-	-	-	-	-	-	Papers submitted	No required Ph.D.	-	
Institute sets 1 Crore as the project funding target. (A-Applied, R-Ready, S-Sanctioned)		Major		A-RPS A- Respond (ISRO) A-DST SERB		A-DST. MODR OB and RPS.		A-SERB (2)			
		Minor		A-2 FDDPs		-		-		A-1	
		Stu.		A- AICTE		A-4		A-1		-	
Departments start center of excellence.		Autocad and Revit through ICT	Plan for AWS-ICT	-	-	Plan for IBM/Datas Analytics	-	-	-	-	
MBA and M.E. Structural Engineering programs can prepare for NBA accreditation and apply for accreditation in the academic year 2021-2022.		Will be taken	-	-	-	-	-	-	Initiated	-	
MCA raise the standards to the level of accreditation by NBA.		-	-	-	-	-	-	-	-	*	

*Setup Research Center, 50% of the faculty are AU Ph.D. supervisors, currently there are 5 research scholars.

Coordinator of IQAC

Principal

Dr. A. MILTON, B.E., M.Tech., Ph.D.

Co-ordinator of IQAC

St. Xavier's Catholic College of Engineering

Chunankadai, Nagercoil - 629 003.

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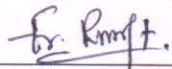
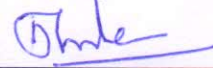
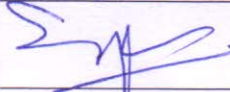
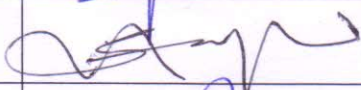
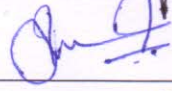
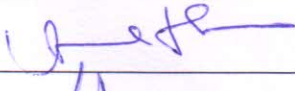


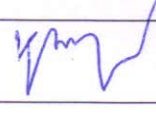
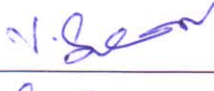
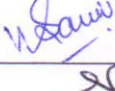
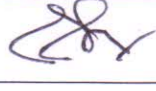
St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
IQAC Meeting – Internal Members

Date: 30-07-2021

Time: 11:00 a.m. to 1:45 p.m.

Venue: Seminar Hall

Members Present

Sl. No.	Name	Signature
1.	Rev. Fr. Dr. M. Maria William, Correspondent	
2.	Dr. J. Maheshwaran, Principal	
3.	Rev. Fr. M. Francis Xavier, Bursar	
4.	Dr. M. Marsaline Beno, Vice Principal	
5.	Dr. V. Christus Jeya Singh, Dean-Student Affairs	
6.	Dr. R.S. Shaji, Dean-Research	
7.	Dr. M.M. Janeela Theresa	
8.	Mr. L.G.X. Agnel Livingston	
9.	Dr. G. Antony Miraculas	
10.	Dr. G. Sahaya Stalin Jose	-
11.	Ms. D. Smiline Shiny	
12.	Mr. Almond D'Souza	-
13.	Mr. K. Maria Vinu	
14.	Dr. V. Sreeja	
15.	Ms. V. Femila Savio	
16.	Mr. P.T. Justin Thiraviam	
17.	Ms. J. Jencewin	-

18.	Ms. A. Bamila Virgin Louis	<i>BVL</i>
19.	Dr. M. Gerald Arul Selvan	<i>m. Gerald</i>
20.	Ms. N. Ansgar Mary	<i>N. Ansgar</i>
21.	Ms. W. Vinil Dani	<i>W.V. Dani</i>
22.	Dr. A. Ludvin Felcy	—
23.	Dr. A. Milton, Coordinator	<i>A. Milton</i>

St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
Minutes of the Meeting of Internal Members of IQAC

The meeting of internal members of IQAC was held on 30-07-2021 in the Seminar Hall, Nikola Tesla Block from 11:00 a.m. to 1:45 p.m. The following were the members present in the meeting.

1. Rev. Dr. M. Maria William, Correspondent
2. Dr. J. Maheshwaran, Principal and Chairperson
3. Rev. Fr. M. Francis Xavier, Bursar
4. Dr. M. Marsaline Beno, Vice Principal
5. Dr. V. Christus Jeya Singh, Dean Student Affairs
6. Dr. R.S. Shaji, Dean-Research
7. Dr. M.M. Janeela Theresa, Associate Professor/MCA
8. Mr. L.G.X. Agnel Livingston, Assistant Professor/CSE
9. Dr. G. Antony Miraculas, Associate Professor/ME
10. Ms. D. Smiline Shiny, Assistant Professor/CE
11. Mr. K. Maria Vinu, Assistant Professor/MBA
12. Dr. V. Sreeja, Assistant Professor/H&S
13. Ms. V. Femila Savio, Assistant Professor/ECE
14. Mr. P.T. Justin Thiraviam, Office Superintendent
15. Ms. A. Bamila Virgin Louis
16. Dr. M. Gerald Arul Selvan
17. Ms. N. Ansgar Mary
18. Ms. W. Vinil Dani
19. Dr. A. Milton, Coordinator-IQAC

The meeting of internal members of IQAC to discuss the achievement status of the Benchmarks 2020-2021 and fixing Benchmarks for the academic year 2021-2022 began with the introductory note and welcome address by the principal.

- The Coordinator of IQAC and members of IQAC were appreciated for the successful conduct of the NAAC sponsored three day national level online workshop Course and Instruction Design for Effective Outcome-Based Education on 10, 11 and 12 June 2021.
- Benchmarks 2020-2021 achievement status was presented by Coordinator of IQAC.
 - Correspondent asked to include the outcome in the benchmark status report from next year.

- College and Hiltek are planning for incubation centers.
- Faculty members of MBA were asked to register for Ph.D. degree at the earliest.
- Dr. V. Sreeja of Chemistry has become eligible for AU research supervisor.
- Department of Mechanical Engineering has prepared a draft for starting center of excellence. It will be submitted soon.
- PG in-charges can demand placement activities for PG students from placement cell.
- Decided to retain some of the Benchmarks 2020-2021 for the academic year 2021-2022 also.
- Areas identified based on NAAC, NBA and NIRF criteria for fixing strategies for the college to improve the quality further was presented by Coordinator of IQAC.
 - Members were asked to go through the identified areas and suggest benchmarks in the next meeting.
- Decided to conduct another meeting of internal members of IQAC to have a discussion on Benchmarks 2021-2022 before conducting full IQAC meeting.

The IQAC members who completed 5 years of service Dr. M.M. Janeela Theresa, Mr. L.G.X. Agnel Livingston, Dr. G. Antony Miraculas, Dr. G. Sahaya Stalin Jose, Mr. Almond D'Souza and Dr. V. Sreeja were thanked for their service as IQAC members. The new IQAC members Ms. J. Jencewin, Ms. A. Bamila Virgin Louis, Dr. M. Gerald Arul Selvan, Ms. N. Ansgar Mary, Ms. W. Vinil Dani and Dr. A. Ludvin Felcy were welcomed. Appreciation and appointment letters will be issued soon.

A. Milton
28/08/21
Dr. A. Milton

Coordinator

Dr. A. MILTON, B.E., M.Tech., Ph.D.
Co-ordinator of IQAC
St. Xavier's Catholic College of Engineering
Chunkankadal, Nagercoil - 629 003.

Rev. Dr. M. Maria William
Rev. Dr. M. Maria William
Correspondent

J. Maheswaran
28-8-21
Dr. J. Maheswaran
Chairperson

Dr. J. MAHESWARAN, M.E. Ph.D. FIE. MISTE.
PRINCIPAL
SIXAVIER'S CATHOLIC COLLEGE OF ENGINEERING
CHUNKANKADAI
NAGERCOIL - 629 003

St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
IQAC Meeting – Internal Members

Date: 22-04-2021

Time: 02:00 p.m. to 2:45 p.m.

Venue: Board Room

Members Present

Sl. No.	Name	Signature
1.	Rev. Fr. Dr. M. Maria William, Correspondent	—
2.	Dr. J. Maheshwaran, Principal	<u>22/4/21</u>
3.	Rev. Fr. M. Francis Xavier, Bursar	—
4.	Dr. M. Marsaline Beno, Vice Principal	<u>Marsaline</u>
5.	Dr. V. Christus Jeya Singh, Dean-Student Affairs	—
6.	Dr. R.S. Shaji, Dean-Research	<u>R.S. Shaji</u>
7.	Dr. M.M. Janeela Theresa	<u>Janeela</u>
8.	Mr. L.G.X. Agnel Livingston	<u>L.G.X. Agnel</u>
9.	Dr. G. Antony Miraculas	<u>G. Antony</u>
10.	Dr. G. Sahaya Stalin Jose	<u>Sahaya</u>
11.	Ms. D. Smiline Shiny	<u>Smiline</u>
12.	Mr. Almond D'Souza	<u>Almond</u> 22/4
13.	Mr. K. Maria Vinu	—
14.	Dr. V. Sreeja	—
15.	Ms. V. Femila Savio	<u>V. Savio</u>
16.	Mr. P.T. Justin Thiraviam	—
17.	Dr. A. Milton, Coordinator	<u>A. Milton</u>

St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
Minutes of the Meeting of Internal Members of IQAC

The meeting of internal members of IQAC was held on 24-04-2021 in the board room from 02:00 p.m. to 2:45 p.m. The following were the members present in the meeting.

1. Dr. J. Maheshwaran, Principal and Chairperson
2. Dr. M. Marsaline Beno, Vice Principal
3. Dr. R.S. Shaji, Dean-Research
4. Dr. M.M. Janeela Theresa, Associate Professor/MCA
5. Mr. L.G.X. Agnel Livingston, Assistant Professor/CSE
6. Dr. G. Antony Miraculas, Associate Professor/ME
7. Dr. G. Sahaya Stalin Jose, Assistant Professor/IT
8. Ms. D. Smiline Shiny, Assistant Professor/CE
9. Mr. Almond D Souza, Assistant Professor/EEE
10. Ms. V. Femila Savio, Assistant Professor/ECE
11. Dr. A. Milton, Coordinator-IQAC

The meeting of internal members of IQAC to discuss the arrangement of the NAAC sponsored three day national level online workshop on "Course and Instruction Design for Effective Outcome Based Education" started with the introductory speech by the Principal.

- Different committees were formed and the duties and responsibilities of each committee were discussed. The Committee convener and the responsibilities are given below

Sl. No.	Name of the committee	Convener	Responsibilities
1	Brochure Design and Despatch	D. Smiline Shiny	Designing the e-brochure in consultation with Principal and Coordinator of IQAC. Collecting e-mail of Principals, HODs and faculty members of all types of colleges throughout India which are accredited and can be accredited by NAAC.
2	Registration and Communication	Almond D Souza	Generating form for registration of participants. Providing the form link to brochure design and dispatch committee.
3	Meet Creation and Coordination	Dr. S. Sahaya Stalin Jose.	Create meet. Manage the meet and the participants during the meet.

			<p>Open the meet on time, admit participants and close the meet as required.</p> <p>Create facility for automatic attendance of the participants.</p> <p>Providing the required facilities to the presenter.</p> <p>Monitor the meet and give feedback to the presenter.</p> <p>Recording the meet.</p> <p>Provide the meet link to registration and communication committee.</p>
4	Feedback Collection and Analysis	Dr. J. Janeela Theresa	<p>Create link for feedback.</p> <p>Provide the link to the participant in coordination with meet creation and coordination committee.</p> <p>Manage the opening and closing of the feedback form.</p> <p>Manage the setting of the feedback form for hassle free entry by participants.</p> <p>Create a consolidated report and analyse the feedback.</p>
5	Proceedings Preparation and Printing	K. Maria Vinu	<p>Designing and preparing the proceeding as per the format provided by the NAAC.</p> <p>Collecting the required details from the presenters and coordinator of IQAC.</p>
6	Certificate and Despatch	L.G.X. Agnel Livingston	<p>Designing e-certificate.</p> <p>Creating certificate for the eligible participants.</p> <p>Sending the e-certificate to the participants by e-mail.</p>
7	Program	Dr. V. Sreeja V. Femila Savio	<p>Preparing agenda and providing to authorities.</p> <p>Conducting the inauguration and valedictory programs.</p> <p>Welcoming the participants in the beginning, introducing the presenter and the topic in the beginning of each session.</p> <p>Thanking the presenter at the end of each session.</p>
8	Overall Coordination	Dr. A. Milton	<p>Help the designing of e-brochure.</p> <p>Communicating the e-brochure by e-mail and Whatsapp to Principals, HODs and faculty members of all types of colleges throughout India which are accredited and can be accredited by NAAC.</p> <p>Scrutinizing the applied participants.</p> <p>Creating group of the accepted participants for communicating information.</p> <p>Communicating to the participants about the acceptance, program and the meet link.</p> <p>Finalizing the design of proceedings.</p> <p>Providing certificate to the presenters.</p>

			<p>Help preparing the agenda. Send program detail to NAAC at least one month before the workshop. Finding resource persons. Providing the workshop details to the required committees. Coordinating all other activities connected with the workshop. Sending the report, proceeding and bills to NAAC.</p>
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- It was decided to use Google Meet and Google Classroom.
- The conveners were asked to identify members for the successful conduct of the online workshop.

A. Milton

Dr. A. Milton
Coordinator

Dr. A. MILTON, B.E., M.Tech., Ph.D.
Co-ordinator of IQAC
St. Xavier's Catholic College of Engineering
Chunkankadai, Nagercoil - 629 003.

J. Maheswaran

Dr. J. Maheswaran
Chairperson

Dr. J. MAHESWARAN, M.E. Ph.D. FIE. MISTE.
PRINCIPAL
ST. XAVIER'S CATHOLIC COLLEGE OF ENGINEERING
CHUNKANKADAI
NAGERCOIL - 629 003



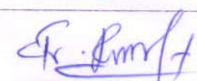
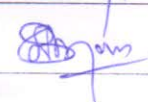
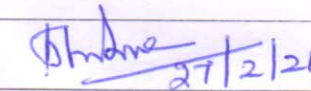
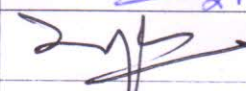
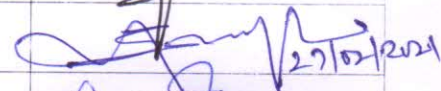
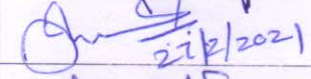
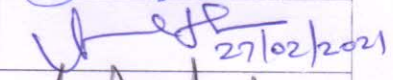
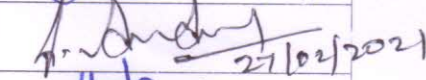
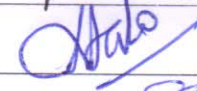

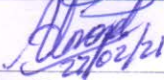
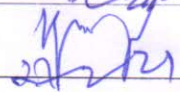
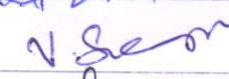
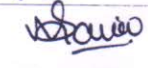


St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
IQAC Meeting

Date: 27-02-2021

Time: 11:00 a.m. to 2:10 P.m.

Venue: Board Room

Members Present

Sl. No.	Name	Signature
1.	Rev. Fr. Dr. M. Maria William, Correspondent	
2.	Dr. J. Maheshwaran, Principal	
3.	Rev. Fr. M. Francis Xavier, Bursar	
4.	Dr. S.L. Rayar	
5.	Mr. M. Prince Paul Raj	
6.	Mr. R. Leo Bright Singh	
7.	Dr. D. Anto Sahaya Dhas	
8.	Dr. M. Marsaline Beno, Vice Principal	
9.	Dr. V. Christus Jeya Singh, Dean-Student Affairs	
10.	Dr. R.S. Shaji, Dean-Research	
11.	Dr. M.M. Janeela Theresa	
12.	Mr. L.G.X. Agnel Livingston	
13.	Dr. G. Antony Miraculas	
14.	Dr. G. Sahaya Stalin Jose	
15.	Ms. D. Smiline Shiny	
16.	Mr. Almond D'Souza	
17.	Mr. K. Maria Vinu	
18.	Dr. V. Sreeja	
19.	Ms. V. Femila Savio	
20.	Mr. P.T. Justin Thiraviam	
21.	Dr. A. Milton, Coordinator-IQAC	

St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
Minutes of the Meeting of IQAC Members

The meeting of Members of IQAC was held on 27-02-2021 in the board room from 11:00 a.m. to 2:10 p.m. The following were the members present in the meeting.

1. Rev. Dr. M. Maria William, Correspondent
2. Dr. J. Maheshwaran, Principal and Chairperson
3. Rev. Fr. M. Francis Xavier, Bursar
4. Dr. S.L. Rayar, External Member
5. Dr. M. Marsaline Beno, Dean-Academic
6. Dr. V. Christus Jeya Singh, Dean Student Affairs
7. Dr. R.S. Shaji, Dean Research
8. Dr. M.M. Janeela Theresa, Associate Professor/MCA
9. Mr. L.G.X. Agnel Livingston, Assistant Professor/CSE
10. Dr. G. Antony Miraculas, Associate Professor/ME
11. Dr. G. Sahaya Stalin Jose, Assistant Professor/IT
12. Mr. Almond D'Souza, Assistant Professor/EEE
13. Mr. K. Maria Vinu, Assistant Professor/MBA
14. Dr. V. Sreeja, Assistant Professor/H&S
15. Ms. V. Femila Savio, Assistant Professor/ECE
16. Mr. P.T. Justin Thiraviam, Office Superintendent
17. Dr. A. Milton, Coordinator-IQAC
18. Dr. S. Carmel Jawahar attended the meeting representing Department of Civil Engineering as D. Smiline Shiny was not able to attend the meeting.

Principal and the Chairperson of IQAC welcomed all the members and briefed the members about the following

- i) Rs. 30,000/- sanctioned by NAAC for conducting three day online workshop,
- ii) Submission of AQAR 2019-2020 and the review comments received from NAAC,
- iii) E-mail received from NBA for the submission of the compliance report for EEE, ECE and ME programs,
- iv) Telephonic talk with respect to the pending fresh accreditation visit of CE, CSE and IT with NBA and the tentative dates of visit on 19, 20 and 21-03-2021.

- v) Consolidated PBAS 2019-2020,
- vi) Course audit done by Dean-Academic,
- vii) Research audit done by Dean-Research and
- viii) The tentative AAA form and checklist prepared by coordinator of IQAC

Coordinator of IQAC presented the minutes of the IQAC meeting held on 17-10-2020 and the minutes of the internal IQAC meeting held on 24-02-2021. After obtaining the views of the members the minutes were confirmed.

Agenda

- Benchmarks 2020-2021 achievement status
- Proposed AAA form
- Proposed checklist
- Other college activities

Discussions, Decisions and Actions:

- Benchmarks 2020-2021 achievement status report till February 2021 was discussed.
 - 65 faculty members have completed online course on leadership and 81 are doing. Faculty members who have not enrolled for the online course on leadership are asked to enroll on or before 1st March 2021.
 - Part-I of the FDP on Bloom's taxonomy based teaching was conducted on 26-02-2021.
 - All the faculty members have done self SWOC analysis, Dean-Academic is collecting information from faculty members to arrange for FDPs in teaching-learning process.
 - 148 students have completed online courses and 310 are doing.
 - MBA to become research center, currently the required number of Ph.Ds is not available.
 - 6 funded projects have been applied by faculty members and departments.
 - Departments of Mechanical Engineering and Electrical and Electronics Engineering can plan for center of excellence. All other departments are asked to take effort and become center of excellence in 3 years.
 - MCA can prepare for NBA accreditation under Tier-1 category.
- The tentative AAA form and checklist were taken up for discussion.
 - Members told to include parents also in the seventh element of checklist.
 - Members told that AAA elements and elements in checklist have to match.

- Members told to minimize the number of elements in the checklist.
 - Students participation and achievements have to be included in the checklist
 - More discussion is needed to finalize AAA form and checklist.
-
- Verification of laboratory stock has to be done.
 - Pending policies and guidelines have to be completed before next IQAC meeting.
 - E-content creation facility, team for editing and uploading in the internet was discussed.
 - Correspondent asked the IQAC members to monitor the quality in their respective departments.
 - In the IQAC meetings, quality of regular college activities has to be monitored with a checklist.
 - With respect to the missing books from the library, librarian has been asked to identify details of the missing books.

Principal thanked the members and the meeting came to an end at 2:10 p.m.

A. Milton
28/08/21
Dr. A. Milton
Coordinator

Dr. A. MILTON, B.E., M.Tech., Ph.D.
Co-ordinator of IQAC
St. Xavier's Catholic College of Engineering
Chunkankadai, Nagercoil - 629 003.

Dr. J. Maheswaran
Dr. J. Maheswaran
Chairperson

Dr. J. MAHESWARAN, M.E, Ph.D. FIE. MISTE.
PRINCIPAL
ST. XAVIER'S CATHOLIC COLLEGE OF ENGINEERING
CHUNKANKADAI
NAGERCOIL - 629 003

Rev. Dr. M. Maria William
Rev. Dr. M. Maria William
Correspondent

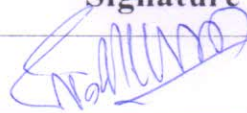
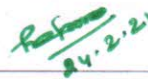
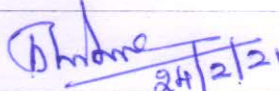
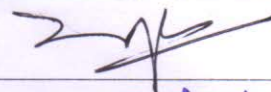

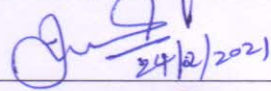
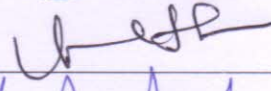
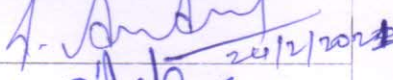

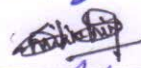
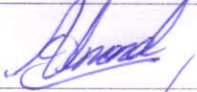

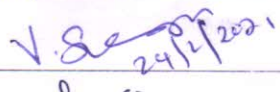
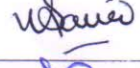


St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
IQAC Meeting – Internal Members

Date: 24-02-2021

Time: 11:00 a.m. to 1:50 p.m.

Venue: Board Room

Members Present

Sl. No.	Name	Signature
1.	Rev. Fr. Dr. M. Maria William, Correspondent	
2.	Dr. J. Maheshwaran, Principal	
3.	Rev. Fr. M. Francis Xavier, Bursar	
4.	Dr. M. Marsaline Beno, Vice Principal	
5.	Dr. V. Christus Jeya Singh, Dean-Student Affairs	
6.	Dr. R.S. Shaji, Dean-Research	
7.	Dr. M.M. Janeela Theresa	
8.	Mr. L.G.X. Agnel Livingston	
9.	Dr. G. Antony Miraculas	
10.	Dr. G. Sahaya Stalin Jose	
11.	Ms. D. Smiline Shiny	
12.	Mr. Almond D'Souza	
13.	Mr. K. Maria Vinu	
14.	Dr. V. Sreeja	
15.	Ms. V. Femila Savio	
16.	Mr. P.T. Justin Thiraviam	
17.	Dr. A. Milton, Coordinator	

St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
Minutes of the Meeting of Internal Members of IQAC

The meeting of internal members of IQAC was held on 24-02-2021 in the board room from 11:00 a.m. to 1:50 p.m. The following were the members present in the meeting.

1. Rev. Dr. M. Maria William, Correspondent
2. Dr. J. Maheshwaran, Principal and Chairperson
3. Dr. M. Marsaline Beno, Vice Principal
4. Dr. V. Christus Jeya Singh, Dean Student Affairs
5. Dr. R.S. Shaji, Dean-Research
6. Dr. M.M. Janeela Theresa, Associate Professor/MCA
7. Mr. L.G.X. Agnel Livingston, Assistant Professor/CSE
8. Dr. G. Antony Miraculas, Associate Professor/ME
9. Dr. G. Sahaya Stalin Jose, Assistant Professor/IT
10. Ms. D. Smiline Shiny, Assistant Professor/CE
11. Mr. Almond D Souza, Assistant Professor/EEE
12. Mr. K. Maria Vinu, Assistant Professor/MBA
13. Dr. V. Sreeja, Assistant Professor/H&S
14. Ms. V. Femila Savio, Assistant Professor/ECE
15. Mr. P.T. Justin Thiraviam, Office Superintendent
16. Dr. A. Milton, Coordinator-IQAC

The meeting of internal members of IQAC to discuss the achievement status of the Benchmarks 2020-2021 started at 11.00 a.m. with the introductory and welcome speech by the Chairperson of IQAC. In his introductory speech, he informed the members about i) the review comments received from NAAC for the AQAR 2019-2020, ii) the proposed AAA form and checklist prepared by IQAC, iii) e-mail received from NBA for the submission of the compliance report for EEE, ECE and ME programs and iv) telephonic talk with respect to the pending fresh accreditation of CE, CSE and IT with NBA and the tentative dates of visit on 19, 20 and 21-03-2021.

Coordinator-IQAC presented the consolidated status of the benchmark achievements provided by the departments.

The following were the discussions, decisions and actions

- Faculty members can submit one page report on the attributes learned and skills developed from attending online course on leadership.

- Part-I of the FDP on Bloom's taxonomy based teaching is scheduled to be conducted on 26-02-2021 in online mode.
- Faculty members who have not completed self SWOC analysis are asked to complete it before 27-02-2021.
- Student welfare cell is asked to take care of the benchmark related to scholarship.
- PG students participated in four placement drives and 1 MCA student got selected.
- Plan to setup incubation center is in progress.
 - SXCCE has been registered as an institution member and facilitation center in MSME.
- Model GATE examination was not conducted. Students were asked to take up the online model examinations provided by IITs. The link for attending the model examination was provided in the college website.
- SACA conducts online classes for civil service examinations with a registration of 60 students.
- In order to motivate our students to do M.E. programs, the annual fee concession of Rs. 20,000/- was provided in the academic year 2020-2021.
- Members were asked to motivate final year B.E./B.Tech. students to join M.E. programs.
- Departments of Chemistry will become eligible to apply for research centers if the papers under review are accepted for publication.
- Benchmark on research publication has to be set in the Benchmark 2021-2022.

A. Milton
27/02/21
Dr. A. Milton

Coordinator

Dr. A. MILTON, B.E., M.Tech., Ph.D.
Coordinator of IQAC
St. Xavier's Catholic College of Engineering
Chunkankadai, Nagercoil - 629 003.

J. Maheswaran
27.2.21

Dr. J. Maheswaran

Chairperson

Dr. J. MAHESWARAN, M.E. Ph.D. FIE. MISTE.
PRINCIPAL
St. Xavier's Catholic College of Engineering
CHUNKANKADAI
NAGERCOIL - 629 003

M. Maria William
27.2.21

Rev. Dr. M. Maria William

Correspondent



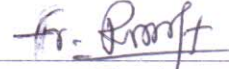


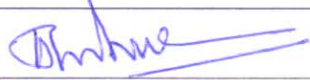



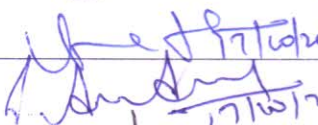
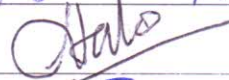
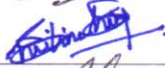

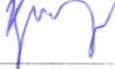



St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
IQAC Meeting

Date: 17-10-2020

Time: 10:30 a.m. to 2:00 P.m.

Venue: Board Room

Members Present

Sl. No.	Name	Signature
1.	Rev. Fr. Dr. M. Maria William, Correspondent	
2.	Dr. J. Maheshwaran, Principal	
3.	Rev. Fr. M. Francis Xavier, Bursar	
4.	Dr. S.L. Rayar	
5.	Mr. M. Prince Paul Raj	
6.	Mr. R. Leo Bright Singh	
7.	Dr. D. Anto Sahaya Dhas	
8.	Dr. M. Marsaline Beno, Vice Principal	
9.	Dr. V. Christus Jeya Singh, Dean-Student Affairs	
10.	Dr. R.S. Shaji, Dean-Research	
11.	Dr. M.M. Janeela Theresa	
12.	Mr. L.G.X. Agnel Livingston	
13.	Dr. G. Antony Miraculas	
14.	Dr. G. Sahaya Stalin Jose	
15.	Ms. D. Smiline Shiny	
16.	Mr. Almond D'Souza	
17.	Mr. K. Maria Vinu	
18.	Dr. V. Sreeja	
19.	Ms. V. Femila Savio	
20.	Mr. P.T. Justin Thiraviam	
21.	Dr. A. Milton, Coordinator-IQAC	

St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
Minutes of the Meeting of IQAC Members

The meeting of Members of IQAC was held on 17-10-2020 in the board room from 10:30 a.m. to 2:00 p.m. The following were the members present in the meeting.

1. Rev. Dr. M. Maria William, Correspondent
2. Dr. J. Maheshwaran, Principal and Chairperson
3. Rev. Fr. M. Francis Xavier, Bursar
4. Dr. S.L. Rayar, External Member
5. Mr. M. Prince Paul Raj, External Member
6. Dr. M. Marsaline Beno, Dean-Academic
7. Dr. V. Christus Jeya Singh, Dean Student Affairs
8. Dr. R.S. Shaji, Dean Research
9. Dr. M.M. Janeela Theresa, Associate Professor/MCA
10. Mr. L.G.X. Agnel Livingston, Assistant Professor/CSE
11. Dr. G. Antony Miraculas, Associate Professor/ME
12. Dr. G. Sahaya Stalin Jose, Assistant Professor/IT
13. Ms. D. Smiline Shiny, Assistant Professor/CE
14. Mr. Almond D'Souza, Assistant Professor/EEE
15. Mr. K. Maria Vinu, Assistant Professor/MBA
16. Dr. V. Sreeja, Assistant Professor/H&S
17. Ms. V. Femila Savio, Assistant Professor/ECE
18. Dr. A. Milton, Coordinator-IQAC

Chairperson of IQAC Dr. J. Maheswaran welcomed all the members. Coordinator-IQAC Dr. A. Milton presented the minutes of the IQAC meeting held on 14-12-2019 and internal IQAC meeting held on 15-10-2020.

Discussions and Decisions:

- Benchmarks 2019-2020 achievement status report was discussed.
 - Decided to retain (with slight modification in some benchmarks) the benchmarks on i) students online courses, ii) graduation rate, iii) pass percentages and iv) GATE examination.
 - Principal was asked by the management to get explanation from the departments who have performed very poorly in achieving the benchmarks.
- IQAC was asked to apply for seminar grant from NAAC.

- Laboratory and Library audits conducted during November 2019 were discussed.
 - Response provided by the library for the audit findings was discussed and Principal was asked to follow library for appropriate action to rectify the shortcomings.
- It is also discussed to strengthen AAA audit.
- Faculty members can be directed to provide best available video links to the students to refer for their subjects. Faculty members are motivated to create their own standard e-contents.
- Women cell can encourage girl students to take up higher studies and to grab employment opportunities.
- Databases of schemes from Government, AICTE etc. can be created.

The following were the benchmarks set for the academic year 2020-2021

Faculty:-

- In order to enhance the leadership skills, faculty members are asked to complete one online course on leadership
- College arranges a workshop for faculty members for Bloom's taxonomy based teaching so as to train the students on higher order thinking.
- Faculty members are asked to do self SWOC analysis and attend FDP as per the analysis.

Students Support and Performance:-

Scholarship

- Database of all Government scholarships (from MHRD, AICTE etc.) be created, students shall be informed and appropriate actions shall be taken for students to apply and benefit.

Online Courses

- At least 15% of students complete online courses and obtain certificates.

Academic Performance

- Graduation rate be greater than or equal to 90%.
- Minimum expected UG pass percentages are
 - Final Year 95% for subject and 90% for class
 - Third Year 90% for subject and 80% for class
 - Second Year 80% for subject and 70% for class
 - First Year 80% for subject and 70% for class

Placement and Entrepreneurship

- Placements of master degree students be improved.
- Institute starts incubation and innovation center.
- Departments prepare at least two students to start startups.

GATE and IES Examination

- All the final year B.E./B.Tech. students are to be motivated to write GATE examination. GATE model examination be conducted every year in the month of December.
- At least 10% of graduates qualify in GATE and 5% in IES examinations.

Higher Study

- Departments take efforts to increase the number of students opting for higher studies.

Research:-

- Departments of MBA, Mathematics and Chemistry become research centers.
- Institute sets 1 Crore as the project funding target.

Center of Excellence:-

- Departments start center of excellence.

Accreditation:-

- MBA and M.E. Structural Engineering programs can prepare for NBA accreditation and apply for accreditation in the academic year 2021-2022.
- MCA raise the standards to the level of accreditation by NBA.

A. Milton
27/02/21
Dr. A. Milton

Coordinator

Dr. A. MILTON, B.E., M.Tech., Ph.D.
Co-ordinator of IQAC
St. Xavier's Catholic College of Engineering
Chunkankadai, Nagercoil - 629 003.

Rev. Dr. M. Maria William

Rev. Dr. M. Maria William

Correspondent

J. Maheswaran
23.2.21

Dr. J. Maheswaran

Chairperson

Dr. J. MAHESWARAN, M.E. Ph.D. FIE. MISTE.
PRINCIPAL
SLXAVIER'S CATHOLIC COLLEGE OF ENGINEERING
CHUNKANKADAI
NAGERCOIL - 629 003

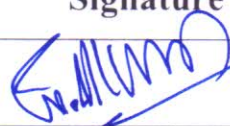




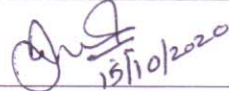

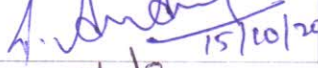


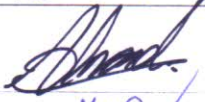




St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
IQAC Meeting – Internal Members

Date: 15-10-2020

Time: 3:00 p.m. to 6:00 P.m.

Venue: Board Room

Members Present

Sl. No.	Name	Signature
1.	Rev. Fr. Dr. M. Maria William, Correspondent	
2.	Dr. J. Maheshwaran, Principal	
3.	Rev. Fr. M. Francis Xavier, Bursar	
4.	Dr. M. Marsaline Beno, Vice Principal	
5.	Dr. V. Christus Jeya Singh, Dean-Student Affairs	
6.	Dr. R.S. Shaji, Dean-Research	
7.	Dr. M.M. Janeela Theresa	
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9.	Dr. G. Antony Miraculas	
10.	Dr. G. Sahaya Stalin Jose	
11.	Ms. D. Smiline Shiny	
12.	Mr. Almond D'Souza	
13.	Mr. K. Maria Vinu	
14.	Dr. V. Sreeja	
15.	Ms. V. Femila Savio	
16.	Dr. A. Milton, Coordinator	

St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
Minutes of the Meeting of Internal Members of IQAC

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2020

The meeting of internal members of IQAC was held on 15-10-2020 in the board room from 3:00 p.m. to 6:00 p.m. The following were the members present in the meeting.

1. Rev. Dr. M. Maria William, Correspondent
2. Dr. J. Maheshwaran, Principal and Chairperson
3. Dr. M. Marsaline Beno, Vice Principal
4. Dr. V. Christus Jeya Singh, Dean Student Affairs
5. Dr. R.S. Shaji, Dean-Research
6. Dr. M.M. Janeela Theresa, Associate Professor/MCA
7. Mr. L.G.X. Agnel Livingston, Assistant Professor/CSE
8. Dr. G. Antony Miraculas, Associate Professor/ME
9. Dr. G. Sahaya Stalin Jose, Assistant Professor/IT
10. Ms. D. Smiline Shiny, Assistant Professor/CE
11. Mr. Almond D Souza, Assistant Professor/EEE
12. Mr. K. Maria Vinu, Assistant Professor/MBA
13. Dr. V. Sreeja, Assistant Professor/H&S
14. Ms. V. Femila Savio, Assistant Professor/ECE
15. Dr. A. Milton, Coordinator-IQAC

The meeting to discuss the achievement status of the Benchmarks 2019-2020 started at 3.00 p.m. with the introductory and welcome speech by the Chairperson of IQAC Dr. J. Maheswaran.

Coordinator-IQAC presented the overall status of the benchmark achievements.

Department-wise achievement status reports were presented by the respective IQAC members.

The following were the discussions and decisions based on the status of the achievements

- Professional development of faculty members by means of online courses needs improvement in some departments.
- Students' enrolment and completion of online courses is not up to mark in all the departments except MBA.
- Departments were asked to use the free courses offered by Spoken Tutorial, IIT Bombay. *also courses offered by*

Amulw
17/10/20 *Microsoft.*

- Dean-Academic was asked to prepare policy for faculty members and students related to the online courses.
- SC/ST admission is low because of the low SC/ST population in Kanyakumari district. Therefore, it was discussed to reach the people in the neighboring districts like Tirunelveli, Tenkasi and Thoothukudi districts.
- Students' enrolment and qualifying GATE examination need improvement.
 - Discussed to motivate all the final year B.E./B.Tech. students to enroll for the GATE examination.
 - Teachers shall be familiar with Bloom's taxonomy based teaching.
 - Class room teaching shall be towards deep learning for preparing and motivating the students to do well in GATE examination.
 - Assessment methods can be changed.
 - Syllabus can be framed so as to incorporate the requirements of GATE examination.
- E-contents prepared by faculty members and posted in public domain are increasing steadily. Minimum quality standard for e-content has to be framed by IQAC.
- Correspondent requested the members to convey not only the decisions but also the discussions that lead to the decision.
- Decided to prepare and analyze benchmarks under different categories.
- Benchmark achievement details have to be given to all the faculty members.
- Achievement status report details of minimum expected UG pass percentages and project need to be modified so as to reflect the efforts of the departments.
- Full IQAC meeting is on 17-10-2020 at 10:30 a.m. to frame the benchmarks for the academic year 2020-2021.

A. Milton
17/10/20
Dr. A. Milton
Coordinator

Dr. A. MILTON, B.E., M.Tech., Ph.D.
Co-ordinator of IQAC
St. Xavier's Catholic College of Engineering
Chunkankadai, Nagercoil - 629 003.

Rev. Dr. M. Maria William
Rev. Dr. M. Maria William
Correspondent

J. Maheswaran
17-10-20
Dr. J. Maheswaran
Chairperson

Dr. J. MAHESWARAN, M.E. Ph.D. FIE. MISTE.
PRINCIPAL
ST. XAVIER'S CATHOLIC COLLEGE OF ENGINEERING
CHUNKANKADAI
NAGERCOIL - 629 003