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

Date: 03-08-2022

Time: 10:00 a.m. to 1:30 pm
2.30pm to 4.00pm
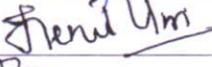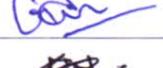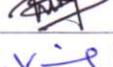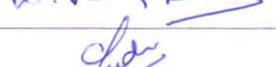
Venue: Board Room

Members Present
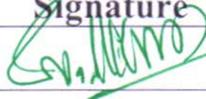
Sl. No.	Name	Signature
1.	Rev. Fr. Dr. M. Maria William, Correspondent	
2.	Dr. J. Maheshwaran, Principal	
3.	Rev. Fr. M. Francis Xavier, Bursar	Fr. Rmrft
4.	Dr. S.L. Rayar, Member - Local Society	
5.	Mr. M. Prince Paul Raj, Member - Industrialist	-
6.	Dr. D. Anto Sahaya Dhas, Member - Alumni	-
7.	Dr. V. Christus Jeya Singh, Vice Principal &Dean-Student Affairs	-
8.	Dr. M. Marsaline Beno, Dean-Research	
9.	Dr. A. Milton, Controller of Examinations	
10.	Dr. R.S. Shaji, Dean – Systems	
11.	Dr. R.P Anto Kumar, Dean - Academics	
12.	Mr. M. Anto Xavier Roche, Dean – Student Futuristic Services	
13.	Ms. J. Jencewin	
14.	Ms. A. Bamila Virgin Louis	
15.	Dr. M. Gerald Arul Selvan	
16.	Ms. V. Femila Savio	
17.	Dr. M. Geetha Jenifel	
18.	Ms. D. Smiline Shiny	
19.	Ms. W. Vinil Dani	D. Vinil Dani
20.	Dr. A. Ludvin Felcy	
21.	Mr. K. Maria Vinu	
22.	Mr. P.T. Justin Thiraviam	
23.	Mr. Reginold Leon Wilson	-
24.	Ms. Joseph Matilda John	Matilda
25.	Dr. J. Annrose, Coordinator-IQAC	
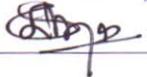
St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
Minutes of the Meeting of IQAC Members

The meeting of Members of IQAC was held on 03-08-2022 in the Board Room from 10:30 a.m. to 2:00 p.m and from 2:40 a.m. to 4:00 p.m. The following members were 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. V. Christus Jeya Singh, Vice Principal & Dean Student Affairs
6. Dr. M. Marsaline Beno, Dean Research
7. Dr. A. Milton, CoE
8. Dr. R.S. Shaji, Dean Systems
9. Dr. R.P. Anto Kumar, Dean Academic
10. Mr. Anto Rooche Xavier, Dean Student Futuristic Services
11. Ms. J. Jencewin, Assistant Professor/MCA
12. Dr. A. Bamila Virgin Louis, Assistant Professor/CSE
13. Dr. M. Gerald Arul Selvan, Assistant Professor/ME
14. Ms. V. Femila Savio, Assistant Professor/ECE
15. Dr. M. Geetha Jenifel, Assistant Professor/IT
16. Ms. D. Smiline Shiny, Assistant Professor/CE
17. Ms. W. Vinil Dani, Assistant Professor/EEE
18. Dr. A. Ludvin Felcy, Assistant Professor/H&S
19. Mr. K. Maria Vinu, Assistant Profesor/MBA
20. Mr. P.T. Justin Thiraviam, Office Superintendent
21. Dr. J. Annrose, Coordinator

The principal welcomed the members, and in his introductory remarks, he shared the following information with the members and introduced the agenda.

➢ Last semester senior UG classes ended on 16th June 2022
➢ I year classes came to an end on 4th July 2022
➢ II semester M.E. classes started on 22nd July 2022
➢ II semester MCA classes started on 26th July 2022
➢ For final M.E. students, project viva will be held on the 5th & 6th of September 2022

- University exams for the senior classes will end by 28th July 2022 and for I years 3rd of August 2022.
- UGC has conferred the autonomous status, and based on that NAAC has extended our validity till Dec 2027 under transition autonomous colleges. We are waiting for Anna University to issue the autonomous status. We may receive it during this month.
- NBA compliance inspection for the three programs ECE, EEE, and MECH is to be held on 13th August 2022. Two experts will visit the college and check the data verification.
- Received the extension of approval for the existing programs and fresh approval for AI&DS, and additional intake for MBA from AICTE. Soon we will get the approvals and extensions from Anna University.
- Research center renewal for Civil and Physics are in process.
- The overall pass percentage of the University results of I year I semester is 45%. Chemistry- 72.61%, Python- 71.25%, English- 94.3%, Maths- 70.92%, Physics- 56.7%.
- For MBA 72.58% and for MCA 29%.
- Reopening dates for 3rd and 4th year UG is 10th August 2022 and for 2nd years it may be 22nd August 2022.
- Our governing council president inaugurated the CoE office on 20th July 2022.
- R & D research project applied in CDAC by Dr. Latha, second level presentation was completed and unofficially they gave the positive response for sanctioning.
- The placement drive will be held on the 13th & 14th of August by CTS. Two students from last year passed out batch got offers in ZOHO with 8.4 LPA.
- In NIRF we have a marginal increase compared to last year (24.2939 to 24.741). Under Research and Professional Practices -1.6, Perception-0.
- Two days workshop for school teachers was conducted and around 60 teachers benefited and we received very good feedback.
- To promote sports activities, the sports council was reconstituted for this academic year.
- The Bridge course for lateral entry and I UG classes will commence on 10th August 2022.
- BoS meeting was conducted by CSE, Civil, ECE, IT & AIDS departments. The remaining departments will conduct it soon.

Agenda

- Presentation of the Previous Meeting Minutes and Approval
- Benchmarks 2021-2022 Achievement Status and Outcome
- Finalizing benchmarks for 2022-2023
- Others

Presentation of the Previous Meeting Minutes and Approval:

The coordinator of IQAC presented the minutes of the meeting held on 14-05-2022 and after few corrections the minutes were approved by the members.

Action Taken Report for the previous meeting

- For establishing the Centre of Excellence, the Mechanical department asked to discuss with the EEE department and prepare a plan based on the expertise, resources, and lab facilities under the guidance of the Vice Principal.
- After the NBA inspection, the non-academic audit will be scheduled by the IQAC Coordinator.

Benchmarks 2021-2022 Achievement Status:

Department IQAC members presented the achievement status of the Benchmarks.

- ✓ Through ICT Academy departments conducted value-added and certification programs on Revit, PL/SQL, AWS Cloud Architect, Autocad and Fusion 360, IITB spoken tutorial the courses on Python, PHP & MySQL, R Programming, esim, C, C++, etc. ECE department students completed value-added courses on Machine Learning, VLSI, PLC & SCADA. Data Visualization and Open Foam courses are framed and conducted by our faculty members for the IT and Mechanical department students. 25 value-added certification courses were conducted and 1570 students have completed them.
- ✓ As the mini-project is part of the curriculum, all the III-year students completed the mini-project. 41 students from the civil department underwent in-plant training. Around 270 students have undergone internships.
- ✓ Curriculum feedback was collected from passed-out students, faculty, alumni, parents, and employer
- ✓ In all the subjects the pass percentage is above 95% in the ODD sem and there were few backlog students, we expect above 90% graduation rate.
- ✓ Due to the pandemic, all the higher semester UG odd sem classes produced the expected pass percentage. For the first years 16 theory courses out of 45 secured above 80%. I year ECE A class secured overall above 70% result. Waiting for the even semester examination results.
- ✓ Around 6 major and 3 minor projects have been applied.
- ✓ Mechanical and EEE departments planned and took the initiative to start Energy related Centre of Excellence.

- ✓ Through consultancy work, the Mechanical department earned Rs. 5000/- and through testing Civil department generated an income of about Rs.239540 /-.
- ✓ Through MSME 5 projects were applied for funding.
- ✓ 71 students registered for GATE 2022.
- ✓ Other than MBA and MCA, 3 placement drives, and 2 training programs were conducted for PG students. 2 students got placement offers.
- ✓ In sports 4 State, 2 University, and 2 District level awards were received by our students. Also, our students won 4 National, 4 State, and 4 District level awards in co-curricular and extra-curricular activities.
- ✓ 15 cells have conducted more than 4 programs.
- ✓ 137 faculty members have completed an online course on Entrepreneurship and Startup.

Benchmark 2022-2023

Academics

Results

BM-1: Graduation rate be greater than or equal to 90%.

BM-2: Minimum expected UG pass percentages are

BM-2.1: Final Year 95% for subject and 90% for class

BM-2.2: Third Year 90% for subject and 80% for class

BM-2.3: Second Year 80% for subject and 70% for class

BM-2.4: First Year 80% for subject and 70% for class

Faculty Development

BM-3: Online Course- Curriculum Design & Implementation, Student Psychology

BM-4: Workshop- Technical Research Writing

BM-5: FDP- Implementation of Autonomy

BM-6: Awareness Programme - NEP 2020, NAAC, NBA for Autonomous Colleges

Conferences

BM-7: Once in 2 years every dept. must conduct 1 international conference with external funding.

BM-8: Faculty interaction with industry- 1

BM-9: Departments conduct at least one value added course of minimum 30 period's duration for every student in an academic year.

BM-10: Every student undergoes Mini Project, Field Project and Internship, preferably one in an academic year starting from first year to pre-final year.

Research

BM-11: Publication
- AP- 2 scopus or 1 SCI journal per year
- Asso. & Prof. – 2 Scopus + 1 SCI per year

BM-12: Funded Projects (College level scrutiny)
- AP- 1 Minor project per year
- Asso. & Prof. – 1 Major Project per year

BM-13: Consultancy other than Testing
- Each dept. should earn more than 1 Lakh per year

BM-14: Student Projects
- UG Project- at least one reputed conference, apply for project funding
- PG Project - publish in 1 Scopus Indexed journal.

Student Affairs

BM-15: 20% students should appear for GATE exam and 5% Qualification rate.

BM-16: Every cell has to conduct a minimum of 30 hours program per year.

BM-17: Sports Camp- At least 1 camp per game.

BM-18: Alumni Contribution minimum 3 Lakhs – Trainings, Development etc.

BM-19: Conduct Intra- College Symposium in the ODD semester and Inter College Symposium in the even semester.

BM-20: Make the students to participate in state level and national level events. Should produce at least 10% state-level awards and 5% national level awards.

Student Futuristic Services

BM-21: Placement
- Highest salary 10 LPA, Average salary 3.5 LPA

BM-22: IIC (4 start rating)

BM-23: MSME (5 incubates)

BM-24: ARIIA (Excellent band)

BM-25: EDC

Conduct at least one program for EDC, Innovation, Startup & IPR

BM-26: Foreign Universities
- Tie up with 5 Universities and atleast 10 students should register the higher studies.

Systems

BM-27: Digitization

BM-28: E- course file

BM-29: Research Scholar Progress
BM-30: Dataset Repositories (Research)
BM-31: Admission Software, Student Profile (Admission to Alumni), Faculty Profile
**BM-32:** Automating budget and bill settlement

IQAC

BM-33: Report by Deans - Once in a month
BM-34: Benchmark Audit - Once in 3 months
BM-35: One quality related workshop
BM-36: Awareness program on one new quality initiative programmes
BM-37: Common Format
BM-38: Graphical SoP for each process

Discussions and Decisions:

- For the online courses, every faculty member continuously monitors and audits the status of the students.
- We have the full academic flexibility to frame the syllabus. Analyze the gap; develop integrated personalized courses, year-wise skill analysis and comprehensive plan for a student should be developed.
- It was decided to increase the intake of students to 3000 in 2025.
- For research, put a separate webpage to announce the central government initiative, current call for proposals, infrastructure, thrust area for excellence center, Renewable energy hub, civil highway survey, consultancy expertise, publication, project expo, etc.
- It was decided to have separate G-suite recordings (Rs.2000/-) for each department association program for recording the online events and meetings.
- The student representative suggested having the digital cloud campus in order to access the e-resources and other details through our websites.

The IQAC coordinator thanked the external and internal members and the meeting came to an end at 4:00 p.m.
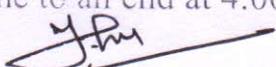
Dr. J. Annrose
Coordinator

Dr. J. Maheswaran
Chairperson

Rev. Dr. M. Maria William
Correspondent

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 27-10-2022 in the Board Room from 10:35 a.m. to 2:00 p.m. and from 2:45 p.m. to 4:45 p.m. The following members were 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. V. Christus Jeya Singh, VP & Dean Student Affairs
6.   Dr. M. Marsaline Beno, Dean Research
7.   Dr. A. Milton, CoE
8.   Dr. R.S. Shaji, Dean Systems
9.   Dr. R.P. Anto Kumar, Dean Academic
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17. Ms. W. Vinil Dani, Assistant Professor/EEE
18. Dr. A. Ludvin Felcy, Assistant Professor/H&S
19. Mr. K. Maria Vinu, Assistant Profesor/MBA
20. Mr. Justin / OS
21. Dr. J. Annrose, Coordinator

The principal welcomed the members, and in his introductory remarks, he shared the following information and introduced the agenda.

- The Silver Jubilee celebration launched on 28th September 2022 by distributing sweets and the Jubilee inauguration and autonomous celebration is scheduled on 19th November 2022.
- We received autonomous order from Anna University during August and we have paid a one-time fee and requested nominees for various statutory bodies. We have already received the UGC nominee.
- NBA compliance inspection for the 3 programmes EEE, ECE and MECH was held on 13th August 2022. Last week we received further accreditation status till June 2025.
- We have received the NAAC extension validity till Dec 2027 under transition autonomous institution.
- A special award was received from IITB, for taking courses under IITB spoken tutorial.

- From ICT Academy, our college received an Academic Partner Excellence Award.
- Our IEEE coordinator received an appreciation certificate from the IEEE professional chapter.
- This year our college will also act as a Zonal Coordinating Centre.
- On 18th September we established the 6th Alumni Chapter.
- On 8th October we inaugurated the Readers Club.
- During these days, 3 faculty members have completed the PhD viva voce and 3 faculty members were approved as Research Supervisors.
- 10 faculty members became IIC Campus Ambassadors, 2 faculty members became the certified trainers of ZOHO.
- About student achievement, 2 students received 2nd prize with a cash award of Rs.3000/- from IET.
- From Rotary club, our students participated in 6 events and won prizes.
- Important Events
  1. Youth employment program to impart skills on three courses, Banking, Retailing & ICT, was going on from 6th October 2022 through ICT Academy.
  2. Sports, Fine Arts and Graduation days were conducted on 13th, 14th and 22nd of October 2022.
  3. All the department associations were inaugurated individually and a common inauguration was conducted for the professional and non-professional cells.
  4. Faculty orientation for 14 newly joined faculty members was conducted on 17th and 24th September 2022.
  5. 30 cadets participated in the NCC Cadets annual camp from 17th to 24th September 2022.
  6. A regional youth talk by ICT Academy was held on 29th September and 7th October 2022.
  7. IEI conducted a one-day energy conclave.
  8. Foundation classes for the first years have been conducted from August 10th to August 31st 2022. Around 370 students have benefited.
  9. IBM is conducting skill training courses for CSE, IT & ECE under the Naliaya Theran scheme. Under the Naan Mudthalvan scheme, our faculty members attended training programmes at Francis Xavier, Thiagarajan Engg College and at Infosys.
  10. Training of Trainers Fusion 360° and Autocad was conducted through ICT Academy.
  11. The badminton Tournament for SXCCE Alumni was conducted on 1st October 2022.
  12. We celebrated 75th Independence Day on August 2022 and we had a tree plantation champing in association with our Alumni Cell.

Agenda
  - Presentation of the Previous Meeting Minutes and Approval
  - Benchmarks 2022-2023 Achievement Status and Strategic Plan
  - Others

Presentation of the Previous Meeting Minutes and Approval:

The coordinator of IQAC presented the minutes of the meeting held on 03-08-2022 and the minutes were approved by the members.

Action Taken Report for the previous meeting

- A non-academic audit will be scheduled during December 2022.
- For establishing the Centre of Excellence, from the Mechanical department, Dr. Santhosh Kumar prepared a project proposal and from the EEE department Dr. John Bosco is working on Bio and Renewable energy sources. Also, they want to renew the MoU with industries.
- Dean-System asked to apply for G-suite recording under a premium scheme for each department. Also, he will implement the accessibility of E-resources on the college website through proper authorization credentials.

Benchmarks 2022-2023 Achievement Status and Remarks:

The respective Dean in charge presented the achievement status of the Benchmarks. The external member asked about the strategic plan for achieving the benchmarks.

Dean / Research

Dean/Research explained the research activities held during August 2022 to October 2022.

- A "Research Writing" workshop for all the faculty members by Dr S Albert Alexander was held on 27/08/22.
- UG Project Perspectives orientation was organized on 20/09/2022.
- The Professional Cells Inauguration was held on 24/09/22. PhD Energy Management Conclave organized on 10/10/2022.
- 5 part-time and 1 full-time phd viva voce conducted during this time.
- Funded Project proposal submitted – (SERB SUR-3, MNRE-1, UGC Fellowship-1, DRDO Seminar grant-1, AICTE SPICES-1, NABAD conf-1)
- Journal Publication – 20 SCI and 4 Scopus
- Planning for ATAL INCUBATION CENTRE, MSME Ideathon 2nd phase, DST CRG – Material Science
- Consultancy- From the civil department through testing 34K, EEE & Chemistry ready to launch a broucher.
- Research Center Renewal- Civil - Applied and Sanctioned, Physics, CSE, MCA- Applied
- An external agency (Researgence) can collect and analyze the live updates of all the publications with citations, patents, projects of our faculty members as per the requirements of accreditation and ranking purpose. Also, they will link it to the college automation software.

- It was recommended to conduct the research advisory board meeting. Also, a detailed plan should be submitted to achieve the benchmarks.

The external member listed the central government research scheme like SRIDE, SPARK, and KARMA etc. to send our applications.

Dean / System

- To increase the score in peer perception under NIFR(it was decided to strengthen the media and website)
- Take care of the live updates of websites.
- Responsible for making necessary entries in the automation software.
- Link the automation and website to reflect all the updates immediately.
- Dean System described that all the requests for automation updation and inclusion are received through the mail and are processed based on the priority.
    - Graduation registration process automated
    - Course file uploading and verification processes are automated.
    - Research forms automation process is going on.
    - Daily Newsletter implementation process is also going on.

Dean / Student Affairs

- **Admission**
    - First year counseling is going on – 147 students opted so far
    - 44 students admitted through lateral entry scheme
    - 20 students admitted in ME, 126 in MBA and 63 students in MCA.
- **Gate registration and plan to conduct trainings**
    - 69 students were registered under GATE 2023 and plan to conduct trainings in the respective departments.
- **Scholarship**
    - 691 students received scholarship.

Dean / Student Futuristic Services

- **Placement**
    - Received 48 placement offers with a maximum salary of 8.4 LPA and an average salary of 4.5 LPA
- **IIC**: All mandatory as well as 22 additional documents submitted for Q3, Q4 IIC events in Sep 2022. All mandatory documents for Yukthi project, KAPILA are completed.
- **ARIIA**: All mandatory documents uploaded on 30th Sep 2022.
- **Innovation & Incubation**:

- No. of Idea challenges Partic : 05 (Accenture idea challenge, L&T Iead hackathon, FEDEX idea challenge, TATA Imagination challenge, KPIT Innovation challenge)
- **EDC**:
  - Planning to organise a University College- EDC funded program for final year students.
  - Planning to organise an intra-college Idea challenge
- **MSME**: MSME Idea Hackathon – 14 Ideas collected from students and the last date to submit is on 14.11.2022
- **Skill development**: No activities
- **Foreign Studies**: Sent accreditation, other college credentials to Univ of Sheffield, University of Manchester, University of Toranto and University of Melbourne.

CoE

- Databases of question paper setters and examiners have been collected.
- A letter has been sent to the CoE and the Director, Centre for Academic Courses, Anna University, requesting the results of students joined in 2019, 2020 and 2021.
- A letter has been sent to the Registrar informing them of the autonomous status, inclusion of second, third and final year students in the autonomous stream, names and contact numbers of CoE and Deputy CoEs and requesting a nominee for Result Passing Board.
- The proposal for the examination page on the college website is submitted to Dean-Systems and the Faculty in-charge.
- The draft examination manual has been finalized after obtaining suggestions from the Correspondent and the Principal.
- Appointment orders for setting question papers/banks for 3, 5 and 7th semester UG courses and for UG arrear courses have been issued.
- Details of students joined in the years 2019, 2020 and 2021, and faculty members have been included in the examination software. Inclusion of lateral entry students and newly joined faculty members is pending.
- Core and elective courses have been included in the examination software.
- Quotations have been obtained for answer booklets, grade sheets and covers from 5 suppliers and are waiting for finalization by the Purchase Committee. Purchase and printing of stationery and registers is in progress.

IQAC

- NIRF
  - Registration is in progress
- NAAC AQAR 2021-2022 (till Dec 2022)
  - Collected the data under 7 criteria. Uploading is in progress, and planned to be completed before December 2022.
- Non- Academic Audit

- o Hostel, Store, Canteen, Office, Library, Sports, Estate – Scheduled during this semester's end.
- PBAS 2021-2022
  - o Plan to obtain after revising the criteria.

An external IQAC member suggested applying for handholding and mentoring neighboring colleges under Margdarshan scheme.

Discussions and Decisions:

➢ It was decided to put strategy to improve the NIRF score. Under peer perception, we got zero marks; hence it was decided to improve the media promotional activities, website updation, National level participation and Achievements etc.

➢ It was suggested to implement the central government initiatives for students, faculty, departments and institutions.
  - o 13 student schemes, 18 faculty empowerment schemes, AICTE 360° feedback, 8 institutional schemes and research schemes are live now.

➢ It was decided to release the Newsletter monthly. Dean/System has taken initiative to bring everyday news to the blog.

The IQAC coordinator thanked the external and internal members and the meeting came to an end at 4:00 p.m.
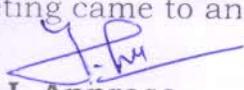
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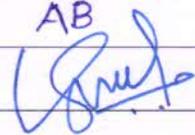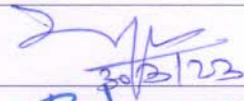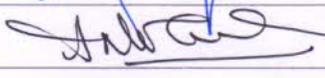Coordinator

Rev. Dr. M. Maria William
Correspondent

Dr. J. Maheswaran
Chairperson

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

Date: 30-03-2023

Time: 10:30 a.m. to 2.45pm   **Venue:** Board Room

Members Present

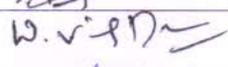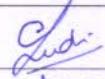| Sl. No.	Name	Signature
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24.	Ms. Joseph Matilda John	
25.	Dr. J. Annrose, Coordinator-IQAC	
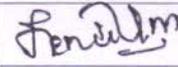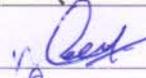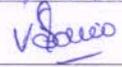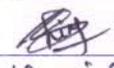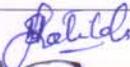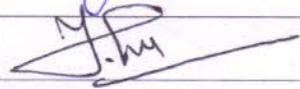
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St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
Minutes of the Meeting of IQAC Members

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The meeting of Members of IQAC was held on 30-03-2023 in the Board Room from 10:30 a.m. to 2:00 p.m. The following members were present in the meeting.

1.   Rev. Dr. M. Maria William, Correspondent
2.   Dr. J. Maheshwaran, Principal and Chairperson
3.   Mr. M. Prince Paul Raj, Industrialist
4.   Dr. V. Christus Jeya Singh, VP & Dean Student Affairs
5.   Dr. M. Marsaline Beno, Dean Research
6.   Dr. A. Milton, CoE
7.   Dr. R.S. Shaji, Dean Systems
8.   Dr. R.P. Anto Kumar, Dean Academic
9.   Dr. Anto Roche Xavier, Dean Student Futuristic Services
10.   Ms. J. Jencewin, Assistant Professor/MCA
11.   Dr. A. Bamila Virgin Louis, Assistant Professor/CSE
12.   Dr. M. Gerald Arul Selvan, Assistant Professor/ME
13.   Ms. V. Femila Savio, Assistant Professor/ECE
14.   Dr. Suja A Alex, Assistant Professor/IT
15.   Ms. D. Smiline Shiny, Assistant Professor/CE
16.   Ms. W. Vinil Dani, Assistant Professor/EEE
17.   Dr. A. Ludvin Felcy, Assistant Professor/H&S
18.   Mr. K. Maria Vinu, Assistant Profesor/MBA
19.   Mr. Mr. P.T. Justin Thiraviam /OS
20.   Ms. Joseph Matilda John
21.   Dr. J. Annrose, Coordinator

The principal welcomed the members, and in his introductory remarks, he shared the following information and introduced the agenda.

- The first meeting of all the autonomous statutory bodies was completed. Planning for the second Board of Studies meeting during the month of April and May 2023.
- He explained the current semester academic activities of the UG and PG programmes.
- Industry related courses were given to our student through Naan Mudhalvan Scheme.
- Regular placement trainings and company specific trainings were conducted through placement cell.
- Co-curricular and Extra-curricular activities are arranged by the cell in charges weekly.
- Through AICTE SPICES our college EnSav Club received rupees 1Lakh funding.

- End semester examination results were published by the CoE office. The pass percentages are on par with the previous Anna University Results.
  1. II Year - 35%
  2. III Year – 46%
  3. IV year – 59%

Agenda
- ➢ Presentation of the Previous Meeting Minutes and Approval
- ➢ Benchmarks 2022-2023 Achievement Status and Strategic Plan
- ➢ Best Practices
- ➢ Other Matters

Presentation of the Previous Meeting Minutes and Approval:
The coordinator of IQAC presented the minutes of the meeting held on 27-10-2022 and the minutes were approved by the members.

Action Taken Report for the previous meeting
- It is decided to conduct the non-academic audit review meeting with the auditors and auditees.
- The external academic audits ware conducted from March 15th to 27th and the discrepancies were rectified by the concerned departments.
- To improve the score under perception, it was decided to post all events in the Facebook and other social media. Also encourage our students to participate in the National level events.
- Central and State government initiative and proposal/events call for should be communicated and encourage the staff and students for participation.
- It was decided to publish the newsletter monthly from August 2023 onwards.

Benchmarks 2022-2023 Achievement Status and Remarks:
The IQAC Coordinator presented the overall benchmark achievement till March 2023 and it was attached in Annexure

Discussions and Decisions:
- ➢ It was decided to put strategy to reduce the cumulative arrears from the first semester itself. Also, plan for remedial coaching classes for the final year students to improve the graduation rate.
- ➢ In order to conduct the course file presentation, subject allocation should be completed three months ahead.
- ➢ Ask the in charge of the Industry Interaction Cell to create a database of all the industries near to our locality (Trivandrum, Tirunelveli, Madurai etc.)

➤ Dean- Research is asked to purchase the plagiarism software with single or two user credentials.
➤ Plan for establishing the research lab and take initiatives for industry institute research collaboration.
➤ To improve the consultancy, identify the target research areas of each department and design a broucher and market your services.
➤ Some of the suggested best practices are
  o Pay Forward Scheme
  o Idea Proposal- Seed Money
  o Plastic free campus – (recycling the plastic wastes)
  o Positive Energy (Solar energy sources)
➤ It was also decided to develop the perspective plan for next 10 years.
The meeting came to an end at 2:30 p.m.
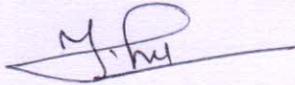
Dr. J. Annrose
Coordinator

Rev. Dr. M. Maria William
Correspondent

Dr. J. Maheswaran
Chairperson

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 26-06-2023 in the Board Room from 10:30 a.m. to 2:30 p.m. The following members were present in the meeting.

1. Rev. Dr. M. Maria William, Correspondent
2. Dr. J. Maheshwaran, Principal and Chairperson
3. Dr. S. Jayaraj, Academician
4. Mr. M. Prince Paul Raj, Industrialist
5. Dr. V. Christus Jeya Singh, VP & Dean Student Affairs
6. Dr. M. Marsaline Beno, Dean Research
7. Dr. A. Milton, CoE
8. Dr. R.S. Shaji, Dean Systems
9. Dr. R.P. Anto Kumar, Dean Academic
10. Dr. Anto Roche Xavier, Dean Student Futuristic Services
11. Ms. J. Jencewin, Assistant Professor/MCA
12. Dr. A. Bamila Virgin Louis, Assistant Professor/CSE
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15. Dr. Suja A Alex, Assistant Professor/IT
16. Ms. D. Smiline Shiny, Assistant Professor/CE
17. Ms. W. Vinil Dani, Assistant Professor/EEE
18. Dr. A. Ludvin Felcy, Assistant Professor/H&S
19. Mr. K. Maria Vinu, Assistant Profesor/MBA
20. Mr. Mr. P.T. Justin Thiraviam /OS
21. Ms. Joseph Matilda John
22. Dr. J. Annrose, Coordinator

The Principal welcomed the members, and introduced the new external IQAC member Dr. S. Jayaraj, former Mechanical Head, NIT Calicut. In his introductory remarks, the Principal shared the following information and introduced the agenda.
- The Silver Jubilee Inauguration was celebrated during the Odd semester.
- The Odd semester examinations were successfully completed, and the even semester examinations for senior UG classes are currently in progress.
- The institution is currently operating under three different regulations: Anna University R-2017, R-2021, and SXCCE R-2022 autonomous regulation.

- The departments have conducted the II Board of Studies (BoS) meetings, and the II Academic Council meeting is scheduled on July 15, 2023.
- Both professional and non-professional cells have been actively engaged in various activities, including organizing technical symposiums and hosted two international conferences during the academic year.
- Events such as a 7-day NSS camp and a Blood Donation camp were successfully organized.
- Significant achievements
  - A batch of EEE department students' project has been granted funding of Rs.10,000/- by TNSTC
  - Through IEEE student branch, a batch of ECE department students' idea has been selected for funding of 1L.
  - A student from the IT department received Rs.50,000 for a thesis competition conducted by National Institute of Urban Affairs.
  - One student backed Best NSS volunteer award
  - Ensav club received a fund of 1 lakh through AICTE SPICES.
  - Dr. Marsaline Beno sir's project proposal was sanctioned with Rs. 8.25L from AICTE and Dr. Latha mam's project was sanctioned with 38L funding from Ministry of Electronics & IT.
- The IT department has been approved as a Research Centre by Anna University.
- A one-day Tech Fest event was successfully held on April 21, 2023, focusing on Sustainable Development Goals.
- 3 Faculty Development Programs (FDPs) have been organized under the Naan Mudhalvan Scheme during this even semester.
- It was planned to increase the intake capacity for the MCA program to 120 students.
- First year admissions are going on for all the undergraduate programs.
- Anna University has exempted 29 colleges, including ours, from Affiliation Inspection.
- The institution had total of 84 faculty members with PhD qualifications and 35 approved supervisors.
- A patent submitted by Dr. John Bosco from EEE department has been granted.
- One startup, "Flutter Flog," has been registered under our incubation program.
- Strategy planning meetings were conducted with scientists and experts in May 2023.

Agenda
- Presentation of the Previous Meeting Minutes and Approval
- Benchmarks 2022-2023 Achievement Status
- Best Practices
- Drafting Benchmarks for 2023-2024
- Other Matters

Presentation of the Previous Meeting Minutes and Approval:

The coordinator of IQAC presented the minutes of the meeting held on 30-03-2023 and the minutes were approved by the members.

**Action Taken Report for the previous meeting**

- Remedial coaching classes were conducted for the arrear exam to reduce the cumulative backlogs.
- Course file review presentations will be conducted as scheduled by the Dean/Academics.
- Dean/Research is in the process of procuring plagiarism detection software. Received the quotation for purchasing the plagiarism software.
- Starting from August 2023, the newsletter has been published on a monthly basis.

Benchmarks 2022-2023 Achievement Status and Remarks:

The IQAC Coordinator presented the overall benchmark achievement of 2022-2023 and it was attached in Annexure

Discussions and Decisions:

➢ The external IQAC member analyzed the correlation between the admission cut-off with the graduation rate and UG pass percentage.

➢ Drafting the benchmarks for 2023-2024 was discussed based on four levels (Student, Faculty, Department and College). Some proposed initiatives are:

  o Offering 2-credit value-added courses.
  o Encouraging students to enroll in at least one online course annually.
  o Promoting undergraduate students to present at one international conference and postgraduate students to publish in one Scopus-indexed journal.
  o Organizing foreign language training courses.
  o Some of the best practices are
    ▪ Pay Forward Scheme
    ▪ Idea Proposal- Seed Money
    ▪ Plastic free campus – (recycling the plastic wastes)
    ▪ Adoption of positive energy sources like solar power

➢ It was also decided to develop the perspective plan for next 10 years.

The meeting concluded at 2:30 p.m.
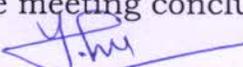
Dr. J. Annrose   **Dr. J. Maheswaran**
Coordinator   Chairperson

Rev. Dr. M. Maria William
Correspondent

Annexure
St. Xavier's Catholic College of Engineering
Internal Quality Assurance Cell
Benchmark Achievement 2022-2023

Benchmarks	Achievement Status
BM-1: Graduation rate be greater than or equal to 90%. **(Dept.)**	**Overall UG Graduation Rate – 85.49 %** Civil-29/46= 63.04% CSE- 102/116= 87.93% ECE- 32/35=91.45% EEE- 52/60=86.67% IT- 39/47= 82.98% MECH- 91/111=81.98% MBA- 54/61=88.52% MCA-52/58=89.66% ME-100% (7 ME programmes)

BM-2: Minimum expected UG pass percentages are
    BM-2.1: Final Year 95% for subject and 90% for class
    BM-2.2: Third Year 90% for subject and 80% for class
    BM-2.3: Second Year 80% for subject and 70% for class
    BM-2.4: First Year 80% for subject and 70% for class **(Dept.)**
	Overall Final Year - 16/61, 17/20= 23/81= **28.4%**
	Overall Third Year - 17/64, 8/45, 1/9=25/109 **=22.9%**
	Overall Second Year- 5/51,32/55, 1/9=37/106= **34.9%**
	Overall First Year- 5/51, 56/80 =61/131**=46.56%**
	Average= 33.19 %

BM-3: Online Course- Curriculum Design & Implementation, Student Psychology **(Dept.)**	**Student Psychology – 128/158 – 81%** **Curriculum Design - 71/158 - 44.94%** 1. **MOOC Course**- Student Psychology (NITTTR- Chennai) 2. **STC**-Outcome Based Curriculum Design (NITTTR- Chandigarh) 3. **STC -** Free and Open Source Software for Effective Curriculum Design (NITTTR- Chandigarh)
BM-4: Workshop- Technical Research Writing **(Dean Research)**	**"Research Writing"** workshop for all the faculty members was held on 27/08/22 by Dr S Albert Alexander
BM-5: FDP- Implementation of Autonomy (Dean Academics)	Some senior faculty members visited reputed HEIs **(SSN, RMKV, KPR, Sri Krishna, Kongu, NEC, Banari Amman)** and adopted the best practices towards autonomous implementation
BM-6: Awareness Programme - NEP 2020, NAAC, NBA for Autonomous Colleges (IQAC Coordinator)	**"NAAC Autonomous Benchmarks, SOP"** & Institution preparedness towards NEP faculty orientation was held on 18/03/23 by all the Deans
BM-7: Once in 2 years every dept. must conduct 1 international conference with external funding. **(Dept.)**	1. **EEE & MECH** - 27-4-2023 to 28-04-2023 (External fund from EnSav club, Technical sponsor -BOHR) 2. **Civil & Chemistry** - 25-05-2023 & 26-05-2023 (Applied for CSIR)
BM-8: Faculty interaction with industry- 1 **(Dept.)**	**81 faculty members** have interactions with(Industrial visit, Internships, BoS member, Research, Seminars)

BM-9: Departments conduct at least one value added course of minimum 30 periods duration for every student in an academic year. **(Dept.)**	**17 Value Added Courses** (Building Arcade, Databases, Cyber Security, PHP, Matlab, Advanced Automation IoT, Computer hardware and Networking, R Programming, Power BI, Autocad, Fusion 360, Open foam, Advanced Excel, Research Tools in Computer Applications,Gimp, Android App, Java Programming)-**ICTAcademy, IITB Spoken Tutorial, Departments**
BM-10: Every student undergoes Mini Project, Field Project and Internship, preferably one in an academic year starting from first year to pre-final year. **(Dept.)**	➢ **Mini Project** – All (Curriculum, Naan Mudhalvan Courses) ➢ **Internship**- 177 ➢ **Inplant Training**-98
BM-11: Publication **(Dept.)** • AP- 2 scopus or 1 SCI journal per year • Asso. & Prof. – 2 Scopus + 1 SCI per year	**Publication- 90** (AP-25/129, Assoc. Prof.-06/15, Prof.-14/14)

BM-12: Funded Projects (College level scrutiny) **(Dept.)**
• AP- 1 Minor project per year
• Asso. & Prof. – 1 Major Project per year
	Sanctioned
	Major Projects
	   Dr. M. Marsaline Beno- 8.25L (AICTE)
	   Dr. T. Latha- 38L(CDAC, ME&IT)
	Minor Projects
	➢ AICTE SPICES- Rs.100000/-

BM-13: Consultancy other than Testing • Each dept. should earn more than 1 Lakh per year **(Dept.)**	**Rs. 1,03000/-** (Civil-61K, CSE-30K, MECH-12K) Civil Testing- 1.14 L
BM-14: Student Projects (Dept.) • UG Project- at least one reputed conference, apply for project funding • PG Project - published in 1 Scopus Indexed journal.	**Sanctioned** ➢ NIUA- Rs.50,000/- ➢ TNSTC- Rs.7500/- **Publication -**50 articles in Conference & 1 Scopus journal
BM-15: 20% students should appear for GATE exam and 5% Qualification rate. **(Dept.)**	**69 registered, 50 students appeared** **Qualification** -Nil
BM-16: Every cell has to conduct a minimum of 30 hours program per year. **(Dean Student Affairs)**	Professional – 281 programs (23 cell conducted more than 4 events) Non-Professional – 133 programs (14 cell conducted more than 4 events) Service – 46 (6 cell conducted more than 4 events)
BM-17: Sports Camp- At least 1 camp per game. **(Dean Student Affairs)**	**5 Camps** (Basket Ball, Football, Cricket, Badmiton, Table Tennis)
BM-18: Alumni Contribution minimum 3 Lakhs – Trainings, Development etc. (Dean Student Affairs)	Audio Vision Recording Theatre – Rs.4,00,000 Eco_forest Izham Pozhil – Rs.50,000 Badminton Tournament, Football Match Seminar on Women Harassment
BM-19: Conduct Intra- College Symposium in the ODD semester and Inter College Symposium in the even semester. **(Dept.)**	**ODD** - 2 **EVEN -** All the departments
BM-20: Make the students to participate in state level and national level events. Should produce at least 10% state-level awards and 5% national level awards. **(Dept.)**	International : 2 National : 21 State : 3 College : Not confirmed Technical Awards- 168 Non-technical Awards- 213
BM-21: Placement • Highest salary 10 LPA, Average salary 3.5 LPA **(Dean Student Futuristic Services)**	Highest salary -8.4 LPA, Average salary 2.82 LPA

BM-22: IIC (4 start rating) **(Dean Student Futuristic Services)**	3.5
BM-23: MSME (5 incubates) **(Dean Student Futuristic Services)**	12 applied, 1 incubate- Flutter Flog
BM-24: ARIIA (Excellent band) **(Dean Student Futuristic Services)**	Participation
BM-25: EDC Conduct at least one program for EDC, Innovation, Startup & IPR **(Dean Student Futuristic Services)**	14 programs were conducted
BM-26: Foreign Universities (**Dean Student Futuristic Services)** • Tie up with 5 Universities and atleast 10 students should register the higher studies.	Conducted 1online program on awareness program for higher studies abroad 2 students joined higher studies in foreign universities
BM-28: E- course file **(Dean Systems)**	Completed
BM-29: Research Scholar Progress **(Dean Systems)**	Completed(Including Student project review in automation)
BM-30: Dataset Repositories **(Dean Systems)**	Developed (Final Year Project)
BM-31: Admission Software, Student Profile (Admission to Alumni), Faculty Profile **(Dean Systems)**	Design work completed
BM-32: Automating budget and bill settlement **(Dean Systems)**	Design work completed
BM-33: Report by Deans - Once in a month **(IQAC Coordinator)**	AAM
BM-34: Benchmark Audit - Once in 3 months **(IQAC Coordinator)**	IQAC Meeting
BM-35: One quality related workshop **(IQAC Coordinator)**	Matlab AI- Remote Centre (NITTTR Chandigarh)
BM-36: Awareness program on one new quality initiative programmes **(IQAC Coordinator)**	➢ NAAC Benchmarks & SoP ➢ Personality Development- Non Teaching
BM-37: Common Format **(IQAC Coordinator)**	Cell Report Format in the automation
BM-38: Graphical SoP for each process (All the Deans)	SoP for Student related activities