# Xavier Institute of Engineering

## IQAC Meeting

**Ref No: XIE/4501/2022-23**                                   **Date: 21/04/2023**

## Agenda of the meeting

1. Review of the previous meeting
2. Placement analysis – AY 2022 – 23
3. NBA Accreditation status
4. Status of AQARs
5. Initiatives by IQAC
6. Any other matter with permission from the chair

## Minutes of the meeting

The meeting started with a prayer by Prof. Martina Rodriguez. Based on the above agenda, the following points were discussed and minuted.

1. **Review on Previous meeting**: In the previous meetings, following seven points were discussed by the IQAC team. The IQAC members discussed on various workshops that can be conducted for teaching and non – teaching staffs and students. Data on recent publication for the current academic year 2022 – 23 was also updated. The Action taken for the different activities suggested by the committee is summarized in the following table.

| Sr. No. | Activities/ Tasks proposed | Action Taken |
|---|---|---|
| 1. | Quality Improvement workshops for Students to be conducted | 1. A One – day workshop was conducted on 'Technology in Finance' on July 22, 2022. <br> 2. A One – day workshop was conducted on 'Building a better future through Finance, Engineering and Society' on March 17, 2023. <br> 3. A One – day workshop was conducted on 'Fusion of confidence building and communication skills' on March 31, 2023. |
| 2. | One – Day workshop for teaching and non – teaching staff to be conducted | 1. A One – day workshop was conducted for teaching and non – teaching staff on 'Discernment' on July 30, 2022. <br> 2. A One – day workshop was conducted for the Lab – assistants on 'Computer hardware, Virtual OS & Networking' on December 17, 2022. <br> 3. A One – day workshop was conducted for teaching and non – teaching staff on 'Xavier preferences' on March 25, 2023. |

| | | Branch | Class | Semester | Place Visited | Participants | Date |
|---|---|---|---|---|---|---|---|
| 3. | Industrial Visit to be planned for students | IT | TE | 6 | YOTTA NM1 Data Center | 37 | 06/04/2023 |
| | | IT | BE | 8 | Adani Thermal Power Plant | 40 | 13/03/2023 |
| | | COMPS | SE | 4 | Sewage Water Treatment Plant, Nerul, Navi-Mumbai | 20 | 05/04/2023 |
| | | COMPS | TE | 6 | Train Management System, Western Railway, Mumbai Central | 53 | 01/04/2023 |
| | | EXTC | TE | 6 | Thermal Power Plant, Dahanu, Palghar | 63 | 28/02/2023 |
| | | EXTC | BE | 8 | Thermal Power Plant, Dahanu, Palghar | 41 | 06/03/2023 |
| 4. | Paper publications | Details are shown in the following table:- | | | | | |

| Sr. No. | Faculty Name | Title of Submission | Journal Details | Type of Journal indexed/Book Chapter | e-ISSN Number |
|---|---|---|---|---|---|
| 1 | Dr. Jaychand Upadhyay | An enhanced GAIT recognition system based on the features fusion methodology with recurrent neural network | Indian Journal of Computer Science and Engineering (IJCSE) | Scopus | e-ISSN:0976-5166p-ISSN:2231-3850 |
| 2 | Mr. Nitin Ahire | A comprehensive review of machine learning approaches for dyslexia diagnosis | Multimodal Tools Appl 82, 13557–13577 (2023) | SCI | e-ISSN:13557–13577 |
| 3 | Ms. Lalita Moharkar | Face formalization using GANs a survey | Science, Technology and Development Journal | UGC | e-ISSN: 0950-0707 |
| 4 | Dr. Kunal Meher | Chapter 12: Quantum Safe Cryptography | Book Name: Intelligent Approaches to Cyber Security | Book Chapter | ISBN : 9781032521619 |
| 5 | Ms. Sushama Khanvilkar | Lecture Notes in Networks and Systems book series (LNNS, volume 521) | Chapter name: EMG Pattern Recognition: A Systematic Review | Book Chapter (Scopus) | ISSN: 2367-3370 |
| 6 | Dr. Vaishali Gaikwad | Product Analyst Advisor Tool | Data Acquisition and Processing | Scopus | In Accepted Status |
| 7 | Ms. Beatrice | Advances in Electroencephalography and Brain Connectome | Chapter name: Congruous Ascertaining of Alzheimer employing EEG signals | Book Chapter | ISBN: 978-1-83768-823-4 |

On observing the above table, Principal Sir said that, publication data from T. E. and B. E. students should also be collected irrespective of whether it is accepted in UGC journals; Scopus indexed journals or any other journals.

| 5. | FDPs to be conducted | Our Institute has already applied for E & ICT academy, NIT Warangal to conduct a Ten – days FDP. It is approved by them and the proposed FDP will be conducted from July 3, 2023 to July 12, 2023. |
|---|---|---|
| 6. | Course file formats to be reframed | Course file documents were checked by the IQAC members and reframed as desired by NBA. |

| | | Modules implemented in AY 22-23 | Modules to be planned in AY 23-24 |
|---|---|---|---|
| 7. | ERP Modules Status to be updated | Admission module | |
| | | Examination module | |
| | | Student Information module | CO-PO Calculation module |
| | | Class Information module | |
| | | Assignment module | |
| | | Leave module | |

2. **Placement Analysis – AY 2022 – 23:** The following Placement analysis table was shared with the IQAC Head by Training and Placement officer, Mr. Naveen Kukreja.

| Sr.No | Department | Total No. of Students | No. of Students Placed | Highest Package (In lakh) | Lowest Package (In lakh) |
|---|---|---|---|---|---|
| 1 | Computer Engineering | 77 | 41 Students Placed & 48 Offers Received | 12LPA | 3.5LPA |
| 2 | Electronics and Telecommunication | 68 | 37 Students Placed & 47 Offers Received | 12LPA | 3.5LPA |
| 3 | Information Technology | 69 | 22 Students Placed & 26 Offers Received | 8.5LPA | 3LPA |

In this table, only the number of students placed in the companies and the total number of students present in B. E. were mentioned. Principal Sir asked Mr. Naveen to share the list of those students aspiring for higher studies.

Mr. Mahesh Pinge asked Mr. Naveen to enlighten upon the different strategies the Institute follows to improve the Marketability for students. To improve the number of placements, the students should be given soft skill training or there should be an implementation of value added courses that can be shown as a mean of improving students' technical and communication skills.

Prof. Pinge asked him why few students are rejected in the interview. There should be a feedback mechanism at the time of placement interview only. Whatever verbal inputs are given by the

representatives from the companies should be noted down then and there itself and accordingly, improvisation is expected.

Principal Sir said that, in order to improve on the statistics on placements, some departmental activities should be conducted for the weak students. Mr. Naveen should work in collaboration with all the three Departmental Heads.

3. **NBA Accreditation Status**: Prof. Pinge NBA Accreditation status of the EXTC and IT department should be shared with external bodies.

4. **AQAR Status**: Prof. Beatrice stated that, AQAR 2020 – 21 has been uploaded and AQAR 2021 – 22 is in process.

5. **Initiatives by IQAC**: a) *For conducting workshops*, seminars, NAAC provides about a one lakh Grant. Such kind of workshops should be conducted under IQAC. A few seminars were conducted in the current semester. Similarly, few more seminars/ Workshops will be conducted in the AY 23-24.

b) *Scholarships to the students*: Prof. Beatrice said to the principal that a few awareness programs can be conducted for students so that, they know about the scholarship schemes available in our Institute. In response to this, Principal Sir said that, each student must know about the Govt. scholarship schemes available as per AICTE. Information on the various Minority scholarships such as Shahu Maharaj scholarship, Shivaji Maharaj Scholarship, Sambhaji Maharaj Scholarships, etc. are available with Mr. Nitin Nijap from office. College appreciates the students with some prize money for winning various competitions held under IIC, IQAC, Technical societies, etc. However, prize money cannot be considered as scholarships.

c) *XJET status*: Prof. Beatrice updated on the current status of XJET, an online peer reviewed e – journal. She said that, as of now, only four papers are received. Principal Sir said that, to get more manuscripts, several reminders must be sent to the Principals and the Heads of the other academic institutions.

6. **Any Other matter**: Prof Beatrice suggested that Mr. Mahesh Pinge could be called as a Guest Speaker for conducting "Quality Improvement Program" first for the faculty members, then, for the students also. He agreed upon the same suggesting that, such events should be more participatory by involving the in – house faculty members.

The meeting was ended with vote of thanks by Prof Beatrice followed by tea and refreshments for the members present.

IQAC Coordinator
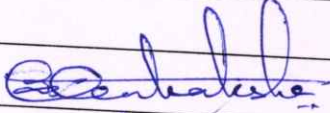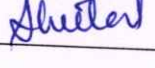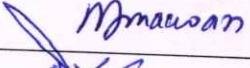
(S. Beatrice)

Chairperson, IQAC
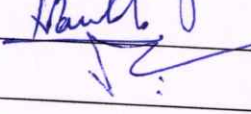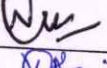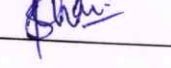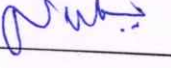
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**Date: 21/04/2023**

## IQAC Meeting - Attendance

| S.No | Name of the Member | Signature |
|------|--------------------|-----------|
| 1. | Fr. Dr. John Rose SJ | |
| 2. | Dr. Y. D. Venkatesh | *(signed)* |
| 3. | Ms. S. Beatrice | *(signed)* |
| 4. | Dr. Vidya Sarode | *(signed)* |
| 5. | Ms. Meena Ugale | *(signed)* |
| 6. | Dr. Vaishali Gaikwad | *(signed)* |
| 7. | Mr. Vijay Kapure | *(signed)* |
| 8. | Ms. Lalita Moharkar | |
| 9. | Mr. Nitin Ahire | *(signed)* |
| 10. | Ms. Kavita Jain | *(signed)* |
| 11. | Mr. Jaychand Upadhyay | |
| 12. | Ms. Sushama Khanvilkar | *(signed)* |
| 13. | Ms Madhura Shirodkar | *(signed)* |
| 14. | Ms. Martina D'Souza | *(signed)* |
| 15. | Dr. Bhagyashree Chari | *(signed)* |
| 16. | Ms.Yashonanda Maurya | |
| 17. | Mr. Naveen Kukreja | *(signed)* |
| 18. | Ms. Ereena Rodrigues | |
| 19. | Ms. Angelica Aranjo | |
| 20. | Mr. Rahul Narsing | *(signed)* |
| 21. | Mr. Prakash Salian | |
| 22. | Ms. Sheetal Lemos | *(signed)* |
| 23. | Fr. Albert Menezes SJ | |
| 24. | Mr. Stanly Samuel | |
| 25. | Mr. Michelle Macwan | *(signed)* |
| 26. | Mr. Mahesh Pinge | *(signed)* |
| 27. | Mr. Sunil Waichol | *(signed)* |