

# Internal Quality Assurance Cell (IQAC)



# Annual Report 2022-23

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## Introduction:

The prime task of the IQAC is to develop a system for conscious, consistent & catalytic improvement in the overall performance of the University. It channelizes all efforts & and measures of the university towards promoting its holistic academic excellence. Since quality enhancement is a continuous process, the IQAC is a part of the university system and works towards the realization of the goals of quality enhancement and sustenance.

## Key Duties:

Followings are the key duties of IQAC in the University:

- ❖ Effective Leadership
- ❖ Decentralization and Participate Management
- ❖ Perspective/Strategic Plan
- ❖ Administrative Setup and e-governance
- ❖ Productiveness of University bodies/ Cells/Committees
- ❖ Sponsorship
- ❖ Career Development
- ❖ Co-curricular and extracurricular activities
- ❖ Academic Administrative Audit (AAA)
- ❖ Participation in various Accreditation and Rankings

## Strategic Plan:

IQAC shall evolve mechanisms and procedures for:

- ❖ Ensuring Timely, Efficient and progressive performance of Academic and Administrative.
- ❖ The relevance and quality of Academic and research programs.
- ❖ Equitable access to and affordability of Academic Programs for various section of society.
- ❖ Optimization and integration of modern methods of teaching and learning.
- ❖ The credibility of evaluation procedures
- ❖ Ensuring the adequacy, maintenance and functioning of the support structure and services
- ❖ Research sharing and networking with other institutions.

## Function of IQAC:

IQAC shall evolve mechanisms and procedures for:

- ❖ Setting up quality benchmarks and parameters with consistent work for different academic, financial and administrative activities/goals of the University.
- ❖ Facilitating the creation of a learner-centric environment conducive to quality education and enabling faculties to adopt ERP tools to promote a participatory teaching-learning process and innovation in education.
- ❖ Encouraging feedback from all the stakeholders on quality-related institutional processes.
- ❖ Documenting various quality improvement programs and activities.
- ❖ Organizing various workshops & seminars for the quality education environment
- ❖ Periodical conduct of Academic and Administrative Audits along with their follow-up
- ❖ Developing a quality culture in the University.

## Benefits of IQAC:

IQAC shall evolve mechanisms and procedures for:

- ❖ IQAC ensures clarity of the work processes and enables the stakeholders to “re-think” the current work processes.
- ❖ Continuous performance evaluation and assessment align the quality of education with global standards.
- ❖ IQAC ensures better collaboration between various departments of the university and eliminates the communication gap with frequent evaluation and feedback from the stakeholders.
- ❖ Building a sound methodology for documentation and internal communication.
- ❖ IQAC encourages to motivates faculty members to focus on R&D and makes them future-ready by empowering
- ❖ IQAC verifies all the documents, evidence, and facts and resolves the challenges faced by the university
- ❖ IQAC introducing project-based and service-based learning that teaches students the importance of practical knowledge.
- ❖ IQAC provides a globalized platform to students by inculcating the “think locally- act globally” mind-set.

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## IQAC Committee:

S. No.	Designation	Name of the Person
1	Chairman	Dr. R. D. Patidar, Vice - Chancellor, OPJU
2	Director-IQAC	Dr. Girish C. Mishra, Professor & Dean, SoS
3	Deputy Director	Dr. Deepak Singh, Associate Professor, EE
4	Senior Member of Administration	1. Dr. Anurag Vijaywargiya, Registrar 2. Dr. Surendra Dwiwedi, Director - Administration
5	Member Nominated by	Dr. B. K. Sthapak, Member of Governing Body Founder Chancellor,
6	Representatives of Students	1. Mr. Sakshee Mishra, BSc - 7th Semester (SoS) 2. Mr. Shushant Mishra, B.Tech- 7th Semester (SoE) 3. Mr. Akash Sinha, MBA – 3rd Semester (SoM)
7	Representatives of Alumni	1. Mr. Gagan Wasan, President Alumni Association, OPJU 2. Mr. R. P. Pandey, DGM (HR), JPL, Tamnar 3. Mr. Kiran Singh, M.Sc. (Physics)
8	Representatives of Industry	1. Mr. B.K., CEO, MSP Raigarh 2. Mr. Rajesh Singh, VP (HR and IR), TRL, Krosaki Belpahar 3. Mr. S.S. Rathi, Director, NSPL, Raigarh
9	Representatives of Employer	1. Mr. Pankaj Lochan, Executive Director & Group CHRO, JSPL Raigarh 2. Mr. Nilesh Shah, JSPL
10	Representatives of Parents	1. Dr. Yugal Kishor Chandra (SoS) 2. Mr. Rajender Singh Jhangra (SoM) 3. Mr. P. N. Patel (SoE)
11	Representatives of Teachers	1. Dr. Sanjay Singh, Professor-SoS 2. Dr. Saket Jeswani, Asst. Dean - SoM 3. Dr S. Das, Professor, Metallurgical Engg. 4. Dr. Rakesh Nayak, Professor, CSE 5. Dr G M Rao, Professor, EE 6. Dr. Siddharth S. Chakrabarti, Professor, Mechanical 7. Dr. Mahasakti Mahamaya, Sr. Assistant Professor, Civil 8. Dr. Mukesh S. Desai, Associate Professor, Mechanical
12	Librarian	Dr. Manish Sharma
13	Dy. Director- Sports	Dr. Amit Paras
14	Hostel Warden	Dr. Surendra Dwiwedi

## Meetings Conducted:

2022-23

S. No.	Meeting Date	Discussion Points
1.	15/09/2022	1. OPJU-JSP project status 2. Review/follow up of actions from previous IQAC meeting held on 05 <sup>th</sup> May 2022. 3. Review of NAAC assigned tasks for the month of September and their progress.

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		<ol style="list-style-type: none"><li>4. Review of last Academic Administrative Audit (AAA) report and their outcomes.</li><li>5. Activities planned for the semester:<ol style="list-style-type: none"><li>5.1. Arranging AAA for all departments for the session of Jan-June 2022 after mid semester examinations.</li><li>5.2. Organize a workshop for outcome based measures (PO/CO attainment) for NAAC with assigned team for the mentioned task.</li><li>5.3. Initiatives for implementing of National Education Policy (NEP) 2020 at OPJU.</li><li>5.4. Initiative to improve ranking in NIRF ranking 2023.</li><li>5.5. Promotion of industry linked projects with parent and other organizations with financial support.</li><li>5.6. Increase visibility of research/publication for ranking and recognition.</li></ol></li></ol>
2.	21/09/2022	<ol style="list-style-type: none"><li>1. Program outcome/ course outcome attainment</li><li>2. Framework for implementing CO/PO in question paper</li><li>3. Attainment calculation for outcome</li></ol>
3.	19/10/2022	<ol style="list-style-type: none"><li>1. OPJU-JSP ongoing projects details status</li><li>2. Review/follow up actions from previous IQAC meeting held on 15<sup>th</sup> September 2022.</li><li>3. Review of NAAC assigned tasks for the month of September and their progress.</li><li>4. Initiatives for implementing National Education Policy (NEP) 2020 at OPJU.</li><li>5. Proper implementation and monitoring of e-learning tools for strengthening the teaching learning process (Moodle, ERP attendance system, etc.)</li><li>6. Enhancing alumni interaction with departments and their contribution for placement, training programs etc.</li><li>7. Strengthening the mentor -mentee system</li></ol>
4.	21/11/2022	<ol style="list-style-type: none"><li>1. Degradable and non-degradable waste management</li><li>2. Water conservation facilities</li><li>3. Green campus initiatives</li><li>4. Quality audits on environment and energy</li></ol>
5.	07/12/2022	<ol style="list-style-type: none"><li>1. Alignment of Course Curriculum/Syllabus with NEP 2020</li><li>2. Indirect Assessment of Students for CO attainment</li><li>3. Inclusion of Emerging technologies as per the industry needs in the syllabus for revision of curriculum</li><li>4. Audit/Annual verification of lab equipment</li></ol>
6.	21/12/2022	<ol style="list-style-type: none"><li>1. Action Plan for the implementation of NEP 2020 at OPJU from next semester onwards.</li><li>2. Report on AAA audit and action plan for improvement at departmental level.</li><li>3. Annual audit/verification of lab equipment.</li></ol>



		<ol style="list-style-type: none"><li>4. Enhance the number of project proposals for SEED money.</li><li>5. Policy for Central Instrumentation Facility and its process of usage.</li><li>6. Green initiatives and their implementation.</li><li>7. Action plan for USR activities for the coming session 2023.</li></ol>
7.	25/01/2023	<ol style="list-style-type: none"><li>1. Strategic plan for implementation of NEP 2020 at OPJU.</li><li>2. Student, faculty, alumni and employers' feedback for the design and review of syllabus for course curriculum.</li><li>3. Finalization of policy for Central Instrumentation Facility (CIF) and its process of usage.</li><li>4. Proposed targets for academic activities such as number of FDPs, number of project proposals, number of research papers, etc to improve different NAAC key indicators.</li></ol>
8.	20/02/2023	<ol style="list-style-type: none"><li>1. Status review of strategic plan for implementation of NEP 2020 at OPJU.</li><li>2. Status review of student, faculty, alumni and employers' feedback for the design and review of syllabus for course curriculum.</li><li>3. Enhancement of MOU based activities for the current semester.</li><li>4. Status review of documentation gap for different NAAC criteria.</li><li>5. Status review of infrastructure gap for NAAC criteria.</li><li>6. Reforms in PhD coursework curriculum in accordance with UGC PhD regulation 2022.</li></ol>
9.	17/03/2023	<ol style="list-style-type: none"><li>1. Preparation of CO/PO attainment for the current semester.</li><li>2. Current status of NEP 2020 implementation at OPJU.</li><li>3. Academic and Administrative Audit (AAA) for the last session July -Dec 2022-23.</li><li>4. Status review of green initiatives activities by Eco Club.</li></ol>
10.	26/04/2023	<ol style="list-style-type: none"><li>1. Signages and SOPs preparation for classrooms and laboratories.</li><li>2. Status of alternative sources of energy installation in the university such as solar plant, sensor based lights, LEDs, bio-gas plant, etc.</li><li>3. Status of Academic Bank of Credits (ABC) registration for credits database.</li><li>4. Review of Academic and Administrative Audit (AAA) for the session July -Dec 2022-23.</li><li>5. Steps to follow for NEP 2020 implementation at OPJU.</li></ol>
11.	30/05/2023	<ol style="list-style-type: none"><li>1. Current status of NEP 2020 implementation at OPJU.</li><li>2. CBCS Scheme review as per NEP 2020.</li><li>3. Initiative to create NPTEL/SWAYAM remote centre at OPJU.</li><li>4. Status review of NAAC 18 points activities.</li><li>5. Status review of NAAC related infrastructure gaps activities.</li></ol>

## Activities conducted:

1. O.P. Jindal University conducted its 2<sup>nd</sup> Convocation on 10 October 2022. Hon'ble Governor of Chhattisgarh State Smt. Anusuiya Uikey was present as the Chief Guest of the Convocation Programme. In the 2<sup>nd</sup> Convocation total of 738 degrees were distributed to the pass-out students for the year 2021-22.



2. 3rd flagship International Conference by the School of Management on the title "The Role of Innovation, Entrepreneurship & Management for Sustainable Development" (ICRIEMSD) in association with ICRC-AIMA & Jose Maria College, Philippines was conducted during 25<sup>th</sup> to 26<sup>th</sup> November-2022 through Virtual mode.
3. O.P. Jindal University organized the National Innovation Fest (NIF 2.0) during 28-29 November 2022. In this event more than 160 students have participated from different Institutions of India. The students have presented their Ideas, Start-up pitch and Prototype demo. Prof. (Dr) Colonel Umesh Kumar Mishra, Chairman-CGPURC was the chief guest of the program.
4. O.P Jindal University conducted its 5<sup>th</sup> alumni meet in November 2022 at Raigarh which served as a valuable platform for format students to reconnect, share experiences and contribute to the growth and success of their alma meter. In this alumni meet more than 100 former students have participated to foster a sense of community and provide the opportunity for personal and professional development and strengthen the University's ties with its alumni.

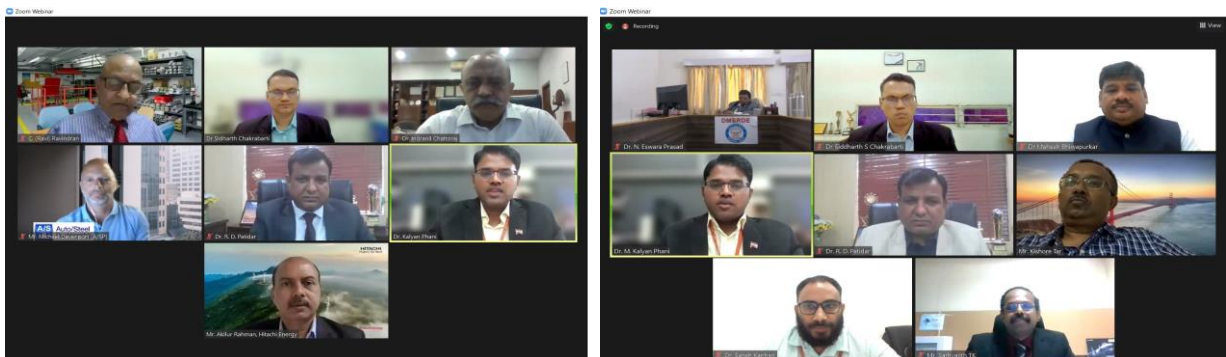


5. O.P. Jindal University has organized an East Zone Badminton Championship (Women) -2022-23 between 27<sup>th</sup> to 30<sup>th</sup> December 2022. In this tournament around 400 students participated from 41 different Universities and Admas University, West Bengal was awarded as the winner of the tournament.





6. O.P. Jindal University, Raigarh has organized its 5<sup>th</sup> International Conference on Advances in Steel, Power and Construction Technology (ICASPCT 2022), and the 5<sup>th</sup> Industry-Academia Conclave in a virtual mode. It witnessed huge knowledge and seamless learnings along with understanding the issues and developments in the steel, power and construction sectors. The event was organized by OPJU in association with Jindal Steel and Power (JSP), Raigarh, ASM International, USA, Association for Iron and Steel Technology (AIST), USA, and Association of Welding Product Manufacturers (AWPM). The presence of dignitaries constituted scholars from across the globe, sponsors and partners. An array of carefully selected, research papers were selected for presentation on various themes. All collaborators came forward the ICASPCT with admired level of endeavours. The event hosted 5 plenary sessions by 28 eminent speakers from industry and academia from different parts of the globe. The conference received more than 275 abstracts and more than 175 quality research papers. Selected papers were published in AIP proceedings and Materials Today: Proceedings, which are of international repute and SCOPUS Indexed.



7. **OPJU International Technology Conference on Emerging Technologies for Sustainable Development** was conducted during 8-10 February 2023, which was sponsored by **IEEE MP Section** and **CG Cost Govt. of Chhattisgarh**. In this conference total of above 600 technical papers were received from more than 20 countries, out of which 150 selected technical papers were presented through Hybrid mode. The inaugural ceremony was executed on 8 February 2023 in the auditorium of OP Jindal School, Raigarh, where dignitaries from IITs/ IIITs/NITs/ IEEE MP Section including Chairman Hon'ble Mr. Naveen Jindal, Chancellor, Hon'ble Ms. Shallu Jindal, MD and ED JSP were present.
8. OPJU Parents Summit was organized on 27 and 28 April 2023 to foster a positive relationship between parents and the university. The purpose of the summit was to provide a platform for communication, information sharing and engagement, ultimately contributing to the success and well-being of the students.



9. OP Jindal University organized its annual event Technorollix-2023 between 1<sup>st</sup> to 4<sup>th</sup> March-2023. In this annual event, various programmes like Talent Hunt, Start-up business plans, Battle of Bands, Techlab, Yuva Sadan, Food Fiesta, Brainy Escape, Codigo, Ideathon Aero Drone, Aagaz etc. were organized, in which all the students and staff members actively participated.



**10. MoU Signed**

- Sohar University, Sultanate of Oman
- Bosch Rexroth India Private Limited, Ahmedabad, Gujrat
- Slurry Transportation Lab, NIT Jamshedpur, Jharkhand
- FPT University, Hanoi, Vietnam
- MSP Steel and Power Limited, Jamgaon, Raigarh, Chhattisgarh

**11. New Program & Collaborations in the year 2022-23:**

- Started B.Sc. (Hons.) Data Science and Analytics
- Launch an Executive MBA program for working professionals.
- New Initiative taken to implement the New Education Policy at OPJU.

**12. Key Infrastructure improvements in the year 2022-23:**

- Media Centre
- 75 KW Rooftop Solar Power Plant
- Strengthening OPJU Innovation Centre
- Strengthening CSTPD with Equipment Worth Rs. 3.5 Cr
- New Computing Facilities (I7 Machines - 200 Nos.)

- Enhanced IT Facilities (Bandwidth: 1 GBPS)
- ISSN for OPJU Business Journal
- 20 Modernized Digital Classrooms
- Improved GYM facilities by creating open air and separate GYM in the boys' hostel

**13. Emphasis on achievements in research and innovation**

- Significant improvement in innovation ranking
- OPJU International Technology Conference (OTCON) on IEEE Xplore
- First 3 PhD awarded (01 from School of Engg. & 02 from School of Science)
- Improved research, project, consultancy & corporate training.