RAMGARH ENGINEERING COLLEGE

(Estd.By Govt. Of Jharkhand &Run by Techno India under PPP)

Campus address: Murubanda, PO: Barkipona, PS: Rajrappa Project, Dist: Ramgarh, Jharkhand, PIN-825101
Ph: +91-9523592003/04, Email: gec.ramgarh@gmail.com, Website: www.technoindiaramgarh.org

Internal Quality Assurance Cell (IQAC)

Ref: REC/IQAC/NOT/2021/02

Dated:03.08.2021

NOTICE

The following members of IQAC are hereby informed to attend the meeting which to be held on 04/08/2021 in the Meeting Hall for the following agenda.
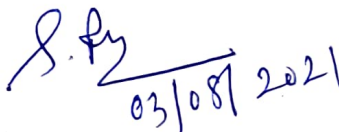
List of Members:

1. Chairperson: Dr.Sharbani Roy, Principal
2. Dr.Nazmul Islam, Vice Principal, Director/ Coordinator of the IQAC
3. Dr.SudiptaChakraborty, HoD, ECE department
4. Dr.Brajesh Kumar, Associate Professor, ECE department
5. Dr. Ganesh Shankar, HoD, ME department
6. Dr.SumantaRakhit, HoD, CE department
7. Mr.Bhaskar Das, HoD, CSE department
8. Ms.Shalini Mishra, HoD, EE department

Agenda:

1. Feedback Analysis AY- 2020-21.
2. SWOC
3. Inclusion of Mr. Biswajit Mahanty, Academic I/C into the IQAC

Coordinator/Director

IQAC

Chairman

IQAC

Principal
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Internal Quality Assurance Cell (IQAC)

Ref: REC/IQAC/MOM/2021/01   Dated: 04.08.2021

Agenda:

1. Feedback Analysis AY- 2020-21.
2. SWOC
3. Inclusion of Mr. Biswajit Mahanty, Academic I/C into the IQAC

Members Present:

1. Chairperson: Dr. Sharbani Roy, Principal
2. Dr. Nazmul Islam, Vice Principal, Director/ Coordinator of the IQAC
3. Dr. Sudipta Chakraborty, HoD, ECE department
4. Dr. Brajesh Kumar, Associate Professor, ECE department
5. Dr. Ganesh Shankar, HoD, ME department
6. Dr. Sumanta Rakhit, HoD, CE department
7. Mr. Bhaskar Das, HoD, CSE department
8. Ms. Shalini Mishra, HoD, EE department

MOM:

Agenda-1:

The Coordinator, IQAC welcome all the members for the meeting for taking action on Feedback Analysis.

For Continuous growing and upliftment as well as in accreditation process require analysis where IQAC team suggested that feedback analysis of students, alumni, employers, faculties should be expected means minimum one time in a year and the report must be sent to academic cell.

IQAC coordinator declared that the feedback system was a part of academic schedule in the college but in offline mode, however online analysis platform have to be implemented from now onwards.

In the observation of student feedback analysis, here total 10 factor or more constraints are there. Out of 10 constraints, 8 parameters indicated that the students are mostly pleased with the currentstructure at anassurance level of nearly 50%. Only 2 factors showed "Require Awareness" is as follows:

i) Adequate exposure is provided to relevant software.
ii) College provides the opportunity to learn and grow with ethical principles and a sense of responsibility for the society and environment.

For the point (i), it was resoluted that initiative should be taken by CSE department as well as respective department also to arrange seminar/workshops internally and side by side hiring the industry persons.

And regarding the point (ii), Faculty of Literature, under the BSH department was call for, to describe the students through the departmental mentors and take essential action.

In the observation of faculty feedback analysis, here total 10 factors are there. Out of 10 constraints, 8 parameters indicated that the faculties are mostly pleased with the current structure at anassurance level of nearly 50%. Only 2 factors showed "Require Awareness" is as follows:

i) The college has different cell to promote the research activities
ii) The evaluation process of the university is always fair and results are declared in time.

It was discussed that the faculty members having PhD degree should apply for research funds through the R&D cell. For this it is expected that our faculty members will get great exposure to do new and emerging areas.

And for point (ii), from each department we will collect gap analysis report and that sent to academic cell. After evolution this, this report will be sent to university through principal to take necessary actions.

It was decided that the entire HOD will take the alumni feedback through online mode where out of 10 parameters 1 point has lacuna, for that require changes the system. It is as follows:

i) The courses enhances the analytical/problem solving/critical thinking/innovative skills/team work/communication skill

Regarding this point, be arranged lab sometimes with industry person for practical knowledge, problem solving skill with theory portion whereas arrange some mini project team-wise to grow the innovative skill as well as critical thinking.

All the initiatives are approved by the Chairperson/ Principal.

Agenda 2:

After receiving of the NBA accreditation for two departments, the Vice Principal and Coordinator/Director, IQAC, Assoc.Professor, Dr.Nazmul Islam, pointed out that the college needs to review again its Strength, Weakness, Opportunities and Challenges. The SWOC is reviewed and finalized by all the members. (Annex-1)

Agenda 3:

The Chair proposed to include the newly appointed Academic I/C, Mr. Biswajit Mahanty, into the IQAC. All members agreed with the proposal. The coordinator requested the chair to get the necessary approval from BoG.

Meeting ended with a vote of thanks to the chair.
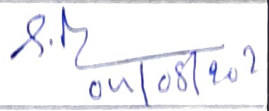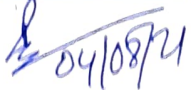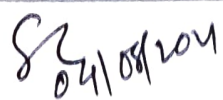
04/08/21

Coordinator/Director
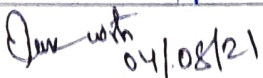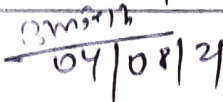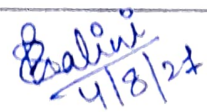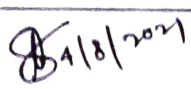
IQAC

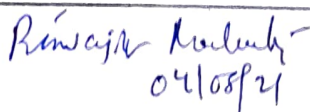Chairman 04/08/2021

IQAC

Principal
Ramgarh Engineering College
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Attendance sheet:

Serial No.	Name	Designation	Signature
01	Dr. Sharbani Roy	Principal	_04/08/2021_
02	Dr. Nazmul Islam,	Vice Principal, Director/ Coordinator of the IQAC	_04/08/21_
03	Dr. Sudipta Chakraborty	HoD, ECE department	_04/08/2021_
04	Dr. Ganesh Shankar	HoD, ME department	_4/8/21_
05	Dr. Sumanta Rakhit	HoD, CE department	_04.08/21_
06	Dr. Brajesh Kumar	Associate Professor, ECE department	_04/08/21_
07	Ms. Shalini Mishra	HoD, EE department	_4/8/21_
08	Mr. Bhaskar Das	HoD, CSE department	_4/8/2021_

Special Invitee:

Serial No.	Name	Designation	Signature
01.	Mr. Biswajit Mahanty	Assistant Professor, ECE department & Academic In-Charge	_04/08/21_

SWOC

Institutional Strength

1. Effective leadership of the members of the Techno India Group with passion towards working for academic excellence in the college.
2. Strategically located in the outskirt of Ramgarh city, 50 KM apart from the state capital Ranchi.
3. TEQIP-III funded.
4. Conducive environment and state-of-art Infrastructure; sprawling campus with amenities like hostel accommodation, Wi-Fi, cafeteria, (150+63.5) KVA gensets and UPS for power backup and has ventilated & equipped laboratories, clean potable water. Good indoor and outdoor Sports Facilities for students and staffs.
5. Learner centric and ICT enabled Teaching–Learning process, to meet the needs of the millennials.
6. Qualified, committed and experienced faculty with Ph.D. degrees.
7. Graduation rate with good placements and excellent personality development training programs; Institute has a strong Placement and Training Department which ensures that most of the eligible students are placed in good companies.
8. Career Counselling of students for competitive examinations.
9. Establishment of student professional chapters like IEEE, IE (I) etc.
10. Value added programs like Entrepreneurship Development Cell, NSS Cell, NCC Cell, etc.
11. Mentoring and Monitoring of the students on a regular basis.
12. Fully automated Central library.
13. Faculty research publications in national and international journals/ conferences along with book publications.
14. Faculty members are encouraged to organize/participate in the workshops/seminars/ Conferences etc.
15. E-Governance system.
16. CCTV monitored campus for security.
17. Nodal Centre for IIT-KGP Virtual Lab Project.
18. Recognized as local chapters for NPTEL.
19. Two of the UG Engineering Programs, ECE and CE are accredited by NBA in 2021 and the result of another one of the UG Engineering Programs, ME is awaited.

Institutional Weakness

1. Lack of funded projects and patents
2. Industry- academy relation to be improved for projects and consultancy and extension activities
3. No technology incubators to transfer the technology to industries.
4. Quality publications and Interdisciplinary and collaborative Research needs to be strengthened.
5. Weak placement trends in core industries of Civil, Mechanical and Electrical engineering sectors.
6. Needs to strengthen the Alumni Association.
7. University examination questions are repetitive not-in agreement with higher order thinking
8. Communication skill of about 20% students needs to be improved.
9. The College is affiliated to JUT and hence has a limitation in upgrading of curriculum and running collaborative courses with Industry and foreign universities.
10. Restricted Autonomy imposes a threat to offer new programmes with employability
11. Non-availability of adequate Associate professors to meet the norm of 1:2:6.
12. Non-availability of visiting and adjunct faculty from industry.
13. International engagement in terms of student and faculty exchange programs

Institutional Opportunity

1. Having an opportunity to become Autonomous Institution enabling design of curriculum as per industry requirements

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2. New avenues of getting support in terms of research grants and technology from the funding agencies as well as industries.
3. Securing IPR for innovative ideas and products emerging out of R&D projects. A systematic approach can be adopted in order to identify projects with high potential for patent application with the assistance of IPR consultant.
4. Establishing centre of Excellence in key areas like effective research, entrepreneurship development and consultancy. Different opportunities are available for students to become entrepreneurs.
5. Staff and student exchanges with one of the leading Institutions (KLETech University) in India
6. Industrial in-plant training opportunities to students and faculty which will widen the opportunities for students internship, faculty exchange and collaborative work
7. Practicing of outcome-based education in all facets of engineering discipline.
8. Alumni pool of the institution serving in the country and abroad widen the opportunity of collaboration and network building.
9. Counselling of students to appear for competitive examinations like, GATE, etc.
10. Enhancing contributions to green initiatives for sustainable development of society

Institutional Challenge

1. Long term sustainability without compromising standards due to horizontal growth of Institution and competitions from nearby colleges and universities; Bench marking with premier institutes will bring out the best in students and faculty.
2. Changing admission scenario in engineering and technology due to the wide availability of other professional programs.
3. Coping with rapid change in technology and the industrial requirements and improving the employability and life skills of the students are the biggest challenge for an Institution affiliated to a University.
4. Retention of qualified faculty; it is observed that on acquiring Ph.D. degree, the faculty is prone to migrate to other institutions lured by the designation of Professor. Overcoming the shortage of Associate Professors since the faculty has opportunities of being designated as Professors in other institutions on acquiring Ph.D. degree.
5. Declining supply of quality faculty, difficulty in exposing faculty to the Industrial scenario and getting them trained to train students are other challenges.
6. Maintaining the placement consistency in IT sector jobs.
7. Incorporating add-on out of curriculum course modules to comply industry requirements. This is a challenge because of lack of free slots in the academic schedule and availability of qualified faculty in the emerging areas of technology.
8. To provide exposure to faculty members in premier institute in India and international universities. International students and faculty exchange programs with foreign universities; Attracting international /national faculty and the students
9. To improve consultancy work by Faculty Members to provide consultancy services to the industry
10. Securing research funding from AICTE, DST and similar organizations.
11. Attracting and retaining very good faculty members
12. To figure in the NBA accreditation for two UG programs-CSE and EE.