

JHARGRAM RAJ COLLEGE
(Government of West Bengal)



Affiliated to Vidyasagar University

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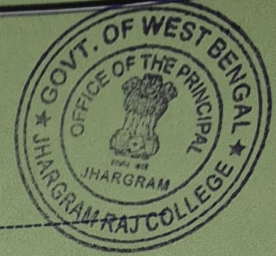
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INTERNAL QUALITY ASSURANCE CELL
ANNUAL REPORT FOR THE SESSION 2021-2022



INTERNAL QUALITY ASSURANCE CELL

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ANNUAL REPORT ON THE QUALITY INITIATIVES UNDERTAKEN BY
INTERNAL QUALITY ASSURANCE CELL (IQAC)
2021-2022

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PART – A: IQAC MEETINGS

| SL. NO. | DATE | TIME | NATURE | Link for online meeting |
|---------|------------|---------|---------|---|
| 1 | 08.06.2021 | 6.30 PM | ONLINE | https://meet.google.com/hio-sues-fiw |
| 2 | 05.08.2021 | 7 PM | ONLINE | https://meet.google.com/utb-vkes-zfo |
| 3 | 19.08.2021 | 6.30 PM | ONLINE | https://meet.google.com/emh-jeob-wwb |
| 4 | 28.10.2021 | 6.30 PM | ONLINE | https://meet.gogle.com/puo-bcuq-eou |
| 5 | 11.11.2021 | 10 AM | ONLINE | https://meet.google.com/phd-gpey-zhu |
| 6 | 25.11.2021 | 3 PM | OFFLINE | held at Principal's chamber |
| 7 | 08.12.2021 | 3 PM | OFFLINE | held at Principal's chamber |
| 8 | 04.01.2022 | 6 PM | ONLINE | https://meet.google.com/rvc-geuw-mqc |
| 9 | 09.02.2022 | 3 PM | OFFLINE | held at Principal's chamber |
| 10 | 20.04.2022 | 3.30 PM | OFFLINE | held at Principal's chamber |

Link in college website: https://jrc.ac.in/iqac/working_folder/DOWNLOAD-G-0-1-64623C0D5009C.pdf



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PART – B: PLAN OF ACTION AND ACTION TAKEN REPORT FOR THE ENTIRE ACADEMIC YEAR

| Plan of Action | Expected Outcome |
|---|--|
| Proposal of Summer School Programme via online platform. | Student & Teacher exchange facility through online platform. |
| Submission of pending AQAR | Attempt for NAAC accreditation |
| Initiation of the Students' Satisfaction Survey (SSS). | Student feedback regarding the college's strengths and weaknesses as well as suggestions for improving the academic and administrative aspects of the organization will be helpful for taking further decisions. |
| Regular efforts to promote the hybrid (offline and online) form of instruction. | Maintenance of Covid 19 protocol in the campus with regular academic curricula. |

Action taken Report

1. The IQAC made sure that on-going work was required to advance the teaching-learning process. The pandemic lockdown situation persisted during this academic year through November 2021 and January 2022. According to the circumstances, the Jhargram Raj College IQAC has recommended that classes be conducted in a hybrid style, which includes both online and offline classes. During the on-going pandemic or even after the college opened, the IQAC encouraged one-on-one communication between the teachers and students while keeping in mind the students' mental health.
2. The IQAC also made note of the necessity of setting up sensitization programs for the students and teachers in accordance with the circumstance, including social distance, usage of sanitizers and masks, adherence to the COVID protocol, etc. Additionally, Board of Studies meetings for PG departments were held both online and offline. According to university guidelines, exams were administered, followed by offline and online evaluations. Departments were asked to maintain track of online classes and exams.
3. The IQAC took initiative to address the teachers' outstanding CAS and arrears. IQAC have motivated teachers to participate in different faculty improvement programmes.
4. Students' Satisfaction Survey (SSS) was organized for the first time by the IQAC of Jhargram Raj College during this year. To make the students conversant with the process, the faculty members took an active role to communicate with the students. The SSS for the year 2021-2022 was conducted via e-mail, and the IQAC has proposed to carry out an OTP based SSS from the next academic session.
5. Under the guidance of the IQAC, the departments of Physics and Zoology organized two summer school programs in the online mode during the lockdown period and involved eminent experts in the respective subjects to motivate the students.



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Implementation by college

Based on the feedback and its consequent analysis, IQAC suggested making the college functional in a mixed mode, at least for first several months. The IQAC ensured the need for continuous effort to carry forward the teaching-learning process. The IQAC promoted a one-to-one correspondence between the teachers and the students keeping in view the mental health of the students during the ongoing pandemic or even after opening of the college. As a part of this, a sensitization programme was organised for the students and teachers and non-teaching staffs to follow the covid protocol, social distance, use of sanitizers and masks etc.

1. Examinations were taken, followed by evaluation through online and offline following the directives of University and the departments were requested to keep records of online classes and examination.
2. Two summer school programmes were organized via online mode.
3. The PWD was asked to take necessary civil and electrical works to maintain the extant facilities and make them operational.
4. The procedure of screening/selection of four teachers has been processed. Three teachers have received their Govt. orders for promotions. Five teachers have participated in different induction programmes, refresher courses and other courses.
5. An air quality & Noise monitoring station with display board has been installed by West Bengal Pollution control Board on 27.08.2021.
6. Twenty webinars and three seminars were organized by the college. An IPR cell has been established to make the stakeholders sentient about the issue.



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PART – C: REPORT ON FDP AND OTHER PROGRAMMES ATTENDED BY THE FACULTY MEMBERS OF THE COLLEGE

✚ Five (5) faculty members participated in different FDPs during this session

| SL. NO. | NAME OF THE TEACHER | DEPARTMENT | PROGRAMME & HRDC/INSTITUTE | PERIOD (FROM - TO) |
|---------|----------------------|------------|---|-----------------------|
| 1 | Arabinda Samanta | Botany | 4 th . Faculty Induction Programme; UGC-HRDC, Pondicherry University | 04.08.2021-02.09.2021 |
| 2 | Dr. Ushasi Datta | Physics | Refresher Course in Advances in Nano-science & Nano-technology; UGC-HRDC, University of Burdwan | 26.11.2021-09.12.2021 |
| 3 | Dr. Krishnendu Sinha | Zoology | Refresher Course in Biotechnology & Bioinformatics; UGC-HRDC, NEHU, Shilong, Meghalaya | 23.08.2021-06.09.2021 |
| 4 | Oindrila Sen | History | Course in 18 Parvans of Mahabharata; Conducted jointly by Bhandarkar Oriental Research Institute and Nyansa | 01.07.2021-23.07.2021 |
| 5 | Dr. Debanjan Das | Sanskrit | Refresher Course in Changing Role of Use of ICT, Open Distance Learning, Open Source Resources and Online Support System in Higher Education and Research; UGC HRDC, University of North Bengal | 22.09.2021-07.10.2021 |



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PART – D: PUBLICATION BY FACULTIES

✚ Paper in reputed journals

| Sl No. | Title of paper | Name of the author/s | Department | Name of journal | Date of publication | ISSN number |
|--------|--|---|------------|--------------------------|---------------------|----------------------|
| 1 | 4-Chloro-3-formylcoumarin as a multifaceted building block for the development of various bio-active substituted and fused coumarin heterocycles: a brief review | Prasanta Patra | Chemistry | New Journal of Chemistry | 01-07-2021 | 1144-0546, 1369-9261 |
| 2 | Neat synthesis of isothiazole compounds, and studies on their synthetic applications and photophysical properties | Anirban Bera, Prasanta Patra, Abulkalam Azad, Sk Asraf Ali, Susanta Kumar Manna, Amit Saha and Shubhankar Samanta | Chemistry | New Journal of Chemistry | 12-05-2022 | 1369-9261 |

✚ Contribution in book chapters & Conference proceedings.

| Sl. No | Name of the teacher | Title of the book/chapters published | Title of the paper | Level | Date of publication | ISBN/ISSN number | Name of the publisher |
|--------|---------------------|--------------------------------------|-------------------------------|----------|---------------------|------------------------|-----------------------|
| 1 | Aditi Bera | LoksanskritirBibartan: Sekal Ekal | NartanarNandanay AranyerChhow | National | 19.07.2021 | ISBN:978-93-85454-40-0 | Ebong Prantik |



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PART – E: SEMINAR, WORKSHOP & SUMMER SCHOOL

✦ SEMINAR/WEBINAR

| Sl. No. | Title | Date | Attended & Organized by | Resource person |
|---------|---|----------------|-------------------------|--|
| 1 | Visions and Managements: There are more to the Pictures that Meet the Eyes & Microwave-Assisted Exploratory Synthesis of Medicinally Active Compounds | 02.06.20 21 | 92 Chemistry | Dr. Bimal Krishna Banik, Professor of Mathematics, PMBFU, Saudi Arabia |
| 2 | Graphene: Chemistry, Biology, Physics and Beyond | 21.06.20 21 | Chemistry | Dr. Nirmalya Ballav, Associate Professor, IISER, Pune |
| 3 | The Fascinating World of Crystal | 24.06.20 21 | Chemistry | Dr. Ahmed Hussain, Department of Chemistry, DAVU, Jalandhar Punjab |
| 4 | Concept of Chirality and Asymmetric Organocatalysis | 29.06.20 21 | Chemistry | Prof. Jayram Guin, School of Chemical Sciences, IACS, Kolkata |
| 5 | Recent Trend in Rare-Earth Doped Phosphor Materials | 01.07.20 21 | Chemistry | Dr. Pushpal Ghosh, School of Chemical Sciences & technology, HGU |
| 6 | Chemistry: The Science of Life | 09.07.20 21 | Chemistry | Dr. Dilip D. Dhavale, Professor of Chemistry, SPU, Pune |
| 7 | Cholesterol in Biology and Medicine: History, Myths and Excitement | 14.07.20 21 | Chemistry | Prof. Amitabha Chattopadhyay, SERB fellow, CCMB, Hyderabad |
| 8 | Khandavo Jotugriho: Duti Porikolpito Gonohoty | 19.06.20 21 | 125 History | Shri Debidas Acharyya, Journalist |
| 9 | Doing Local History | 07.10.20 21 | 71 | Student seminar, Dept. of History, JRC |
| 10 | Bapu-Subhash Samparko: Pita-Putro Naki Pratwidandi? Bangalir Gujober Rajnitir Koyek Doshok | 08.10.20 21 | 50 History | Shri debraj Ghatak, Project Fellow, Jadavpur University |
| 11 | SARS-CoV-2 Vaccines: Rapidly Developing Arsenal to neutralize the pandemic | 12.06.20 21 | 149 Zoology | Dr. Shantanbha Das, Assistant Professor of Zoology, DHWU, Diamond Harbour, WB |
| 12 | Genomics on SARS-CoV-2 | 15.06.20 21 | 173 Zoology | Prof. Saumitra Das, Director, National Institute of Biomedical Genomics, Kalyani |
| 13 | Role of Microbiome in Environmental Detoxification | 25.06.20 21 | 102 Zoology | Dr. Paltu Kumar Dhal, Assistant Professor, Jadavpur University |
| 14 | Zebrafish as a model organism in Biomedical research | 02.07.20 21 | 128 Zoology | Dr. Chinmoy Patra, Department of Developmental Biology, ARI, Pune |
| 15 | Advanced Neuroimaging Based Brain Research Holds the key for early diagnostic markers for brain disorders | 05.07.20 21 | 181 Zoology | Prof. Pravat Kumar Mondal, Director, NBRC, Gurugram, Haryana |
| 16 | Telomerase Reactivation | 08.07.20 21 | 165 Zoology | Prof. Shantanu Chowdhury, Institute of Genomics & Integrative Biology, New Delhi |
| 17 | Understanding the basics of making the other planets habitable for living organisms | 19.01.20 22 | Botany | Dr. Bertrand Goldman, Associate Professor, ISU, France Dr. Shreya Sarkar, Alumni, ISU, France |



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| Sl. No. | Title | Date | Attended & Organized by | Resource person |
|---------|--|------------|--------------------------------|---|
| 18 | A webinar on AIDS awareness | 21.01.2022 | NSS | Shri Abhijit Roy, counsellor, ICTC, Jhargram Super speciality Hospital |
| 19 | Enriching young aspiring minds through Swayam-NPTEL | 08.03.2022 | Zoology | Dr. Santanu Chakrabarti, Principal, GGDC, Singur |
| 20 | Covid-19 pandemic and its shadows: a journey in darkness | 08.03.2022 | Gender Sensitization Cell, JRC | Dr. Paromita Roy Deputy Director, JBNSTS |
| 21 | Intellectual Property Rights and IP Management for Start-ups and Entrepreneurs | 16.03.2022 | 62 IPR cell, JRC | Dr. Amiya Kumar Kalidaha, Senior Scientific Officer, DST-BT, WB |
| 22 | Lokosanskriti: Oral Creativity of Jungal Mahal | 12.04.2022 | 88 JRC | Dr. Lakhindar Paloi, Assistant Professor of History, Subarnarekha Mahavidyalay |
| 23 | Ethics in Practice | 20.04.2022 | 96 Philosophy | Dr. Soumita Choudhury, Asst. Prof. of Philosophy, JRC, Girls' wing Shri Aniruddha Chakraborty, Asst. Prof. of Philosophy, GGDC, Manbazar |



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Two (2) Summer School Programme were held in online mode in this session.

| Sl. No | Title | Organized by | Date | Number of participants | Resource persons |
|--------|--|--------------------------------|--|------------------------|--|
| 1 | ADVANCED STUDIES ON ZOOLOGY IN THE PERCEPTION OF CURRENT DEVELOPMENT | Department of Zoology (UG+PG), | 14.06.2021 to 24.06.2021 Excluding 15.06.2021 [10 days, 19 class session & 1 evaluation session] | 200 | 1. Dr. Krishna Gangopadhyay Assistant Professor, Netajinagar Day College, Kolkata 2. Prof. Subir Chandra Dasgupta Professor, Maulana Azad College, Kolkata 3. Shri Saikat Sarkar, Associate Professor, GGDC, Singur 4. Dr. Santanu Chakrabarti, Principal, GGDC, Singur 5. Dr. Subhamoy Das Associate Professor, Mahishadal Raj College, Purba Medinipur 6. Dr. Sankar Bakshi Associate Professor, Vidyasagar College for Women, Kolkata 7. Dr. Avinaba Mukherjee Assistant Professor, Charuchandra College, Kolkata 8. Dr. Subha Manna Associate Professor, Chandernagore Govt. College 9. Shri Subrato Ghosh Fishery Extension Officer, Directorate of Fisheries, Govt. of West Bengal 10. Dr. Sutapa Datta Assistant Professor, Bethune College, 11. Dr. Gautam Kundu Principal, Vidyasagar College, 12. Dr. Supriti Sarkar Associate Professor, City College, Kolkata 13. Dr. Saurabh Chakraborty Principal, GGDC, Mangalkote 14. Dr. Nabanita Ghosh Assistant Professor, Maulana Azad College, Kolkata 15. Dr. Deep Chandan Chakraborty Assistant Professor, Asutosh College Shri 16. Shri Debarshi Mondal Assistant Professor, GGDC, Keshiary 17. Dr. Suchandra Chowdhury Assistant Professor, Bethune College 18. Dr. Sudipta Kumar Ghorai Associate Professor, Egra, SSBC |



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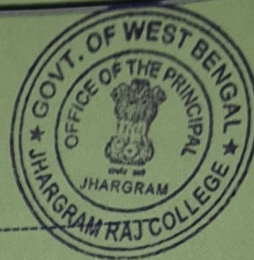
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| Sl. No | Title | Organized by | Date | Number of participants | Resource persons |
|--------|--|-----------------------|---|------------------------|--|
| 2 | RECENT ADVANCEMENT IN PHYSICS & BIOPHYSICS | Department of Physics | 12.07.2019 to 19.07.2019 [7 days, 7 lecture session 7 evaluation session] | 118 | 1. Dr. Radha Raman Pal, Professor, Department of Physics and Technophysics, Vidyasagar University 2. Dr. Abhijit Kar Gupta, Associate Professor, Department of Physics, Panskura Banamali College 3. Dr. Koushik Chakraborty, Assistant Professor, Department of Physics, Government College of Education, Burdwan 4. Dr. Aditya Bandopadhyay, Assistant Professor, Department of Mechanical Engineering, IIT Kharagpur, 5. Dr. Bappa Sona Kar Assistant Professor, Department of Physics, Panskura Banamali College 6. Dr. Tapanendu Kamilya Assistant Professor, Department of Physics, Narajole Raj College, Paschim Medinipur 7. Dr. Pradipta Panchadhyayee, Associate Professor, Department of Physics, Contai PK College |



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PART – F: MISCELLANEOUS

✦ THE UNIVERSITY & INTERNAL EXAMINATION

- ❖ The Semester II & Semester IV University Examinations for 2021 for Post Graduate courses were held in the online mode during August, 2021. There were 80 students in the final semester (Semester IV), & all of them passed with 100% success.
- ❖ The Semester I & Semester III University examination was held in February 2022, through online mode.
- ❖ The Final examination of under graduate courses for even semester (2021) was held in online. The Semester VI examination for 2021 was held in August, 2021. Among 682 students, 676 were succeeded. The Semester IV & semester II examinations were held in August-September 2021.
- ❖ The Final odd semester examination for UG Semester I, III & V (2021) were held in online mode in the year 2022 as per instructions of Vidyasagar University. The examinations started from 27th January, 2022 and ended on 25th March.
- ❖ Internal Examination was held for UG Semester I, III, and V from 17.01.2022 to 20.02.2022 and also from 24.02.2022 to 28.02.2022 and for VI semester from 23.05.2022 to 25.05.2022.

✦ ANNUAL ATHLETIC SPORTS

It was held on 19.03.2022 & 17.03. 2022.

✦ OTHERS ACTIVITY

- ❖ All the activities were done following Covid 19 protocol strictly after reopening of the college in two phases one from 16.11.2021 to 24.12.2021 and from 03.02.2022 onwards. The sanitization, cleaning of the campus and other activities were regular in college.
- ❖ As a part of student week observation, three webinars were organized for the students regarding their career in science, digital education via MOOCs, Students' scholarship & Kanyashree on 01.01.2022 & 02.02.2022.
- ❖ Flag hoisting ceremony was held on 26th January, 2022 on the occasion of Republic day at the college campus following Covid 19 protocol.
- ❖ The NSS unit, in collaboration with IQAC, JRC & Jhargram District Superspeciality hospital, organized a blood donation camp on 24.02.2022.
- ❖ A special awareness programme on Swachchata, was held on 08.03.2022, organized by NSS unit in collaboration with IQAC, JRC. On the same day, a webinar was organized by Gender Sensitization cell, JRC on the occasion of International women's day.
- ❖ An awareness programme on "Save Drive Save Life Awareness" was organized by IQAC on 25.03.2022.
- ❖ Five lectures were organized by department of English on 31.03.2022, 13.04.2022, 26.04.2022, & 05.05.2022 & 12.05.2022 as a part of Lecture Series "Episteme"

Principal

Jhargram Raj College
Principal
Jhargram Raj College

Coordinator, IQAC

Jhargram Raj College

Co-ordinator
Internal Quality Assurance Cell
Jhargram Raj College
Jhargram, West Bengal