

**JHARGRAM RAJ COLLEGE**  
(Government of West Bengal)



*Affiliated to Vidyasagar University*

**A DBT Star College**  
Jhargram, West Bengal 721507

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**INTERNAL QUALITY ASSURANCE CELL**  
**ANNUAL REPORT FOR THE SESSION 2020-2021**



## INTERNAL QUALITY ASSURANCE CELL

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JHARGRAM – 721507



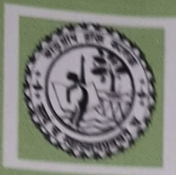
### ANNUAL REPORT ON THE QUALITY INITIATIVES UNDERTAKEN BY INTERNAL QUALITY ASSURANCE CELL (IQAC)

2020-2021

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### PART – A: IQAC MEETINGS

SL. NO.	DATE	TIME	Link for online meeting
1	30.06.2020	6.30PM	<a href="https://meet.google.com/rdc-aphy-crt">https://meet.google.com/rdc-aphy-crt</a>
2	01.08.2020	12 NOON	<a href="https://meet.google.com/sas-iiwa-qkc">https://meet.google.com/sas-iiwa-qkc</a>
3	06.09.2020	4 PM	<a href="https://meet.google.com/fyj-ggog-cjy">https://meet.google.com/fyj-ggog-cjy</a>
4	02.12.2020	10.30 AM	<a href="https://meet.google.com/jyq-hcyt-vaf">https://meet.google.com/jyq-hcyt-vaf</a>
5	13.03.2021	4.30 PM	<a href="https://meet.google.com/pwo-ujxt-ghk">https://meet.google.com/pwo-ujxt-ghk</a>
6	28.05.2021	12.30 PM	<a href="https://meet.google.com/bir-acco-trn">https://meet.google.com/bir-acco-trn</a>

Link in college website: [https://jrc.ac.in/iqac/working\\_folder/DOWNLOAD-G-0-1-664CF76EBE90F.pdf](https://jrc.ac.in/iqac/working_folder/DOWNLOAD-G-0-1-664CF76EBE90F.pdf)



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

Plan of Action	Achievement / Outcome
Conduction of classes & evaluation through online mode.	Despite the covid 19 pandemic situations, all the academic departments' activities like teaching learning, process of evaluation can be continued.
Motivation & counselling of students through online & personal contact as far as practicable.	Moral boost up of the students especially those residing in area having poor network and belong to low income families & not getting the facility of online classes due to lack of smart phone, internet facilities etc.
Production of hand sanitizers as a part of the extension activities & conducting workshop involving district administration & NGO aimed at community development & to train local people.	Partial fulfilment of community development to combat Covid 19 situation & ability to develop a source of income.
Maintaining academic and co-curricular activities alongside the regular classroom teaching.	Organization of webinars/online course & several important days can be observed through online mode
Engaging directly with college administration to work for the overall development of the college infrastructure and upgraded logistic support.	Several infrastructural works related to the maintenance and upgradation of the extant structures can be done in college buildings and hostels.



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### **Action taken**

Based on the feedback and its consequent analysis, it was felt that several issues needed attention in view of the extended lockdown and the immediate effects of college re-opening post lockdown. The IQAC suggested that during the time when the college operated on a mixed mode, a hygienic arrangement of food via the college canteen was made. In addition, sanitizer dispensing machines were installed in strategic locations of the college premises to ensure an overall well-being of the students and staff visiting the college. The PWD, under the suggestion of the college authority undertook necessary civil and electrical works to maintain the extant facilities and make them operational. The drinking water facilities were cleaned under the annual maintenance contract by the appropriate vendor. The laboratories of the Chemistry department were upgraded by installing a new LPG pipeline and the old dilapidated setup was written off. The IQAC ensured a dynamic website update in terms of the publication of notices, instructions and updates for the benefit of the student under lock down.

1. In view of the prevailing pandemic situation and also keeping in view the fact that the academic atmosphere of the college has to be preserved, the IQAC of Jhargram Raj College has suggested to continuously keep on conducting online classes using the available platforms like Google Classroom, Google Meet, Zoom etc., and ensured the need for continuous effort to carry forward the teaching-learning process.
2. The IQAC also pointed out the need to regularly conduct and organize webinars and training programs for the students and teachers during the pandemic situation. In addition, meetings of Board of Studies for PG departments were held in online mode. Examinations were taken, followed by evaluation through online and the departments were requested to keep records of online classes and examination.
3. The IQAC suggested that a teachers' training workshop be organized on the digital platform to help teachers cope up with the online teaching practices. A workshop aimed at training teachers has been organized by the college on 23rd and 24th August, 2020.
4. The IQAC suggested the college authority to procure its own Google suite license for having a better and more widespread connectivity and access for the digital platforms.
5. The IQAC motivated the NSS unit of the college and the Physics Alumni Association to come up with extension activities. As an extension activity aimed at community development, the IQAC, along with the Chemistry departments of the college, conducted the mass production of hand sanitizers in collaboration with the district administration of Jhargram and the local NGOs.
6. The IQAC strongly recommended the college to pray for administrative approval for providing sanitization program for the college periodically, for purchasing sanitizer sprayer machines, dispensers, thermal scanners, masks, gloves, etc. for current situation.
7. 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 pandemic situation.



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### Implementation by college

1. All the departments have organised lectures, workshops, webinars, training programs, etc. in collaboration with the IQAC, Jhargram Raj College during the period. More than 25 webinars were hosted during this period.
2. Motivated by IQAC, extension works were conducted. Almost 60 economically underprivileged Lodha and Shabar families have been provided with essential food items in Gira, Pukuria on 20/06/2020 by the Physics Alumni Association of Jhargram Raj College. Continuing the same in Bhalukhuliya, Kanko, Binpur, several tribal families were benefitted on 28/06/2020.
3. As per the suggestion made by the IQAC, the college authority has waived a sizeable portion of the examination fees for all the postgraduate students. The authority has also waived the fees of all applicants to the post graduate courses.
4. In response to the prayer made by the college to Government for sanitizing & purchase of relevant article to combat covid-19, an amount of RS. 99,709.00 (Ninety Nine Thousand, Seven Hundred and nine only) has been sanctioned from Assistant Secretary, and approved by Principal Secretary, HE Department, Govt. on West Bengal.
5. Sixteen (16) teachers have been encouraged to attend different FDP in online mode.



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

SL. NO.	NAME OF THE TEACHER	DEPARTMENT	PROGRAMME	PERIOD (FROM - TO)
1	Arabinda Samanta	Botany	UGC-HRDC Online Refresher Course in Life Sciences	05.10.2020 to 19.10.2020
2	Shri Abhoy De	Mathematics	Refresher Course in Environmental Science	09.02.21 to 22.02.21
3	Sanjib Kr Das	Zoology	UGC SPONSORED GURUDAKSHATA (1st Faculty Induction Programme); HRDC RANCHI UNIVERSITY	26/11/2020 TO 23/12/2020
4	Dr. Koushik Sen	Zoology	UGC SPONSORED GURUDAKSHATA (1st Faculty Induction Programme); HRDC RANCHI UNIVERSITY	26/11/2020 TO 23/12/2020
5	Shri Sourav Barai	Zoology	UGC SPONSORED GURUDAKSHATA (1st Faculty Induction Programme); HRDC RANCHI UNIVERSITY	26/11/2020 TO 23/12/2020
6	Md Shariful Islam	Zoology	Orientation Programme; Teaching Learning Center, Ramanujam College, University of Delhi	10.11.2020 to 09.11.2020
7	Brahma Chowdhury	Commerce	Refresher Course on Research Methodology for Faculty of Social Sciences organized by HRDC, University of Hyderabad	05.09.2020 to 19.08.2020
8	Dr. Satyajit Ghorai	Commerce	UGC Sponsored Refresher Course in Business Studies organized by HRDC, University of Calcutta	12.03.2020 to 25.03.2021
9	Dr. ANSUMAN BEJ	Chemistry	Swyam Arpit Online Refresher Course In Chemistry For Higher Education;	01.12.2020 to 31.03.2021
10	Dr Prasanta Patra	CHEMISTRY	Swyam Arpit Online Refresher Course In Chemistry For Higher Education;	01.12.2020 to 31.03.2021
11	Dr. Tarun Mistry	Chemistry	Swyam Arpit Online Refresher Course In Chemistry For Higher Education;	01.12.2020 to 31.03.2021
12	Sanchayita Adikari	Chemistry	2nd FIP; HRDC, Ranchi University	04.01.21 to 31.01.2021
13	Poulomi Chakraborty	Phylosophy	Refresher Couse in " Women's Studies and Gender Sensitization	18.09.2020 to 01.10.2020
14	Mr. Utsav Roy	Phylosophy	Refresher Couse in " Women's And Gender Sensetization	18.09.2020 to 01.10.2020
15	Sujan Pramanik	Phylosophy	Refresher Couse in " Women's And Gender Sensetization	18.09.2020 to 01.10.2020
16	Rajesh Kr. Pandey	History	Introduction to Indian heritage	19.04.2021 to 25.05.2021



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### PART – D: PUBLICATION BY FACULTIES

✚ Three (3) full time faculties have published their papers in five (5) journals.

Sl No.	Title of paper	Name of the author/s	Department	Name of journal	Date of publication	ISSN number
1	The Synthesis, biological evaluation, and fluorescence study of chromeno[4,3-b]pyridin/ quinolin-one derivatives a backbone of natural product polyneomarine C scaffolds : a brief review	<b>Prasanta Patra, Gandhi. K. Kar</b>	Chemistry	New Journal of Chemistry	07-01-2021	Print ISSN: 0030-4948, Online ISSN: 1945-5453
2	Diverse synthesis of pyrrolo/indolo [3, 2-c] coumarins an isolamellarin-A scaffolds: a brief update	<b>K. Samanta, P. Patra, G.K. Kar, S. K. Dinda, D. S. Mahanty</b>	Chemistry	New Journal of Chemistry	23-03-2021	Print ISSN: 0030-4948, Online ISSN: 1945-5453
3	Solvent- and catalyst-free synthesis of 6H-chromeno[4,3-b]quinolin-6-ones	<b>Prasanta Patra</b>	Chemistry	Organic Preparations and Procedures International	09-03-2021	
4	Structural Studies of Immunomodulatory (1-3), (1-4)-alfa-glucan from an edible mushrooms Polyporusgrammocephalus.	<b>S. K. Bhanja, S. Patra, P. Maity, I. Chakraborty, D. Rout</b>	Chemistry	International Journal of Biological Macromolecules	17-11-2020	0141-8130
5	Gokshur Bhakta: taskarerjibonthekeuttoroner ek loraiyernam	<b>Baishakhi Kundu</b>	Bengali	Tabu Ekalabya	23-09-2020	0976-9463

✚ Four (4) faculties have contributed in book chapters& Conference proceedings.

Serial Number	Title/Publisher/Organizer	Name of the author/s	Department	Year /Date of publication	ISBN number
1	Bangla chhotogolpo: kalerbrittee	<b>Dr.Dipankar Mondal</b>	Bengali	2020	978-81-8064-302-6
2	Covid-19 Pandemic: The world and India	<b>Sreejit Ghosh</b>	Physiology	November, 2020	ISBN 978-81-949068-0-3
3	Emerging Issues in Banking, Insurance and Financial Services edited by Lama and Chaudhuri	<b>Brahma Chaudhuri and Dr. Satyajit Ghorai</b>	Commerce	26th January, 2021	ISBN: 978-83-90728-02-2
4	Segment Reporting Practices under IFRSs	<b>Satyajit Ghorai</b>	Commerce	October, 2020	ISBN: 978-81-942875- 8-2
5	Financial Inclusion in India with Special Reference to Indian Post; New Horizon of Commerce and Management; Publisher- PAIOLCK	<b>Satyajit Ghorai</b>	Commerce	August, 2020	ISBN: 978-81-946476-2-1





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### PART – E: SEMINAR, WORKSHOP & OTHER ACTIVITIES

The college has organized following webinars/workshop through online mode in this session.

Sl No.	Title	Date	Attended No.	Resource person
1	"রবীন্দ্রনাথের থিয়েটার ও সংগীতেন্দন ভাবনা" (Rabindranath Theatre & Sangeet Nandanabna)	10-08-2020	280	Dr. Malay Rakshit, Associate Professor, Burdwan University Manab Bandyopadhyay, Researcher
2	Relevance of Massive Open Online Courses (Moocs) in the time of Pandemic	12-08-2020	208	Dr. Sibsankar Das, network Engineer Dr. Aditya Bandyopadhyay, Assistant Professor IIT Kharagpur
3	How to organize webinars and classes on digital platform	23-08-2020, 24-08-2020	212	Dr. Krishnendu Sinha, Assistant Professor, JRC
4	Undergraduate Text Of Mathematics: Future Prospects And Opportunities	25-08-2020	129	Dr. Joydip Saha, ISI, Kolkata Dr. Subhabrata Das, Presidency University
5	"Covid 19 and Students' wellbeing"	28-08-2020	198	Dr. Subir Dasgupta, Maulana Azad College, Kolkata
6	Innovative Teaching Learning Strategy for Modern Pedagogy	29-08-2020	117	Dr. Anirban Mukherjee, Dr. P Bhowmik, IIT Kharagpur
7	Python in Biology: A brief orientation for absolute beginner	07-09-2020	216	Dr. Krishnendu Sinha, Assistant Professor, JRC
8	Role of Health Care Ethics in Human Life	08-09-2020	127	Dr. Santosh Kumar Pal, Professor of Philosophy, Burdwan University Dr. Ratna Dutta Sharma, former Professor, Jadavpur University Dr. Sanjay Kumar, Assistant Professor of Philosophy, Singbhum College
9	Eradicate cancer & Healthy Lifestyle!	09-09-2020		Jasmine Khatoun Senior Counsellor, Sanjeevani, LBC, Kolkata
10	An Overview of Experimental Physics & its Application	12-09-2020	120	Dr. Chandrakanta Kumar
11	Google Site: A Brief Introduction	15.09.2020	96	Shri Sayantan Roy, Assistant Professor of Mathematics, JRC
12	Python in biology: An Introductory Programming course for complete beginners	19.09.2020 to 11.10.2020 (two days a week)		Dr. Krishnendu Sinha, Assistant Professor, JRC
13	Career Prospects with Degree Physics	20-09-2020	136	Dr. Anjan Kr. Chaki Dr. Santanu Dhar, OIC, GGDC<Salboni
14	Cytokine storm: body's own immune system leads to covid -19 deaths	23-09-2020	201	Dr. Santanu Chakrabarti, Principal, GGDC, Singur
15	Beginners' Bioinformatics	24-09-2020	162	Dr. Arnab Sen, Professor of Botany, NBU
16	Maths Is Not To Be Accepted : It Is To Be Understood	25-09-2020	148	Priya Asthana, Foundr & CEO Maths2, Singapore
17	Learning Chemistry During CoVID-19	30-09-2020, 01-10-2020	102, 113	Dr. Arnaba Dutta, Assistant Professor of Chemistry, IIT, Mumbai Dr. Ajit Kr. Mahapatra, Professor of Chemistry, IEST, Howrah Dr. Ashis Kumar Nag, Associate Professor of Chemistry, St. Xaviers College, Kolkata

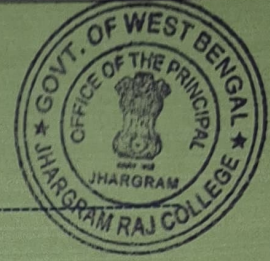
18	Bio-Energy & Energy Conservation	02-10-2020	136	Dr. Manojit Debnath, Panskura Banamali College Dr. Shovan Mandal, TERI, Nanobiotechnology Centre, Gurugram Dr. Tanmay Chakraborty, Techno India
19	SNARE Regulates Exocytosis & Autophagy in Pancreas: Implications in Diabetes & Pancreatitis	09-10-2020	186	Dr. Subhankar Dolai, post-doctoral Researcher, University of Toronto, Canada
20	Health and wellbeing of new normal life: ergonomic perspective	10-10-2020		Dr. Subhashis Sahu, Associate Prof. & Head, Department of Physiology University of Kalyani
21	Glorious Past - Exciting Present and Encouraging Future of Chemical Biology Research in India: From Basic Science to Translational Research	15-10-2020		Dr. Debiprasad Sarkar JC Bose National Fellow, Department of Biochemistry University of Delhi, South Campus
22	Environmental Sustainability through Green Technology : Present & Future	17-10-2020	152	Dr. Goutam Kumar Dalapati, Associate Professor, SRM University-AP Dr. Shantanu Bhowmik, Professor, Aerospace Engineering, School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore
23	Cell competition: from fruit-fly wing development to mammalian liver regeneration	10-11-2020	159	Dr. Jayanta Roy Chowdhury, Professor, Department of medicine and genetics, Albert Einstein college of medicine, New York, USA
24	Introduction to Ophiology	21.11.2020 to 13.12.2020 (two days a week)	242	Saikat Sarkar, Associate Professor of Physics, GGDC, Singur
25	Mystery of Dark in Universe, Gravitational Wave and Stellar Magnetic Field	24-11-2020, 25-11-2020		Dr. Supratik Pal, Associate Professor, ISI, Kolkata Dr. Soumitra Hazra, Scientist, CEA Saclay, Paris, France Dr. Nandan Roy, Lecturer, IFS, Thailand Dr. Soumen Mondal, Assistant Professor of Physics, Jadavpur University

- ✦ Department of Zoology, Jhargram Raj College and Garhbeta College jointly organized lecture series. Total 5 lectures were arranged from 23.09.2020 to 10.11.2020. All were organized through online mode. One lecture was organized with joint collaboration with Sanjeevani, Life beyond the cancer, Kolkata. A large number of webinars was organized under DBT- star college scheme.
- ✦ Two value added courses were organized by Department of Zoology, via online platform.



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### PART – F: MISCELLANEOUS

#### ✦ THE UNIVERSITY & INTERNAL EXAMINATION

- ❖ Due to the pandemic situation, and a continuous lockdown throughout the country, the University Examinations were held in the online mode. The college conducted the examinations in adherence to the examination guidelines laid down by Vidyasagar University. The examinations and the evaluations for Undergraduate and Postgraduate courses were held in the online mode. Both patterns of the curricula, namely, the CBCS system (for Honours students of Science Departments and all the Post Graduate Departments) as well as Annual system (for students pursuing Humanities and Commerce, and those students of science departments slated to clear their backlogs). This was the first batch for the CBCS system, as it was implemented since 2017-18 in the undergraduate level. The first final examination was held in October, 2020. A total 606 students were appeared in the final Examination (533 UG students and 73 PG students) and the pass percentage was 100%. The University examination for intermediate semester was held in April 2021 in the online mode. The final semester examination for 2021 is yet to be held.
- ❖ Internal Examination was held for UG Semester I, III, and V from 25.03.2021 to 01.04.2021 via online mode.

#### ✦ OTHERS ACTIVITY

- ❖ The year of 2020-2021 was challenging in regard to sustaining the quality development efforts.
- ❖ The process of promotion of the teachers through the Career Advancement Scheme (CAS) could not be successfully accomplished for the lockdown. Additionally, the Directorate and the Department of Higher Education had to operate with below the optimum number of staff and had to stretch the administrative processes. However, the process of documentation related to the CAS-based promotion was carried out throughout the year.
- ❖ It was not possible to organize annual sports.
- ❖ Some mandatory activities like distribution of admit cards & mark sheet were done following Covid 19 protocol strictly.
- ❖ An “Intra College Online Paragraph Writing Competition on Vector Borne Disease” on the topic ‘Dengue Awareness have been organized by the NSS Units of Jhargram Raj College from 20<sup>th</sup> to 23<sup>rd</sup> August, 2020.
- ❖ Flag hoisting ceremony was held on 26<sup>th</sup> January, 2021 on the occasion of Republic day at the college campus following Covid 19 protocol.

Principal

Jhargram Raj College  
Principal  
Jhargram Raj College

Rahul Kumar Datta  
Coordinator, IQAC

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