



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



*Affiliated to Vidyasagar University*

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

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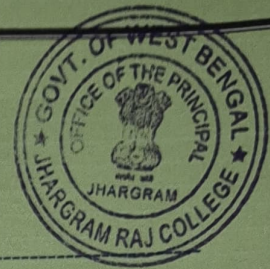
**Website:** <https://jrc.ac.in>

INTERNAL QUALITY ASSURANCE CELL  
ANNUAL REPORT FOR THE SESSION 2019-2020



INTERNAL QUALITY ASSURANCE CELL

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ANNUAL REPORT ON THE QUALITY INITIATIVES UNDERTAKEN BY  
INTERNAL QUALITY ASSURANCE CELL (IQAC)  
2019-2020

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**PART – A: IQAC MEETINGS**

<b>SL. NO.</b>	<b>DATE</b>	<b>TIME</b>
1.	25.06.2019	12 NOON
2.	26.11.2019	12 NOON
3.	05.03.2020	12 NOON

Link in college website: [https://jrc.ac.in/iqac/working\\_folder/DOWNLOAD-G-0-1-664CF5E8D584E.pdf](https://jrc.ac.in/iqac/working_folder/DOWNLOAD-G-0-1-664CF5E8D584E.pdf)



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

Plan of Action	Outcome
Encouraging & rousing well planned academic curricula through various committee or involving members themselves in preparing & implementing academic calendar, routine, continuous evaluation, academic audit.	Sustenance & maintenance of academic environment & quality.
Proposal of improved college infrastructure through direct proposal to Government with special reference to central computer laboratory, smart class room & media centre.	Shortcomings of infrastructure may be reduced through improved ICT-infrastructure facility like upgraded central computer laboratory, commissioning of smart classrooms, wi-fi campus, power back up system, development of a media centre as a central facility, and also purchasing instruments, chemicals for laboratory-based subjects, books, furniture.
Emphasis on community & extension work with reference to highlight the local culture	1. Benefit of underprivileged local community, including health awareness & preventive health check-up of children of underprivileged community. 2. Initiative of the college for highlighting & showcasing the folk culture through a museum and other relevant activities. 3. Adoption of more villages.
Initiative of NAAC accreditation	Preparation & uploading of IIQA, SSR
Encouraging teachers for their upliftment of academic & administrative practises & financial support	Encouragement of participation in different FDP, invited lectures, paper presentation, promotion through career advancement scheme (CAS).
Organization of workshop & seminar	Exploration of a specific topic, transfer knowledge from renowned academicians, Improved ability of students to solve identified problems.



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### Action taken

1. The IQAC is keen on tapping sources of alternative energies. IQAC proposed to install a Solar PV Plant in the college. A formal letter of agreement was signed between the College and the WBSEDCL on 04/02/2020 for the installation of a Solar Photovoltaic Power source within the college premises.
2. A complete student management system has been operational from this academic session. The entire admission process had been carried out through this system and the complete database of students was created.
3. IQAC urged for submission of student feedback by 17<sup>th</sup> November, 2019 (circulated through Office circular on 24<sup>th</sup> September, 2019). A test was organised (CET 2019) to distinguish between slow & advanced learners on 19.09.2019 for the 1<sup>st</sup> semester students.
4. IQAC urged for improvement of library like identification of rare books & manuscripts, management of usage of library resources, enhancement of reading room facilities. A circular in this regard was issued by the college on 26.09.2019.
5. In continuation of the extension activities, the teachers, students and alumnae of Jhargram Raj College were involved in various community works to uplift the condition of tribal people surrounding the College. One of the underprivileged tribal villages, Shushnigeria, situated about 6 km away from Jhargram Raj College was chosen as a domain for such work in the last session. In this session, 20 Lodha families that comprise of around 50 children from Katabari locality of Jhargram got benefitted from the program.
6. The IQAC undertook efforts for the career advancement of teachers of the college through the Career Advancement Scheme (CAS). IQAC processed applications for promotions under CAS. Four (4) teachers already received Orders for promotion in the last year from Higher Education Department.
7. Six (4) seminars (National, state & regional level) and workshops were conducted by IQAC. One with joint collaboration with Jhargram Raj College Physics Alumni Association. A two day workshop was held on Linear algebra & calculus by Madhava Mathematics workshop, sponsored by NBHM (200 participants). IQAC also organized two more workshops on career counselling for students on 08.01.2020 & CAS for teachers on 20.02.2020. Shri Sourabh Mukhopadhyay, Assistant Coordinator, IQAC & Associate Professor of Physics, Jhargram Raj college delivered his lecture in the latter.
8. The IQAC was planning to upload SSR within March 2020, but due to certain lock down, from 15.03.2020, (after announcement of Government of west Bengal regarding closure of School, colleges & Universities) the process was not completed.



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### Implementation by college

1. A formal letter of agreement was signed between the College and the WBSEDCL on 04/02/2020 for the installation of a Solar Photovoltaic Power source within the college premises.
2. Purchase of sufficient computers, printer and photocopier machines from GEM utilizing Government & DBT star college grant.
3. Rejuvenation of central computer laboratory with 22 new computers (PC), along with LAN & internet.
4. The college auditorium (P. K. Sen Seminar Room) has been transformed into a central media centre.
5. Smart classrooms were commissioned in several departments of the college. All peripherals associated with the setup were provided.
6. Rational distribution of different funds was done in a meeting on 04.06.2019 with for optimum utilisation of the same.
7. As a part of the Community development Programme under the Pabitra Kumar Sen Memorial Forum for Community Work, a group of students and teachers from Jhargram Raj College undertook a multitude of community upliftment works in tribal populated villages adjacent to the college. In Sushnigeria village, 60 sarees were distributed among villagers. Abhijit Roy, Counsellor, ICTC, Link Art, Jhargram District Hospital, discussed the various aspects of general health and hygiene for the women.
8. Six faculties were encouraged to participate in various Faculty Development Programmes.
9. ICC was formed on 10.07.2019.
10. Dr. Subha Manna was selected as new TCS during the TC meeting held on 25.07.2019.
11. A meeting was done for webpage on 19.09 2019 to discuss about the layout of college website.
12. Outreach programmes were organised under DBT star college scheme by beneficiary departments.



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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	DESIGNATION	PROGRAMME	PERIOD (FROM - TO)
1.	SHRI SAYANTAN ROY	ASSISTANT PROFESSOR OF MATHEMATICS	REFRESHER COURSE	01/08/2019-14/08/2019 [14 days]
2.	SMT. GIRIJA BASU	ASSISTANT PROFESSOR OF PHYSICAL EDUCATION	SHORT TERM COURSE ON GENDER AND SOCIETY	19/09/2019-25/09/2019 [7days]
3.	SHRI SOUVICK BISWAS	ASSISTANT PROFESSOR OF SANSKRIT	REFRESHER COURSE	12/11/2019-25/11/2019 [14 days]
4.	SMT. BAISAKHI KUNDU	ASSISTANT PROFESSOR OF BENGALI	REFRESHER COURSE	18.11.2019-30.11.2019 [13 DAYS]
5.	SMT. OINDRILA SEN	ASSISTANT PROFESSOR OF HISTORY	SWAYAM ARPIT ONLINE COURSE CERTIFICATION	01.09.2019 – 16.02.2020 [6 months]
6.	DR. KRISHNENDU SINHA	ASSISTANT PROFESSOR OF ZOOLOGY	REFRESHER COURSE	09/12/2019-21/12/2019 [13 days]



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**PART – D: PUBLICATION BY FACULTIES**

✦ Eight (8) full time faculties have published their papers in nine (9) journals.

Sl No	Title of paper	Name of the author/s	Department	Name of journal	Year of publication	ISSN number
1	<b>A Concise Review on Pyridocoumarin/Azacoumarin Derivatives: Synthesis and Biological Activity</b>	Prasanta Patra	Chemistry	Chemistry Select	2019	online:2365-6549; print:2365-6549
2	<b>Defects in Lithium niobate and its optical properties</b>	Tapas Ghosh	Physics	IJRAR	2019	2348-1269
3	<b>Is Dengue A Sex Dependent disease</b>	Nivedita Bhattacharya	Physiology	World Journal of Pharmaceuticals and Life Sciences	2019	2454-2229
4	<b>Sulphur dioxide ameliorates colitis related pathophysiology and inflammation</b>	Krishnendu Sinha	Zoology	Toxicology	2019	Online ISSN: 1879-3185 Print ISSN: 0300-483X
5	<b>Bioactive polysaccharides from natural sources: A review on the antitumor and immunomodulating activities</b>	Dilip Rout	Chemistry	Biocatalysis and Agricultural Biotechnology	2019	1878-8181
6	<b>Solar Cell: A brief review on its journey from amorphous to perovskite</b>	Ushasi Dutta	Physics	International Journal of Integrated Research And Development	2019	2278-8670
7	<b>Competing Orders In An Extended Falicov-Kimball Model</b>	Subhasree Pradhan	Physics	European Journal of Physics B	2019	2190-5444
8	<b>Lupeol alters viability of SK-RC-45 (Renal cell carcinoma cell line) bymodulating its mitochondrial dynamics</b>	Krishnendu Sinha	Zoology	Heliyon	2019	Online ISSN: 2405-8440
9	<b>“Structural properties and isomerization of simple S-nitrosothiols: Ab initio studies with a simplified treatment of correlation effects”</b>	Pradipta Ghosh	Chemistry	Mol. Phys.	2019	Online:1362-3028; Print:0026-8976





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Seven(7) faculties have contributed in book chapters & Conference proceedings.

Serial Number	Title/Publisher/Organizer	Name of the author/s	Department	Year of publication	ISBN number
1	मार्कण्डेयचण्डी: अद्वैतवेदान्तदर्शनरतञ्जाश्वेयीएकटिपर्यालोच ना, Published by: पश्चिमवङ्गआञ्चलिकइतिहासओलोकसङ्कृति चर्चाकेन्द्र	Souvik Biswas	Sanskrit	2019	ISBN: 978-93-88207-409
2	A Comprehensive Study on Butterflies of Jhargram, LAP Lambert Academic Publishing	Dr. Debnarayan Roy	Zoology	2019	ISBN: 978-620-0-09160-4
3	Common Birds of Jhargram District, LAP Lambert Academic Publishing	Dr. Debnarayan Roy	Zoology	2020	ISBN: 978-620-0-28810-3
4	Environmental Accounting In India: A Journey towards Sustainable Development; Contemporary Issues in Accounting, Finance & Management; Publisher-Rohini Nandan	Dr. Satyajit Ghorai	Commerce	2020	ISBN: 978-93-88866-36-1
5	Financial Inclusion in India with Special Reference to Indian Post; New Horizon of Commerce and Management; Publisher-PAIOLCK	Dr. Satyajit Ghorai	Commerce	2019	ISBN 978-93-88207-36-2 (paper back) 978-93-88207-37-9 (e-book)
6	Mobilization of Fund in Primary Securities Market in India Through Initial Public Offer; Contemporary Issues in Accounting, Finance & Management; Publisher-Rohini Nandan	Priya Tamang	Commerce	2020	ISBN 978-93-88866-36-1
7	Name of the book : Unish Shatak samaj O Sahitya Charcha/ Title : Bangla Upanyasher Janmo Logno Kotha	Dr. Dipankar Mondal	Bengali	2019	ISBN- 978-93-88857-18-5
8	Name of the book: <u>ভাঙদেশঃটুকরোকথা</u> / Title: <u>দেশেরখোঁজে: দেশভাগ, যন্ত্রণাওআরওকিছুনাবলাকথা</u>	Oindrila Sen	History	2019	ISBN 978-93-82549-70-3
9	Name of the book: Reappraising the Partition of India/ Title: Caste and Childhood in Post-colonial West Bengal	Susen Gangopadhyay	History	2019	ISBN-978-93-82623-89-2



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

The college has organized total six seminars, three workshops and one students' seminar during this academic session.

Sl No.	Title	Date	Nature	Resource person	Organized by, Number of participants
1	Contemporary Physical Science	01.08.2019	National Seminar	Dr. Biswajit Karmakar, PRL, Ahmedabad Dr. Himdri Sekhar Mondal, Assistant Professor, Midnapore College	JRC PAA
2	Lokosanskriti: Tupuchauli and Tukuilutur Two social rituals of Munda Community	14.08.2019	Regional level seminar	Sri Susil Kumar Barman (W.B.E.S.) Officer-in-Charge, Jhargram Raj College (Girls' Wing), Jhargram – 721 507	JRC 82
3	Bicentenary celebration of Pandit iswarchandra Vidyasagar	26.09.2019	Regional level seminar	1. Dr. Uday Chund Das, professor of Bengali, Burdwan University 2. Dr. Khokankumar Bag, Associate Professor of Bengali, Presidency University, Kolkata	JRC, venue was JRC Girls;' wing
4	NBHM Sponsored Two Days Madhava Mathematics Workshop on Linear Algebra and Calculus	21.11.2019 & 22.11.2019	Workshop	1. Md Rabiul Islam, Assistant Professor, St. Xaviers College, Kolkata (Autonomous) 2. Dr. Shubhabrata Das, Assistant Professor, Presidency University, Kolkata	Dept. of Mathematics 200
5	Commerce and Economics in Everyday Life	27.11.2019	State level Seminar	1. Dr. Atreyee Pal, Assistant Professor, Department of Commerce, University of Kalyani 2. Prof. Pema Lama, Assistant Professor, Department of Commerce, University of Calcutta	Dept. of Commerce and Dept. of Economics, JRC 50
6	Extension Lecture on Religion and Politics in Gandhian Thought	28.11.2019	Departmental Seminar	Shri Rajkumar Chakraborty, Associate Professor of History, GGDC, Gopiballavpur II	Dept. of History 107
7	Alamkarshastree Shadbatattvam Abhinayattvam	10.12.2019	State level Seminar	Dr. Pratim Chakraborty, Assistant Professor of Keshpur College	Dept. of Sanskrit
8	Students' Seminar on Religion and Culture of Ancient & Medieval India	13.12.2019	Student seminar	Shri Avijit Roy, ICDC, Jhargram Super Speciality Hospital	112
9	Computation in Chemistry & Biology	03.03.2020	Workshop	Dr. Subhra Ghosh Dastidar & Dr. Sudipta Saha, Bose Institute, Kolkata	
10	Bioinformatics Programming for Absolute Beginners	05.03.2020 , 06.03.2020	Workshop	Dr. Abhijit Datta, Associate Professor of Botany, JRC Dr. Abhijit Das, Associate Professor, RCC Institute, Kolkata	35

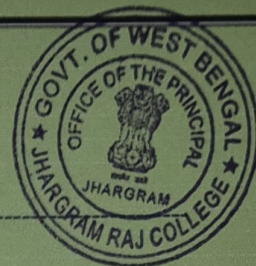
✦ Department of English organized one paper presentation programmes by students, on 27.11.2019.

✦ A series of lecture was organized by various Departments including those under DBT star scheme.



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### PART – F: MISCELLANEOUS

#### ✦ STUDENT ACHIVEMENT

- Our student Bapi Mahata and Prasenjit Khatua secured 2<sup>nd</sup> position in 10000 meter run and Prasenjit Khatua secured 2<sup>nd</sup> position 200meter run & 3<sup>rd</sup> position in 100 meter run in sports organized by Vidyasgar university.
- Moumita Mahata won 3<sup>rd</sup> prize in state level quiz competition.
- In state level cultural meet, the college team secured 1<sup>st</sup> position and three (30 students won merit prizes.

#### ✦ PROMOTION OF TEACHERS

- **Two** (2) teachers who have been promoted through CAS during this year. The college congratulates them. They are Dr. Sourabh Muhopadhyay (Associate Porfessor) and Smt. Girija Basu (Assistant Professor Stage 3).

#### ✦ THE UNIVERSITY&INTERNAL EXAMINATION

- The B.A./B.Sc./B. Com. Part II 2019 under Vidyasagar University were held during 17.06.2019 to 21.06.2019 (theoretical part).
- The B.A./B.Sc./B.Com. Semester IV examination was held on 24.06.2019 to 28.06.2019 and Semester II was held in 01.07.2019 to 16.07.2019.
- Due to Covid pandemic, even Semester examination for B.A./B.Sc./B.Com was not held.
- Internal Examination was held for UG Semester I & III from 13.11.2019 to 19.11.2019.

#### ✦ THE ANNUAL SPORTS

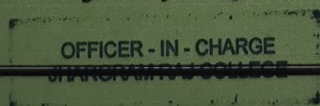
- The annual sports were conducted this year during 26<sup>th</sup> & 27<sup>th</sup> November, 2019.
- A badminton tournament was held by the college on 6<sup>th</sup> & 7<sup>th</sup> February, 2020.

#### ✦ OTHERS ACTIVITY

- Aranya Saptaha was observed under initiation of NSS.
- A cultural programme before Puja vacation was held on 27.09.2019.
- Worlds AIDS day was commemorated on 01.12.2019.
- A cine-club was formed on 17.12.2020. The club was for arranging film shows related not only to academic curricula but also alerts stakeholders on human right, environment, sexual harassment, gender sensitization etc.
- College felicitated Shri Nalini Bera, distinguished alumnus, recipient of Ananda Puraskar & Bankim Chandra Smriti Puarskar on 19.12.2019.

Principal

Jhargram Raj College



Coordinator, IQAC

Jhargram Raj College

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