

JHARGRAM RAJ COLLEGE

(Government of West Bengal)



Affiliated to Vidyasagar University

A DBT Star College
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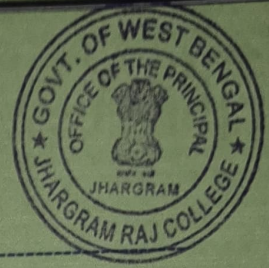
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INTERNAL QUALITY ASSURANCE CELL
ANNUAL REPORT FOR THE SESSION 2022 - 2023



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JHARGRAM RAJ COLLEGE
JHARGRAM – 721507



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

2022-2023

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PART – A: IQAC MEETINGS

SL. NO.	DATE	DAY	TIME
1.	09.06.2022	THURSDAY	02:00 P.M. PRINCIPAL CHAMBER
2.	13.07.2022	WEDNESDAY	03:30 P.M. PRINCIPAL CHAMBER
3.	02.08.2022	TUESDAY	03:00 P.M. PRINCIPAL CHAMBER
4.	22.11.2022	TUESDAY	02:00 P.M. PRINCIPAL CHAMBER
5.	28.02.2023	TUESDAY	12:00 NOON PRINCIPAL CHAMBER

Link in college website: https://jrc.ac.in/iqac/working_folder/DOWNLOAD-G-0-1-65F04626233A6.pdf



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

Plan of Action	Outcome
Proposal for initiating value-added courses	A total of six value-added courses were offered during the session, one each from Botany, Chemistry, Commerce, History, Philosophy and Zoology departments. Encouraging response from students observed.
Community related works and upholding the social commitment of the institution.	Faculty members and the students participated in several programs related to community services under the hood of Pabitra Kumar Sen Memorial Forum for Community Work. Five such programs were organized (on 21/09/2022, 24/11/2022, 15/12/2022, 23/02/2023 and 05/04/2023) during the current session. Training the local populace in Mushroom Culture was also undertaken during this session.
Career advancement of teachers via the Career Advancement Scheme (CAS) & advising the teachers to engage themselves in faculty development initiatives.	Proposals for career advancement of 23 teachers of the college were sent, in three phases during this session, to the Dept. of Higher Education, Govt. of WB for CAS based promotion. 12 teachers have participated in various FDPs.
Maintaining academic and co-curricular activities alongside the regular classroom teaching.	Seminars/webinars were organized via direct departmental participation as well as through the alumni engagement (Physics Alumni). Several important days were commemorated and celebrated throughout the year (International Women's Day, International Mother Tongue Day, National AIDS Day, Foundation Day, etc.) under the guidance of the IQAC.
Monitoring and motivating the progress of the DBT Star College Scheme.	Jhargram Raj College has been awarded the DBT Star Status vide an e-mail from Dr. Garima Gupta, dated 14/10/2022.
Engaging directly with college administration to work for the overall development of the college infra and provide upgraded logistic support.	Several infrastructural works related to the maintenance and upgradation of the extant structures done in college buildings and hostels. Furniture was upgraded, and electrical installations were overhauled. AMCs for purified drinking water facilities in the college as well as the hostels were done.



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Action taken Report

1. The IQAC took initiative to start the value-added courses in the college during the academic session 2022-2023. A total of **six (6)** value-added courses have been floated in this academic session and the IQAC has proposed to increase the number of these courses. The response from the students in these courses has been found to be quite encouraging.
2. The regular academic activities like preparation, publication & implementation of Academic Calendar, Continuous Evaluation process including Internal Examination, regular meeting of BOS with external & internal members of Post graduate Departments, internal Academic Audit have been carried out by the college and IQAC has played an important role in this area to ensure and improvising the quality of education of the college.
3. As a part of the teaching-learning process, the IQAC motivated the academic departments to organize seminars/webinars via direct departmental participation as well as through the alumni engagement. As per recommendation & initiatives of IQAC, the college has organized **eight (8)** seminars including three webinars.
4. Feedback are taken from the teachers & students of the institution and analysed accordingly. Student Satisfactory Survey was also done. As per recommendation of IQAC, various departments of the college initiated special classes for competition examination including JAM, NET, GATE, SET etc. with the students along with career counselling. A year wise class schedule has been floated in the college website also. A webinar on career awareness was arranged jointly by IQAC, JRC and JRC PAA on 22.10.2022.
5. As a part of continuous engagement with the society and the related outreach activities, the IQAC continued its efforts, via the Pabitra Kumar Sen Memorial Forum for Community Work. A total of **five (5)** such programs were organized during the current session.
6. Green & Environmental Audit as well as Energy Audit has been carried out. IQAC suggested the college authority accordingly to take necessary measures about the recommendations mentioned in the audit.
7. The IQAC also actively engaged itself in commemorating and celebrating different occasions throughout the year (International Women's Day, International Mother Language Day, National AIDS Day, Foundation Day, etc.). As one of its best practices, the IQAC worked (with the Dr. Sudip Kumar Das, Dept. of Botany) on the mushroom culture training program.
8. The IQAC undertook efforts for the career advancement of teachers of the college through the Career Advancement Scheme (CAS). A total of **three (3)** faculty members have been promoted by the CAS & have received the Government orders.. The IQAC organized three meeting for screening/selection committee for benefit of 23 teachers.
9. The IQAC encouraged the faculties in faculty development initiatives including Refresher courses, Orientation programmes and other FDP and professional development & administrative training programmes & **twelve (12)** teachers have successfully completed various programmes in this regard.
10. A special lecture on 'Kidnapping as a form of labour recruitment in 19th century of India' was arranged by department of History in collaboration with IQAC on 16.02.2023. Department of Philosophy organized a student seminar on 'Real Nature of Man in Contemporary Indian Philosophy' on 16.06.2022.



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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	TITLE OF THE PROGRAMME	PERIOD (FROM - TO)
1.	SHRI SANJIB KUMAR DAS	ASST. PROFESSOR OF ZOOLOGY	Refresher Course in Synthetic Biology, The University of Burdwan	16/06/2022 – 29/06/2022
2.	DR. KOUSHIK SEN	ASST. PROFESSOR OF ZOOLOGY	Refresher Course in Synthetic Biology, The University of Burdwan	16/06/2022 – 29/06/2022
3.	DR. ARGHYA GHOSH	ASST. PROFESSOR OF BOTANY	Refresher Course in Synthetic Biology, The University of Burdwan	16/06/2022 – 29/06/2022
4.	SRIJITA SAHA	ASST. PROFESSOR OF ENGLISH	Faculty Induction Programme	18/07/2022 – 18/08/2022
5.	SUJAN PRAMANIK	ASST. PROFESSOR OF PHILOSOPHY	12th Faculty Induction Programme (Guru Dakshata) Ranchi University	02/08/2022 – 29/08/2022
6.	RAJESH KUMAR PANDEY	ASST. PROFESSOR OF HISTORY	12th Faculty Induction Programme (Guru Dakshata) Ranchi University	02/08/2022 – 29/08/2022
7.	DR. SUBHADIP SAU	ASST. PROFESSOR OF PHYSICS	UGS Sponsored Faculty Induction Programme (Guru Dakshata), University of North Bengal	05/08/2022 – 07/09/2022
8.	DR. MD BODRUDDOZA AREFIN	ASST. PROFESSOR OF BOTANY	Refresher Course in Environmental Science, Vidyasagar University	20/08/2022 – 02/09/2022
9.	DR. SURAJIT BISWAS	ASST. PROFESSOR OF COMMERCE	UGS Sponsored Faculty Induction Programme (Guru Dakshata), Jadavpur University	09/01/2022 – 09/12/2022
10.	SREEJIT GHOSH	ASST. PROFESSOR OF PHYSIOLOGY	UGS Sponsored Faculty Induction Programme (Guru Dakshata), Jadavpur University	09/01/2022 – 09/12/2022
11.	SUSEN GANGOPADHYAY	ASST. PROFESSOR OF HISTORY	UGS Sponsored Faculty Induction Programme (Guru Dakshata), Jadavpur University	09/01/2022 – 09/12/2022
12.	UTSAV ROY	ASST. PROFESSOR OF PHILOSOPHY	UGS Sponsored Faculty Induction Programme (Guru Dakshata), Jadavpur University	04/01/2023 – 07/02/2023



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PART – D: PUBLICATION BY FACULTIES

✚ Nine (9) faculties of the college have published their papers in 10 different reputed journals.

Sl No.	Title of paper	Name of the author/s	Department	Name of journal	Year of publication	ISSN number
1	Neat synthesis of isothiazole compounds, and studies on their synthetic applications and photophysical properties	Prasanta Patra	Chemistry	New Journal of Chemistry	2022	1369-9261
2	"Relevance of constructivist theory in India-Bangladesh Land Boundary Agreement (LBA)"	Sikandar Ansari	Political Science	IJARESM	2022	2455-6211
3	Fractionalized Kitaev Model in a Low Field along [111]	Subhasree Pradhan	Physics	Materials Physics Today, Proceedings	2022	2214-7853
4	Mini review on pyrido[2,3-c]coumarins backbone of santiagonamine antibiotics	Prasanta Patra	Chemistry	HETEROCYCLES	2022	0385-5414
5	A short review on the synthesis of pyrrolo[3,4-c]coumarins an isolamellarin-B scaffolds	Prasanta Patra	Chemistry	Synthetic Communications	2022	1532-2432
6	(1)Signatures of regular black holes from the shadow of Sgr A* and M87*	Subhadip Sau	Physics	Journal of Cosmology and Astroparticle Physics (2) Physical Review D	2022	1475-7516
7	Biodiversity of Avifauna in Chilkiagarh, Jhargram, West Bengal (India)	Sanjib Kumar Das, Koushik Sen	Zoology	World Journal of Environmental Biosciences	2022	2277-8047
8	A Brief Review on the Synthesis of Pyrrolo[2,3-c]coumarins, including Lamellarin and Ningalin Scaffolds	Prasanta Patra, Debnarayan Roy	Chemistry Principal	Organic Preparations and Procedures International UOPP	2022	36597; E:19455453
9	4-Aminocoumarin Derivatives as Multifaceted Building Blocks for the Development of Various Bioactive Fused Coumarin Heterocycles: A Brief Review	Prasanta patra	Chemistry	Current Organic Chemistry	2022	1385-2728
10	A Short Review on the Synthesis of oxazolo/thiazolo/imidazolo coumarins and their biological activities	Prasanta Patra , Dilip Rout , Sanchaita Adikari	Chemistry	Synthetic Communication	2022	0039-7911 (print) 1532-2432 (online)



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✚ **Two (2)** faculties have contributed in book chapters.

Serial Number	Title of paper/chapter	Name of the author/s	Department	Name of book	Year of publication	ISBN number
1	Phytosomes: a cutting-edge technique for herbal drug delivery and its clinical applications	Sanjib Kumar Das, Rakesh Acharya and Koushik Sen	Zoology	The Basic Handbook of Indian Ethnobotany and Traditional Medicine Vol. 1	2022	978-81-957954-1-3

✚ **Three (3)** teachers have been promoted during this year.

Serial Number	Name	Designation Before promotion	Date of effect	Designation after promotion
1	Dr. Dilip Rout	Assistant Professor of Chemistry (Stage 3)	02.07.2017	Associate Professor of Chemistry (Stage 4)
2	Dr. Debanjan Das	Assistant Professor of Sanskrit (Stage 1)	09.10.2018	Assistant Professor of Sanskrit (Stage 2)
3	Dr. Satyajit Ghorai	Assistant Professor of Commerce (Stage 1)	22.05.2019	Assistant Professor of Commerce (Stage 2)

✚ **Two (2)** faculties including Principal have two (one each) on-going projects.

Serial Number	Name & Designation	Name of the project	Funding Agency	Grant received during the year	Remark
1	Dr. Prasanta Patra, Assistant Professor of Chemistry	Synthesis, Biological Evaluation and Fluorescence Study of Coumarin Fused Heterocyclic Compounds	DSTBT (Govt. of West Bengal, Science & Technology and Biotechnology)	Rs. 29,000/-	Principal Investigator
2	Dr. Debnarayan Roy Principal	Assesment of the Status and Diversity of Anguilliformes (Eel) over West Bengal Coast and Making the Significant Data Bank and Report for Future Planning	DSTBT (Govt. of West Bengal, Science & Technology and Biotechnology)	Rs. 2,68,200/-	Co-Investigator, (Joint project with bajkulmilani Mahavidyalaya)

✚ **One (1)** faculty has received recognition from Vidyasagar University

Serial Number	Name & Designation	Name of the award/recognition	Name of the awarding body	Date
1	Shri Brahma Chaudhuri, Assistant Professor of Commerce	Covid warrior	National Service Scheme, Vidyasagar University	23.09.2022



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PART – E: CERTIFICATE COURSES

- ✚ Six (6) certificate courses have been undertaken by the college during the session 2022-2023 from 13th August, 2022 to 17th December, 2022. A total 210 students have enrolled of which 192 have been completed.

Sl No.	Name of the course	Name of the course coordinator	Departments engaged with number of faculties	Number of students enrolled	Number of students completed
1	ETHNOMEDICINAL STUDIES	Dr. Arabinda Samanta	Botany (3)	35	30
2	FORTRAN: BASICS & NUMERICAL APPLICATIONS	Dr. Nabakumar Bera	Chemistry (4)	35	32
3	INCOME TAX-E FILING	Dr. Satyajit Ghorai	Commerce (6)	35	35
4	SOCIAL FORMATION AND THE CULTURAL PATTERNS OF THE ANCIENT WORLD	Shri Susen Gangopadhyay	History (3)	35	33
5	ECOLOGY AND ETHICS IN ANCIENT INDIAN PHILOSOPHY	Shri Sujan Pramanik	Philosophy (6)	35	34
6	BASIC PYTHON PROGRAMMING AND DATA MANIPULATION	Dr. Krsihnendu Sinha	Zoology (1)	35	28



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PART – F: SEMINAR, WEBINAR, WORKSHOP & OTHER ACTIVITIES

✦ The college has organized total eight (8) seminars including three webinars during this academic session.

Sl No.	Title	Date	Nature & organiser	Resource person	Number of participants
1	Chor: EktiPranticChoritrerSondhane	09.06.2022	State level webinar IQAC, Dept. of Histroy, JRC	Shri Prabir Mulhopadhyay, Librarian, Dept. of Anthropology, University of Calcutta	66
2	Exploring Career Opportunities in the Education Sector & Strategies to Crack	11.09.2022	Webinar JRCPAA	1. Dr. Partha Karmakar, W.B.E.S Deputy Secretary WBBPE 2. Mr. Siddhartha Mahata, Sub Inspector of Schools, Jhalda III, Purulia WBSOES 3. Mr. Alok Mandal, Assistant Accounts Officer, Defence Accounts Department, Government of India	158
3	JangolmoholerLoksanskriti O Subarnoroikhik Sahityo Karmo	15.10.2022	Webinar JRCPAA	1. Dr. Kshitish Mahato, Asst. Prof. Chakaud Mahavidyalaya 2.Dr. Fatik Chand Ghosh, Asst. Prof. Midnapur College	102
4	An Introduction to the Vedas	07.02.2023	State level seminar Dept. of Sanskrit, JRC	Prof. Mau Dasgupta Professor, Department of Sanskrit, University of Calcutta	45
5	Lokosanskriti: Cottage Industries of Tribal People: Bamboo Artifact: Works of Mahali Community in Jhargram District	12.04.2023	Regional level seminar IQAC,JRC	Shri Susil Kr. Burman, Officer-in- Charge, Jhargram Raj College (Girls' wing)	86
6	Future Prospects of Learning Mathematics at Undergraduate Level	18.04.2023	National level seminar Dept. of Mathematics, JRC	Padmashri Bimal Kumar Roy, Professor of Applied Statistics Unit, ISI, Kolkata	94
7	Research methodology: Training the Trainer – Mentoring the Mentor & the importance of Mentor/Mentee relationships in Research	19.04.2023	State level Seminar IQAC,JRC	Prof. Subir Chandra Dasgupta Professor of Zoology, Maulana Azad College, Kolkata	111
8	Gender sensitization: Nari O Pritihir Rono Rokto o Sofolota	29.05.2023	Regional level seminar Gender Sensitization Cell, Cine Club, IQAC,JRC	Smt. Oindrila Sen, Assistant Professor of History, Jhargram RajCollege	51



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PART G – STUDENTS' ACHIVEMENT

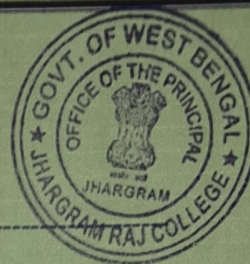
- ✚ **Four** (4) students came with flying colours in the 35th Inter college Annual athletic meet, held on 12th & 13th December, 2022 at Vidyasagar University playground.
- ✚ The college students participated in inter college cultural competition & secured **first** (1st) position in Youth Parliament.

Name of the award	Name of the student(s)
Youth Parliament (1st)	Soumili Dutta, Sahadeb Das, Sarjam Hansda, Shruti Kona Singha, Debraj Chakraborty, Banashri Senapati, Sanjana Bera, Priya Banerjee, Ananya Maity, Sweeta Singh, Trina Bera, Somarani Rana, Sagar Mandal, Tanushree Murmu, Suvankar Mishra
100 mt sprint (3rd)	Saptami Mahata
400 mt sprint (1st)	Kalyan Kalandi
400 mt sprint (3rd)	Riya Khatua
800 mt sprint (2nd)	Riya Khatua
1500 mt sprint (2nd)	Riya Khatua
100 mt sprint (2nd)	Sombari Kisku
200 mt sprint (2nd)	Sombari Kisku



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PART H – MISCELLANEOUS

✦ THE UNIVERSITY EXAMINATION

- The theoretical B.A./B.Sc./B. Com. Final semester (Sem VI) Examinations 2022 were held in online mode (Ref. No. VU/CE/GD-5076/2022 dated 08-06-2022 of Vidyasagar University). The theoretical examination started on 27.06.2022 and continued upto 22.07.2022. The college conducted the examinations in adherence to the examination guidelines laid down by Vidyasagar University. The Practical examinations, however, were held in offline, maintaining social distances and other Covid-19 protocol.
- The University Examinations for 2022 for Post Graduate courses were held in the offline mode maintaining social distances & other protocol of Covid 19. PG Semester II & IV students were sit for their final examinations in July 2022. The theoretical examination centre was Jhargram Raj College (Girls' wings) under the directives of Vidyasagar University. The Practical examinations were held in the college with external & internal examiners as per decision taken in the meetings of PG BoS.

✦ ANNUAL SPORTS

- Date of Annual athletic meet : 05.01.2023 & 06.01.2023
- Total number of participants: 200 (116 boys 7 84 girls)

✦ INTERNAL EXAMINATION

The internal examination for UG Semester I & III (Generic/General) was held from 16.01.2023 to 20.01.2023. The Honours & PG Internal examinations were taken by the respective departments.

✦ OTHER ACTIVITIES

- The cine club has been resumed its activities through screening of two movies.
- Madhava Mathematics Competition was held on 29.01.2023 in the College.
- A Blood Donation Camp was organized by NSS units in collaboration with IQAC on 22.02.2023.
- The Foundation day was celebrated in the college on 08.05.2023. The programme included tree plantation, quiz competition, prize distribution & cultural programmes. Another cultural programme was organized by the college by cultural & recreation Sub-committee on 23.09.2022.

Principal
Jhargram Raj College
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Coordinator, IQAC
Jhargram Raj College
Co-ordinator
Internal Quality Assurance Cell
Jhargram Raj College
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