



PANSKURA BANAMALI COLLEGE

(AUTONOMOUS)

Affiliated to VIDYASAGAR UNIVERSITY

NAAC Re-accredited 'A' Grade (2016 – 2023)

DST-FIST(Govt. of India), BOOST-DBT(Govt. of West Bengal) sponsored College

Website : www.panskurabanamalicollege.org

E-mail : principal.pbc@gmail.com

P.O. - PANSKURA R.S. : PIN – 721152 : DIST. - PURBA MEDINIPUR : WEST BENGAL : INDIA

IQAC ANNUAL REPORT 2021-2022

INTERNAL QUALITY ASSURANCE CELL

OBJECTIVE:

The primary objective of the Internal Quality Assurance Cell (IQAC) is to establish a structured, forward-thinking framework that enhances both academic and administrative efficiency within the institution. This overarching goal is achieved through a systematic approach that integrates planning, execution, and continuous improvement. By focusing on key components such as purposeful action, sustained efforts, and the enhancement of academic excellence, the IQAC aims to create an environment where quality becomes an intrinsic part of the institution's functioning.

1. Purposeful Action: The IQAC is dedicated to ensuring that every initiative undertaken for improvement is intentional, deliberate, and meticulously planned. This principle of purposeful action ensures that decisions are not made impulsively or left to chance but are rooted in a well-thought-out strategy aligned with the institution's long-term vision.

Purposeful action begins with a comprehensive understanding of the institution's strengths, weaknesses, opportunities, and challenges. It involves conducting thorough assessments, gathering data, and engaging stakeholders to identify areas that require attention. The IQAC ensures that all initiatives are guided by clear objectives, measurable outcomes, and realistic timelines. This approach fosters a culture of accountability, where every step taken contributes meaningfully to the institution's growth.

Furthermore, purposeful action demands a commitment to aligning institutional processes with broader goals, such as enhancing student learning outcomes, fostering innovation, and maintaining compliance with national educational standards. By adopting this disciplined and strategic mindset, the IQAC ensures that improvements are sustainable, impactful, and reflective of the institution's aspirations.

2. Sustained Action: The concept of "sustained" action highlights the importance of persistence and continuity in driving meaningful change. While short-term fixes may provide temporary relief, the IQAC emphasizes embedding improvements into the daily functioning of the institution, making them enduring and integral to its operations.

Sustained action requires consistent effort, regular monitoring, and the implementation of robust feedback mechanisms. The IQAC ensures that changes are not only introduced but also maintained over time through follow-up measures, periodic evaluations, and corrective actions. This helps prevent the recurrence of old challenges and ensures that the institution remains on a path of continuous improvement.

3. Enhancing Academic Excellence: A core focus of the IQAC's mission is the enhancement of academic excellence, which encompasses all aspects of teaching, learning, research, and student development. This objective is achieved through a relentless pursuit of innovation, refinement, and alignment with global educational standards.

The IQAC strives to continuously assess and improve teaching methodologies, ensuring they are dynamic, inclusive, and student-centered. Curriculum development is another critical area of focus, with the IQAC working to ensure that course content remains relevant, up-to-date, and aligned with industry needs and emerging trends. Additionally, the IQAC places significant emphasis on improving student outcomes by providing support systems, mentoring programs, and resources that foster academic success.

Research initiatives are also a priority, with the IQAC encouraging faculty and students to engage in high-quality, socially relevant research. By promoting collaboration, providing access to resources, and recognizing research achievements, the IQAC creates an environment where academic inquiry thrives. Furthermore, the IQAC ensures that co-curricular and extracurricular activities complement academic programs, helping students develop holistic skills and competencies.

Ultimately, the goal of enhancing academic excellence is to uphold the highest educational standards, ensure student satisfaction, and prepare learners to excel in their chosen fields. By fostering a culture of continuous improvement, the IQAC ensures that the institution remains at the forefront of academic innovation and quality education.

VISION STATEMENT OF THE COLLEGE

1. Learning as a Pleasure and Right: Learning is not a task to be endured but an enriching journey to be embraced with joy and enthusiasm. Learning is a fundamental right for every individual, regardless of background or circumstance.

2. Creating a Supportive Environment: We are committed to fostering an environment that promotes academic excellence, creativity, innovation, and intellectual growth. By

providing cutting-edge resources, infrastructure, and opportunities, we empower students to thrive and pursue their studies with confidence and purpose.

3. Removing Barriers to Education: To eliminate barriers to education by ensuring access to modern facilities and resources. Our goal is to create an inclusive ecosystem where every student can succeed.

4. Preparing for the Modern World: Beyond traditional academics, we aim to build a robust platform for higher learning that prepares students for the challenges and opportunities of the modern world. Through a career-oriented and comprehensive education system, we equip students with the skills, knowledge, and adaptability needed to excel in their chosen fields.

5. Holistic Development: Emphasize on holistic development, instilling strong social, moral, and ethical values in our students. True education goes beyond professional success; it shapes individuals into compassionate, responsible, and ethical members of society.

6. Personalized Nurturing and Mentorship: Students as part of our extended family and take pride in nurturing their growth and well-being. Through mentorship programs, regular interactions, and supportive teaching methodologies, we help students evolve into confident, capable, and well-rounded individuals.

7. Empowering Students to Contribute Meaningfully: The ultimate goal is to see students achieve their personal and professional aspirations while contributing positively to society. To create a legacy of learners who are intellectually vibrant, morally upright, and socially conscious.

MISSION STATEMENT OF THE COLLEGE

1. Innovative and Inclusive Education: To provide higher education across diverse fields using innovative and effective teaching methods, ensuring an enriching and accessible learning experience for all students.

2. Promoting Equality in Education: To offer traditional and professional education that is inclusive and open to students from all backgrounds, irrespective of caste, gender, or socioeconomic status, fostering equal opportunities for all.

3. Empowering the Disadvantaged: To uplift academically disadvantaged and underprivileged students by equipping them with knowledge, skills, and confidence, enabling them to overcome challenges and achieve success.

4. Holistic Value Development: To nurture social, moral, aesthetic, and ethical values in students, shaping them into responsible, compassionate, and well-rounded individuals who contribute positively to society.

5. Preparing for a Dynamic World: To equip students with essential professional and technical skills, enabling them to navigate the challenges of a rapidly changing world with courage, determination, and resilience.

6. Building Character and Integrity: To develop strong character and integrity through education, preparing students to lead meaningful and purposeful lives that benefit both themselves and society.

7. Creating Responsible Citizens: To produce competent and responsible citizens who can make significant contributions to the betterment of humanity through their chosen careers and professions.

FUNCTIONS OF IQAC:

1. Development and Implementation of Quality Benchmarks: Establish and implement quality benchmarks, standards, and parameters for various academic, administrative, and support activities within the institution to ensure continuous improvement.

2. Dissemination of Quality Standards: Promote awareness and understanding of quality standards in higher education among faculty, staff, students, and other stakeholders through effective communication and training.

3. Organization of Workshops and Seminars: Conduct workshops, seminars, training programs, and interactive sessions aimed at enhancing quality consciousness and fostering the formation of quality circles within the institution.

4. Promotion of Best Practices: Encourage the adoption of best practices in teaching, learning, evaluation, and administrative processes to enhance institutional effectiveness.

5. Documentation of Quality Initiatives: Maintain comprehensive records and documentation of all programs, activities, and initiatives undertaken by the institution to improve quality and achieve excellence.

6. Preparation of Annual Quality Assurance Report (AQAR): Compile and submit the Annual Quality Assurance Report (AQAR) to NAAC or other relevant bodies, based on established quality parameters and performance indicators.

7. Conducting Orientation Programs: Organize orientation and capacity-building programs for faculty, administrative staff, and other stakeholders to align them with quality-driven goals and practices.

8. **Faculty Development Programs:** Facilitate continuous professional development of faculty members through training, research opportunities, and exposure to modern pedagogical tools and techniques.
9. **Student-Centric Initiatives:** Promote student-centric activities such as mentoring, counseling, skill development programs, and extracurricular initiatives to enhance overall student growth and satisfaction.
10. **Feedback Mechanism Management:** Design, implement, and manage a robust feedback mechanism to collect inputs from students, faculty, parents, and other stakeholders for assessing and improving institutional performance.
11. **Monitoring and Evaluation:** Regularly monitor, evaluate, and review the effectiveness of academic and administrative processes to identify areas for improvement and implement corrective measures.
12. **Infrastructure and Resource Enhancement:** Ensure optimal utilization of available resources and advocate for the development of infrastructure that supports quality education and research.
13. **Research and Innovation Promotion:** Encourage a culture of research, innovation, and interdisciplinary collaboration among faculty and students to contribute to the advancement of knowledge and societal development.
14. **Ethical and Value-Based Education:** Foster the integration of ethical, moral, and value-based education into the curriculum and extracurricular activities to develop socially responsible individuals.
15. **Collaboration with External Agencies:** Collaborate with external agencies, industry partners, and other institutions to benchmark quality practices and explore opportunities for mutual growth and development.
16. **Community Engagement and Social Responsibility:** Strengthen ties with the local community and promote social responsibility initiatives that align with the institution's mission and vision.

IQAC COMPOSITION OF THE COLLEGE

1. Prof. (Dr.) Nandan Bhattacharyya. (Principal & Chairperson IQAC)
2. Dr. Mrityunjoy Das (Member)
3. Dr. Kanak Kanti Bera (Member)
4. Dr. Sugata Sen (Member)
5. Dr. Tuhin Kar (Member)

6. Dr. Soumitra Mondal (Member)
7. Dr. Sirsendu Maity (Member)
8. Dr. Manojit Debnath (Member)
9. Mr. Indrajit Pal (Student member)
10. Mr. Nanda Mishra (Chairman, Panskura Municipality, Alumni, Member)
11. Dr. Kazi Abdul Halim (Joint Coordinator)
12. Dr. Nirmalya Das (Coordinator IQAC)

PERTICIPATION IN NIRF AND AISHE

Every year, the college actively and successfully engages in two significant national initiatives aimed at evaluating and improving the quality of higher education in India: the National Institutional Ranking Framework (NIRF) and the All India Survey on Higher Education (AISHE).

National Institutional Ranking Framework (NIRF): Established by the Ministry of Education, Government of India, the NIRF serves as a robust framework for ranking educational institutions across the nation. It evaluates institutions based on key parameters such as teaching, learning, research output, outreach activities, and institutional perception. The college takes great pride in its participation in this initiative, meticulously compiling and submitting data that highlights its academic excellence, state-of-the-art infrastructure, faculty expertise, student achievements, and overall institutional performance. By participating in NIRF, the college not only benchmarks itself against other leading institutions but also reaffirms its dedication to maintaining transparency, fostering continuous improvement, and upholding accountability in all its endeavors.

All India Survey on Higher Education (AISHE): The College has consistently contributed to the All India Survey on Higher Education (AISHE), an annual survey conducted by the Ministry of Education to collect comprehensive data about the status of higher education in India. Through its participation, the college plays a vital role in providing accurate and reliable information on critical indicators such as student enrollment, faculty strength, infrastructure facilities, financial resources, and other operational aspects. This data is instrumental in shaping a broader understanding of the higher education ecosystem in the country. It assists policymakers in formulating strategies to enhance accessibility, ensure equity, and improve the overall quality of education.



सत्यमेव जयते
Government of India

Ministry of Education

Department of Higher Education

Statistics Division

New Delhi

Certificate



Reference No. C-19060-2021

This is to certify that Nandan Bhattacharyya of Panskura Banamali College has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2021-2022.

(Shri R. Rajesh)

Deputy Director General

Dated: 15/02/2023

PREPARATION OF THE ACADEMIC CALENDAR

The Internal Quality Assurance Cell (IQAC) played a crucial role in the timely preparation and release of the academic calendar for the 2021-2022 academic year. The process involved extensive collaboration with various stakeholders, including the Office of the Controller of Examinations, the Teachers' Council, and the Academic Departments of the college.

Under the leadership of the Principal, the IQAC and the Member Secretary of the Academic Council efficiently coordinated the collection, compilation, and organization of inputs from these stakeholders. This collaborative effort ensured that all essential aspects of the academic year were carefully planned and seamlessly integrated into the calendar.

The final academic calendar was thoughtfully designed to strike a balance between curricular, co-curricular, and extracurricular activities, while also incorporating holidays and proposed examination schedules. This holistic approach not only facilitated the smooth coordination of institutional activities but also underscored the college's dedication to fostering a well-structured and student-focused academic environment. Through this initiative, the college demonstrated its commitment to maintaining high standards of organization and ensuring an enriching experience for its students.



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ACADEMIC CALENDAR FOR ODD SEMESTER 2021

UG 5th Semester 2021

ODD SEMESTER	
SEMESTER - V	
Commencement of online classes	1 st September 2021
Commencement of offline classes	16 th November 2021
Period of academic activity	1 st Sept 2021 to 31 st January 2022
Internal Assessment	13 th Dec 2021 - 10 th January 2022
End Semester Examination (ESE)	1 st February onwards (Tentative)
End of Semester break	15 th February 2022
Result publication	Tentatively within 45 days after the last date of examination

UG 3rd Semester 2021

ODD SEMESTER	
SEMESTER - 3 rd	
Commencement of online classes	1 st September 2021
Commencement of offline classes	16 th November 2021
Period of academic activity	1 st Sept 2021 to 31 st January 2022
Internal Assessment	13 th Dec 2021 - 10 th January 2022
End Semester Examination (ESE)	1 st February onwards (Tentative)
End of Semester break	15 th February 2022
Result publication	Tentatively within 45 days after the last date of examination

J.R.
Member Secretary
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Principal
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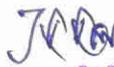
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UG 1st Semester 2021

ODD SEMESTER	
SEMESTER - I	
Commencement of online classes	1 st October 2021
Period of academic activity	1 st Oct 2021 to 28 th February 2022
Internal Assessment	1 st February - 10 th February 2022 (Tentative)
End Semester Examination (ESE)	1 st March, 2022 onwards (Tentative)
End of Semester break	15 th March 2022
Result publication	Tentatively within 45 days after the last date of examination

PG 3rd Semester 2021

ODD SEMESTER	
SEMESTER - 3 rd	
Commencement of online classes	1 st September 2021
Commencement of offline classes	16 th November 2021
Period of academic activity	1 st Sept 2021 to 31 st January 2022
Internal Assessment	13 th Dec 2021 - 10 th January 2022
End Semester Examination (ESE)	1 st February onwards (Tentative)
End of Semester break	15 th February 2022
Result publication	Tentatively within 45 days after the last date of examination


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PG 1st Semester 2021

ODD SEMESTER	
SEMESTER - I	
Commencement of online classes	1 st November 2021
Period of academic activity	1 st November 2021 to 28 th February 2022
Internal Assessment	1 st February - 10 th February 2022 (Tentative)
End Semester Examination (ESE)	1 st March, 2022 onwards (Tentative)
End of Semester break	15 th March 2022
Result publication	Tentatively within 45 days after the last date of examination

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ACADEMIC CALENDAR FOR EVEN SEMESTER 2022

UG 6th Semester 2022

EVEN SEMESTER	
SEMESTER - VI	
Commencement of offline classes	15 th February 2022
Period of academic activity	15 th February - 8 th June 2022
Internal Assessment	5 th May - 10 th May 2022
Study leave	9 th June - 19 th June 2022
End Semester Theory Examination	20 th June onwards
End Semester Practical Examination	27 th June onwards
Result publication	Tentatively within 30 days after the last date of examination

UG 4th Semester 2022

EVEN SEMESTER	
SEMESTER - IV	
Commencement of offline classes	21 st February 2022
Period of academic activity	21 st February - 21 th June 2022
Internal Assessment	5 th May - 10 th May 2022
Study Leave	22 nd June - 3 rd July 2022
End Semester Theory Examination	4 th July onwards (Tentative)
End Semester Practical Examination	13 th July onwards (Tentative)
Result publication	Tentatively within 45 days after the last date of examination


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UG 2nd Semester 2022

EVEN SEMESTER	
SEMESTER - II	
Commencement of online classes	14 th March 2022
Period of academic activity	14 th March - 3 rd July
Internal Assessment	10 th May - 14 th May 2022
Study Leave	4 th July- 14 th July 2022
End Semester Theory Examination	15 th July 2022 onwards (Tentative)
End Semester Practical Examination	26 th July 2022 onwards
Result publication	Tentatively within 45 days after the last date of examination

PG 4th Semester 2022

EVEN SEMESTER	
SEMESTER - IV	
Commencement of offline classes	21 st February 2022
Period of academic activity	21 st February - 21 th June 2022
Internal Assessment	10 th May - 14 th May 2022
Study Leave	22 nd June - 3 th July 2022
End Semester Theory Examination	4 th July onwards (Tentative)
End Semester Practical Examination	9 th July onwards (Tentative)
Dissertation project viva-voce	Latest by 7 th August 2022
Result publication	Tentatively within 45 days after the last date of examination


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PG 2nd Semester 2022

EVEN SEMESTER	
SEMESTER - II	
Commencement of offline classes	21 st Mach 2022
Period of academic activity	21 st March - 3 rd July 2022
Internal Assessment	10 th May - 14 th May 2022
Study Leave	4 th July - 14 th July 2022
End Semester Theory Examination	15 th July onwards (Tentative)
End Semester Practical Examination	26 th July onwards (Tentative)
Result publication	Tentatively within 45 days after the last date of examination

All Training Courses as per NCTE Calendar


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Days to celebrate			
Sl. No.	Event	Date	To be organized by
1.	No Plastic Day	3 rd July	Microbiology
2.	World Population Day	11 th July	Zoology
3.	International Day of Indigenous People	9 th August	Santali
4.	Independence Day	15 th August	B.P.Ed & NCC
5.	World Entrepreneurs Day	21 st August	Commerce
6.	Teachers' Day	5 th September	B.Ed.
7.	International Music Day	1 st October	Music
8.	Gandhi Jayanti cum Swach Bharat Diwas	2 nd October	Chemistry
9.	Science Day	10 th November	Physics
10.	National Education Day	11 th November	Education
11.	World AIDS day	1 st December	Microbiology
12.	World Computer Literacy Day	2 nd December	Computer Science
13.	World Soil Day	5 th December	Geography
14.	College Foundation Day	14 th December	Central
15.	National Youth Day and Vivekananda Jayanti	12th January	History
16.	International Mentoring Day	17th January	Central
17.	Parakram Diwas or Netaji Jayanti	23rd January	Commerce
18.	National Girl Child Day	24th January	NSS
19.	National Voters Day	25th January	Political Science
20.	Republic Day of India	26th January	NCC
21.	World CSR Day (Corporate Social Responsibility)	18th February	Economics

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Days to celebrate

Sl. No.	Event	Date	To be organized by
22.	World Day of Social Justice	20th February	Philosophy
23.	International Vernacular Day	21st February	Sanskrit
24.	World NGO Day	27th February	Commerce
25.	Women's Day	8th March	English
26.	World Water Day	22nd March	Geography
27.	International Transgender Day of Visibility	31st March	Economics
28.	World Health Day	7th April	Physiology
29.	Ambedkar Jayanti	14th April	Botany
30.	National Safe Motherhood Day	11th April	Biotechnology
31.	Earth Day	22nd April	Botany
32.	World Book Day	23rd April	Library
33.	International Labour Day	1st May	Mathematics
34.	Rabindra Jayanti	9th May	Bengali
35.	International Environment Day	5th June	Geography

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FINANCIAL SUPPORT FOR ORGANIZING EVENTS TO ENHANCE INSTITUTIONAL QUALITY

The Internal Quality Assurance Cell (IQAC) takes a proactive approach in advocating for and facilitating financial support to various stakeholders within the institution to organize events that contribute to the overall enhancement of institutional quality. Acknowledging the critical role of academic and skill development initiatives, the IQAC formally submits proposals to the Principal for the allocation of funds to Academic Departments and other institutional committees to conduct impactful programs.

Academic Departments receive financial assistance to organize a variety of activities such as seminars, workshops, conferences, and training programs. These events are strategically designed to stimulate intellectual growth, encourage research, and facilitate meaningful knowledge exchange among faculty members, students, and external experts. By supporting these initiatives, the college aims to foster engagement with contemporary academic and industry trends, thereby enriching the teaching-learning process and enhancing the overall educational experience.

In addition to Academic Departments, various institutional committees are also provided with financial resources to conduct skill development programs and innovative projects. This inclusive approach to financial allocation underscores the IQAC's commitment to nurturing a culture of continuous improvement, innovation, and excellence within the institution. Through these efforts, the IQAC ensures that all stakeholders are empowered to contribute meaningfully to the advancement of institutional quality and the holistic development of its members.

FACULTY SELF-APPRAISAL AND PERFORMANCE EVALUATION

The Internal Quality Assurance Cell (IQAC) has introduced a proactive initiative to promote professional growth and accountability among faculty members through the implementation of a structured self-appraisal process. This process encourages faculty members to critically evaluate their teaching practices, research contributions, administrative responsibilities, and overall performance over a defined period. The self-appraisal documents are carefully prepared by the faculty and submitted to the management for thorough evaluation. This reflective exercise serves as a vital tool for identifying strengths, acknowledging achievements, and highlighting areas that require further development or improvement.

In addition to facilitating the self-appraisal process, the IQAC plays a pivotal role in ensuring the effective execution of the Performance-Based Appraisal System (PBAS). This system is designed to assess faculty performance using well-defined criteria, including teaching effectiveness, research output, publications, participation in academic activities, and contributions to institutional growth. The IQAC oversees the detailed scrutiny of PBAS reports, which serve as a critical factor in determining promotions and career advancements. By maintaining transparency, fairness, and adherence to established guidelines, the IQAC ensures that the appraisal process remains objective and aligned with the institution's overarching goals of fostering excellence in teaching, research, and overall institutional development.

Through these initiatives, the IQAC reinforces its commitment to nurturing a culture of continuous improvement, accountability, and professional excellence among faculty members, ultimately contributing to the enhancement of the institution's academic and administrative standards.

FEEDBACK MECHANISM

Feedback on Curriculum: A robust feedback mechanism was established to assess the effectiveness and relevance of the curriculum. Feedback on the syllabus was systematically gathered from a wide range of stakeholders, including students, faculty members, alumni, and employers, to ensure diverse perspectives on its applicability and alignment with current needs. This feedback was meticulously compiled and forwarded to the respective academic departments for in-depth analysis.

The academic departments conducted comprehensive evaluations and prepared detailed analysis reports, which were subsequently submitted to the Internal Quality Assurance Cell (IQAC). The IQAC played a crucial role in ensuring that the findings and recommendations from these reports were effectively communicated to the respective Boards of Studies (BoS) for further review. Guided by the IQAC, meaningful discussions were held within the departments and the Boards of Studies to deliberate on the suggestions and recommendations provided by stakeholders. These discussions resulted in proposed modifications to the curriculum, which were thoroughly reviewed, refined, and finalized by the Board of Studies and the Academic Council. The changes were carefully designed to align with the institution's academic goals and meet industry requirements, ensuring that the curriculum remains relevant, dynamic, and future-ready.

Feedback on Teaching: To enhance the quality of the teaching-learning process, feedback on teaching practices and instructional methods was collected from students through an online platform integrated into the college's ERP system. This feedback was systematically

analyzed to identify areas of strength and highlight opportunities for improvement. The results of the analysis were shared with the respective faculty members, enabling them to reflect on their teaching methodologies and adopt strategies for continuous professional development.

In addition to this structured feedback process, the Principal took a proactive approach by engaging in personalized one-on-one discussions with individual faculty members. These interactions focused on addressing specific areas needing attention and providing constructive guidance for improvement. Based on the insights gained, corrective measures and enhancement initiatives were implemented as needed. This ensured that the teaching-learning process remained dynamic, student-centric, and aligned with the highest standards of education, fostering an environment of excellence and continuous growth.

IQAC REPORT ON PROFESSIONAL DEVELOPMENT PROGRAMMES

The following faculty members have completed the Faculty Development Programme (FDP) / Refreshers Course (RC) and other courses organized by HRDC of various universities / institutions from July, 2021 to June, 2022. The details of the programs, along with the names of the faculty members and their respective durations, are provided below

Name of Teacher who attended the programme	Title of the programme	Duration (from - to) (DD-MM-YYYY)	
		From	To
Mr. Sibasis Jana	Refresher Course	9/7/2021	9/20/2021
Smt. Anushri Dutta	Refresher Course	11/16/2021	11/30/2021
Smt. Mandira Paul	Refresher Course	8/21/2021	9/4/2021
Dr. Shyam Sundar Manna	Advances in Geospatial Techniques in Ecosystem Conservation and Management	12/1/2021	12/23/2021
Mr. Sk Md Habibullah	Refresher Courses	2/7/2022	2/22/2022
Mr. Parnab Ghosh	Subject Refresher Course	10/25/2021	11/9/2021
Mr. Parnab Ghosh	Research Methods and Data Analytics	1/10/2022	1/15/2022
Mr. Parnab Ghosh	Research Methodology and Hands on Learning	8/2/2021	8/6/2021
Mr. Parnab Ghosh	Research Methods and Educational Reforms (MD)	11/30/2021	12/13/2021
Mrs. Nabanita Dutta	Refresher Course	8/24/2021	9/5/2021
Mr. Samir Dolui	Refresher Course	8/17/2021	8/30/2021
Dr. Ashutosh Sarkar	Refresher Course on Research Methodology for Faculty of Social Science	7/19/2021	7/31/2021
Dr. Jitesh Chandra Roy	Refresher Course	8/31/2021	9/13/2021
Mr. Bumba Dey	Faculty Induction Programme	6/13/2022	7/13/2022
Dr. Bappa Sona Kar	INUP-i2i (Hands on Training Workshop)	5/16/2022	5/25/2022
Dr. Bappa Sona Kar	INUP-i2i	2/10/2022	2/12/2022
Mr. Amaresh Mahapatra	Orientation Programme (Faculty Induction Programme)	8/24/2021	9/28/2021
Mrs. Namita saha	Refresher Course	10/25/2021	11/9/2021
Dr. Mrinmay Ghorai	Refresher Course	1/5/2022	1/18/2022

VALUE-ADDED COURSES

Panskura Banamali College (Autonomous) has introduced a variety of value-added courses aimed at enhancing students' skill development and improving their employability. As part of this initiative, all first-year undergraduate students are required to enroll in at least one value-added course during the academic year. These courses are conducted in a blended mode, combining online learning with in-person sessions to provide a flexible and interactive educational experience.

Name of the value-added courses (with 30 or more contact hours) offered	Course Code	Number of students enrolled during the year	Number of students completed the course during the year
Art and Craft in Work Education and Vocational Education	BEDVAC 001	95	92
MS Word and Power Point	BEDVAC 002	97	95
Mental Hygiene and Career Counselling	BEDVAC 003	93	92
Basic Concept of Heart Rate Variability	PESSVAC 001	94	92
Statistics In Physical Education Using Spss	PESSVAC 002	96	94
Data Analysis Using Excel	PESSVAC 003	98	95
Insight of Basketball	PESSVAC 004	92	91
Practical Approach of Yoga For Inner Peace	PESSVAC 005	93	92
Advance Coaching In Kho-Kho	PESSVAC 006	96	95
Green Computing	BCAVAC 001	94	92
Internet and Webpage design	BCAVAC 002	93	91
Performing Art (Drama)	BENVAC 001	96	94
Art & Craft	BENVAC 002	94	93
Laboratory-Based Bio-fertilizer Production	BITHVAC 001	93	92
Mushroom Farming	BITHVAC 002	92	91
Laboratory-Based Eco-friendly Bio-plastic Production and its implementation	BITHVAC 003	95	92
Vermicomposting production	BITHVAC 004	96	93
Bioprospecting from Cyanobacteria and Algae	BOTVACA 001	97	94
Green Audit & Green Practices	BOTVACA 002	92	91
Apiculture & Melisopalinalogy	BOTVACA 003	93	92
Android Programming	COSVAC 001	95	93
Multimedia and Applications	COSVAC 002	97	95
Basic Concept of Educational Research	EDUVAC 001	94	92
Philosophy for the Development of Values And Humanity	EDUVAC 002	95	91
Style In Literature	ENGVAC 001	94	93
Adaptation Studies	ENGVAC 002	96	93
Writing Formal English	ENGVAC 004	93	91
Photography To Cinematography: An Introduction	ENGVAC 005	97	95
Creative Writing	ENGVAC 006	92	91
Global Positioning System	GEOVAC 001	95	93
Soil and Agriculture Management	GEOVAC 002	94	92
Entrepreneurship & Rural Development	GEOVAC 003	98	94

Tourism Management	GEOVAC 004	92	90
Coastal Vulnerability Management	GEOVAC 005	94	92
Popular Culture in Colonial India	HISVAC 001	95	92
Communicative Skill in History	HISVAC 002	97	95
Museum Studies	HISVAC 003	94	92
Introduction to LATEX	MATHVAC 001	93	91
Introduction to MATLAB	MATHVAC 002	95	93
Astronomy for Everyone	MATHVAC 003	96	93
Biostatistics	MCBHVAC 001	98	96
Food-Microbes interactions	MCBHVAC 002	94	93
Applied Microbiology	MCBHVAC 003	95	94
Oral Communication	PHILVAC 001	93	92
Awareness on Covid-19 and infectious diseases	PHYVAC001	88	85
PYTHON Computing for all	PHSVAC 001	97	95
Understanding Data With Python	PHSVAC 002	94	93
Indian Constitution	POLSVAC 001	93	91
Philosophy Of Mahatma Gandhi: Contemporary Issues	POLSVAC 002	95	93
Advantages of Sanskrit literature	SANVAC 001	97	94
Santali Language and Grammar	SANTVAC 001)	30	28
Animal Biotechnology	ZOOVAC 001	95	92

RESEARCH AND INNOVATION

Panskura Banamali College (Autonomous) has established a dedicated Research Center to foster advanced academic exploration and innovation. This center, focused on the field of Science and affiliated with Vidyasagar University, serves as a dynamic platform for scholarly activities. Currently, 19 research scholars are actively engaged in rigorous and regular research work, contributing significantly to the intellectual growth and reputation of the institution.

The quality and impact of the research conducted at the center are evident from the impressive array of publications by faculty members and research scholars. Their work has been featured in highly respected, peer-reviewed journals indexed in globally recognized databases such as Scopus, Web of Science, and UGC CARE. Furthermore, their contributions extend to book chapters published by prestigious publishers like Taylor & Francis, Springer, and other renowned platforms. These achievements not only highlight the depth, relevance, and global standards of the research but also reflect the college's unwavering commitment to fostering academic excellence and innovation.

To support the research endeavors of its students and faculty, the college provides state-of-the-art facilities and resources. Research scholars have access to a well-stocked central library equipped with books, journals, and digital materials to aid their academic pursuits. Additionally, modern laboratories offer an ideal environment for conducting experiments

and practical analyses, particularly for those engaged in scientific research. These facilities ensure that researchers have the necessary tools to carry out their work effectively and efficiently.

During the academic year 2021-2022, the college achieved remarkable success in research output, with 25 high-impact research papers published in esteemed journals. These publications, characterized by their high impact factor, underscore the institution's dedication to producing cutting-edge research that contributes meaningfully to global knowledge systems. Through these efforts, Panskura Banamali College continues to solidify its position as a hub of academic excellence and innovation, committed to advancing knowledge and addressing real-world challenges.

PUBLICATION IN JOURNALS

Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	ISSN	Link to the notification in UGC enlistment of the Journal
Prof. Nandan Bhattacharya	Biotechnology	A New Approach Based on Erythrocyte Indices to Exclude Normal Populations from Chromatography Based Thalassemia Screening Programs with Very High Fidelity	Iranian Journal of Blood and Cancer	2008-4595	ijbc.ir/article-1-1085-en.html
Prof. Nandan Bhattacharya	Biotechnology	PA1 cells containing a truncated DNA polymerase β protein are more sensitive to gamma radiation	Radiation Oncology Journal	2234-3156	10.3857/roj.2021.00689
Prof. Nandan Bhattacharya	Biotechnology	Response of Ancillary Azide Ligand in Designing a 1D Copper(II) Polymeric Complex along with the Introduction of High DNA- and HAS-Binding Efficacy, Leading to Impressive Anticancer Activity: A Compact Experimental and Theoretical Approach	ACS Omega		https://doi.org/10.1021/acsomega.2c01403
Dr. Pulakesh Bera	Chemistry	Instigating the in vitro Anticancer Activity of New pyridinea Thiazole-Based Co(III), Mn(II), and Ni(II) Complexes: Synthesis, structure,DFT,	Journal of Chemical Information and Modeling	1549-960X	doi.org/10.1021/acs.jcim.1c01280
Dr. Bappa Sona Kar	Physics	Effects of Sm-Substitution on Dielectric and Multiferroic Properties of BiFeO ₃ â€“BaTiO ₃ Ceramics	Integrated ferroelectric		https://doi.org/10.1080/10584587.2020.1859826

Dr. Pulakesh Bera	Chemistry	Cobalt(II/III) complexes of picolyl phenolate based ligands promotes apoptotic induction in human cancer cell lines: Synthesis, characterization, DFT, DNA cleavage and molecular docking studies	Dalton Transaction	1477-9226	DOI: 10.1039/d1dt02825a
Dr. Mrinmay Ghorai	Zoology	Socio-economic conditions of the communities of the Kirtania and Chandrabali village (Balasore) fishing in the Subarnarekha river, Odisha, India	International Journal of Biological Innovations (IJBI)	2582-1032 (e)	http://doi.org/10.46505/IJBI.2022.4116
Dr. Moumita Paira	Chemistry	Recent Developments of Palladium-Catalyzed C(sp ³)/C(sp ²)-H Bond Functionalizations Assisted by 8-Aminoquinoline Bidentate Directing Group	Asian Journal of Chemistry	0970-7077	https://doi.org/10.14233/ajchem.2022.23774
Dr. Bappa Sona Kar	Physics	Enhancement of dielectric and multiferroic properties in Sr-modified 0.7BaTiO ₃ â€“0.3ZnFe ₂ O ₄ ceramics	Journal of Materials Science: Materials in Electronics		https://doi.org/10.1007/s10854-022-07879-6
Dr. Nirmalya Das	Geography	Dwellers perception toward the Urban services of Panskura Municipality, India: an application of importance-performance models	Geo Journal	0343-2521	10.1007/s10708-021-10513-3
Mr. Abhishek Samanta	Zoology	The Prevalence of Beta-Thalassemia Burden In India: A Meta-Analysis With 17, 11, 536 Subjects	International Journal of Education & Applied Sciences Research	2348 - 3954	http://doi.org/10.5281/zenodo.7074662
Dr. Shilpa Bhattacharyya	B.Ed	Environmental Awareness in Ancient India: A Vedic Study	Journal of Interdisciplinary Cycle Research	0022-1945	
Dr. Debolina Banerjee	B.Ed	Impact of Agra Gharana on Songs of Kazi Nazrul Islam	Journal of Interdisciplinary Cycle Research	0022-1945	
Dr. Ashutosh Sarkar	History	No Tax Movement among the Santals and attack on Gangarampur Police Station of Bengal in 1932	Journal of Interdisciplinary Cycle Research	0022-1945	DOI:18.0002.JICR.2022.V14I03.008301.31712373436
Dr. Ashutosh Sarkar	History	The Contribution of Santali Traditional Science in Indian Freedom Movement: A Study on Colonial East	Journal of Exidian University	1001-2400	https://doi.org/10.37896/jxu16.4/026

		India			
Dr. Ashutosh Sarkar	History	The Santal Movement in Malda Through a Santali Kali Puja in 1927 and Issued 144Cr. P. C	Journal of Interdisciplinary Cycle Research	0022-1945	DOI:18.0002.JICR.2022.V14I03.008301.31712373420
Dr. Somnath Mandal	Geography	Assessing the impact of coal-fired thermal power plant emissions on surrounding vegetation health using geoinformatics: A case study	Safety in Extreme Environments	2524-8189	https://doi.org/10.1007/s42797-022-00054-4
Mr. Anutosh Patra	Physiology	PA1 cells containing a truncated DNA polymerase β protein are more sensitive to gamma radiation	Radiation Oncology Journal	2234-3156	10.3857/roj.2021.00689
Dr. Somnath Mandal	Geography	Assessing the level of contamination of metals in surface soils at thermal power area: Evidence from developing country (India).	Environmental Chemistry and Ecotoxicology	2590-1826	https://doi.org/10.1016/j.eneco.2021.11.003
Mrs. Sukla Roy	B.Ed.	Conventional to Virtual: Rethinking the Teacher Education Programme and School Internship in the Period of Crisis	Brick To Click Embracing Change In Education	2320 6438	
Dr. Rishna Dalui	Physiology	A case-control study on pulmonary parameters and pulmonary diseases among the bus drivers.	Indian Journal of Environmental Protection	0253-7141	
Mr. Anutosh Patra	Physiology	PA1 cells containing a truncated DNA polymerase β protein are more sensitive to gamma radiation	Radiation Oncology Journal	2234-3156	10.3857/roj.2021.00689
Dr. Moumita Paira	Chemistry	A Useful Methods of Direct Sulfenylation at the 3-Position of Indoles Employing various Sulfenylating Agents	Asian Journal of Chemistry	1347-1353	https://doi.org/10.14233/ajchem.2022.23771
Dr. Moumita Paira	Chemistry	PPh3-catalyzed intramolecular cyclization of hydroxypropargylamides: Synthesis of structurally diverse morpholinone derivatives	Indian Journal of Chemistry	1014-1024	DOI: 10.56042/ijc.v61i9.59955

DETAILS OF BOOKS AND CHAPTERS IN EDITED VOLUMES / BOOKS

Name of the Teacher	Title of the Book published	Title of the Chapter published	National / International	ISBN of the Book/ Conference Proceeding	Name of the Publisher
Prof. Nandan Bhattacharyya			International		
Mr. Tuhin Singha	Resonance of Environment, Society and Space	Project Rural Craft Hub and Socio-economic Life of Local Artisans- A case of Wooden Doll Maekers in Notungram on Pruba Bardhaman District, W.B.	National	978-938844578-8	La Strada, Kolkata
Mrs. Nabanita Dutta	Special Education and Rehabilitation Management with Envisaging West Bengal Scenario	Special Education and Rehabilitation Management with Envisaging West Bengal Scenario	National	978-93-91002-21-3	ABS Books
Mr. Parnab Ghosh	Inclusive Education: Need of the Hour	Towards the Barrier-free Inclusive Education - A Non-Exclusionary Approach Concerning the Persons with Disabilities	National	978-1-365-89800-6	Redshine Publication
Mr. Parnab Ghosh	Brick to Click Embracing Change in Education	The Blended and Collaborative Approach to Qualitative Learning	National	978-91-987582-4-5	Redshine Publication
Mr. Parnab Ghosh	Early Childhood Care and Special Education	Special Education and Rehabilitation Management with Envisaging West Bengal Scenario	National	978-93-91002-21-3	ABS Books
Dr. Gumda Mardi	Santarh Ar Unkuwak Arichali	Santarhi Parsi Santarah Lakchar Ar Uprum E Rofa Dohoya	National	978-81-952327-9-6	Dabanki Press, Karandih, Jamshepur
Dr. Manas Jana		বিদ্যাসাগর ও নবজাগরণ	National	978-93-81037-99-7	রেডিয়্যান্স, কলকাতা,
Dr. Nirmalya Das	Population Environment and Development	Women Empowerment Status Mapping in Paschim Medinipur District of West Bengal	International		Progressive Publisher & Midnapur College
Dr. Nirmalya Das	Issues and Dimensions of Development	Rural Urban Differential in Work Participation and Education Attainment from Gender Perspective: A Study in West Bengal	International	978-93-90873-78-4	Avenel Press & Midnapur College

IQAC RECOMMENDATIONS FOR INSTITUTIONAL ADVANCEMENT

1. Fostering Industry-Institute Synergy: Strengthen ties with industries as per NEP 2020 to bridge the gap between theory and practice, offering students internships, hands-on training, and industry exposure to boost employability and align programs with market needs.

2. Building Collaborative Networks: Actively seek national and international partnerships to facilitate joint research, workshops, and conferences, enabling faculty and students to gain diverse academic and cultural exposure while fostering innovation.

3. Enhancing Library Resources and Engagement: Continuously update library materials and promote student participation through initiatives like book clubs, reading sessions, and workshops to create a vibrant intellectual environment.

4. Introducing Skill-Enhancement Programs: Launch free online courses and short-term skill-based programs in areas like Linguistics, Media Anchoring, and Food Preservation to equip students with practical skills and keep them aligned with industry trends.

5. Promoting Community-Oriented Research: Prioritize region-specific and socially relevant research projects that address local challenges, support community development, and contribute meaningfully to society.

6. Strengthening Mentorship Systems: Expand and regularize the mentor-mentee program to provide personalized guidance, address student concerns, and foster holistic academic and personal growth through consistent interactions.

7. Advancing Sustainable Energy Practices: Focus on integrating renewable energy topics into the curriculum and conducting awareness campaigns to educate students about sustainable practices, preparing them to adopt green technologies and contribute to environmental conservation.


Principal
Panskura Banamali College
(AUTONOMOUS)



Coordinator, IQAC

