



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 2019-2020

INTERNAL QUALITY ASSURANCE CELL

OBJECTIVE:

Internal Quality Assurance Cell (IQAC): A Commitment to Excellence

The primary objective of the Internal Quality Assurance Cell (IQAC) is to establish a structured and forward-thinking framework that enhances both academic and administrative efficiency within the institution. This goal is achieved through a systematic approach that integrates planning, execution, and continuous improvement. By emphasizing purposeful action, sustained efforts, and academic excellence, the IQAC ensures that quality becomes an inherent part of the institution's functioning.

1. Purposeful Action: The IQAC is committed to ensuring that every improvement initiative is intentional, well-planned, and aligned with the institution's long-term vision. Instead of relying on spontaneous or reactive decisions, the IQAC follows a strategic approach rooted in thorough assessments and stakeholder engagement.

Purposeful action begins with a comprehensive evaluation of the institution's strengths, weaknesses, opportunities, and challenges. Through data collection, feedback analysis, and informed decision-making, the IQAC identifies priority areas for development. Each initiative is guided by clear objectives, measurable outcomes, and realistic timelines, fostering a culture of accountability where every step contributes meaningfully to institutional growth.

Furthermore, this approach aligns institutional processes with broader goals, such as improving student learning outcomes, fostering innovation, and ensuring compliance with national

educational standards. By adopting a disciplined and strategic mindset, the IQAC ensures that enhancements are sustainable, impactful, and reflective of the institution's aspirations.

2. Sustained Action: The concept of sustained action underscores the importance of persistence and long-term commitment in driving meaningful change. While temporary solutions may address immediate concerns, the IQAC prioritizes embedding improvements into the institution's daily operations to ensure lasting impact.

Sustained action requires consistent effort, regular monitoring, and the establishment of robust feedback mechanisms. The IQAC ensures that improvements are not only implemented but also maintained through follow-up measures, periodic evaluations, and corrective actions. By preventing the recurrence of past challenges and fostering a culture of continuous enhancement, the IQAC helps the institution remain on a steady path of growth and development.

3. Enhancing Academic Excellence: At the core of the IQAC's mission is the continuous pursuit of academic excellence, encompassing teaching, learning, research, and student development. This objective is achieved through innovation, curriculum refinement, and alignment with global educational standards.

The IQAC actively works to improve teaching methodologies, ensuring they are dynamic, inclusive, and student-centered. Curriculum development remains a key focus, with efforts to keep course content relevant, industry-aligned, and responsive to emerging trends. Additionally, student success is a priority, supported by mentoring programs, academic resources, and structured support systems that foster learning and personal growth.

Research is another critical area, with the IQAC encouraging faculty and students to engage in high-quality, socially relevant research. By promoting collaboration, providing access to resources, and recognizing academic achievements, the IQAC creates an environment where inquiry and innovation thrive. Co-curricular and extracurricular activities are also integrated to complement academic programs, equipping students with essential skills and competencies for their future careers.

Ultimately, the IQAC's focus on academic excellence ensures the institution upholds the highest educational standards, enhances student satisfaction, and prepares learners to excel in their

chosen fields. By fostering a culture of continuous improvement, the IQAC keeps the institution at the forefront of academic innovation and quality education.

VISION STATEMENT

1. **Right to Learning for All:** Education is not just a duty but an enriching journey to be embraced with enthusiasm. We believe that learning is a fundamental right for all, ensuring access to knowledge regardless of background or circumstances.
2. **Create the Supportive Environment:** We are dedicated to creating an academic atmosphere that nurtures excellence, creativity, and intellectual growth. By providing cutting-edge infrastructure, resources, and opportunities, we empower students to learn with confidence and purpose.
3. **Eliminating Barriers to Education:** The commitment lies in making education accessible to all. We strive to remove obstacles by ensuring students have access to modern facilities, digital resources, and an inclusive learning environment that fosters success.
4. **Preparing for the Future:** Education must go beyond textbooks. We focus on equipping students with the skills, knowledge, and adaptability needed to navigate the challenges and opportunities of the modern world through a career-oriented and holistic approach.
5. **Holistic Development:** True education shapes individuals beyond academic success. We emphasize character-building, instilling strong social, moral, and ethical values to nurture responsible, compassionate, and conscientious citizens.
6. **Personalized Mentorship and Growth:** Every student is a valued member of our extended academic family. Through mentorship programs, personalized guidance, and interactive teaching methodologies, we support their journey toward becoming confident and well-rounded individuals.
7. **Empowering Students for Meaningful Contributions:** The ultimate goal is to inspire students to achieve their aspirations while making a positive impact on society. We aim to create a legacy of lifelong learners who are intellectually driven, morally upright, and socially responsible.

MISSION STATEMENT

1. **Innovative and Inclusive Education:** The college is committed to delivering higher education across diverse fields through innovative teaching methods, ensuring an enriching and accessible learning experience for every student.
2. **Ensuring Equal Educational Opportunities:** The mission of the college is to provide both traditional and professional education in an inclusive environment, welcoming students from all backgrounds, regardless of caste, gender, or socioeconomic status, and fostering equal opportunities for all.
3. **Empowering the Underprivileged:** The strive to uplift academically disadvantaged and underprivileged students by equipping them with the necessary knowledge, skills, and confidence to overcome challenges and achieve success.
4. **Fostering Holistic Development:** Beyond academics, we focus on instilling strong social, moral, ethical, and aesthetic values, shaping students into responsible, compassionate, and well-rounded individuals who positively contribute to society.
5. **Preparing for a Changing World:** We equip students with essential professional and technical skills, enabling them to adapt, thrive, and lead in an ever-evolving global landscape with resilience and determination.
6. **Preparing the Character and Integrity:** Education at our institution is designed to build strong character, integrity, and a sense of purpose, preparing students to lead meaningful and impactful lives that benefit both themselves and society.
7. **Shaping Responsible Citizens:** The ultimate goal is to nurture competent, socially responsible individuals who contribute significantly to the progress of humanity through their knowledge, careers, and leadership.

FUNCTIONS OF IQAC

1. **Establishing Quality Benchmarks:** Develop and implement benchmarks, standards, and parameters for academic, administrative, and support activities to drive continuous improvement within the institution.
2. **Promoting Quality Standards Awareness:** Raise awareness and understanding of quality standards in higher education among faculty, staff, students, and stakeholders through effective communication and training programs.

3. Conducting Workshops and Seminars: Organize workshops, seminars, training sessions, and interactive discussions to foster a quality-driven mindset and encourage the formation of quality circles within the institution.

4. Encouraging Best Practices: Advocate for the adoption of best practices in teaching, learning, evaluation, and administrative processes to enhance institutional efficiency and effectiveness.

5. Documenting Quality Initiatives: Maintain detailed records and documentation of all quality improvement programs, activities, and initiatives undertaken by the institution to achieve excellence.

6. Preparing Annual Quality Assurance Reports (AQAR): Compile and submit the Annual Quality Assurance Report (AQAR) to NAAC or other relevant authorities, based on established quality metrics and performance indicators.

7. Organizing Orientation Programs: Conduct orientation and capacity-building programs for faculty, administrative staff, and stakeholders to align them with quality-focused goals and practices.

8. Facilitating Faculty Development: Support the continuous professional growth of faculty members through training, research opportunities, and exposure to modern teaching tools and methodologies.

9. Enhancing Student-Centric Activities: Promote student-focused initiatives such as mentoring, counseling, skill development programs, and extracurricular activities to ensure holistic student growth and satisfaction.

10. Managing Feedback Mechanisms: Design, implement, and oversee a robust feedback system to gather inputs from students, faculty, parents, and stakeholders for assessing and improving institutional performance.

11. Monitoring and Evaluating Processes: Regularly assess and review the effectiveness of academic and administrative processes to identify areas for improvement and implement corrective actions.

12. Optimizing Infrastructure and Resources: Ensure efficient use of available resources and advocate for infrastructure development that supports quality education, research, and innovation.

13. Promoting Research and Innovation: Foster a culture of research, innovation, and interdisciplinary collaboration among faculty and students to advance knowledge and contribute to societal development.

14. Integrating Ethical Education: Incorporate ethical, moral, and value-based principles into the curriculum and extracurricular activities to nurture socially responsible individuals.

15. Collaborating with External Agencies: Partner with external organizations, industry leaders, and other institutions to benchmark quality practices and explore opportunities for mutual growth and development.

16. Engaging with the Community: 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)

PARTICIPATION IN NIRF AND AISHE

The college actively engages in two significant national initiatives aimed at evaluating and enhancing 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): Launched by the Ministry of Education, Government of India, the NIRF provides a robust framework for ranking educational institutions nationwide. It evaluates institutions based on critical parameters such as teaching and learning quality, research output, outreach activities, and institutional reputation. The college takes great pride in its active participation in this initiative, meticulously compiling and submitting data that highlight its academic excellence, state-of-the-art infrastructure, accomplished faculty, student accomplishments, and overall institutional performance. By participating in NIRF, the college benchmarks itself against top-tier institutions, reaffirming its dedication to transparency, accountability, and continuous improvement.

All India Survey on Higher Education (AISHE): The College also contributes significantly to the All India Survey on Higher Education (AISHE), an annual initiative by the Ministry of Education to collect comprehensive data on India's higher education landscape. By providing accurate and reliable information on key aspects such as student enrollment, faculty strength, infrastructure facilities, and financial resources, the college plays a vital role in shaping a detailed understanding of the nation's higher education system.

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 2019-2020 academic year. This initiative involved close collaboration with key stakeholders, including the Office of the Controller of Examinations, the Teachers' Council, and various Academic Departments of the college. Guided by the Principal, the IQAC, in coordination with the Member Secretary of the Academic Council, effectively managed the collection, compilation, and organization of inputs from these stakeholders. Their collaborative efforts ensured that all essential aspects of the academic year were carefully planned and seamlessly integrated into the calendar. The finalized academic calendar was meticulously designed to strike a balance between curricular, co-curricular, and extracurricular activities, while also accounting for holidays and proposed examination schedules.



Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

Certificate



Reference No. C-19060-2019

This is to certify that Nandan Bhattacharyya of Panskura Banamali College has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2019-2020.

(Madan Mohan)
Additional Director General

Dated: 07/05/2020

Name of the signatory



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ACADEMIC CALENDAR FOR ODD SEMESTER 2019 (JULY - DEC 2019)

Day	Month	T.D.	Month	T.D.	Month	T.D.	Month	T.D.	Month	T.D.	Month	T.D.
	JUL		AUG		SEPT		OCT		NOV		DEC	
Mon	1											
Tue	2						1					
Wed	3						2	HD				
Thu	4	HD	1				3					
Fri	5		2				4	PH	1	FF(1S)		
Sat	6		3				5	PH	2	HD		
Sun	7	WH	4	WH	1	WH	6	WH	3	WH	1	WH
Mon	8		5		2		7	PH	4	FF(1S)	2	SL
Tue	9		6		3		8	PH	5	FF(1S)	3	SL
Wed	10		7		4		9	PH	6	FF(1S)	4	SL
Thu	11		8		5		10	PH	7	FF(1S)	5	SL
Fri	12		9		6		11	PH	8	FF(1S)	6	ESE
Sat	13		10		7		12	PH	9	FF(1S)	7	ESE
Sun	14	WH	11	WH	8	WH	13	WH	10	WH	8	WH
Mon	15	IP	12	HD	9		14	PH	11	FF(3S)	9	ESE
Tue	16		13		10	HD	15	PH	12	HD	10	ESE
Wed	17		14		11		16	PH	13	FF(3S)	11	ESE
Thu	18		15	HD	12		17	PH	14	FF(3S)	12	ESE
Fri	19		16		13		18	PH	15	FF(3S)	13	ESE
Sat	20		17	BOS	14		19	PH	16	FF(3S)	14	OD
Sun	21	WH	18	WH	15	WH	20	WH	17	WH	15	WH
Mon	22		19		16		21		18	FF(3S)/IA	16	ESE
Tue	23		20		17	IA	22		19	FF(3S)IA	17	ESE
Wed	24		21	BOS	18	HD	23		20	FF(3S)IA	18	ESE
Thu	25		22		19	IA	24		21	IA	19	ESE
Fri	26		23	HD	20	IA	25		22	IA	20	ESE
Sat	27		24	AC	21	IA	26		23		21	ESE
Sun	28	WH	25	WH	22	WH	27	WH	24	WH	22	WH
Mon	29		26		23		28	PH	25	SL	23	ESE
Tue	30		27		24		29	PH	26	SL	24	
Wed	31		28		25	MOD	30	PH	27	SL	25	WR
Thu			29		26	HD	31		28	SL	26	WR
Fri			30		27				29	SL	27	WR
Sat			31		28	HD			30	SL	28	WR
Sun					29	WH					29	WH
Mon					30	MOD					30	WR
Tue											31	WR
TOTAL		26		23		17		9		13		

Member Secretary
Academic Council
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Principal
Panskura Banamali College
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Phone: 03228-252222

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HD : HOLIDAY , WH: WEEKLY HOLIDAY, AC: MEETING OF ACADEMIC COUNCIL
BOS : MEETING OF BOS, IA : INTERNAL ASSESSMENT, MOD: MODERATION
FF(3S) : FORM FILLUP FOR 3RD SEM , FF(1S) : FORM FILLUP FOR 1ST SEM
SL : STUDY LEAVE , ESE (3T) : END SEMESTER EXAM THEORY (3RD SEM).
ESE (1T) : END SEMESTER EXAM THEORY (1ST SEM)
OD : OBSERVED DAY (COLLEGE FOUNDATION DAY)

HOLIDAYS (July – December 2019)

Sl No.	Holidays		No. of Days
1.	Rathayatra	4 th July	01
2.	Id-Ud-Zoha	12 th August	01
3.	Independence Day	15 th August	01
4.	Janmastami	23 rd August	01
5.	Teachers' Day	5 th September	-
6.	Muharram	10 th September	01
7.	Viswakarma Puja	18 th September	02
8.	Birthday of Vidyasagar	26 th September	01
9.	Mahalaya	28 th September	01
10.	Birth Day of Gandhiji	2 nd October	01
11.	Puja Holidays	4 th – 20 th October	14days
12.	Kali puja to Batriditya	28 th – 30 th October	3 days
13.	Chhat Puja	2 nd November	01
14.	Birthday of Guru Nanak	12 th November	01
15.	College Foundation Day	14 th December	-
16.	X-mas day	25 th December	01
17.	Winter recess	26 th – 31 st December	5days

JMA

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ACADEMIC CALENDAR FOR EVEN SEMESTER 2020 (January - June 2020)

Day	Month	T.D.	Month	T.D.	Month	T.D.	Month	T.D.	Month	T.D.	Month	T.D.
	JAN		FEB		MAR		APRIL		MAY		JUNE	
Wed	1	HD					1					
Thu	2						2	HD				
Fri	3						3		1	HD		
Sat	4		1				4		2	FF		
Sun	5	WH	2	WH	1	WH	5	WH	3	WH		
Mon	6		3		2		6	HD	4	FF	1	ESE
Tue	7		4		3		7		5	FF	2	ESE
Wed	8		5		4		8		6	FF	3	ESE
Thu	9		6		5		9		7	FF	4	ESE
Fri	10		7		6		10	HD	8	HD	5	ESE
Sat	11		8		7		11		9	FF	6	ESE
Sun	12	WH	9	WH	8	WH	12	WH	10	WH	7	WH
Mon	13		10		9	HD	13		11	IA	8	ESE
Tue	14		11		10	HD	14	HD	12	IA	9	ESE
Wed	15	HD	12		11		15		13	IA	10	ESE
Thu	16		13	AC	12		16		14	IA	11	ESE
Fri	17		14		13		17		15	IA	12	ESE
Sat	18		15		14	IA	18		16	SL/FP	13	ESE
Sun	19	WH	16	WH	15	WH	19	WH	17	WH	14	WH
Mon	20		17		16	IA	20		18	SL	15	ESE
Tue	21		18		17	IA	21		19	SL	16	ESE
Wed	22		19		18	IA	22		20	SL	17	ESE
Thu	23	HD	20	BOS	19	IA	23		21	SL	18	ESE
Fri	24		21	HD	20		24		22	SL	19	ESE
Sat	25		22	BOS	21	MOD	25		23	SL	20	ESE
Sun	26	WH	23	WH	22	WH	26	WH	24	WH	21	WH
Mon	27		24		23		27		25	HD	22	SPOT
Tue	28		25		24		28		26	SL	23	HD
Wed	29	HD	26		25		29		27	SL	24	SPOT
Thu	30	HD	27	SPAC	26		30		28	HD	25	SPOT
Fri	31		28	SPAC	27				29	ESE	26	SPOT
Sat			29	SPAC	28	MOD			30	ESE	27	SPOT
Sun					29	WH			31	WH	28	WH
Mon					30						29	SPOT
Tue					31						30	SPOT
TOTAL		22		18		19		22		6		0

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 BOS : MEETING OF BOS, IA : INTERNAL ASSESSMENT, MOD: MODERATION
 FP : FAREWELL PROGRAMME FOR 3RD YEAR , FF : FORM FILLUP FOR ESE
 SL : STUDY LEAVE , ESE (T/P): END SEMESTER EXAM THEORY /PRACTICAL .
 SPAC : SPORTS AND CULTURAL PROGRAMME
 SPOT : SPOT EVALUATION OF ANSWER SCRIPTS

HOLIDAYS (January – June 2020)

Sl No.	Holidays		No. of Days
1.	New Year's Day	1 st January	-
2.	Swami Vivekananda Birthday	12 th January	01
3.	Pous Sankranti	15 th January	01
4.	Netaji Birth Day	23 rd January	01
5.	Republic Day	26 th January	01
6.	Saraswati Puja	29 th - 30 th January	-
7.	Shivaratri	21 th February	01
8.	Doljatra	9 th – 10 th March	02
9.	Ram Navami	2 nd April	01
10.	Mahabir Jayanti	6 th April	01
11.	Good Friday	10 th April	01
12.	Dr. B. R. Ambedkar Birthday	14 th April	01
13.	Bengali New Year's Dar	14 th April	-
14.	May Day	1 st May	01
15.	Rabindra Jayanti	8 th May	01
16.	Summer Recess	16 th May – 30 th June	34 days
17.	Id-UI- Fiter	25 th May	01
18.	Rathajatra	23 rd June	01

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FACULTY SELF-APPRAISAL AND PERFORMANCE EVALUATION

The Internal Quality Assurance Cell (IQAC) has introduced a well-structured self-appraisal process aimed at promoting professional growth and accountability among faculty members. This initiative encourages faculty to critically evaluate their teaching methods, research contributions, administrative responsibilities, and overall performance over a defined period. Faculty members prepare detailed self-appraisal reports, which are subsequently submitted for management review. This reflective exercise serves as an essential tool for acknowledging strengths, celebrating accomplishments, and identifying opportunities for further improvement.

In addition to self-appraisal, the IQAC plays a vital role in managing the Performance-Based Appraisal System (PBAS). This system assesses faculty performance using clearly defined criteria, such as teaching effectiveness, research output, publications, academic participation, and contributions to institutional development. The IQAC ensures a comprehensive review of PBAS reports, which serve as a key determinant for decisions regarding promotions and career advancements. By adhering to principles of transparency, fairness, and compliance with institutional policies, the IQAC guarantees an objective and equitable appraisal process that aligns with the institution's goals of achieving excellence in teaching, research, and overall development.

These efforts significantly contribute to enhancing the institution's academic and administrative standards, ultimately supporting its mission to deliver high-quality education and sustain institutional growth.

FEEDBACK MECHANISM

Curriculum Feedback: A well-structured feedback mechanism has been established to assess the effectiveness and relevance of the curriculum. Feedback on the syllabus is systematically gathered from a wide range of stakeholders, including students, faculty, alumni, and employers, ensuring a holistic evaluation of its alignment with industry needs and academic standards. This input is meticulously compiled and forwarded to the respective academic departments for in-depth analysis.

The academic departments conduct detailed evaluations and prepare comprehensive reports, which are then submitted to the Internal Quality Assurance Cell (IQAC). The IQAC plays a pivotal role in facilitating the communication of these findings to the relevant Boards of Studies

(BoS) for further review. Under the guidance of the IQAC, academic departments and the Boards of Studies engage in meaningful discussions to evaluate stakeholder recommendations. These deliberations lead to proposed curriculum modifications, which are rigorously reviewed, refined, and finalized by the Board of Studies and the Academic Council. The resulting updates ensure that the curriculum remains dynamic, industry-relevant, and aligned with the institution's academic objectives.

Teaching Feedback: To enhance the quality of the teaching-learning process, feedback on instructional methods is systematically collected from students through an online platform integrated into the college's ERP system. This data is analyzed to identify strengths and areas for improvement. The insights gained are shared with faculty members, encouraging them to reflect on their teaching practices and fostering continuous professional development.

In addition to this structured feedback process, the Principal engages in one-on-one discussions with faculty members, offering personalized feedback and constructive guidance for improvement. These interactions help address specific concerns and facilitate targeted professional growth. Based on the feedback received, corrective measures and enhancement initiatives are implemented to ensure that the teaching-learning process remains student-centric, dynamic, and aligned with the highest educational standards.

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, 2019 to June, 2020. The details of the programs, along with the names of the faculty members and their respective durations, are provided below:

Title of the professional development programme	Number of teachers	From Date	To date	Duration (Days)
Faculty Development Programme on Entrepreneurship	2	17.01.2020	02.02.2020	15
Faculty Development Programme on Education	2	09.06.2020	15.06.2020	7
Orientation Programme	1	04.06.2020	01.07.2020	28
Faculty Development Programme on Research Methods and Data Analysis	1	05.01.2020	15.01.2020	7

RESEARCH AND INNOVATION

Panskura Banamali College (Autonomous) is steadfast in its commitment to improve the academic excellence and innovation through its dedicated Research Center in Science, affiliated with Vidyasagar University. Primarily focused on the field of Science, the center is established for advanced research and scholarly exploration. Currently, 19 research scholars are actively engaged in rigorous studies, making significant contributions to the intellectual growth and reputation of the institution.

The quality and impact of research conducted at the center are reflected in the impressive array of publications by faculty members and scholars. Their work is consistently featured in esteemed, peer-reviewed journals indexed in globally recognized databases such as Scopus, Web of Science, and UGC CARE. Additionally, faculty and researchers have contributed to book chapters published by prestigious publishers like Taylor & Francis, Springer, and other renowned academic platforms. These achievements underscore the depth, relevance, and global standards of the college's research, reinforcing its dedication to academic excellence.

To support its thriving research community, the college provides state-of-the-art facilities and resources. Scholars have access to a well-equipped central library housing an extensive collection of books, journals, and digital resources, ensuring a strong foundation for academic pursuits. Modern laboratories further enhance the research environment, offering advanced tools and equipment for conducting scientific experiments and analyses, thereby empowering researchers to achieve their goals effectively.

During the academic year 2019-2020, the college achieved remarkable milestones in research, with 31 high-impact papers published in prestigious journals. These publications, known for their strong impact factors, highlight the institution's dedication to producing groundbreaking research that contributes to global knowledge systems and addresses real-world challenges.

Through these efforts, Panskura Banamali College continues to strengthen its position as a center of academic excellence and innovation. By advancing knowledge and tackling contemporary issues through cutting-edge research, the institution remains committed to fostering intellectual growth and societal progress.

Research Funds Sanctioned and Received From Various Agencies

Nature of the Project	Duration (Days)	Name of the funding agency	Total grant sanctioned (Lakhs)
Major Projects	730	WB-DST	6.16
Major Projects	1095	CSIR	10.67
Major Projects	1095	WB-DSTBT	10.0
Major Projects	1095	SERB	7.0
Major Projects	365	Fold scope, DBT-GOI	8

Publication in Journals

Sl	Title of the Paper	Name of Author	Title of journal	Department
1	Effect of instream sand mining on hydraulic variables of bed load transport and channel planform: an alluvial stream in South Bengal basin, India	Raj Kumar Bhattcharya, Gour Dolui, N. Das Chatterjee	Environmental Earth Sciences	Geography
2	Consequences of sand mining on water quality and instream biota in alluvial stream: a case-specific study in South Bengal River, India	Raj Kumar Bhattcharya, Gour Dolui, Nilanjana Das Chatterjee	Sustainable Water Resources Management	Geography
3	New Artificial Macrocycles accessed by Ugi four-component reaction (U-4CR)	Moumita Paira	Chemistry & Biology Interface	Chemistry
4	Magneto-structural Studies in Double Chloro- and Pseudohalo-bridged Isomorphous Dinickel(II) Complexes	Moumita Patra, Paula Brandão, Adam P. Pikul, Sarmistha Adak, A. Panja	Chemistry Select	Chemistry
5	Conceptual approach to the synthesis of symmetrical 1,3-diynes from α -bromo vinyl carboxylic acids	Dr. Raju Singha	Journal of Chemical Science	Chemistry

6	Green synthesis, characterization, antimicrobial and cytotoxic effect of silver nanoparticles using rabinoxylan isolated from Kalmegh	G N.Maity, P. Maity, I.Choudhuri, G C Sahoo, N Maity, K Ghosh, N.Bhattacharyya, S. Dalai, S. Mondal	International Journal of Biological Macromolecules"	Microbiology
7	Biological and photocatalytic activity of silver nanoparticle synthesized from Ehretia laevis Roxb leaves extract	Panja. Sudipta. Choudhuri, Indranil. Khanra. K. Pati, B. R. Bhattacharyya, Nandan.	Nano Biomed. Eng	Biotechnology
8	Impact of mobile phone uses on urban life: A study at Tamluk municipality of West Bengal, India"	Balai Adhikary, Nirmalya Das, Paramita Pramanik	International journal of Management studies	Geography
9	Quantification of River Bank Erosion, Accretion and Its Effect on Land Use: A Case Study of the Ganges (Left Bank) Upstream of Farakka Barrage, Malda District, West Bengal"	S. Guchhait	Journal of Remote Sensing & GIS	Geography
10	Land suitability assessment for potential surface irrigation of river catchment for irrigation development in Kansai watershed, Purulia, West Bengal, India.	Biplab Mandal, GourDolui & Sujan Satpathy	Sustainable Water Resources Management"	Geography
11	Estimation of Spatial Association Between Housing Price and Local Environmental Amenities in Kolkata, India Using Hedonic Local Regression"	Murari Mohan Bera, Biswajit Mondal, GourDolui, Suman Chakraborty	Applied Geography	Geography
12	Palladium-catalyzed expedient Heck annulations in 1-bromo-1,5-dien-3-ols: Exceptional formation of fused bicycles"	JayantaK. Ray, Raju Singha, Devalina Ray, Paramita Ray, DavuluriYogeswara Rao, Anakuthil Anoop	Tetrahedron Letters	Chemistry

13	Synthesis, structure and diverse coordination chemistry of cobalt (III) complexes derived from a Schiff base ligand and their biomimetic catalytic oxidation of o-aminophenols"	Narayan Ch. Jana, Moumita Patra, Paula Brandão, Anangamohan Panja	Polyhedron	Chemistry
14	Biomimetic catalytic activity and structural diversity of cobalt complexes with N3O-donor Schiff base ligand"	Narayan Ch. Jana, Moumita Patra, Paula Brandão, Anangamohan Panja	Acta	Chemistry
15	Structural and antioxidant studies of a new a rabinoxylan from green stem <i>Andrographis paniculata</i> (Kalmegh)"	Gajendra Nath Maity, Prasenjit Maity, Adhiraj Dasgupta, Krishnendu Acharya, Sudipta Dalai, Soumitra Mondal	Carbohydrate Polymers	Microbiology
16	Structural studies of a water insoluble β -glucan from <i>Pleurotus djamor</i> and its cytotoxic effect against PA1, ovarian carcinoma cells	Gajendra Nath Maity, Prasenjit Maity, Indranil Choudhuri, Nandan Bhattacharyya, Krishnendu Acharya, Sudipta Dalai, Soumitra Mondal	Carbohydrate Polymers	Microbiology
17	Structural and electrical properties of Gd-doped BiFeO ₃ : BaTiO ₃ (3:2) multiferroic ceramic materials	B. S. Kar, M. N. Goswami, P. C. Jana & P. S. Das	"Journal of Materials science:	Physics
18	Effects of Inter-modal and intra-modal interactions in a three-mode atom-molecule Bose-Einstein condensates: Squeezed states (Volume 3, Issue 1, 342-347)	Sandip Kumar Giri, Biswajit Sen, Raymond Ooi, Anirban Pathak	IJCRME	Physics
19	Motor Fitness and High Intensity Effort in University Students-A Gender Variation	Bandyopadhyay and Dalui R	Ergonomics international journal	Physiology

20	Pulmonary Functions in Volleyball and Basketball Players of Kolkata, India	Sohini Basu, Rishna Dalui, Anindita Singha Roy and Amit Bandyopadhyay	International Journal of Respiratory and Pulmonary Medicine	Physiology
21	Physical Fitness of Basketball and Volleyball Players of Kolkata, India	Sohini Basu, Rishna Dalui, Anindita Singha Roy, Amit Bandyopadhyay	International Journal of Clinical and Experimental Physiology	Physiology
22	Motor Fitness of Male Judo Practitioners and Karate Athletes of Kolkata, India	Rishna Dalui, Amit Bandyopadhyay	Journal of human ergology	Physiology
23	Physical Fitness of Male Eastern Indian Judo Players	Rishna Dalui, and Amit Bandyopadhyay	Indian Journal of Physiology and Pharmacology"	Physiology
24	Fitness Profile of Male Swimmers and Water Polo Players of Kolkata, India – a Comparative Study.	Rishna Dalui, Anindita Singha Roy and Amit Bandyopadhyay	Indian Journal of Physiology and Pharmacology"	Physiology
26	Threats to fish and fisheries of Kangsabati Reservoir, West Bengal, India."	Mrinmoy Ghorai	Proceedings of the Zoological Society"	Zoology
27	Occurrence and diversity of microalgae in phytoplankton collected from fresh water community ponds of Hooghly District, West Bengal, India. Plant Science Today	Papiya Halder, Manojit Debnath, Samit Ray	Botany Plant Science Today	Botany
28	Bharattartabid A.L. Basham: lokosanskriticarca	Jitesh Chandra Roy	History Ebong Mahua	History
29	Max'sbade Lokosanskriti Probhab	Jitesh Chandra Roy	History Ebong Mahua	History
30	Sadhinata Sangram o Rajbanshi Somaj	Jitesh Chandra Roy	History Ebong Mahua	History
31	Pracin Bharoter Mourjotro ebonj Guptojuger sikkha baebooster biboron	Jitesh Chandra Roy	History Ebong Mahua	History

Details of Functional MoUs with Institutions

Sl. No.	Name of the institution/ industry/ corporate house	Month and Year of signing MoU	Duration	List of activities under each MOU	Number of students/ teachers who benefitted from MoUs
1	Sevayatan Sikshan Mahavidyalaya, Jhargram	12.02.2019	03 (Three) Years	Institutional Visit & Developmental Issues	120 / 15
2	Vidyasagar Teachers' Training College, Medinipur	18.02.2019	03 (Three) Years	Institutional Visit & Developmental Issues	100 /20
3	WEBCON Consulting (India) Limited	28.06.2019	03 (Three) Years	Industry-Acedemia Linkage	280 / 12
4	Shree Agrasen Mahavidyalaya Post – Dalkhola, Dist. – Uttar Dinajpur, West Bengal	17.07.2019	05 (Five) Years	Institutional Visit & Developmental Issues	300/18
5	Panskura Banamali College Employees' Co-operative Credit Society Ltd.	18.07.2019	05 (Five) Years	Promote and enhance Industry-Academia linkage	200/14
6	Sri Sri University, Bidyadharpur, Cuttsck	19.09.2019	05 (Five) Years	Yoga & Allied Health Science	200/16
7	Govt. General Degree College, Kharagpur-II, Madpur, Paschim Medinipur	25.09.2019	05 (Five) Years	Development in Academic field	250/15
8	Sri Sri Institute of Agriculatural Sciences & Technology Trust	01.12.2019	03 (Three) Years	Sustainable Practices for Better Future	400 / 15
9	Subarnarekha Mahavidyalaya Gopiballavpur, Jhargram, PIN - 721506, West Bengal	22.02.2022	05 (Five) Years	Development in Academic field	300 /17

Plan of Action of IQAC of the Academic Year towards Quality Enhancement

Plan of Action	Achievements
<p>1. Curriculum Aspect</p> <p>i. The IQAC proposed different plans for introducing new syllabus for autonomous system.</p> <p>ii. The IQAC team meet the faculty members of all the academic departments for preparation of UG and PG CBCS syllabus as per UGC guideline.</p>	<p>1. The BOS of all departments regularly discussed the academic affairs mainly progression of syllabus, invitation of senior academicians from various institute and preparation of examination related activities.</p> <p>2. Monitoring the departmental discussion regarding progression of CBCS at UG and PG level.</p> <p>3. The Academic Council, Board of Studies and other committees to Governing Body discussed academic policy making issues for the development institutional activities.</p> <p>4. The Governing Body of the college approved the proposals of the IQAC and formed different committees to run the autonomy of the college.</p> <p>5. All the academic departments follow the syllabus approved by the Academic Council and Governing Body of the college.</p>
<p>2. Teaching learning evaluation</p> <p>i. Development of teaching learning process.</p> <p>ii. Monitor the examination system and analysis of result.</p> <p>iii. Follow up of departmental activities.</p>	<p>1. Resource persons are invited from different universities and research institutes for taking classes in the PG departments and for seminar lectures.</p> <p>2. Continuation of course files system to improve the academic system of the college.</p> <p>3. Analysis of department wise university result to find out the status of achievement.</p> <p>4. Continuous Internal Assessment process done properly by the departments as per the guidelines of the Vidyasagar University and proposed autonomous system.</p> <p>5. The departments have continuously done the mentor-mentee programme, preparation of wall magazine, conduct welcome ceremony for newly admitted students, farewell programme for outgoing students and departmental career counseling programme for higher studies.</p>
<p>3. Research consultancy &</p>	<p>1. The Research Centre approved by the Vidyasagar University</p>

<p>extension</p> <p>i. To monitor the research activities within the college, under Research Center in science affiliated to Vidyasagar University as per UGC guidelines.</p> <p>ii. Involvement of the teachers in research activities.</p> <p>iii. Extension work by the NSS students NCC groups</p>	<p>started its activities under the supervision of Research Steering Committee and Ph. D. committee nominated by the university.</p> <p>2. Many teachers of arts and science including the Principal are actively engaged in research project work funded by DST and UGC scheme.</p> <p>3. UGC Minor Research project has been sanctioned by UGC to Dr. Asutosh Sarkar of History Department and Responsive Research Project entitled “Globalization and Social Exclusion from Development Programmes: A Study on West Bengal on the Basis of Different Casts” has been sanctioned by Indian Council of Social Science Research to Dr. Sugata Sen of Economics Department are continued.</p> <p>4. NSS units of the college actively working on social services. NCC cadets are actively engaged in community service through Swachha Bharat programme.</p> <p>5. The students of NSS units conduct the Environment Awareness programme for local community.</p>
<p>4. Infrastructure & learning resources</p> <p>i. Monitor the up gradation of laboratories under RUSA 2.0 scheme.</p> <p>ii. Students common room maintenance.</p> <p>iii. Improve internet and library facilities.</p>	<p>1. Up gradation and renovation of laboratories such as Chemistry and Zoology has been completed under RUSA 2.0 scheme.</p> <p>2. Maintenance of two sanitary napkin vending machines and Incinerator in Girls’ common rooms in APC Building and Golden Jubilee Building. Boy’s common room modified with indoor sports facilities.</p> <p>3. All the academic department have the high-speed internet facilities including library and office.</p> <p>4. Library management system has been upgraded and library website also designed where number of books & journals are available for the student.</p> <p>5. Regular renovation works of the building inside the campus are continuously done.</p>
<p>5. Student Support & Progression</p>	<p>1. Study material for the students uploaded in the student portal by the faculty members and these are available to the students.</p>

<p>i. Academic support to the students</p> <p>ii. Inclusion of students in scholarships for financial support.</p> <p>iii. Increase infrastructural facilities for the students.</p> <p>iv. Awareness programme for the students.</p>	<p>The appointment of guest faculties in various academic departments to increase academic quality</p> <p>2. Students included under various scholarship scheme of Govt. of India and West Bengal and the total amount received for the academic year is Rs - 68982000.00</p> <p>3. The development of infrastructural facilities includes the hostel facilities for boys and girls students, gymnasium, indoor sports hall, outdoor and indoor sports facilities, class room with ICT facilities, and online admission process for both UG, PG & Training courses, Canteen, photocopy and bank facilities for the students.</p> <p>4. The IQAC encourages the members of various sub-committees to increase the awareness programme and the committee members involved the students in anti-ragging and student grievances, library use, available facilities and course awareness.</p>
<p>6. Governance, Leadership and Management</p> <p>i. Monitor the financial audit.</p> <p>ii. Follow up the rules and regulations of Higher Education.</p> <p>iii. Coordination between different committees for development.</p>	<p>1. Regular monitoring of academic affairs by IQAC.</p> <p>2. The Internal and Statutory Financial audit are completed up to 2019-20.</p> <p>3. Admission to all the courses has been done by online process.</p> <p>4. Research Center in Science in interdisciplinary mode as per the permission of Vidyasagar University run properly.</p> <p>5. Implementation of New Regulation of NCTE. in Training department.</p> <p>6. Teachers' Council and statutory and non-statutory committees on Finance, Academics, Establishment, Purchase, Library, and Women's cell, Students Grievance Redressal, Placement & Promotion worked in tune with IQAC.</p>

<p>7. Institutional Values and Best Practices</p> <p>i. Facilities for PWD students.</p> <p>ii. Maintain clean and green environment of the campus.</p>	<p>1. Development of facilities for Differently Abled (Divyangjan) students by providing special toilet.</p> <p>2. To reduce the traditional energy consumption, the produces solar power is transmitted to the main grid of the college.</p> <p>3. Initiatives has been taken for green and clean environ, the green audit has been done as per guidelines of UGC and other statutory body.</p> <p>4. Aware the students about the human values and ethics.</p>
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 Principal
 Panskura Banamali College
 (AUTONOMOUS)



Coordinator, IQAC

