

# KHANDRA COLLEGE



[www.khandracollege.ac.in](http://www.khandracollege.ac.in)

## SCIENCE EXHIBITION

on

**Science and its Applications**

**Dates: 20<sup>th</sup> & 21<sup>st</sup> JANUARY, 2024**

**TIME: 12 PM- 4 PM**

**Venue: Science Block,  
Khandra College**

# PRESIDENT'S MESSAGE

Khandra College, despite several constraints, remains invictus in its journey to keep its head high as an educational home, accommodating almost two thousand youngsters every year for their higher studies. This General Degree College erstwhile affiliated to the University of Burdwan and now to Kazi Nazrul University, Asansol, is a fast growing co-educational institution which has already established its pan-Indian identity in the educational sector by successfully coping with the hurdles of two successive cycles of accreditation under NAAC, Bengaluru in the years 2007 and 2018 respectively.

While the College may legitimately pride in showcasing two (2) ISBN volumes under its banner, its academic activities continue to be inspiring, and the proposed science exhibition under the title *Science and its Applications* is only a glimpse of the journey undertaken by the Principal, the Faculty towards perfection. I do believe that the local philanthropes, educationists, business personnel and corporate houses will extend their gracious hands for the accumulation of funds required for a successful organisation of the programme.

I would thank the Principal of the College, Dr. Pinaki Ranjan Bhattacharyya for his initiative and would also congratulate the teachers, students and members of different statutory and non-statutory committees of the College whose help and participation are instrumental in conducting the present Science Exhibition.

I do convey my best wishes to the College as an academic unit and sincerely cherish the hope that it will be conducting with its endeavour in the process of teaching-learning as also in discharge of social responsibility in the years to come.

**Sri Moloy Ghatak,  
President, Governing Body  
&  
Hon'ble Minister-in-Charge,  
Government of West Bengal**

# FROM THE DESK OF THE PRINCIPAL



**Dr Pinaki Ranjan Bhattacharyya**

A student is an ambassador bearing the insignia of the Institute throughout his life. Keeping in mind this philosophy, Khandra College always welcome a student to understand today's realities of life and makes an all-round effort to hone the skills of the young talents continuously during their association with our College and thereafter as well.

Our College always encourages a student not only to learn but also to make others learn through dissemination of knowledge, using the vast library database, computer laboratory and continuous faculty support. The College strives to create a healthy relationship between the Academia and the Industry. The commitment commences from admission and continues sometimes, even after passing out of the students handholding them for entrepreneurial activities to make the student not only a job seeker but a job creator in their life. Our motto is to make them self-dependent and contribute in creating a sustainable society. Apart from classroom teaching, the College also encourage students to participate in organising seminars, workshops and interact with Industry doyens to create a symbiotic relationship with education through continuous interaction.

I welcome you to be a part of this success story and carve out a niche for yourself.

## MESSAGE FROM CO-ORDINATOR, IQAC

The Internal Quality Assurance Cell (IQAC) of Khandra College, since its inception in the year 2014, has been looking after several academic as well as administrative affairs of the Institution in order that quality in imparting education and transparency in administration can be maintained. We are privileged to claim the credit of launching two ISBN volumes under the banner of the College, and it is also a matter of prestige for us that the college now stands accredited for the 2<sup>nd</sup> Cycle by NAAC, Bengaluru. However, conducting a Science Exhibition is wholly a new-venture for us. The Governing Body, the Teachers' Council, the Teachers of the Science Departments and the general students of the Institution are to be thanked for collectively shouldering the responsibility of conducting such an ambitious project. We do hope that our students shall surely be enriched by such an educational endeavour, and this will also stand exemplary of our commitment to the neighbouring areas. We also harbour the hope to conduct many such programmes in near future.

**Dr. Ashish Kumar Chakraborty**  
Co-ordinator, IQAC, Khandra College

## MESSAGE FROM THE BURSAR

At the outset I would like to thank the Governing Body, the IQAC, the Teachers and the students of Khandra College for their unflinching zeal in conducting the present Science Exhibition titled *Science and Well-being: Glimpses of Some Popular Practices*. We do admit that our funds are limited. Over the past few years we received scanty funds from the UGC, the State Government and other authorities. This is surely a constraint upon us, but not so much as to hinder our esteemed faculty and young students from bringing to general light their academic potential. I do congratulate every stakeholder who has actively participated in the preparation of the souvenir and chalking out the general fabrics of the present programme. We strongly hold that some of our financial constraints may be done away with by the circulation of the souvenir among benevolent contributors, and we also believe that we shall be able to organise many such programmes successfully in the future from within our limited capacity.

**Dr. Koustav Roy,**  
Bursar, Khandra College

# ABOUT THE EXHIBITION

In today's world, when man is looking for life beyond the solar system and establishing satellite connectivity for greater ease in the transaction of daily business, it goes without saying that science plays a pivotal role in shaping and modulating the course of human activities. Still it is a pity that a great number of people in a developing nation like that of ours are still lagging behind in so far as a general awareness regarding scientific progress is concerned. It therefore becomes an inescapable responsibility of Higher Educational Institutions in India to demonstrate their commitment to the society by creating mass awareness of different progresses envisaged in science by the side of promoting formal education.

Keeping this tune in mind, Khandra College, located in a colliery region, far away from the benefits of the metropolis, decided to open Higher Educational courses in science 2014 onwards. Now we are having seven (7) academic departments in the science stream with well-equipped laboratories, academic infrastructure and qualified teachers committed to the well-being of the institution as an academic unit. While every year a number of successful students obtain their under-graduate degrees to add to our pride, we strongly hold that it is also high time for us to bear the signature of our greater commitment to the neighbouring community which is often found to be prone to illiteracy, malnutrition and deadly diseases owing to a lack of scientific awareness.

As proposed by the President of our Governing Body, Sri Moloy Ghatak, Hon'ble Minister-in-Charge, West Bengal, a Science Exhibition under the banner of the college is the need of the moment, and motivated by his undaunted spirit, the Principal, the IQAC and the Science Departments of Khandra College are now intent upon organising a two-day Science Exhibition in the College premises not only for the sake of giving a boost to the faculty and the students, but also to cater general science awareness among the common people of the neighbouring community.

The Exhibition will comprise chart presentation, sample display and on-spot experimentation including blood-group testing, measurement of blood-pressure and blood-sugar level, etc. We do hope that the young students of the neighbouring schools will take immense interest in the biological samples and on-spot experiments, while it will be beneficial for the elderly community as a means of a very primary health check-up.

We do acknowledge our debts to the Hon'ble President, the Principal, the Co-ordinator (IQAC), the Teachers, general students and every stake-holder of the Khandra College family who have shown their commitment to a successful organisation of the event. We shall deem our labours rewarded if we can succeed in creating a general awareness of science among the people of the neighbouring community, whose lives are invariably tuned to the College, and the College exists for whose sake.

# SCIENCE EXHIBITION

## COMMITTEE

	Names	Designation
<b>Patron</b>	Sri Moley Ghatak	President, Governing Body and Hon'ble Minister-in-Charge, Govt. of West Bengal
<b>Chairperson</b>	Dr. Pinaki Ranjan Bhattacharyya	Principal
<b>Organising Secretary</b>	Dr. Ashish Kr Chakraborty	Co-ordinator, IQAC
<b>Joint-Convenors</b>	Dr. Abhisek Bhattacharya	Associate Professor in English
	Dr. Sandip Tah	Assistant Professor in Geography
<b>Treasurer</b>	Dr. Koustav Roy	Bursar
<b>Executive Committee</b>	Shri Jagatpati Mitra	Member, GB
	Shri Sharan Saigal	Member, GB
	Shri Biswanath Dhibar	Member, GB
	Shri Prasanta Panda	State-Aided College Teacher in Mathematics
	Smt. Binita Nandi	State- Aided College Teacher in Chemistry
	Smt. Pritisha Roy	State- Aided College Teacher in Chemistry
	Smt. Piyali Chakraborty	State- Aided College Teacher in Zoology
	Smt. Ranita Gupta	State- Aided College Teacher in Zoology
	Smt. Uttama Dey	State- Aided College Teacher in Botany
Smt. Gopali Shampa Roy	State- Aided College Teacher in Botany	
<b>Associate Members</b>	Prof. Dhiren Mandi	Secretary, Teachers' Council
	Dr. Sudipa Chowdhury	Associate Professor in Bengali
	Dr. Debarati Das	Assistant Professor in Economics
	Prof. Shubhalaksmi Ray Chowdhury	Assistant Professor in Political Science

# ABOUT THE COLLEGE

Khandra College, a co-educational institution imparting higher education, is located at Khandra, Dist. Paschim Bardhaman, West Bengal (Lat-23° 06' 33'' N & Long-87° 22' 0'' E). The college was established in 1981 under the leadership of late Amalendu Bakshi, a local Philanthrope, to cater higher education among the boys and girls of the surrounding area. The primary motto was to set up a minimum infrastructure for imparting higher education to young students who were mostly first-generation learners coming from economically backward strata of the society. The effort was soon acknowledged by the Government of West Bengal, and in the year of its inception the University of Burdwan accorded affiliation to the college as a co-educational institution for higher studies.

The Academic activities of the College were inaugurated in 1981 with only B.A. General Course of studies in Bengali, English, History, Philosophy, Sanskrit, Political science and Economics with few students. In 1985 B.com General Course was introduced and 1996 onwards Honours Courses of studies in the aforestated disciplines were made accessible to the students.

The College, which was born an unknown sapling upon the mining crags of Ukhra and Andal, far away from the glitter of the metropolis, may now boast of holding fourteen Major Courses of studies in its branches by the side of twenty Minor courses of studies to enrich its foliage. This has become possible as a consequence of the combined efforts rendered by the Teachers, the Students, the local people and each and every staff member of the institutional family.

Khandra College received its Assessment and Accreditation by NAAC for the First Cycle in the year 2007. Our efforts were once more acknowledged when we received accreditation by NAAC for the second cycle in 2018. Now we are looking forward to a newer dimension in our attempts to embrace the NEP 2020 guidelines in imparting Higher Education to our students through various academic, administrative and co-curricular activities.

# THE GOVERNING BODY

Sl. No.	Member Name	Designation
1.	Mr. Moloy Ghatak	Hon'ble M-I-C, & President
2.	Mr. Jagatpati Mitra	Nominee of W.B.S.C.H.E
3.	Mr. Saran Saigal	Govt. Nominee
4.	Mr .Shyama Prasad Bhattaharyya	Govt. Nominee
5.	Dr. Lakshmi Narayan Neogi	University Nominee
6.	Dr. Mousumi Ghosh	University Nominee
8.	Dr. Sudipa Chowdhury	Teachers' Representative
9.	Dr. Ashish Kumar Chakraborty	Teachers' Representative
10.	Dr. Sandip Tah	Teachers' Representative
11.	Sri Biswanath Dhibar	Non-teaching Representative
7.	Dr. Pinaki Ranjan Bhattacharyya	Principal & Ex-officio Secretary, G.B.
12.	General Manager, Bankola Area, ECL	Donor Member

# THE IQAC

Sl. No.	Member Name	Designation
1.	Dr. Pinaki Ranjan Bhattacharyya, Principal	Chairperson
2.	Dr. Ashish Kr. Chakraborty	Co-ordinator
3.	Dr. Abhisek Bhattacharya	Teacher Member
4.	Dr. Sandip Tah	Teacher Member
5.	Prof. Sadiya Pravin	Teacher Member
6.	Prof. Dhiren Mandi	Teacher Member
7.	Prof. Amrita Sett	Teacher Member
8.	Prof. Tapas Ghosh	Teacher Member
9.	Prof. Shubhalaksmi Raychowdhury	Teacher Member
10.	Dr. Debarati Das	Teacher Member
11.	Smt. Rianka Banerjee	Alumni Representative
12.	Shri Ranjit Mukherjee	Management Representative
13.	Shri Jagatpati Mitra	Representative of Social Stakeholder
14.	General Manager, Bankola Area, ECL	Representative of Industrial Stakeholder



# TEACHING FACULTY

## DEPARTMENT OF BENGALI

Teaching Faculty	Designation
Dr. Sudipa Chowdhury	Associate Professor
Dr. Uday Sardar	Assistant Professor
Prof. Rajat Hembram	Assistant Professor
Mrs. Geeta Halder	SACT II
Mr. Indrajit Ghosh	SACT II
Mr. Soumitra Singha Mahapatra	SACT II
Mr. Joydeb Karmakar	SACT II

## DEPARTMENT OF ENGLISH

Teaching Faculty	Designation
Dr. Abhisek Bhattacharya	Associate Professor
Mr. Gopinath Banerjee	SACT II
Mrs. Sudipta Chowdhury	SACT II
Mrs. Rianka Banerjee	SACT I

## DEPARTMENT OF HINDI

Teaching Faculty	Designation
Prof. Sadiya Pravin	Assistant Professor
Dr. Anju Singh	SACT I
Mr. Arun Kumar Sah	SACT I
Mr. Aman Vishwakarma	SACT I
Ms. Priti Singh	SACT I

## DEPARTMENT OF HISTORY

Teaching Faculty	Designation
Prof. Amrita Sett	Assistant Professor
Mr. Kajal Kanti Bandyopadhyay	SACT II
Mrs. Rakhi Dhar	SACT II
Dr. Kalyani Garai	SACT I
Mr. Sudip Kr. Sadhu	SACT II

## DEPARTMENT OF POLITICAL SCIENCE

Teaching Faculty	Designation
Dr. Ashish Kr. Chakraborty	Associate Professor
Prof. Shubhalaksmi RayChowdhury	Assistant Professor
Ms. Prity Verma	SACT I
Mr. Arup Dutta	SACT II

**DEPARTMENT OF GEOGRAPHY**

<b>Teaching Faculty</b>	<b>Designation</b>
Dr. Sandip Tah	Assistant Professor
Mr. Biswajit Ghosh	SACT II
Ms. Chumki Mondal	SACT I
Mr. Sanatanu Jharimuni	SACT II

**DEPARTMENT OF ECONOMICS**

<b>Teaching Faculty</b>	<b>Designation</b>
Dr. Debarati Das	Assistant Professor
Mrs. Munmun Nanda	SACT II

**DEPARTMENT OF SANSKRIT**

<b>Teaching Faculty</b>	<b>Designation</b>
Prof. Dhiren Mandi	Assistant Professor
Dr. Sumita Mandal	Assistant Professor
Mr. Tarak Nath Nayak	SACT I
Ms. Mitali Sen	SACT I
Mr. Animesh Mondal	SACT II
Ms. Kripasindhu Ruj	SACT II

**DEPARTMENT OF PHILOSOPHY**

<b>Teaching Faculty</b>	<b>Designation</b>
Prof. Tapas Ghosh	Assistant Professor
Mrs. Tanushree Mondal	SACT II
Ms. Chameli Sharma	SACT II
Ms. Madhumita Mondal	SACT II
Mr. Sumit Mahato	SACT I

**DEPARTMENT OF MUSIC**

<b>Teaching Faculty</b>	<b>Designation</b>
Mrs. Lalima Chakrabarty Banerjee	SACT II

**DEPARTMENT OF MULTIMEDIA AND MASS COMMUNICATION**

<b>Teaching Faculty</b>	<b>Designation</b>
Mrs. Piu Benerjee	SACT II

**DEPARTMENT OF EDUCATION**

<b>Teaching Faculty</b>	<b>Designation</b>
Mrs. Ananya Sengupta (Dasgupta)	SACT II

**DEPARTMENT OF SOCIOLOGY**

<b>Teaching Faculty</b>	<b>Designation</b>
MS. Sulakshmana Chattaraj	SACT II

**DEPARTMENT OF PHYSICAL EDUCATION**

<b>Teaching Faculty</b>	<b>Designation</b>
Md. Julfiker	SACT II

**DEPARTMENT OF CHEMISTRY**

<b>Teaching Faculty</b>	<b>Designation</b>
Mrs. Binita Nandi	SACT II
Mrs. Pritisha Roy	SACT II

**DEPARTMENT OF MATHEMATICS**

<b>Teaching Faculty</b>	<b>Designation</b>
Mr. Prasanta Panda	SACT II

**DEPARTMENT OF BOTANY**

<b>Teaching Faculty</b>	<b>Designation</b>
Mrs. Uttama Dey	SACT II
Mrs. Gopali Shampa Roy	SACT II

**DEPARTMENT OF ZOOLOGY**

<b>Teaching Faculty</b>	<b>Designation</b>
Ms. Piyali Chakraborty	SACT II
Mrs. Ranita Gupta	SACT II

**DEPARTMENT OF COMMERCE**

<b>Teaching Faculty</b>	<b>Designation</b>
Dr. Koustav Roy	Assistant Professor
Mr. Dipankar Saha	Assistant Professor
Mr. Kundan Rajak	Assistant Professor
Mr. Kapileswar Nandi	SACT II
Mr. Prabhat Dutta	SACT II
Mr. Volanath Mondal	SACT I

# NON-TEACHING STAFF

Name	Designation
Mr. Ranjit Mukherjee	Cashier
Mr. Biswanath Dhibar	Clerk
Mr. Arpan Sarkar	Clerk
Mr. Subinoy Dey	Clerk
Mr. Gour Gopal Mondal	Electrician Cum Care Taker
Mrs. Shantana Dewasi	Geography Lab Attendant
Mr. Swapan Ruidas	Guard
Smt. Kajoli Ruidas	Sweeper
Mr. Sisir Sen	Part Time Gymnasium Attendant
Mr. Kartick Ruidas	Karmabandhu
Mr. Bhakti Pada Ruidas	Casual Staff
Mr. Bidhan Mondal	Casual Staff
Mr. Anath Nandi	Casual Staff
Mrs. Samapti Khan	Casual Staff
Mr. Sevak Banerjee	Casual Staff
Mr. Rahul Banerjee	Casual Staff
Mr. Parijit Roy	Casual Staff
Mr. Anand Sharma	Casual Staff
Mr. Gopal Mondal	Casual Staff
Mr. Chotton Ruj	Casual Staff
Mr. Ashrujit Mitra	NWNP Staff
Mr. Arun Banerjee	NWNP Staff
Mr. Dolon Karmakar	NWNP Staff
Mr. Biswajit Mondal	NWNP Staff
Mr. Subhajit Ghosh	NWNP Staff

# RATE CHART

Types	Amount (Rs.)
Front Inner (Colour) Full	1,50,000
Back (Colour) Full	3,00,000
Back Inner (Colour) Full	1,50,000
Inside Pages (Colour) Full	50,000
Inside Pages (Colour) Half	30,000
Inside Pages (B/W) Full	30,000
Inside Pages (B/W) Half	20,000

**Date of submitting application** (form-enclosed here-in): **08/01/2024**

**Last Date of submitting application:** **12/01/2024**

**Mode of Payment:** Account Payee Cheque in favour of KHANDRA COLLEGE DEVELOPMENT FUND, A/C No.-11845467803, IFSC- SBIN0006579, SBI KHANDRA BRANCH

NEFT/ Electronic Fund Transfer- KHANDRA COLLEGE DEVELOPMENT FUND, A/C No.-11845467803, IFSC- SBIN0006579, SBI KHANDRA BRANCH

# CONSENT FORM

(Please separate this form from the Brochure and send it to the Office of the Principal, Khandra College, P.O. Khandra. Dist: Paschim Bardhaman, Pin- 713363, after carefully filling up all mandatory fields, by registered/ speed post, by 08/01/2024).

To  
The Principal,  
Khandra College,  
Khandra, Paschim Bardhaman

**Sub: Consent of Advertisement for Science Exhibition Souvenir, 2023-2024**

Sir,  
I/We am/are glad to inform you that I/we would like my/our goodwill message to appear at the inner front cover/ back cover/ inner-back cover/ inside pages and colour/ Black and White format and in full/half-length size.

The matter for advertisement will be as

.....  
.....  
.....

We agree to pay Rs. 3,00,000/1,50,000,/50,000/30,000/ 20,000 in favour of KHANDRA COLLEGE DEVELOPMENT FUND, A/C No.-11845467803, IFSC- SBIN0006579, SBI KHANDRA BRANCH by Account Payee cheque/NEFT/Electronic Fund Transfer.

I/We wish great success of the upcoming event.

Thanking You,

I/We remain Sir,  
Yours Sincerely,

.....

## **Contact may be made to:**

Dr. Koustav Roy, 9330272728

Dr. Abhisek Bhattacharya, 9874382850

Dr. Sandip Tah, 9475845108

Mr. Subinoy Dey, 9851820804

**Any image/ photo/ other relevant matter may be sent electronically to the following e-mail address:**

[info@khandracollege.ac.in](mailto:info@khandracollege.ac.in)



**THANK YOU**