

Mastering the Art of Teaching: An Advanced Pedagogical Blueprint for Effective Educators

The programme has been jointly organized by the Directorate of Technical Education, Government of West Bengal and Government College of Engineering and Ceramic Technology during 06.07.2026 to 10.07.2026.

**TARGET GROUP**

Faculty members of Government and Technological Institute of West Bengal.

Selection of the participants will be based on first come and first serve basis. The institute's decision will be final in the selection of participants.

**OBJECTIVE OF THE COURSE**

In the rapidly evolving landscape of technical and higher education, the educators must be dynamic facilitators who can translate complex concepts into engaging, digestible learning experiences.

**OUTCOME OF THE COURSE**

After completion the programme, the participants will be able to

- Identify Characteristics of effective teaching
- Explain teaching methods, strategies and skills
- Demonstrate pedagogy for creating effective learning environment
- Demonstrate lesson planning for innovative teaching
- Demonstrate effective lesson delivery

**DETAILS OF REGISTRATION**

forms.gle/IDGCedChuViyXns9



FREE REGISTRATION FOR ALL PARTICIPANTS



Certificate of Participation will be awarded upon successful completion of all modules and the final micro-teaching demonstration.

**ABOUT THE COLLEGE**

Government College of Engineering and Ceramic Technology, then known as the Bengal Ceramic Institute, was established on 3rd April, 1941 with a view to impart education in Ceramic Technology along with hands-on training in traditional pottery and other conventional ceramic products in the college itself. Subsequently, the institute was transformed from a mono-disciplinary institution into a multidisciplinary one with the introduction of the Information Technology and Computer Science & Engineering departments. The affiliation of the college also changed from the University of Calcutta to Maulana Abul Kalam Azad University of Technology (formerly West Bengal University of Technology) in 2001. Now, the institute conducts B.Tech., M.Tech., and Ph.D. programmes in Computer Science and Engineering, Information Technology, and Ceramic Technology. The institution is autonomous and accredited with Grade A by NAAC.

**CHIEF PATRONS**

Dr. Anindita Ganguly
Director of Technical Education, Government of West Bengal

Prof. (Dr.) Krishnendu Chakrabarty
Principal, Government College of Engineering and Ceramic Technology

**PATRON**

Prof. (Dr.) Pinaki Mukherjee
Professor and IQAC Coordinator
Government College of Engineering and Ceramic Technology

**COORDINATOR**

Dr. Partha Halder
Assistant Professor in Mechanical Engineering;
Government College of Engineering and Ceramic Technology, Kolkata

E-mail: parthahalder@gcect.ac.in
Mobile: (+91) 9432519373



GOVERNMENT COLLEGE OF ENGINEERING AND CERAMIC TECHNOLOGY
(An Autonomous, NAAC Accredited A Grade Institute under MAKAUT)

85 YEARS OF Academic Excellence 1941-2026



One Week Faculty Development Programme on

MASTERING THE ART OF TEACHING:

An Advanced Pedagogical Blueprint for Effective Educators

 **July 6, 2026 to July 10, 2026**

Jointly Organized by

Directorate of Technical Education, Government of West Bengal & Government College of Engineering and Ceramic Technology (An Autonomous, NAAC Accredited A Grade Institute under MAKAUT)



RESOURCE PERSON

Prof. (Dr.) Urmila Kar
Professor & HOD, (Retd.) Technical Education & Management, National Institute of Technical Teachers' Training & Research, Kolkata

Brochure used for circulation and we have received 54 registrations

Mastering the Art of Teaching: An Advanced Pedagogical Blueprint for Effective Educators

The following are the banners used in the standee and as the backdrop banner throughout the programme



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AND CERAMIC TECHNOLOGY**
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Government of West Bengal

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The inaugural day i.e. 6th July was the 125th Birth anniversary of Dr. Syama Prasad Mookerjee and therefore the inaugural session was a combination of inaugural session to celebrate both the great causes.

The inaugural session's programme schedule is given below:

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GOVERNMENT OF WEST BENGAL
GOVERNMENT COLLEGE OF ENGINEERING & CERAMIC TECHNOLOGY
(AN AUTONOMOUS INSTITUTE UNDER M.A.K.A.U.T.)
73, Abinash Chandra Banerjee Lane, Kolkata – 700 010
URL : www.gcect.ac.in E-Mail : gcectwb@gmail.com

Valedictory Ceremony of Dr. Syama Prasad Mookerjee Fortnight Observance (23.06.2026 – 06.07.2026)
and
Inauguration of one-week Faculty Development Programme on Mastering the Art of Teaching:
Advanced Pedagogical Blueprint for effective educator (06.07.2026 to 10.07.2026)

- **Date:** Monday, 06 July 2026
- **Time:** 10:30 a.m. onwards
- **Venue:** 3¹/₂ floor Seminar Hall, Government College of Engineering & Ceramic Technology

The Government College of Engineering & Ceramic Technology (GCECT) has observed Dr. Syama Prasad Mookerjee Fortnight from 23 June 2026 to 06 July 2026 to commemorate the life, vision and enduring contributions of Dr. Syama Prasad Mookerjee, one of India's eminent educationists, parliamentarians, statesmen and nation builders. Throughout the fortnight, the College organized a series of academic and commemorative activities, including a debate competition, an Essay Competition, an Exhibition, and awareness programmes through Memorial Lectures, to inspire students to appreciate Dr. Mookerjee's contributions to higher education, national integration and nation building. The **Valedictory Ceremony** marks the formal conclusion of the observance.

On the same day we are inaugurating **one week FDP** for the faculties of Government Engineering and Technological Colleges to acknowledge the contribution of Dr. Syama Prasad Mookerjee in higher education.

Our College is privileged to welcome distinguished dignitaries from the Directorate of Technical Education, Government of West Bengal, Principal of different Colleges, eminent academicians, faculty members, staff and students to this special occasion.

Programme Schedule

Time	Programme
11:00 a.m.	Arrival and Welcome of the Hon'ble Dignitaries
11:05 a.m.	Floral Tribute to Dr. Syama Prasad Mookerjee
11:10 a.m.	Welcoming the dignitaries with Uttorio and memento
11:15 a.m.	Welcome Address by Hon'ble Principal, Professor (Dr.) Krishnendu Chakrabarty, Principal, Government College of Engineering & Ceramic Technology
11:30 a.m.	Address by Prof. (Dr.) Urmila Kar, the resource person for the FDP
11:45 a.m.	Address by the Hon'ble Director of Technical Education, Dr. Anindita Ganguly, Government of West Bengal
12:05 p.m.	Keynote Address by Dr. Pragati Bandopadhyay, Assistant Professor, Department of History, St. Xavier's College (Autonomous), Kolkata, on the occasion of the Closing Ceremony of the Dr. Syama Prasad Mookerjee Fortnight Observance
12:45 p.m.	Q&A session
12:55 p.m.	Vote of Thanks by Sandip Sarkar, Convener, Dr. Syama Prasad Mookerjee Fortnight Observance Committee
12:59 p.m.	National Anthem
1:00 p.m.	High Tea
1:30 p.m. onwards	Faculty Development Programme (FDP)

Organized by
Government College of Engineering & Ceramic Technology
73, A. C. Banerjee Lane, Kolkata – 700010

Some of the images from the inaugural sessions are given below:

Mastering the Art of Teaching: An Advanced Pedagogical Blueprint for Effective Educators



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Some images from the valedictory sessions are given below:



The briefing about the programme is given below:

Mastering the Art of Teaching: An Advanced Pedagogical Blueprint for Effective Educators

We started this journey five days ago with a profound, introspective question: "Am I an effective educator?"

Over the course of this week, we didn't just look for answers; we built a blueprint under the guidance of Prof. (Dr.) Urmila Kar. We dove deep into the vision of NEP 2020 and embraced the core philosophies of Outcome-Based Education (OBE). We didn't just talk about theory; we learned practical, ground-level execution. We learned exactly how a second-day class should be started—by seamlessly taking feedback from the first class to bridge the learning gap.

We decoded the science of formatting:

- COs and ILOs, and the meticulous art of their mapping.
- Diverse teaching methods and the essential modern skills required to survive and thrive in today's classrooms.
- Shifting from passive lecturing to Active Learning, utilising tools like concept maps, mind maps, collaboration, and cooperation.
- The anatomy of a perfect lesson plan.

Ultimately, we learned how to create a "Thinking Classroom." Through preparing rigorous tasks and demonstrating them over these five days, we proved that we are not just teachers—we are lifelong learners.

To our Respected Principal, Prof. (Dr.) Krishnendu Chakrabarty, Thank you for everything. Thank you for not just administrating, but for sitting through the programme with us, guiding us at every single moment.

To our Honourable DTE Madam: Our sincere thanks for her unwavering support and vision, which guided this FDP.

Some of the links for advertisement in social media by the coordinator about the programmes are given below:

<https://www.facebook.com/share/p/14jaEdoA72v/>

<https://www.facebook.com/share/p/1D5kV9vzUk/>

<https://www.facebook.com/share/p/1B8rx8QffT/>

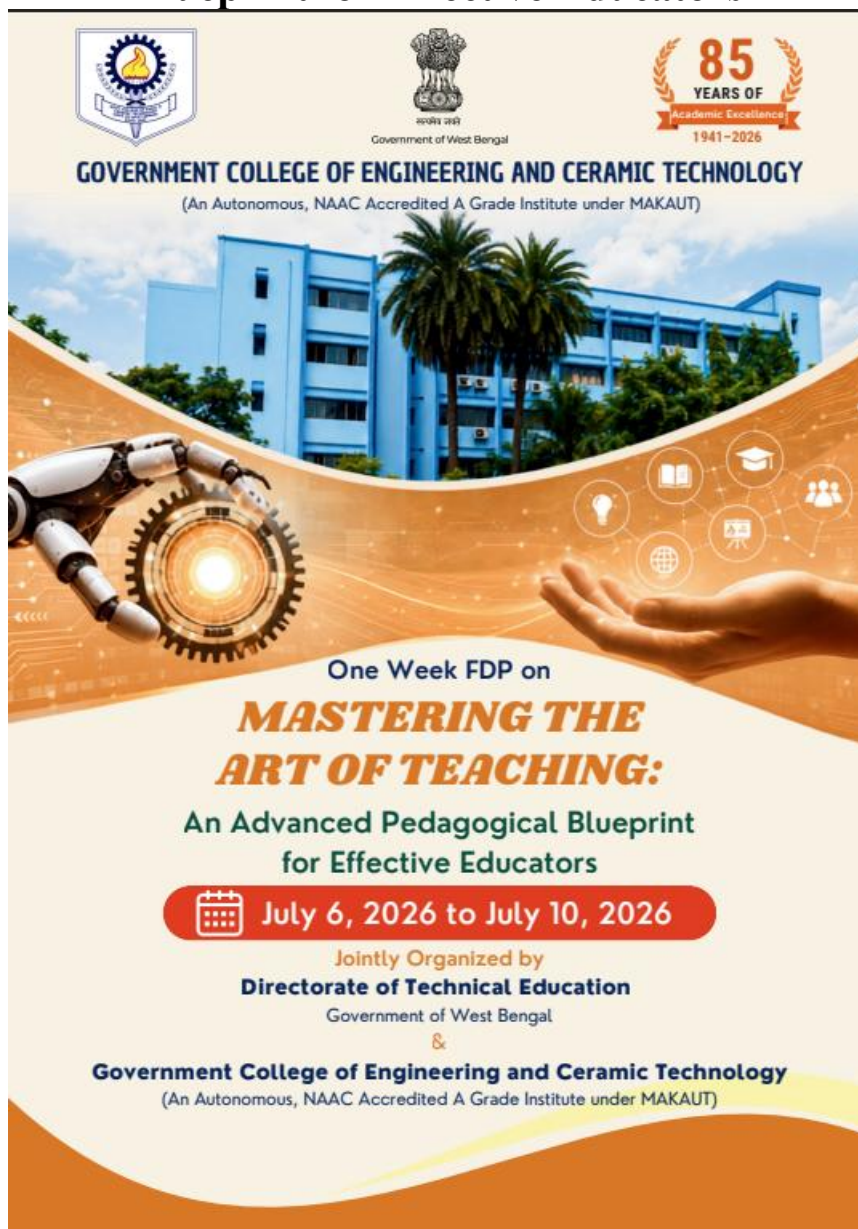
The same was also uploaded in college website for wide circulation:

<https://gcect.ac.in/wp-content/uploads/2026/07/GCECT-Seminar-Mastering-the-Art-of-Teaching.pdf>

Mastering the Art of Teaching: An Advanced Pedagogical Blueprint for Effective Educators

A notepad was given to each of the participants which were spiral bound in the college itself and the first five pages are given below:

Mastering the Art of Teaching: An Advanced Pedagogical Blueprint for Effective Educators



The poster features a central image of a blue building with palm trees. Overlaid on this is a graphic of a robotic hand holding a glowing gear, and a human hand reaching out towards a cluster of educational icons (lightbulb, book, graduation cap, globe, presentation, group of people). The background is a warm orange gradient with circuit-like patterns.

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One Week FDP on
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Mastering the Art of Teaching: An Advanced Pedagogical Blueprint for Effective Educators

ABOUT THE INSTITUTE



GOVERNMENT COLLEGE OF ENGINEERING AND CERAMIC TECHNOLOGY

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EVOLUTION OF THE INSTITUTE

- The Government College of Engineering and Ceramic Technology, then known as the "Bengal Ceramic Institute", was established on 3rd April 1941 to impart education and hands-on training in Ceramic Technology. Its primary objective was to provide vocational skills to displaced persons from East Bengal, enabling them to earn a livelihood. A B.Sc. (Tech.) degree course in Ceramic Technology under the University of Calcutta was introduced in 1962. The institute later evolved into a multidisciplinary institution with the introduction of Information Technology and Computer Science & Engineering departments. Subsequently, the Higher Education Department of the Government of West Bengal renamed it as the Government College of Engineering and Ceramic Technology. In 2001, the college affiliation shifted from the University of Calcutta to Maulana Abul Kalam Azad University of Technology (MAKAUT), formerly WBUT.
- The institution began with modest aspirations and gradually emerged as a prestigious center of technical education. Its alumni have made significant contributions to ceramics, research, industry, and academia in India and abroad. For many years, it remained the only full-fledged college in the country offering a degree in Ceramic Technology. The B.Sc. (Tech.) degree was later redesignated as B.Tech. in Ceramic Technology, alongside the introduction of B.Tech. programs in Information Technology and Computer Science & Engineering.
- The college had a strong tradition of research even at the undergraduate level, producing a considerable number of Ph.D. scholars. The M.Tech. program in Ceramic Technology was introduced in 2006-07. The institute successfully implemented the World Bank-assisted TEQIP-I program, receiving ₹7.36 crore to enhance academic curricula and infrastructure. To meet evolving industry demands, M.Tech. programs in Information Technology and Computer Science & Engineering were introduced in 2012 and 2024 respectively.
- The introduction of M.Tech. programs in Ceramic Technology, Information Technology, and Computer Science & Engineering significantly expanded the scope for research and innovation. This growth is reflected in the increasing number of sponsored research projects and the rising interest among faculty members and scholars in pursuing doctoral studies.
- The Government College of Engineering and Ceramic Technology became the first Government Engineering College in West Bengal to receive NAAC accreditation with an 'A' Grade in 2015. The institute successfully retained the same grade during the second cycle of accreditation.
- The undergraduate program in Ceramic Technology has received NBA accreditation twice. Additionally, the undergraduate program in Information Technology and the postgraduate program in Ceramic Technology have also been accredited by NBA. Renewal processes for these accreditations are currently underway.
- The institute continues its journey toward becoming a center of excellence through the dedicated efforts of its faculty, staff, and students. With excellence as its guiding principle, the college pursued academic autonomy to facilitate faster implementation of reforms. It was granted autonomous status by UGC from 2012 to 2018 and subsequently received a second term of autonomy from 2018 to 2023. The institute has again received autonomy for 10 years upto 2032-2033 for a third cycle.
- Strong connections with its alumni, who hold important positions in industries and academic institutions across India and abroad, have enhanced the college's training and placement opportunities. Their guidance and industry insights contribute significantly to the institution's future-oriented development.
- The philosophy of continuous improvement is embedded in the vision of the college through the establishment of the Internal Quality Assurance Cell (IQAC). The IQAC plays a crucial role in monitoring, facilitating, and ensuring quality across all academic and administrative activities. By effectively utilizing institutional resources, the cell aims to transform every department into a center of excellence in the future.

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Areas of Thrust

- Imparting technical knowledge along with sound communication skill, both verbal and written, and providing scope for internship in industry.
- Conducting NSS activities under the guidance of motivated faculties and encouraging students to participate in various types of competitions and cultural functions, including celebration of International and National Days, and organizing motivating lectures by eminent persons from different walks of life of the society.
- Imparting industrial training to provide the scope of extended practical learning and arranging group discussions and seminars to enhance general promptness of mind and the ability of self-learning.
- More collaboration with industries and reputed institutions.
- Industrial training of the members of faculties.
- Start-up facilities for the students.
- Encourage students to enroll for higher studies.
- Encourage students to undertake research activities.

Our Vision

To cultivate excellence in various fields of engineering and technology by imparting core knowledge to the students and to transform the institution into a centre of academic excellence and advanced research apart from producing skilled technologists.

Our Mission

- To impart high quality technical education that will produce globally competitive engineers & technologists.
- To inculcate entrepreneurial skill and leadership quality amongst potential students.
- To motivate students in acquiring & eventually generating advanced knowledge.
- To create compassionate, responsible and innovative global citizens.
- To strengthen institute-industry interaction to make the students aware of real problems in the industries & solution thereof.

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Programmes

UNDER GRADUATE PROGRAMME:

1. B.Tech. in Ceramic Technology - Intake 40
2. B.Tech. in Information Technology - Intake 40
3. B.Tech in Computer Science & Engineering - Intake 40

POST GRADUATE PROGRAMME:

1. M.Tech.in Ceramic Technology - Intake 18
2. M.Tech. in Information Technology - Intake 18
3. M.Tech in Computer Science & Engineering (A.I. & M.L.) - Intake 18

Ph. D. PROGRAMME:

1. Department of Ceramic Technology
2. Department of Information Technology
3. Department of Computer Science & Engineering

Best Practices

-
1. Implementation of students' mentoring process
 2. Special Focus on development of skill and placement-based training in Engineering Education.
 3. Conferment of Medals to the best performers in the final examination on the Graduate day
 4. Viewing of answer script before finalization of grades.
 5. Research and development activities in relevant engineering disciplines and allied fields of basic science
 6. Introduction of online teaching and evaluation
 7. Introduction of tools to calculate percentage attainment of course outcomes and map questions against course outcomes in all levels of examinations.
 8. Maintaining strong tradition of socio-cultural activities in order to imbibe a good value-system among the students
 9. Promotion of national Integration in Campus and participation of students and faculties members as key leaders.
 10. Services to community by organizing different skill development programs by different departments of the Institute.
 11. Health care initiatives extended to local community
 12. Creation and continuation of development fund in tandem with Alumni Association of GCECT

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FDP OVERVIEW

MASTERING THE ART OF TEACHING: AN ADVANCED PEDAGOGICAL BLUEPRINT FOR EFFECTIVE EDUCATORS



OBJECTIVES OF THE COURSE

- ✓ In the rapidly evolving landscape of technical and higher education, subject-matter expertise alone is no longer sufficient. Today's educators must be dynamic facilitators who can translate complex concepts into engaging, digestible learning experiences.
- ✓ "Mastering the Art of Teaching" is an intensive, one-week FDP designed to bridge the gap between traditional instruction and modern, evidence-based pedagogy. This programme provides a comprehensive blueprint to transform your teaching approach, from the foundational philosophy of education to the practical execution of innovative lesson plans.



OUTCOMES OF THE COURSE

- After completion the programme, the participants will be able to
- ✓ Identify Characteristics of effective teaching
 - ✓ Explain teaching methods, strategies and skills
 - ✓ Demonstrate pedagogy for creating effective learning environment
 - ✓ Demonstrate lesson planning for innovative teaching
 - ✓ Demonstrate effective lesson delivery



CRITERIA FOR AWARDING CERTIFICATE



Minimum 80% Attendance
80% attendance is mandatory for awarding the certificate.



Active Participation
Active participation and completion of activities in all sessions are mandatory.



Feedback & Assessment
Submission of feedback form and completion of assessment process are required.



Certificate will be provided **only to those who fulfill the above criteria.**

EVENT GALLERY

Scan to access images and soft version of certificates after completion of the course.



SCAN
Scan the QR code with your phone.



VIEW
Explore event photos and highlights.



DOWNLOAD
Access and download your e-certificate.

Feedback was taken and certificates were distributed on 10.07.2026

Mastering the Art of Teaching: An Advanced Pedagogical Blueprint for Effective Educators

TRAINING EVALUATION FORM

Programme Title: Mastering the art of teaching: An advanced pedagogical blueprint for effective educators

Organized by: Directorate of Technical Education and Government College of Engineering and Ceramic Technology

Duration: 6.07.2026-10.07.2026; **Programme Mode:** Contact mode

Resource Person: Prof. (Dr.) Urmila Kar

PART I: Participants are requested to give their feedback on the programme by indicating best choice (only one) by putting tick (✓) in the relevant box. Please note that the rating interpretations are as below:

1-Least Satisfactory, 2- Partially satisfactory, 3-Satisfactory, 4-Very satisfactory, 5-Highly satisfactory

COURSE MATERIALS	1. The course objectives were clearly defined	(1) (2) (3) (4) (5)
	2. The course objectives were achieved	(1) (2) (3) (4) (5)
	3. The course contents were relevant to objectives	(1) (2) (3) (4) (5)
	4. The Tasks / exercises were useful	(1) (2) (3) (4) (5)
	5. Adequate time was provided for tasks / Exercises	(1) (2) (3) (4) (5)
	6. The course materials were well organized	(1) (2) (3) (4) (5)
RESOURCE SPEAKER	7. The planning and organizing the topics done well	(1) (2) (3) (4) (5)
	8. Appropriate opportunities provided for interaction and discussion	(1) (2) (3) (4) (5)
	9. Sufficient examples / case studies provided	(1) (2) (3) (4) (5)
	10. The level of interest and motivation kept alive	(1) (2) (3) (4) (5)
	11. Presentation style and method appropriate	(1) (2) (3) (4) (5)
	12. Time management during the session was good	(1) (2) (3) (4) (5)
	13. The trainer was well prepared and knowledgeable	(1) (2) (3) (4) (5)
FACILITY & ADMINISTRATION	14. Training administration was satisfactory (from application to Programme valediction)	(1) (2) (3) (4) (5)
OVERALL IMPRESSION	15. Overall rating of the programme	Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor ☐



Government College of Engineering and Ceramic Technology, Kolkata

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PART II: Open remarks:

1. What did you like most about the training?
2. What aspects of the training could be improved? a) About trainer: b) About planning and organization of training: c) Any other:
3. What are you confident of applying in your practice (s) because of this training?
4. Any other

Thanks for your feedback

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सत्यमेव जयते

Certificate No.: _____

Certificate of Participation

This is to certify that



of

has successfully completed the requirements of One Week Faculty Development Programme on
MASTERING THE ART OF TEACHING: An Advanced Pedagogical Blueprint for Effective Educators
Jointly Organized by

Directorate of Technical Education
Govt. of West Bengal

&

Government College of Engineering
and Ceramic Technology

held from 6 to 10 July 2026

Prof. (Dr.) Urmila Kar

Resource Person
Professor & HoD (Retd.),
NITTTR, Kolkata

Prof. (Dr.) Krishnendu Chakrabarty

Principal
Government College of Engineering
and Ceramic Technology

Dr. Anindita Ganguly

Director of Technical Education
Government of West Bengal