Govt. College of Engineering & Ceramic Technology

(An Autonomous College under MAKAUT)

Government of West Bengal

73, Abinash Chandra Banerjee Lane, Kolkata-700010

Tele/Fax-(033)-23701264, E-mail- gcectwb@gmail.com

Please visit: https://gcect.ac.in/mandatory-disclosures/

Courses offered by the institute

Programme name	Number of seats sanctioned
B.TECH IN CERAMIC TECHNOLOGY	40
B.TECH IN INFORMATION TECHNOLOGY	40
B.TECH IN COMPUTER SCIENCE & ENGINEERING	40
M.TECH IN INFORMATION TECHNOLOGY	18
M.TECH IN CERAMIC TECHNOLOGY	18
M.TECH IN COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)	18
Ph.D in CERAMIC TECHNOLOGY, INFORMATION TECHNOLOGY AND COMPUTER SCIENCE AND ENGINEERING DEPARTMENTS	-

Student Enrollment and Profile

Enrolment percentage: 82.49%

Number of seats filled year wise during last five years (only first year admissions to be considered)

2021-22	2020-21	2019-20	2018-19	2017-18
143	138	121	120	114

Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
147	156	156	156	156

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years: 70.89%

Number of actual students admitted from the reserved categories in the first year of the programme year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
37	29	33	29	23

Number of seats earmarked for reserved category as per GOI/ State Govt. rule year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
41	43	43	43	43

2.1.1 Enrolment percentage			
Year - 1			
Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted
B.TECH IN CERAMIC TECHNOLOGY	1-1464979832	40	39
B.TECH IN INFORMATION TECHNOLOGY	1-1464979835	40	43
B.TECH IN COMPUTER SCIENCE & ENGINEERING	1-1464979837	40	42
M.TECH IN INFORMATION TECHNOLOGY	1-1464979841	18	12
M.TECH IN CERAMIC TECHNOLOGY	1-1464979839	9	7
	Total	147	143
Year - 2			
Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted

B.TECH IN CERAMIC TECHNOLOGY	1-1464979832	40	39
B.TECH IN INFORMATION TECHNOLOGY	1-1464979835	40	39
B.TECH IN COMPUTER SCIENCE & ENGINEERING	1-1464979837	40	40
M.TECH IN INFORMATION TECHNOLOGY	1-1464979841	18	14
M.TECH IN CERAMIC TECHNOLOGY	1-1464979839	18	6
	Total	156	138
Year - 3			
Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted
B.TECH IN CERAMIC TECHNOLOGY	1-1464979832	40	36
B.TECH IN INFORMATION TECHNOLOGY	1-1464979835	40	37
B.TECH IN COMPUTER SCIENCE & ENGINEERING	1-1464979837	40	36
M.TECH IN INFORMATION TECHNOLOGY	1-1464979841	18	12
M.TECH IN CERAMIC TECHNOLOGY	1-1464979839	18	0
	Total	156	121
Year - 4			
Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted
B.TECH IN CERAMIC TECHNOLOGY	1-1464979832	40	33
B.TECH IN INFORMATION TECHNOLOGY	1-1464979835	40	36

B.TECH IN COMPUTER SCIENCE & ENGINEERING	1-1464979837	40	38
M.TECH IN INFORMATION TECHNOLOGY	1-1464979841	18	11
M.TECH IN CERAMIC TECHNOLOGY	1-1464979839	18	2
	Total	156	120
Year - 5			
Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted
B.TECH IN CERAMIC TECHNOLOGY	1-1464979832	40	28
B.TECH IN INFORMATION TECHNOLOGY	1-1464979835	40	34
B.TECH IN COMPUTER SCIENCE & ENGINEERING	1-1464979837	40	38
M.TECH IN INFORMATION TECHNOLOGY	1-1464979841	18	11
M.TECH IN CERAMIC TECHNOLOGY	1-1464979839	18	3
	Total	156	114

Year	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category				
	SC	ST	OBC	Gen	Others	SC	ST	OBC	Gen	Others
2021-22	32	9		106		31	6		106	
2020-21	34	9		113		26	3		109	
2019-20	34	9		113		28	5		88	
2018-19	34	9		113		25	4		91	
2017-18	34	9		113		20	3		91	

1. **Name and Contact Details of the Principal:** Dr. Krishnendu Chakrabarty, (+91) 9339207179, E-mail: chakrabarty40@rediffmail.com
2. **Name of the affiliating University:** Maulana Abul Kalam Azad University of Technology; Formerly West Bengal University of Technology; Haringhata, West Bengal 741249.
3. Governance

3.1. Members of the Board of Governors and their brief background

1.	Prof. Binay K. Dutta, Former Chairman, West Bengal Pollution Control Board (Educationist)	Chairman
2.	Prof. Mehtab Alam, Jamia Milla University, New Delhi (UGC Nominee)	Member
3	Dr. Arup Kumar Chattopadhayay, MD, National Refractories (Educationist)	Member
4.	The Director of Technical Education, West Bengal (Govt. nominee)	Member
5.	Dr. Jaya Bandyopadhyay, Maulana Abul Kalam Azad University of Technology (University Nominee)	Member
6.	Prof. Bimal Kumar Roy, Former Director, ISI, Kolkata (Educationist)	Member
7.	Dr. Rituparno Sen, Professor & HOD, Ceramic Technology	Member
8.	Dr. Mousumi Maitra, Professor & HOD, Information Technology	Member
9.	Dr. Kalpana Saha Roy, Assistant Professor & HOD, Computer Science and Engineering	Member
10.	Dr. Debdarpan Khan, Associate Professor of Geology & HOD of Basic Science, Engineering and Humanities	Member
11.	Mr. Ranjan Ray, Associate Professor of Chemical Technology	Member
12.	Mr. Partha Haldar, Controller of Examinations, Govt. College of Engg. & Ceramic Technology	Member
13.	Mr. Jayanta Kumar Chowdhury, Registrar	Member
14.	The Principal, Govt. College of Engg. & Ceramic Technology	Ex-Officio Member Secretary

3.2. Members of Academic Council

1.	Prof. (Dr.) Krishnendu Chakrabarty, Principal	Chairman
2.	Prof. Manoj Kumar Mitra, Former Dean, Jadavpur University	Member
3.	Prof. Rajat Kr. Pal, Professor, Department of C.S.E, University of Calcutta	Member
4.	Dr. Subhasish Basu Majumdar, Professor, Materials Science Centre, IIT Kharagpur	Member
5.	Mr. Debasis Mazumdar, Associate Director, CDAC, Kolkata	Member
6.	Mr. Prasanta Dutta, Sr. GM, International Marketing, TRL Krosaki Refractories	Member
7.	Dr. Arup Kumar Chattopadhyay, MD, National Refractories	Member
8.	Dr. S.R. Bhadra Chowdhury, Department of Electronics, IIEST, Shibpur	Member

9.	Prof. (Dr.) Rituparno Sen, HOD, Ceramic Technology	Member
10.	Prof. (Dr.) Mousumi Maitra, HOD, Information Technology	Member
11.	Dr. Kalpana Saha Roy, HOD, Computer Science and Engineering	Member
12.	Dr. Debdarpan Khan, HOD of Basic Science, Engineering and Humanities	Member
13.	Mr. Partha Haldar, Controller of Examinations, GCECT	Member
14.	Dr. Srimanta Patra	Member
15.	Dr. Rajkumar Chakraborty	Member
16.	Dr. Paramita Dey	Member
17.	Dr. Soumit Chowdhury	Member
18.	Mr. Ranjan Ray	Member Secretary

3.3. Board of studies

(i) Department of Ceramic Technology

1.	Prof. (Dr.) Rituparno Sen (HOD)	Chairman
2.	All Faculty members of the department	Members
3.	Mr. Prasanta Dutta, Senior GM, International Business, TRL Krosaki Refractories	Member
4.	Dr. Siddhartha Mukherjee, Former Professor of Metallurgy, JU	Member
5.	Dr. Arup Ghosh, Former Chief Scientist & Head, Refractories Division, CSIR-CGCRI, Kolkata	Member
6.	Mr. Srikrishna Manna, CSIR-CGCR, Kolkata	Member
7.	Dr. Sankar Ghatak, Former Scientist, CSIR-CGCRI, Kolkata	Member
8.	Dr. Devendra Kumar, Professor & Head, Ceramic Engineering, IIT-BHU	Invitee Member

(ii) Department of Information Technology

1.	Prof. (Dr.) Mausumi Maitra Mazumdar (HOD)	Chairman
2.	All Faculty members of the department	Members
3.	Dr. Sushmita Mitra, Professor, Machine Intelligence Unit, ISI, Kolkata: Subject Expert (nominated by the Academic Council)	Member
4.	Dr. Devadatta Sinha, Ex-Professor, Dept. of Computer Science & Engineering, C.U.: Subject Expert (nominated by the Academic Council)	Member
5.	Dr. Nabendu Chaki, Professor, Dept. of Computer Science & Engineering, C.U. - Subject Expert (nominated by the Vice-Chancellor)	Member
6.	Mr. Sagar Dutta, Assistant Manager, TCS – Representative from Industry	Member

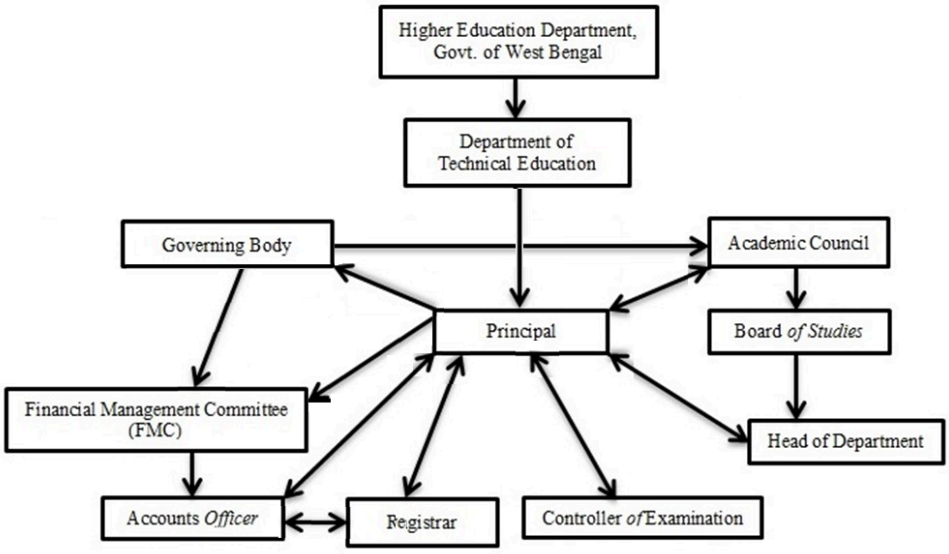
7.	Dr. Aditya Bagchi, Ex-Professor, Dept. of Electronics and Communication Engineering, ISI, Kolkata (Invitee) - Subject Expert (nominated by the Principal)	Member
8.	Sri Joyanta Das – Postgraduate alumnus of the Department	Member

(iii) Department of Computer Science and Engineering

1.	Dr. Kalpana Saha (Roy) (HOD)	Chairman
2.	All Faculty members of the department	Members
3.	Prof. Mita Nasipuri, Professor, Jadavpur University	Member
4.	Prof. Nabendu Chaki, Professor, Calcutta University	Member
5.	Prof. Sankhayan Choudhury, Professor Calcutta University	Member
6.	Mr. Arup Roy, Principal Consultant at Ericsson	Member

3.4. Frequently of the Board Meeting and Academic Advisory Body

3.5. Organizational chart and processes

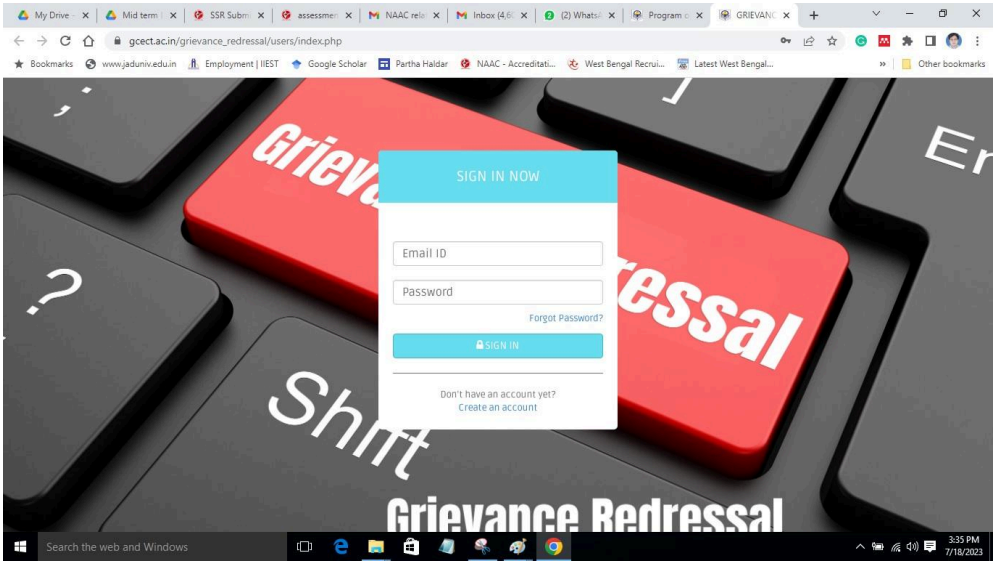


3.6. Nature and Extent of involvement of Faculty and students in academic affairs/ improvements

3.7. Mechanism/ Norms and Procedure for democratic/ good Governance

3.8. Student Feedback on Institutional Governance/ Faculty performance
http://gcect.ac.in/download/IQAC/2017-18-student-satisfaction-survey.pdf
http://gcect.ac.in/download/IQAC/2018-19-student-satisfaction-survey.pdf
http://gcect.ac.in/download/IQAC/2019-20%20student%20satisfaction%20survey.pdf
https://gcect.ac.in/download/IQAC/2020-21-student-satisfaction-survey.pdf
https://gcect.ac.in/download/IQAC/2021-22-student-satisfaction-survey.pdf

3.9. Grievance Redressal mechanism for Faculty, staff and students: Online grievance submission mechanism is there and there is a grievance redressal committee to act upon this.



3.10. Establishment of Anti Ragging Committee: Yes

3.11. Establishment of Online Grievance Redressal Mechanism
http://gcect.ac.in/grievance_redressal/users/index.php

3.12. Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University

GOVERNMENT COLLEGE OF ENGINEERING & CERAMIC TECHNOLOGY
73, Abinash Chandra Banerjee Lane, Kolkata- 700010
Phone (033) 2370-1264 FAX (033) 2363-2072 / 2363-3675 E-mail: gcectwb@gmail.com

No: 10(A) Date: 15-12-2017

OFFICE ORDER

Grievance Redressal Committee of Govt. College of Engineering & Ceramic Technology, Kolkata has been constituted with the following members ----------

1.	Registrar of the college	:	Convenor
2.	All HODs	:	Member

The Committee will start its functioning with immediate effect.

K. Chakk

PRINCIPAL
Govt. College of Engineering & Ceramic Technology
Govt. of West Bengal

Principal
Govt. College of Engg. & Ceramic Technology
Govt. of West Bengal

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
(FORMERLY KNOWN AS WEST BENGAL UNIVERSITY OF TECHNOLOGY)
Main Campus : Haringhata, Nadia, Pin-741249
Kolkata Campus : BF-142, SECTOR-I, SALTLAKE CITY, KOLKATA-700 064, (INDIA)
Website : www.wbut.ac.in

Ref. No. :

Date : 06/02/2019

No. 6.2/Regis./GCECT/02

Date: 6th February, 2019

To
The Principal,
Govt. College of Engg. & Ceramic Technology,
Govt. Of West Bengal

Sir,

In response to your letter no. GCECT/69/1-C(481)3D/18-19 the undersigned is pleased to inform you that Dr. Swapan Kumar Maity will act as the OMBUDSMAN of your college.

Thanking you,

Yours truly,

Indranil Mukherjee

(Dr. Indranil Mukherjee)
Registrar (Actg.)

Registrar (Acting)
Maulana Abul Kalam Azad University
of Technology, West Bengal
Haringhata, P.O.-Simhat, Pin-741249

3.13. Establishment of Internal Complaint Committee (ICC)

Govt. College of Engineering & Ceramic Technology
(Formerly College of Ceramic Technology)
Government of West Bengal
73, Abinash Chandra Banerjee Lane, Kolkata-700010
Tele/Fax-23701264, E-mail- gcectwb@gmail.com

No. GCECT/627/2020-21 Date: 30.03.2021

OFFICE ORDER

The Internal Complaint Committee (ICC) of Government College of Engineering and Ceramic Technology, Kolkata has been reconstituted with the following members:

Prof. Kaberi Das	Chairperson
Prof. Mausumi Maitra Mazumdar	Member
Prof. Kalpana Saha(Roy)	Member
Prof. Paramita Dey	Member
Prof. Shyma Mandal	Member
Prof. Indrani Nag Chaudhury	Member
Mrs. Jhunu Rani Pramanick	Member
Ms. Snigdha Saha	Member
Mr. Kasturi Mukherjee	Member
Ms. Rajashi Chatterjee	Member

The committee will start its functioning with immediate effect.

K. Chakrabarty

Prof. Krishnendu Chakrabarty
Principal
Government College of Engineering and
Ceramic Technology

Memo No: GCECT/627(11)/2020-21 Date: 30.03.2021

Copy forwarded for information & necessary action to:
1) Prof. Kaberi Das, GCECT, Kolkata
2) Prof. Mausumi Maitra Mazumdar, GCECT, Kolkata

Principal
Govt. College of Engineering
& Ceramic Technology

3.14. Establishment of Committee for SC/ ST

Govt. College of Engineering & Ceramic Technology
(Formerly College of Ceramic Technology)
Government of West Bengal
73, Abinash Chandra Banerjee Lane, Kolkata-700010
Tele/Fax-23701264, E-mail- gcectwb@gmail.com

No. GCECT/629/2020-21 Date: 30.03.2021

OFFICE ORDER

The SC/ST committee of Government College of Engineering and Ceramic Technology, Kolkata has been reconstituted with the following members:

Prof. Mausumi Maitra Mazumdar	Chairman
Prof. Shyama Mondal	Member
Prof. Ranjit Kr. Mandal	Member
Mr. Samir Biswas	Member
Mr. Jayanta Kr. Chowdhury	Convener

The committee will start its functioning with immediate effect.

K. Chakraborty

Prof. Krishnendu Chakrabarty
Principal
Government College of Engineering and
Ceramic Technology

Memo No: GCECT/629(7)/2020-21 Date: 30.03.2021

Copy forwarded for information & necessary action to:
1) Prof. Mausumi Maitra Mazumdar, GCECT, Kolkata
2) Prof. Shyama Mondal, GCECT, Kolkata
3) Prof. Ranjit Kr. Mandal, GCECT, Kolkata
4) Mr. Samir Biswas, GCECT, Kolkata

Principal
Govt. College of Engineering
& Ceramic Technology
Govt. of West Bengal

3.15. Internal Quality Assurance Cell

https://gcect.ac.in/iqac/

4.Programmes approved by AICTE

Sl. No.	Type of programme	Name of Department	Approved student strength
i)	Bachelor of Technology (04 Year programme)	Ceramic Technology	40 + 02 (TFW)
ii)		Information Technology	40 + 02 (TFW)+01 (DQ)
iii)		Computer Science and Engineering	40 + 02 (TFW)
iv)	Master of Technology (02 Year programme)	Ceramic Technology	18
v)		Information Technology	18
vi)		Computer Science and Engineering	18

TFW: TUITION FEE WAIVER, DQ: DEFENCE QUOTA

4.1. Placement

4.1.1. Placement Facilities

4.1.2. Campus placement in last three years with minimum salary, maximum salary and average salary

5. Faculty

5.1. Profile of Principal

http://gcect.ac.in/dr-krishnendu-chakrabarty/

5.2. Profile of Faculties

Department of ceramic Technology			
Sl.	**Name**	**Designation**	**Link to webpage**
1.	Dr. Rituparno Sen	Professor and Head	http://gcect.ac.in/dr-rituparno-sen/
2.	Dr. Saikat Maitra (On Lien to MAKAUT as V.C.)	Professor	
3.	Mr. Ranjan Ray	Associate Professor	http://gcect.ac.in/ranjan%20ray/
4.	Dr. Srimanta Kumar Patra	Associate Professor	http://gcect.ac.in/dr-srimanta-patra/
5.	Mr. Ram Chandra Das	Associate Professor	http://gcect.ac.in/mr-r-c-das/
6.	Dr. Kaberi Das	Associate Professor	http://gcect.ac.in/dr-kaberi-das/
7.	Dr. Tapas Kumar Bhattacharya	Assistant Professor	http://gcect.ac.in/dr-tapas-kr-bhattacharya/
8.	Dr. Barun Kumar Sanfui	Assistant Professor	http://gcect.ac.in/dr-bk-sanfui/
9.	Dr. Madhu Sudan Dutta	State Aided College Teacher (SACT)	http://gcect.ac.in/dr-madhusudan-dutta/
10.	Ms. Ruma Mallik	SACT	http://gcect.ac.in/ms-ruma-mallik/
11	Mr. Pappu Halder	SACT	http://gcect.ac.in/mr-pappu-halder/
12	Ms. Sangita Ghosh	SACT	http://gcect.ac.in/miss-sangita-ghosh/

Department of Information Technology			
Sl.	**Name**	**Designation**	**Link to webpage**
1.	Dr. Mausumi Maitra (Majumdar)	Professor and Head	http://gcect.ac.in/dr-mausumi-maitra/
2.	Dr. Paramita Dey	Assistant Professor	http://gcect.ac.in/mrs-paramita-dey/
3.	Mr. Ritwik Mondal	Assistant Professor	http://gcect.ac.in/mr-r-mondal/
4.	Mrs. Shyama Mondal	Assistant Professor	http://gcect.ac.in/mrs-shyma-mandal/
5.	Mr. Pranay Adak	Assistant Professor	http://gcect.ac.in/mr-pranay-adak/

6.	Mr. Atanu Kumar Paul	Assistant Professor	http://gcect.ac.in/mr-atanu-pal/
7.	Ms. Maumita Maity	SACT	http://gcect.ac.in/ms-maumita-maity/
8.	Mr. Sudip Kuila	SACT	http://gcect.ac.in/mr-sudip-kuila/
9.	Ms. Ananya Biswas	SACT	http://gcect.ac.in/ms-ananya-biswas/
10.	Ms. Bidisha Ghosh	SACT	http://gcect.ac.in/ms-bidisha-ghosh/
11.	Mrs. Minakshi Acharya	SACT	http://gcect.ac.in/mrs-meenakshi-acharya/
12.	Dr. Rayan Saptarshi Roy	SACT	http://gcect.ac.in/mr-ryan-saptarshi-ray/
13.	Mrs. Susmita Samaddar	SACT	http://gcect.ac.in/mrs-susmita-samadder/

Department of Computer Science & Engineering			
Sl.	**Name**	**Designation**	**Link to webpage**
1.	Dr. Kalpana Saha (Roy)	Assistant Professor	http://gcect.ac.in/dr-kalpana-saha/
2.	Mr. Bimal Pal	Assistant Professor	http://gcect.ac.in/mr-bimal-pal/
3.	Dr. Soumit Chowdhury	Assistant Professor	http://gcect.ac.in/mr-soumit-chowdhury/
4.	Mrs. Sohini Dasgupta (On Leave)	Assistant Professor	http://gcect.ac.in/mrs-sohini-dasgupta/
5.	Dr. Partha Ghosh	Assistant Professor	http://gcect.ac.in/mr-partha-ghosh/
6.	Mr. Ranjit Kumar Mandal	Assistant Professor	http://gcect.ac.in/mr-ranjit-kr-mandal/
7.	Dr. Kingshuk Chatterjee	Assistant Professor	http://gcect.ac.in/dr-kingshuk-chatterjee/
8.	Mr. Bishwarup Das	SACT	http://gcect.ac.in/mr-bishwarup-das/
9.	Dr. Bijoy Kumar Mandal	SACT	http://gcect.ac.in/dr-bijoy-kumar-mandal/
10.	Mrs. Rima Bhowmick	SACT	http://gcect.ac.in/mrs-rima-bhowmick/
11.	Mrs. Sucharita Mondal	SACT	http://gcect.ac.in/mrs-sucharita-mondal/
12.	Mrs. Pallavi Pyne	SACT	http://gcect.ac.in/mrs-pallavi-pyne/

13.	Mrs. Amrita Biswas	SACT	http://gcect.ac.in/mrs-amrita-biswas/
14.	Mr. Aritra Mahapatra	SACT	http://gcect.ac.in/mr-aritra-mahapatra/

Department of Basic Science, Engineering & Humanities			
Sl.	**Name**	**Designation**	**Link to webpage**
1.	Dr. Krishnendu Chakrabarty	Professor of Electrical Engineering and Principal	http://gcect.ac.in/dr-krishnendu-chakrabarty/
2.	Dr. Debdarpan Khan	Associate Professor of Geology and Head	http://gcect.ac.in/dr-debdarpan-khan/
4.	Mr. Partha Haldar	Assistant Professor of Mechanical Engineering and Controller of Examinations	http://gcect.ac.in/partha-haldar/
5.	Dr. Pinaki Mukherjee	Associate Professor of Electronics	http://gcect.ac.in/dr-pinaki-mukherjee/
6.	Dr. Alok Mukherjee	Assistant Professor of Electrical Engineering	http://gcect.ac.in/mr-alok-mukherjee/
7.	Dr. Saibal Ray	Associate Professor of Physics	http://gcect.ac.in/dr-saibal-ray/
8.	Dr. Rajkumar Chakraborty	Associate Professor of Physics	http://gcect.ac.in/dr-rajkumar-chakraborty/
9.	Dr. Prasenjit Paul	Assistant Professor of Physics	http://gcect.ac.in/prasenjit-paul/
10.	Dr. Nilesh Mazumder	Assistant Professor of Physics	http://gcect.ac.in/dr-nilesh-mazumder/
12.	Mr. Ambika Prasad Mukhopadhyay	Assistant Professor of Chemistry	http://gcect.ac.in/shri-ambika-prasad-mukhopadhyay/
13.	Mrs. Indrani Nag Chaudhuri	Assistant Professor of Economics	http://gcect.ac.in/mrs-indrani-nag-chaudhury/
14.	Mrs. Sonali Sarkar	SACT (Ethics)	http://gcect.ac.in/mrs-sonali-sarkar/
15.	Mrs. Ipsita Pathak	SACT (Communicative English)	http://gcect.ac.in/mrs-ipsita-pathak/
16.	Mr. Firoj Mahamud	SACT (Mathematics)	http://gcect.ac.in/mr-firoj-mahamud/

6. Fee For B.Tech Students

Annual Tuition fee	B.Tech CT	Rs. 6000/-
	B.Tech I.T	Rs. 24000/-
	B.Tech C.S.E	Rs. 12000/-

Examination fee	Per semester	Rs. 1200/-

Initial deposit at the time of B.Tech admission	Admission fee	Rs. 500/- for CT; Rs. 2000/- for IT and Rs. 1000/- for CSE
	Caution Money	Rs. 300/-
	Medical Fee	Rs. 50/-
	University development fee	Rs. 2200/-
	University registration fee	Rs. 500/-
	Establishment fee	Rs. 7/-
	I.Card Fee	Rs. 23/-
	Magazine fee	Rs. 500/-
	Sports/ Athletics fee	Rs. 21/-

FEE FOR M.TECH STUDENTS

Annual Tuition fee	M.Tech CT	Rs. 18000/-
	M.Tech I.T	Rs. 36000/-
Examination fee	Per semester	Rs. 1200/-

Initial deposit at the time of M.Tech admission	Admission fee	Rs. 1500/- for CT and Rs. 3000/- for IT
	Caution Money	Rs. 8000/-
	Medical Fee	Rs. 50/-
	University development fee	Rs. 1100/-
	University registration fee	Rs. 500/-
	Establishment fee	Rs. 7/-
	I.Card Fee	Rs. 23/-
	Magazine fee	Rs. 500/-
	Sports/ Athletics fee	Rs. 21/-

6.1. Time schedule for payment of Fee for the entire Programme : The fees can be paid Monthly basis or semester basis.

6.2. No. of Fee waivers granted with amount and name of students

6.3. Number of scholarship offered by the Institution, duration and amount: Half free and Full free against the tuition fee

6.4. Criteria for Fee waivers/scholarship

6.5. Estimated cost of Boarding and Lodging in Hostels: 30 seats (per month staying charge is Rs. 80/- fooding extra, mess is managed by students)

7. Admission Procedure

(i) B.Tech. students are admitted based on rank of West Bengal Joint Entrance Examination and subsequent Counseling conducted by West Bengal Joint Entrance Examination Board.

(ii) Selection to M. Tech. students are done on the basis of a valid score in GATE or PGET conducted by MAKAUT.

8. Information of Infrastructure and Other Resources Available

8.1. Number of Class Rooms and size of each
8.2. Number of Tutorial rooms and size of each
8.3. Number of Laboratories and size of each
8.4. Number of Drawing Halls with capacity of each
8.5. Number of Computer Centres with capacity of each
8.6. Central Examination Facility, Number of rooms and capacity of each
8.7. Barrier Free Built Environment for disabled and elderly persons
8.8. Occupancy Certificate
8.9. Fire and Safety Certificate
8.10. Hostel Facilities: Boy's hostel is available with limited seat capacity.
8.11. Library
- 8.11.1. Number of Library books/ Titles/ Journals available (program-wise)
- 8.11.2. List of online National/ International Journals subscribed
- 8.11.3. E- Library facilities

8.12. Laboratory and Workshop
- 8.12.1. List of Major Equipment/Facilities in each Laboratory/ Workshop
- 8.12.2. List of Experimental Setup in each Laboratory/ Workshop

8.13. Computing Facilities
- 8.13.1. Internet Bandwidth
- 8.13.2. Number and configuration of System
- 8.13.3. Total number of system connected by LAN
- 8.13.4. Total number of system connected by WAN
- 8.13.5. Major software packages available
- 8.13.6. Special purpose facilities available

8.14. Innovation Cell

8.15. Social Media Cell
8.16. Compliance of the National Academic Depository (NAD)
8.17. List of facilities available
8.17.1. Games and Sports Facilities
8.17.2. Extra-Curricular Activities
8.17.3. Soft Skill Development Facilities
8.18. Teaching Learning Process
8.18.1. Curricula and syllabus for each of the Programmes as approved by the University
8.18.2. Academic Calendar of the University
8.18.3. Academic Time Table with the name of the Faculty members handling the Course
8.18.4. Teaching Load of each Faculty
8.18.5. Internal Continuous Evaluation System and place
8.18.6. Student's assessment of Faculty, System in place
8.19. For each Post Graduate Courses give the following:
8.19.1. Title of the Course
8.19.2. Curricula and Syllabi
8.19.3. Laboratory facilities exclusive to the Post Graduate Course
8.20. Special Purpose
8.20.1. Software, all design tools in case
8.20.2. Academic Calendar and framework
9. Enrollment of students in the last 3 years
10. List of Research Projects/ Consultancy Works

Funding Agency	***Type of Project***	***Project Title***	***Role in Project***	***Grant (Rs.)***	***Duration***
DST	Major Research Project	Development of Insulating Refractories and Abrasion Resistant Ceramics from Coal Ash	Dr. B.K. Sanfui, Assistant Professor, Principal Investigator	61,52,450	07.05.2016 - 06.08.2020
SERB	Minor Research Project	Development of Pre/In-situ Formed CNT Reinforced MgAl2O4 Spinel Matrix Composites	Dr. B.K. Sanfui, Assistant Professor, Principal Investigator	30,06,000	04.05.2017 - 03.11.2020
IREL	Major Research Project	Study of Sinterability and Product Development based on Zirconia Powders to be Supplied by IREL	Dr. B.K. Sanfui, Assistant Professor, Principal Investigator	58,73,800	28.08.2019 - 27.08.2022
SERB	Major Research Project	Synthesis, Characterizations and Evaluation of Pre/In-Situ Formed YAG-CNT Reinforced Al_2O_3 based Nanostructured Composites	Dr. B.K. Sanfui, Assistant Professor, Principal Investigator	23,24,560	26.03.2021- 25.03.2024
WB-DST	Minor Research Project	Fabrication of CuPc nanotube based all-organic flexible photodiode for light detection and solar energy conversion	Dr. Nilesh Mazumder, Assistant Professor, Principal Investigator	12,55,000	2019-2022
WB-DST	Minor Research Project	Studies on Compact Stellar Objects	Dr. Saibal Ray, Associate Professor, Principal Investigator	4,48,800	02.05.2019 -01.05.2021

WB-DST	Minor Research Project	Studies on the Microstructural characterization of ceramic materials using Image processing Technique	Dr. T.K. Bhattacharya, Assistant Professor, Principal Investigator	8,68,800	28.01.2019 -27.01.2021

10.1. Number of Projects carried out, funding agency, Grant received
10.2. Publications (if any) out of research in last three years out of masters projects
10.3. Industry Linkage
10.4. MoUs with Industries (minimum 3)

11. LoA and subsequent EoA till the current Academic Year
http://gcect.ac.in/wp-content/uploads/2019/02/EOA-Report_2018-19.pdf
http://gcect.ac.in/wp-content/uploads/2021/07/EOA_Report_2019-20.pdf
http://gcect.ac.in/wp-content/uploads/2020/06/EOA_Report_2020-21.pdf
http://gcect.ac.in/wp-content/uploads/2021/07/EOA-Report_21-22.pdf
https://gcect.ac.in/wp-content/uploads/2022/07/EOA-Report%2022-23.PDF
https://gcect.ac.in/wp-content/uploads/2023/05/EOA-Report-2023-24.pdf

12. Accounted audited statement for the last three years
13. Best Practices adopted, if any

Best Practice 1: Installation and commissioning of 7KWP Solar PV power plant at the rooftop of old building

Objective: • To cut down on the cost of power and to promote alternative eco-friendly source of power supply.
• To indirectly help reduce the consumption of coal in thermal power plants thereby reducing the burden on air pollution and the cost of disposal of fly ash.
• To promote awareness among stakeholders about the benefits of solar energy thereby creating a consciousness for making a pledge to enhance the capacity of such units in future.

The Practice: In May, 2017, Solar Panels of 7 KWP energy have been installed and commissioned on the roof top of the old building of our college by M/s RMB Power Projects Pvt. Ltd, under active guidance of CESC, the electric power supply agency to the college. The solar energy thus produced is being used for outdoor lighting of our campus. By an average estimate it has been found to be supplying about 9 of total electrical energy requirement of the college. In future we have a plan to cover other rooftops by setting up more solar power plants in order to enhance the quantum of green energy use.

Best Practice 2: Promoting research activities in relevant engineering disciplines and allied fields of basic science

Objective: • To attain excellence by expanding the horizon of knowledge base of the institute
• To encourage the faculty members to venture into the newer fields relevant to the requirement of respective engineering disciplines in order to keep those disciplines up to date.
• To encourage the faculty members to bring projects on upcoming areas from various funding agencies. This benefits the institute both by improving the infrastructure and gaining on knowledge pool.
• To encourage the faculty members to engage themselves in collaborative research and projects with other institutions of repute which benefits the institution immensely by increasing the scope of resource and knowledge sharing.
• To bring the students into the loop of research activities by assigning them projects on problems

currently being addressed by various industries and encourage them to attend the conferences or workshops, organized by professional organizations, to present papers on such activities.
Practice:
•Ceramic Technology Dept
1. Dr. Kaberi Das, Asst. Professor of Ceramic Technology Department secured a minor project for the period 2017-2019 from UGC of Rs. 4.86 lakh on development of low cost Bio-active glass and she along with two students got a paper published in Int. J. of Applied Ceramic Technology on zirconia doped Mag-Al in 2017.
2. Prof. Saikat Maitra who is on lien to serve as the Vice-chancellor of MAKAUT got many papers published in international/national journals on various topics like doping of nano particles to improve the properties of ceramic materials, application of sol-gel technique to make precursors of ceramic materials etc.
• Comp. Sc. Engg. Dept
1. Sri Partha Ghosh presented a paper in International Conference(ICAET-2016) on FCM Algorithm application on Magnetic Resonance Images of Brain Tissues and got three papers published in international national journals on topics like Superpixel Segmentation, Comparative Analysis of FAOFCM Algorithm for MRI.
2. Sri Soumit Chowdhury got papers published in both national international journals on Dynamic Authentication Protocol Color Image Authentication in 2016-17.
• Information Technology Dept
1. a) Prof. Mausumi Maitra had taken special initiative to engage research scholars and a project fellow of UGC major research to write two book chapters jointly on image processing, published by IGI Global. She also presented a paper in an international conference on segmentation of brainMR image in association with the said scholars. b) A research project entitled “Embedding Segmentation of PET images for medical applications in brain disorders” of amount Rs.27.57 lakhs was completed by Dr. Mausumi Maitra, Dept. of Information Technology from BARC, DAE, in collaboration with RCCIIT, Kolkata and BRNS, Salt Lake.
2. a) Smt. Somdatta Chakravortty, Asst. Professor, in association Sri Devdatta Sinha got a paper published with the title “Development of higher-order model for nonlinear interactions in hyperspectral data of mangrove forests” in Current Science, Vol. 111, No. 6, 25 September 2016. b) Smt. Somdatta Chakravortty, Asst. Professor, also guided the following projects during 2016-17: (i) Project title: Development of algorithms for spectral unmixing and sub pixel classification of hyperspectral image data fund received from DST – Rs.35 lakhs during 2016-2020. (ii) Project title: Digital image processing of hyperspectral data for pattern recognition and change detection of saline banks and associated mangrove species: A case study of Sunderban biosphere reserve, WB. fund received from UGC Rs.12.08 lakhs during 2015-2018.
3. A paper titled “ A study to find the most suitable set of prominent genes from microarray data for disease prediction of Shri Ritwik Mondal, was published in the proceedings of the 3rd international conference on Foundations and Frontier in Computer, Communication and Electrical Engineering, 2016(C2E2-2016), 15-16 Jan 2016.
4. Smt. Paramita Dey got her paper on application of network centrality for T-20 cricket team formation published in the journal of Applied Computing and Informatics, Vol.13, Issue 2, July 2017
5.Shri Ryan Saptarshi Ray, had his papers published with the following details: a) Implementation and Consistency issues in Distributed Shared Memory Debendranath Das, Ryan Saptarshi Ray, Utpal Kumar Ray International Journal of Computer Sciences and Engineering (IJCSE), 2016. b) Hybrid Parallel Programming Using Locks and STM Ryan Saptarshi Ray, Parama Bhaumik, Utpal Kumar Ray International Journal of Computer Sciences and Engineering (IJCSE), 2017.

• Basic Science Dept

Dr. Saibal Ray, Associate Professor of physics, expanded his domain of research by adding to his already very rich repository of publications of fourteen papers in various national international journals on compact stars, in the academic session 2016-17.

Best Practice 3: Refurbishment and thorough facelifting of the old museum maintained at first floor open lounge

Objective:

• To exhibit products, to the visitors, manufactured at various industries linked to the engineering disciplines being run by the college with special emphasis on the oldest discipline, i.e., Ceramic Technology.

• To enhance first hand awareness and arouse curiosity among the fresh students about the products the industries manufacture in which they might explore the scope of their employment.

• To encourage alumni, closely linked to the college and playing important role in creating job prospect for the outgoing students, to display the products, manufactured by the industries in which they are attached, thereby creating a scope of continuously enriching the repository of the museum with new additions.

• To create interest and awareness among the prospective parents and guardians who visit the institute to explore the possibility of admission for their children/dependents in search of a good career for them.

Practice:

Old good Samaritans, happened to be mostly illustrious alumni, used to donate many valuable products of ceramic industry in the past as a symbol of their indebtedness and love to their alma matter. It was a very closely knit community and the combined good wishes from them all through the then principal had been able to give birth to the museum at the same place where it is being presently maintained. The good culture of donating representative samples from industry including invaluable books by the alumni is still surviving and expanding with the broadening base of the notable alumni. However, with introduction of two new disciplines at the start of this millennium, the focus was shifted to different areas and the maintenance of the museum failed to draw the due attention. New products from industry, however valuable and attractive those may be, coming as free samples, started to be getting dumped here and there. In the year 2017-18, a budgetary provision was made to give the museum a proper facelift with up-to-date aesthetic look and allocation of more space so that it doesn't escape the attention of visitors including the employers to fulfill the objectives listed above.

Best Practice 4: Encouraging students to take part in extended activities to reach out to various sections of the society that include service to village community and primary school therein

Objective:

• To expose the students to various sources of scientific and technological knowledge lying outside the domain of curricular activities

• To encourage the students to participate in competitions outside the curricular activities to prove their application of mind in their approach towards solution of industrial problems.

• To encourage the students to provide service to the underprivileged community by engaging them in real activities with few weeks duration which help improve the environmental awareness of village people and small children of primary school in the same locality.

• To create among the students a sense of social responsibility by engaging them in activities like organizing health camps and persuading the local community around the institute to participate in such camps.

Practice:

A) Under the guidance of the Nodal Officer, Sri Bimal Pal, Asst. Professor of CSE, ten (10) students participated in SWACCH BHARAT summer internship program, conducted jointly by Ministry of Youth Affairs Sports in collaboration with Ministry of Drinking Sanitation and Ministry of Human Resource Development, held during June-July, 2018, in which they took part in various environmental awareness activities in a north 24-parganas village in different capacities as listed below i) In THAKDARI village the students spent a few days to clean a park thoroughly by removing all littered plastic materials and weeds. ii) The students carried out a door-to-door campaign under the active patronage of MAHISHBATHAN GRAM PANCHAYAT (No.2) in MAHISHGOT village about health and economic benefits of keeping the house clean by taking small measures. iii) The students demonstrated the benefits of environmental awareness with the help of Youtube videos in front of primary students, teachers and staff, numbering about 100, in MAHISGOT PRATHAMIC VIDYALAYA. The effect was so overwhelming that when chocolates were being distributed at the end, a girl child spontaneously picked up a plastic vat form outside and put it before the other children for throwing the plastic wrapper of the chocolate into the vat. [Each participant received certificate of appreciation issued jointly by Ministry of Youth Affairs Sports, Ministry of Drinking Sanitation and Department of Higher Education, Ministry of Human Resource Development] B) Twenty-nine students of first year visited Science Engineering Fair (Eastern India) at Birla Industrial Technological Museum on 10th January, 2018, under the guidance of Sri Bimal Pal, Asst. Professor of CSE. C) The model apparatus displayed by two third year students for measurement of air pollution at Science Engineering Fair (Eastern India) was adjudged the best applied project for that year (competition held between 9-13 January, 2018. D) A free eye screening camp was held on 15th September, 2017, in the campus in collaboration with Susrut Eye Foundation and Research Centre, a renowned eye care institute, in which students took the initiative to mobilize the local people in good numbers, in addition to the beneficiaries of the college to get the free check-up.

Best Practice 5: Implementation of student mentoring process

Objective:

- To cater to the various needs of students outside the scope of routine curricular activities
- To act as facilitator for providing information on financial assistance, in the form of scholarships etc., available and the procedure to avail it, especially to students coming from financially weaker background.
- To act as a liaison person between the subject teacher and a student, failing to make good performance in that subject, in order to improve the communication between the two for better understanding of the subject for the student
- To provide psychological support in case a student, generally from rural background, faces difficulty in coping with the ways of urban life and tend to lose self-esteem.
- To hold counselling session in presence of the principal with the parents/guardians of the students in case the above measures fail.

Practice: Being a government college, the cost of education is very modest here and this is one of the main reasons why the meritorious but financially weak students from districts, not so advanced as Kolkata, prefer to join this college located at the heart of the city. Therefore, the students'mentoring system has been designed to provide a better platform to such students to adjust with the fully urbanized ways of life with their limited means and bring out their highest potential. It also appears to be the most

effective method for mitigating cases of those students who are vulnerable to drop-out from studies. All new entrants have to go through an induction program which provide them a good scope of getting acquainted the general environment of the institution and form a bond with the faculty members of first year. All departments assign one faculty member per 14 students (for the year 2018-19) to act as mentor / advisor for the students. The students can share their difficulties, if any, on academic matters, career planning, campus/hostel affairs and personal matters with the faculty advisor either in groups or individually. The respective faculty member initially tries at his/her level to address the problems to the extent possible. In case something is beyond his/her domain, the problem is referred to higher authorities, either to the Head of the Departments or the Head of the Institution for necessary action. In special cases, parents are called for counselling/special meetings with the principal as per the suggestion of the Mentor. If a student is identified as having weakness in a particular subject, it is the duty of the Mentor to intimate the concerned subject teacher for remedial classes. Many a time, personal problems of the students are taken care of with friendly advices and counselling with a human face. This institutional practice of Mentoring System has been designed and implemented to be student-centric and renders wide variety of services to students coming from varying economic backgrounds.

Best Practice 6: Special Focus on development of skill and placement-based training in Engineering Education.

Objective:

• To enhance the employability of the students pursuing studies for B.Tech degree.

• To build up leadership quality so that a student can grow in his/her career.

• To enhance the soft skill of the students with an aim of better performance before the interview-board of employers and among the peers of other institutions.

• To develop command over a subject matter which a student is asked to deal with.

• To provide exposure, for a certain period of time, to real environment under which various industries function and scope of performing certain tasks assigned to them under that environment in order to make them ready to work under such environment without much preparation time.

• To provide the scope of doing internship, sometimes in the form of extended training, so that the students can be readily absorbed as an employee just after the completion of graduation.

Practice: Students, especially those who studied in vernacular medium before the entry into the institution, in many cases, found to be weak in communication in english, both in verbal and written form and the lack of communication skill in english severely jeopardizes the prospect of employment in these days of cut-throat competition. With an aim to enhance the power of communication, a language laboratory has been set up and a course, designed to suit the requirements of such laboratory, to test and upgrade the skill of english communication, has been introduced as a compulsory part of the curriculum. A two-month training program in industry forms a major part of the curriculum and skill developed there is also evaluated and made a part of their score card. Under this program each student has to complete certain tasks during the training period under the supervision of the industry management and is required to submit a report at the end of the program. Course components like seminar and group discussion have also been introduced to enhance oratory skill, command over a subject matter, leadership quality and capacity to work in a group harmoniously. In recent years the students are being encouraged to undertake internship program in related industries, for further improving the job prospect, for which academic curriculum has been made flexible, especially in the 4th year of study, without compromising on the basic requirement of B.Tech degree.

Best Practice: 7: Establishing maximum transparency in evaluation of answer scripts

It occurred in the minds of the Principal and the Controller of Examinations after conducting examinations and publication of results for a few semesters that post publication answer scripts review/scrutiny can be simplified with more transparency, to the satisfaction of the students, by introducing certain reform measures. Previously, post publication scrutiny, review and viewing of answer scripts, a standard procedure, would cost a student Rs.200,Rs.400 and Rs.800 (gradually increasing) respectively. The figures clearly indicate that it might have acted as a deterrent for a student to opt for evaluated answer script viewing as the cost he/she has to bear is the highest, i.e.,Rs.800 per paper. Given the fact that many of the students after qualifying through Joint Entrance Examination opt for the institute because being a government institution it offers them the scope to study engineering at a very low cost, forking out Rs.800 per paper may not be always possible for them. Sensing this and with a view to establish more transparency, the institute has introduced the scope of viewing the answer script by the students after evaluation in presence of the evaluator himself/herself and rectification of the score, if there is any possibility, in agreement with the evaluator. However, if the disagreement still persists between the two sides, the student is free to pursue the standard laid down procedures to settle the grievance. This system applies to both mid term and semester end examinations. The new procedure has made a marked improvement in the grievance settlement as is evident from the reduction of number of applications received for reconsideration of result after the publication of result. In consecutive two years, 2018-19 and 2019-20, there was no application from the students for reconsideration of results in any form whatsoever, unlike the previous years.

Best Practice: 8: Encouragement for best performance in the examination by making provision of best graduate award

Presently, the institute is celebrating Graduate Day, which is equivalent to convocation of a university, in which the Vice Chancellor of the affiliating university, in presence of the Principal, hand over the degree certificates to the eligible candidates from the institute. The Graduate Day celebration, held with due pomp and grandeur, is a very special occasion for the college as the members of the Governing Body and the Academic Council, participate in the event in large numbers. Eminent people as special guests are invited to give lectures on various aspects of social and professional life before the graduates to create a sense of high spirit among them. The event starts with a procession,headed by the Vice Chancellor and followed by the governing body and academic council members, everybody wearing special robe commensurate with the occasion to give it a distinctly graceful look, and ends inside the decorated auditorium. After everybody take their designated seats the vice chancellor declares the session open. The atmosphere thus created makes the participant graduates immensely joyful and excited. in such an environment, receiving medal of the best graduate from the hands of the Vice Chancellor, in presence of so many eminent people, makes the graduate ecstatic. His/her feeling reverberates among the juniors and bears a message of inspiration or encouragement for better performance to reach the top spot.