

Academic Audit Report

(July 2018 to June 2019)

Background:

The academic audit Committee of Govt College of Engg and Ceramic Technology has been constituted in October, 2012 to consider and review the Institute's mechanism for monitoring and enhancing academic quality and standard necessary for achieving their stated aims and objectives. Since its formation, the committee has administered academic audit for each academic year.

Process of audit:

The process of audit requires a self-review in which the Institute evaluates its progress towards achieving its objectives related to the areas of the audit and identifies areas for improvement.

The committee holds meeting in the beginning and end of each academic year to discuss details of intended plans and strategies with respect to enhancement initiatives and assess the measure practised during the academic session.

The audit panel comprises of head of Departments, selected members of faculty and external members. The panel visits the departments to check and verify the academic practices laid down by the committee for evaluation and drafts an audit report. The report commends good practice and makes recommendations intended to assist the Institute in its own programme of continuous improvement of quality. The audit report is put up to the Internal Quality Assurance Cell (IQAC) for monitoring and follow up activities.

Areas of Academic audits:

1. Infrastructural Development:

- a. The Institute has five (5nos) Smart Class rooms with wall mounted projectors, smart board and interactive system.
- b. All other class rooms are functioning with Projector facility.
- c. Boys' Hostel is functioning fully accommodating 30 students.
- d. The College campus including class rooms and laboratories are under CCTV surveillance.
- e. On-line grievance redressal portal is established in college website to comply with mandatory requirements of AICTE.
- f. Institute is a local chapter of NPTEL.
- g. Institute has procured lectures in digital form on different subjects delivered by prominent teachers of Premier Institutes, to be accessed by the students in the library.
- h. Fully automated student management software is functioning.
- i. This Institute has spent Rs. 53, 87,991/- for upgradation and modernisation of laboratories of different departments during the academic year 2018-2019.

Commendations:

- (1) The panel commended the Institute for creating nice ambience with smart class room, CCTV surveillance many others for a congenial academic environment.
- (2) Panel appreciated the Institute's approach of paradigm shift from traditional process of admission, attendance etc to on-line process.

Recommendations:

- (1) The committee recommended inclusion of more smart class rooms to cater ICT enabled teaching-learning process.
- (2) They also recommended creation of girls' hostel to accommodate girls students coming from different parts of the state.

2. Teaching – Learning:

- a. All teaching –learning process are through ICT and outcome based.
- b. Industrial training is mandatory in the curriculum to expose students in industrial set up.
- c. Seminars and workshops are organised on the different relevant topics inviting experts from industry and academia to upgrade students with cutting edge technology.
- d. In line with AICTE model curriculum 2018, the Institute has organised three weeks Induction Programme comprising of inspiring lectures, industry visits, lectures by industry experts, entrepreneurs, social activists, psychologists to groom the new entrants to enthuse them to be responsible global citizens.
- e. Remedial classes are arranged for slow learners.
- f. Students are mentored at micro level by tagging each faculty to a small group of students. This Institute also has a provision of structured student counselling in a periodic manner through professional counsellors.
- g. This institute gives more emphasis on continuous evaluation of students both in theory of sessional paper through seminars demonstration, assignments, micro teaching, flip teaching, disruptive teaching etc.

Commendations:

The panel praised the Institute's initiative to holding Induction programme to orient the young minds of fresher with the engineering system and acclimatise them with the new outcome based education system as per NBA guide lines.

Recommendations:

- (1) The committee recommended inclusion of more industry oriented elective paper in final year UG programme after receiving suitable feedback from Industry.
- (2) They also recommended a provision of credit transfer for final year UG student while they are engaged in internship in different industry in our country and abroad.

3. Curriculum reforms:

- a. As per AICTE Model 2018, the Institute has offered two different programmes in UG level viz. B.Tech and B.Tech (H)
- b. The Institute also gives more emphasis on MOOCS and made provision in their curriculum for conferment of B. Tech with Honours degree. A student has to earn 20 additional credits through MOOCS over and above all the existing courses taught in the college for conferment of Honours degree.
- c. Course curriculum has thoroughly been restructured from 2018-2019 academic session and restricting the total credit to 160 conforming to AICTE model 2018.
- d. All laboratory classes have been made sessional in the new curriculum and they are to be evaluated through continuous assessment comprising of experiment conduction, note book writing, viva, attendance, skills etc.
- e. There is a provision of assessment of students' performance in lab paper through a panel of external experts of respective field in the name of comprehensive Lab assessment in each semester.
- f. The new curriculum gives more importance on industry driven elective papers based on the feedback of employer, alumni and other stakeholders.
- g. There is a provision for mandatory course on social justice, environmental awareness, right to information in the course curriculum of the Institute.
- h. All courses are framed mentioning the objectives and course outcomes.

Commendations: the committee appreciated the Institution's prioritising continuous evaluation system introducing 50 percent weightage to it.

Recommendations: The panel recommended inclusion of more on-line courses and encourage students to upgrade themselves with cutting edge technology where necessary experts are not available in the Institute.

4. Evaluation Process:

- a. To bring transparency in evaluation system, students are allowed to view their evaluated answer script of semester end and midterm examinations before publication of final result.

- b. As a part of continuous internal assessment two (2) midterm examinations are held during each semester.
- c. From academic session 2018-19, grading system are converted to CGPA from old YGPA/DGPA system to keep pace with all India system of grading.
- d. To improve quality of education and level of competence of students, minimum qualifying marks of both theory and sessional items have been raised to 50%.
- e. Extreme confidentiality is maintained in respect of setting question paper as one set out of two submitted by paper setter is arbitrarily chosen by the Chief Controller of Examinations.
- f. The question papers are set adhering to the course objectives of the particular course for onward mapping of direct attainment of course outcome.

Commendation: The panel appreciates the Institute's approach of viewing evaluated answer script to the students before the publication of final results as a unique measure of transparency in evaluation system.

Recommendation: The panel recommends changing the pattern of question paper as per NBA guidelines.

5. Students' performance:

The results of the 1st and 2nd semester are given in a pie chart as **Annexure -1**. The feedback of students about cause of failure in 1st semester examination held in December, 2018 is displayed in **Annexure-2**.

Commendation: The committee found that performance of students in 2nd semester is much better than that in 1st semester. This is perhaps due to the strict enforcement of new academic regulation which compulsorily made the students much more attentive and regular in class. As a result they started performing much better in examinations (both mid semester and end semester).

Recommendation: Based on critical analysis of students' feedback of unsuccessful candidates, the panel recommended arranging classes for betterment of their English communication skill.

6. Research

Research Committee

- i. Review of research projects of faculty: A good number of projects are sanctioned to faculty of each department. Main sponsoring authorities are Department of Sc and Technology (DST, Delhi); University Grants Commission (UGC, Minor and Major); Department of Sc and Tech (DST, WB).
- ii. Research students and research supervision: Eight research fellows are working in this Institute under different Govt. Sponsored projects. Six faculty members are guiding these fellows.
- iii. Provision of space and resources to post graduate and PhD students for research work:
- iv. Participation of students in seminars, conferences and publication of papers.

Final year students and third year students were allowed to attend conference and presented their research work.

Commendation: The committee appreciates the research activities undertaken at the Institute level and the output there from in respect of publications, awards, presentation in conferences. They also commend the Institute's intention to encourage the research interest amongst faculty and students.

Recommendation: The panel encourages faculties to complete their Doctoral degrees and encourages students to involve themselves in research.

Acknowledgements

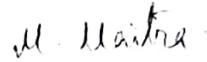
The audit panel thanks all those who contributed to the Institute's self-assessment process and compilation of the self-assessment report. The panel is most grateful for the openness and frankness of who spared their time to appear before the panel and for their constructive comments and observations.

Audit Panel:

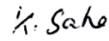
Dr. Sankar Ghatak (External Member) 

Head of the Department – Ceramic Technology

Head of the Department - Information Technology




Head of the Department – Computer Sc and Engg

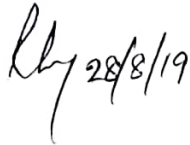


Head of the department of Basic Sc, Engg and Humanities

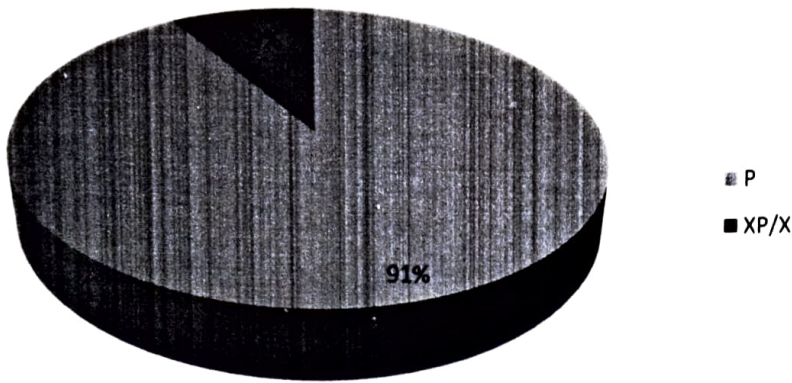
 22/8/2019

Controller of Examinations  28/8/17.

Prof. Ranjan Roy

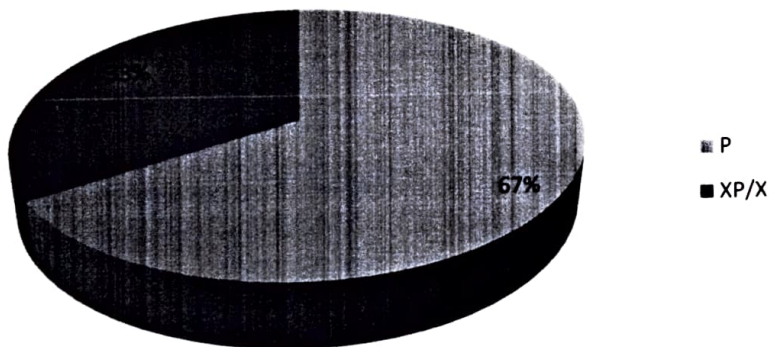
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IT 2nd Sem 2019



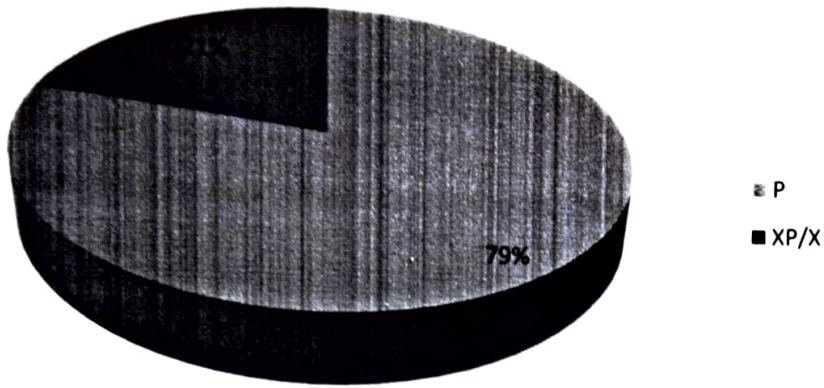
B.Tech(IT) 2ndSem2018-19 Result

IT Ist Sem 2018



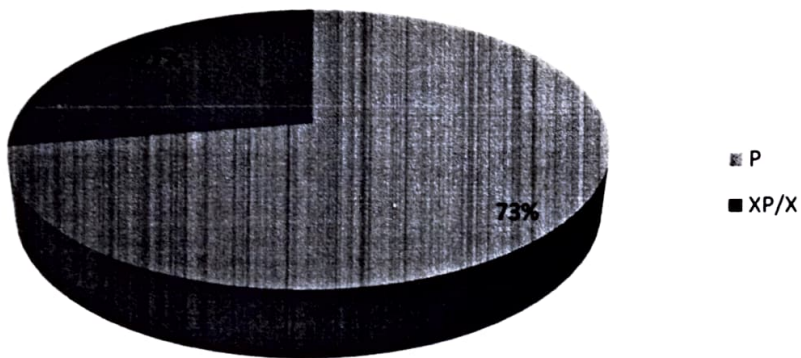
B.Tech(IT) IstSem2018-19 Result

CSE 2nd Sem 2019



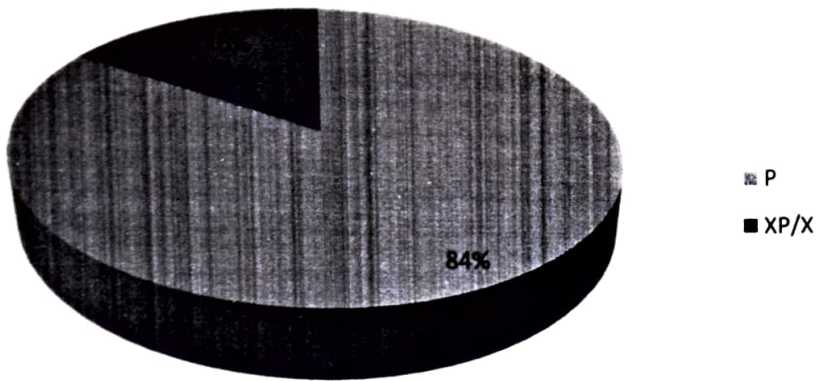
B.Tech(CSE) 2ndSem2018-19 Result

CSE Ist Sem 2018



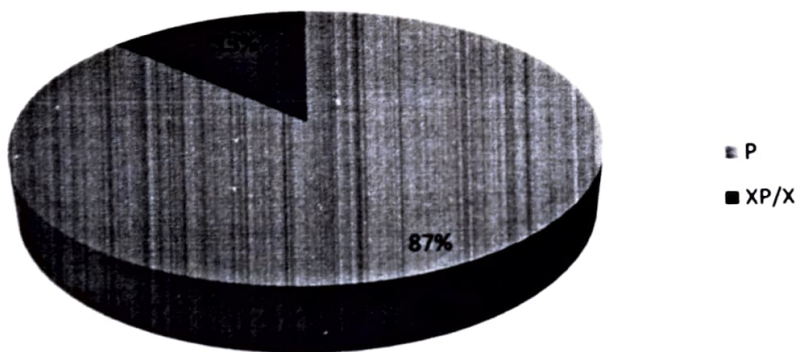
B.Tech(CSE) IstSem2018-19 Result

CT 2nd Sem 2019



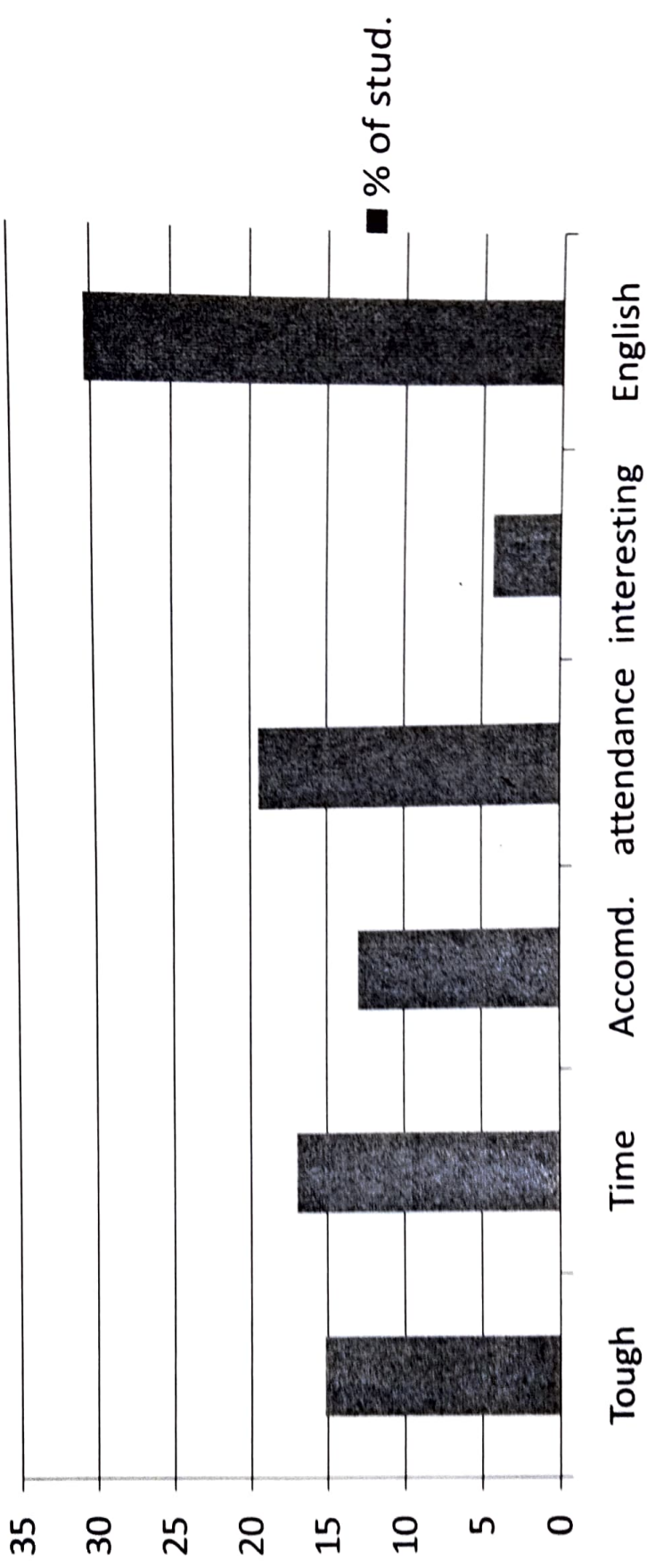
B.Tech(CT) 2nd Sem 2018-19 Result

CT Ist Sem 2018



B.Tech(CT) IstSem 2018-19 Result

Feedback of students about cause of failure in 1st semester examination held in December 2018



GOVT. COLLEGE OF ENGINEERING & CEREMIC TECHNOLOGY

CERTIFICATE FOR UGC AUTONOMY GRANT FOR 2018-2019

SUPRADIP BASU & CO

CHARTERED ACCOUNTANTS

23, SHYAMPUR STREET. KOLKATA - 700004

AUDITORS CERTIFICATE

It is certified that an amount of Rs.9,71,341/- (Rupees nine lakhs seventy one thousand three hundred forty only) has been borrowed from college fund and utilized under different heads with respect to autonomy grand during the financial year 2018-2019 (Within Budget) as per UGC norms and guidelines as per detailed expenditure Annexure and Receipts payment A/C for the year ending 31-03-2019

Place : KOLKATA

DATE : 25/07/19

FOR SUPRADIP BASU & CO .

CHARTERED ACCOUNTANTS

For SUPRADIP BASU & CO.
CHARTERED ACCOUNTANTS
FRN 323913E

FRN 323913E

(SUPRADIP BASU)

SUPRADIP BASU
M/No 052619

PROPRIETOR

M/NO 052619

UDIN 19052619 A AAAA 53927

Govt. College of Engineering & Ceramic Technology

73, Abinash Chandra Banerjee Lane.

Kolkata- 700010

Receipts and payment Accounts of autonomy Grant borrowed from college fund for the financial year ending 31st March 2019 (2018 -2019)

Receipts	Amount(Rs)	Payments	Amount (Rs)
Amount Borrowed from college fund for utilization of money under different heads (within budget) as per UGC allocation norms.	9,71,341.00	1) Honorarium to controller of Examination 2) Remuneration to Guest / Visiting Faculties 3) Expenditure for Book (Library) 4) Expenditure for meeting 5) Renovation of college Building	96000.00 3,62,500.00 2,74,879.00 11,700.00 2,26,262.00
	9,71,341.00		9,71,341.00

Place : Kolkata

Date : 25-07-2019

K. Chakrabarti
Principal
Govt. College of Engineering
& Ceramic Technology
Kolkata-700010
Govt. of West Bengal


Accounts Officer
Govt. College of Engineering
& Ceramic Technology, Kolkata



For SUPRADIP BASU & CO.
CHARTERED ACCOUNTANTS
FRN 323913E

(Signature)
(SUPRADIP BASU)
Proprietor
M/No 052619

UDIN 19052619AAAAAS3927

Govt. College of Engineering & Ceramic Technology

73, Abinash Chandra Banerjee Lane.

Kolkata- 700010

Details of Expenditure with respect to autonomy grant borrowed from college fund & utilized under different heads during the financial year 2018-2019

Sl. No.	Item	Bill/ Voucher No. & Date	Payment Date	Amount (Rs)
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A. General Expenditure

A(1) Honorarium to controller

of Examination :-

Prof. Krishnendu Dutta	E/3 dt 4.5.18	4.5.18	8000.00
	E/6 dt 4.6.18	4.6.18	8000.00
	E/13 dt 4.7.18	4.7.18	8000.00
	E/16 dt 4.8.18	4.8.18	8000.00
	E/21 dt 4.9.18	4.9.18	8000.00
	E/28 dt 3.10.18	3.10.18	8000.00
	E/31 dt 5.11.18	5.11.18	8000.00
	E/34 dt 4.12.18	4.12.18	8000.00
	E/39 dt 3.1.19	3.1.19	8000.00
	E/46 dt 4.2.19	4.2.19	8000.00
	E/49 dt 5.3.19	5.3.19	8000.00
	E/52 dt 29.3.19	29.3.19	8000.00

96000.00

K. C. K. K. K.
Principal
Govt. College of Engineering
& Ceramic Technology
Kolkata-700010
Govt. of West Bengal

Accounts Officer
Govt. College of Engineering
& Ceramic Technology, Kolkata



Remuneration to Guest /
visiting Faculties :-

Gopal Pramanick	BG/27 dt 1.6.18	1.6.18	5000.00
Debadreeta Das	-do	-do	1500.00
Somnath Banerjee	-do	-do	5000.00
Rayan Saptarshi Roy	-do	-do	5000.00
Prasanta Narayan Dutta	BG/32 dt 6.6.18	6.6.18	6000.00
Santosh Kr. Banerjee	-do	-do	3000.00
Onker Nath Mukherjee	BG38 dt 11.6.18	11.6.18	8750.00
Sangita Ghosh	BG/55 dt 2.7.18	2.7.18	15500.00
Santosh Kr. Banerjee	BG/56 dt 4.7.18	4.7.18	9000.00
Aditi Bhattacharya	-do	-do	9000.00
Kuntal Mondal	-do	-do	15000.00
Debadreeta Das	BG/67 dt 16.7.18	16.7.18	1250.00
Rayan Saptarshi Roy	-do	-do	3000.00
Gopal Pramanick	-do	-do	3000.00
Susmita Samaddar	-do	-do	5000.00
Bidisha Ghosh	BG/70 dt 16.7.18	16.7.18	3750.00
Somnath Banerjee	-do	-do	5000.00
Onker Nath Mukherjee	-do	-do	10000.00
Firoj Md	BG/107 dt 30.8.18		3500.00
Onker Nath Mukherjee	BG/121 dt 25.9.18	25.9.18	10000.00
Sharmistha Mondal	BG/128 dt 10.10.18	10.10.18	2500.00
Firoj Md	-do	-do	3500.00
Chitrita Dasgupta	-do	-do	7250.00
Pickon Majumder	BG/129 dt 11.10.18	11.10.18	3000.00
Dipanwinta Ghosh	BG/142 dt 14.11.18	14.11.18	4000.00

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Govt. of West Bengal

Accounts Officer
Govt. College of Engineering
& Ceramic Technology, Kolkata



	-do	-do	4000.00
	-do	-do	3000.00
	-do	-do	4500.00
Santosh Kr. Banerjee	BG/143 dt 14.11.18	14.11.18	4000.00
Somnath Banerjee	-do	-do	5000.00
Susmita Samadder	-do	-do	5000.00
Bidisha Ghosh	-do	-do	5000.00
Chitrita Dasgupta	BG/168 dt 10.12.18	10.12.18	7500.00
Firoj Md	-do	-do	6500.00
Gopal Pramanick	-do	-do	4000.00
Onker Nath Mukherjee	-do	-do	12000.00
Ruma Mallick	BG/170 dt 11.12.18	11.12.18	5000.00
Pickon Majumder	-do	-do	3000.00
Sharmistha Mondal	-do	-do	3500.00
Ananya Biswas	-do	-do	10000.00
Dipanwinta Ghosh	-do	-do	10000.00
Rayan Saptarshi Roy	BG/171 dt 11.12.18	11.12.18	10000.00
Somnath Banerjee	-do	-do	10000.00
Susmita Samadder	-do	-do	13750.00
Dipika Dhara	-do	-do	10000.00
Santosh Kr. Banerjee	-do	-do	8000.00
Bidisha Ghosh	-do	-do	10000.00
Kuntal Mondal	BG/191 dt 15.1.19	15.1.19	4500.00
Ruma Mallick	-do	-do	12500.00
Dipanwinta Ghosh	-do	-do	7250.00
Dipika Dhara	-do	-do	8000.00
Ananya Biswas	-do	-do	7250.00

K. Chokid L
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Accounts Officer
Govt. College of Engineering
& Ceramic Technology, Kolkata



Amath Banerjee
Rayan Saptarshi Roy
Susmita Samadder
Gopal Pramanick

BG/197 dt 28.1.19	28.1.19	8000.00
-do	-do	8000.00
-do	-do	3750.00
-do	-do	2000.00
		<hr/>
		3,62,500.00

A (3) Expenditure for Book (Library)

Academic India	BG/217 dt 26.2.19	26.2.19	<hr/> 2,74,879.00
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A (4) Expenditure for meeting

Mousumi Moitra Majumder	BG/219 dt 28.2.19	28.2.19	2700.00
Appayan Caterar	BG/219 dt 28.2.19	28.2.19	7500.00
Mousumi Moitra Majumder	BG/57 dt 4.7.19	4.7.19	1500.00
			<hr/>
			11700.00

A (5) Removation of college Building

R.K.Enterprise	BG/46 dt 26.6.18	26.6.18	70560.00
Roopkatha Constraction	BG/74 dt 19.7.18	19.7.18	99232.00
R.K.Enterprise	BG/130 dt 11.10.18	11.10.18	21280.00
R.S. Traders	BG/59 dt 10.7.18	10.7.18	27350.00
R.S. Traders	BG/99 dt 13.8.18	13.8.18	7840.00
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			2,26,262.00



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