

Ghani Khan Choudhury Institute of Engineering and Technology

(A Centrally Funded Technical Institute under Ministry of Education, Govt. of India)

Narayanpur, Dist: Malda, Pin- 732141, West Bengal



न हि ज्ञानेन सदृशं पवित्रमिह विद्यते

Mandatory Disclosures

(Academic Year: 2024-25)

Mandatory Disclosures for the Academic Year: 2024-25

1. Name of the Institution:

GHANI KHAN CHOUDHURY INSTITUTE OF ENGINEERING AND TECHNOLOGY

- Address including Telephone, Mobile, E-Mail
Narayanpur, Dist: Malda, Pin- 732141, West Bengal.
E-mail: director.gkciet@gmail.com
Mobile: (+91) 03512-221130; 7866931531

2. Name and address of the Trust/ Society/ Company and the Trustees:

Ghani Khan Choudhury Institute of Engineering and Technology Society

- Address including Telephone, Mobile, E-Mail
Narayanpur, Dist: Malda, Pin- 732141, West Bengal.
E-mail: director.gkciet@gmail.com
Mobile: (+91) 03512-221130

3. Name and Address of the Vice Chancellor/ Principal/Director

Prof. Parameswara Rao Alapati

- Address including Telephone, Mobile, E-Mail
E-mail: director.gkciet@gmail.com
Mobile: (+91) 8787585906

4. Name of the affiliating University

Programs	Affiliating Board/University
B. Tech	Maulana Abul Kalam Azad University of Technology (MAKAUT), WestBengal
Diploma	West Bengal State Council of Technical & Vocational Education and Skill Development (WBSCT&VE&SD), Kolkata

5. Governance

- Members of the GKCIET Society and their brief background

Sl.No.	Name and Address of the Members	Description
01.	Sh. K Sanjay Murthy Secretary, Ministry of Education, 127-C, Shastri Bhawan, New Delhi	Chairman (Ex-Officio)
02.	Prof. P. R. Alapati , Director, GKCIET, Malda, West Bengal	Member (Ex-Officio)
03.	Shri Anoop Kumar Agarwal, IAS Principal Secretary, Govt. of West Bengal, Dept. of Technical Education, Training and Skill Development, Karigori Bhawan, 2 nd Floor, Action Area-III, Plot B-7, New Town, Rajarhat, Kolkata-700160	Member (Ex-Officio)
04.	Shri Govind Jaiswal, IAS Joint Secretary (TEL), Ministry of Education, Dept. of Higher Education, Shastri Bhawan, New Delhi	Member (Ex-Officio)
05.	Shri Sanjog Kapoor Joint Secretary & FA, Integrated Finance Bureau, Govt. of India, Dept. of Higher Education, Ministry of Education Shastri Bhawan, New Delhi	Member (Ex-Officio)
06.	Shri M.M. Singh Director (T), Dept. of Higher Education, Ministry of Education, Govt. of India, Shastri Bhawan, New Delhi-110001	Member (Ex-Officio)
07.	Prof. T. G. Sitharam, Chairman, All India Council of Technical Education, New Delhi	Member (Ex-Officio)
08.	Mrs. Veena Dunga Under Secretary, Ministry of Education, Department of Higher Education, Shastri Bhawan, New Delhi.	Member (Ex-Officio)
09.	Prof. Mamidala Jagadesh Kumar Chairman, University Grants Commission, Bahadurshah Zafar Marg, New Delhi	Member (Ex-Officio)

- Members of the Board and their brief background

Sl. No.	Name and Address	Designation
01.	Shri Prashant Pole Director, Disha Consultant	Chairman
02.	Prof. Virendra Kumar Tewari Director, Indian Institute of Technology (IIT), Kharagpur, West Bengal	Member
03.	Prof. Parameswara Rao Alapati Director, GKCIET, Malda, West Bengal	Member Secretary
04.	Shri Govind Jaiswal, IAS Joint Secretary (TEL) Dept. of Higher Education, Ministry of Education, Govt. of India, Shastri Bhawan, New Delhi-110001	Member
05.	Shri Sanjog Kapoor, IRS AS & FA, Integrated Finance Bureau, Dept. of Higher Education, Ministry of Education, Govt. of India, Shastri Bhawan, New Delhi-110001	Member
06.	Shri Manish Jain, IAS Principal Secretary, Dept. of Higher Education, Bikash Bhavan, 6 th Floor, Salt Lake, Kolkata- 700091	Member
07.	Shri Anoop Kumar Agarwal, IAS Principal Secretary, Govt. of West Bengal, Dept. of Technical Education, Training and Skill Development, Karigori Bhavan, 2 nd Floor, Action Area-III, Plot B-7, New Town, Rajarhat, Kolkata-700160	Member
08.	Prof. Raman Trivedi Dept. of Aquatic Environment Management, West Bengal University of Animal and Fishery Science, 5 Budherhat Road, PANCHASAYAR, Kolkata-700094	Member
09.	Dr. Ashish Dongre Principal, Indore Wemen's Polytechnic College, Polytechnic College Campus, A.B.Road, Rajendra Nagar, Indore-452012, M.P.	Member
10.	Dr. Sandip Chanda Associate Professor & Dean-Faculty Welfare, HoD, EE, GKCIET, Malda, West Bengal	Member
11.	Shri Umesh Chandra Prasad Registrar, GKCIET, Malda	Non Member Secretary

- Members of the Finance Committee and their brief background

Sl. No.	Name and Address	Designation
01.	Shri Prashant Pole Director, Disha Consultant	Chairman
02.	Shri Govind Jaiswal, IAS Joint Secretary (TEL) Dept. of Higher Education, Ministry of Education, Govt. of India, Shastri Bhawan, New Delhi-110001	Member
03.	Shri Sanjog Kapoor, IRS AS & FA, Integrated Finance Bureau, Dept. of Higher Education, Ministry of Education, Govt. of India, Shastri Bhawan, New Delhi-110001	Member
04.	Prof Jagat Bhushan Nadda Director, CEC.	Member
05.	Prof Lalit Kumar Awasthi Director, NIT Uttarakhand	Member
06.	Prof. Parameswara Rao Alapati Director, GKCIET, Malda, West Bengal	Member Secretary

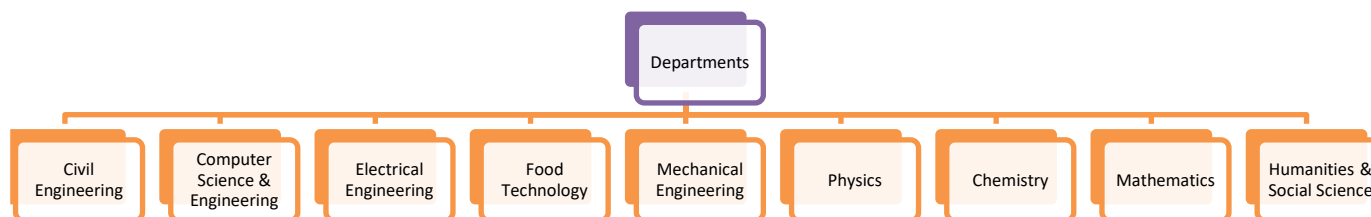
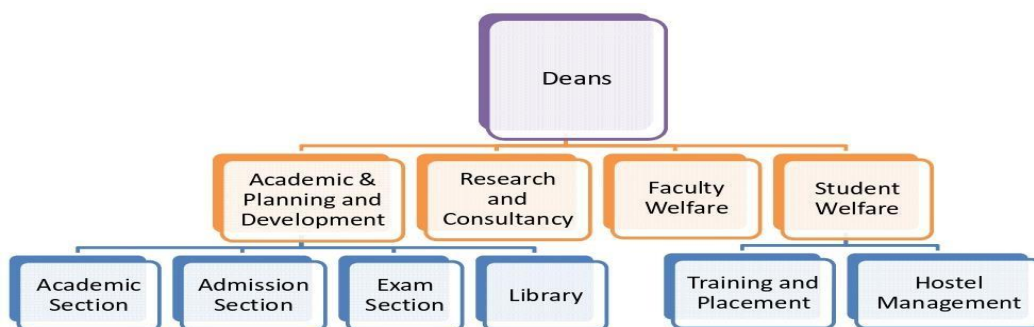
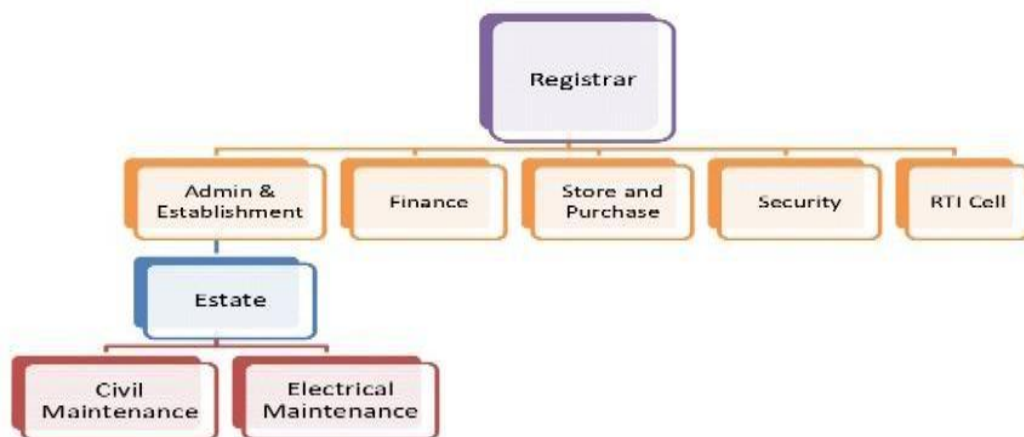
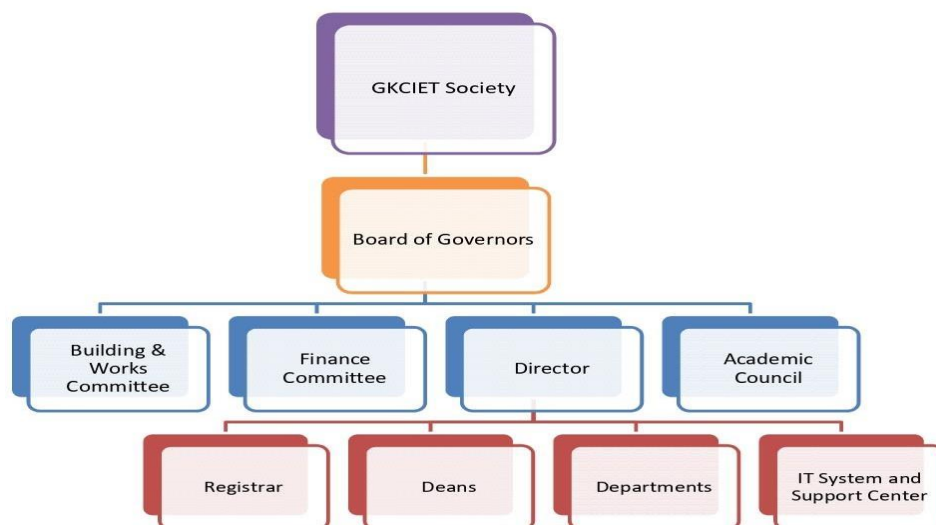
- Members of the Building and Works Committee and their brief background

Sl. No.	Name and Address	Designation
01.	Prof. Parameswara Rao Alapati Director, GKCIET, Malda, West Bengal	Chairman
02.	Shri Mrutyunjay Behera Joint Secretary (Admin) Dept. of Higher Education, Ministry of Education, Govt. of India, Shastri Bhawan, New Delhi-110001 Member	Member
03.	Prof. Siby John, Professor, Dept. of civil Engg. & Dy. Director, Punjab Engg. College; NIT, Rourkela, Odisha-769008	Member
04.	Prof. R. K. Sahu Dept. of EEE, Veer Surendra Sai Univ. of Technology, Orissa	Member
05.	Prof. Kshirod Kumar Dash Professor, Dept. of FPT, Dean, (Acad. P&D) GKCIET, Malda	Member
06.	Shri Umesh Chandra Prasad Registrar, GKCIET, Malda	Member Secretary

• **Members of Academic Advisory Body / Academic Council**

Sl. No.	Name of the Members	Designation	Position
01.	Prof. Parameswara Rao Alapati	Director GKCIET, Malda, West Bengal	Chairman
02.	Prof. Alok Kanti Deb	Professor Dept. of EE, IIT Kharagpur, West Bengal- 721302,	Member
03.	Prof. Rajive Mohan Pant	Professor Centre for Management Studies, NERIST, Nirjuli, Arunachal Pradesh-791109	Member
04.	Dr. Suparna Mukhopadhyay	Deputy General Manager (BE), FSTPS, 2nd Floor, Admin Building, Farakka Super Thermal Power Station, NTPC, P.O. Nabarun, Dist. Murshidabad, W.B - 742236	Member
05.	Dr. Kshirod Kr. Dash	Professor Dean- Acad., P & D; GKCIET, Malda	Member
06.	Dr. Sandip Chanda	Associate Professor Dean- Faculty Welfare; GKCIET, Malda	Member
07.	Dr. Kiran Yarrakula	Professor Dean- Student Welfare; GKCIET, Malda	Member
08.	Dr. Koushik Paul	Associate Professor Dean (Research & Consultancy) GKCIET, Malda	Member
09.	Dr. M. M. Jagdeesh Kumar	Associate Professor HoD, ME Dept., GKCIET, Malda	Member
10.	Dr. Rakesh Das	Assistant Professor HoD, Physics Dept., GKCIET, Malda	Member
11.	Dr. Suranjan Sikdar	Associate Professor HoD, Chemistry Dept., GKCIET, Malda	Member
12.	Dr. Bikarna Tarfdar	Assistant Professor HoD, Mathematics Dept., GKCIET, Malda	Member
13.	Dr. Priyanka Sahu	Assistant Professor HoD, Humanities & Social Science Dept. GKCIET, Malda	Member
14.	Dr. Babul Prasad Tewari	Associate Professor HoD, CSE Dept. GKCIET, Malda	Member
15.	Dr. Surajit Chattopadhyay	Associate Professor HoD, EE Dept. GKCIET, Malda	Member
16.	Dr. Soumi Bhattacharyya	Assistant Professor HoD, CE Dept., GKCIET, Malda	Member
17.	Dr. Amit Baran Das	Associate Professor HoD, FPT Dept., GKCIET, Malda	Member
18.	Prof. Dalbir Singh	Professor In Charge Non formal., GKCIET, Malda	Member
19.	Dr. Uttam Kumar Ghosh	Assistant Librarian, GKCIET, Malda	Member
20.	Shri Umesh Chandra Prasad	Registrar, GKCIET, Malda	Secretary

- Organizational chart and processes



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

Participants	Events
Students	YOGA Camp
	INDUCTION PROGRAM
	CULTURAL PROGRAMS
	AICTE CHATRA BISWAKARMA AWARD
	EK BHARAT SHRESTHA BHARAT ACTIVITIES
	INTER-POLYTECHNIC SPORTS COMPETITION
	LET'S MAKE CORRUPTION FREE INDIA
	INDUSTRIAL VISITS
	ONLINE SPOKEN ENGLISH COURSES
	AUTOCAD/SOLIDWORKS training
Students, Faculty Members	INDUSTRY 4.0, GROWTH, NETWORKING, INNOVATION TECHNOLOGY& ENTREPRENEURSHIP (IGNITE) CENTRE OF EXCELLENCE
	IIT VIRTUAL LABORATORY NODAL CENTRE AT GKCIET, MALDA, WEST BENGAL
	PARTICIPATION/PURSING COURSES IN SWAYAM, NITTETC. PLATFORMS.
	UNIVERSAL HUMAN VALUES WORKSHOPS
Students, Faculty and Staff Members	GANDHI JAYANTI/ SWACHHA BHARAT ABHIYAN/SWACHHTA HI SEVA/
	CELEBRATION OF RABINDRA JAYANTI
	CELEBRATION OF INTERNATIONAL YOGA DAY
	CELIBRATION OF SWACCHATA PAKHWARA
	BIRTH ANNIVERSARY OF NETAJI SUBHAS CHANDRA BOSE
	CELEBRATION OF REPUBLIC DAY
	RASTRIYA EKTA DIWAS/ CALEBRATION OF BIRTH ANNIVERSARY OF SARDAR VALLABHBHAI PATEL
	CELEBRATION OF THE INDEPENDENCE DAY
	INTERNATIONAL LANGUAGE DAY CELEBRATION /MATRIBHASHA DIWAS (MOTHER TONGUE DAY)
	CELEBRATION OF INSTITUTE FOUNDATION DAY
	VIGILENCE AWARENESS WEEK OBSERVATION AT GKCIET FROM 28TH OCTOBER TO 2ND NOVEMBER
	BIRTHDAY CELEBRATION OF DR. B. R. AMBEDKAR
	CELEBRATION OF WOMENS' DAY
	CELIBRATION OF HINDI DIWAS
	ORGANIZE BLOOD DONATION CAMPS
	GKCIET ANNUAL SPORTS
	FOUNDATION DAY CELEBRATION
	CYBER JAGROOKTA DIWAS
	OTHER OCCASIONS AS PER GOI INSTRUCTIONS

- Mechanism/ Norms and Procedure for democratic/good Governance
Please see the links:
<https://www.gkciет.ac.in/facility/Grievance>
- Student Feedback on Institutional Governance/ Faculty performance
Link for AICTE 360-degree feedback: <https://www.gkciет.ac.in/facility/aicte>

- Grievance Redressal mechanism for faculty, staff



E-mail: ar-subhasis@gkci.ac.in

Ghani Khan Choudhury Institute of Engineering and Technology
(A Centrally Funded Technical Institute under Ministry of Education, Govt. of India.)
Narayanpur, Dist.: Malda, Pin- 732141, West Bengal

Memo No: GKCIET/9845

Date: 24.03.2023

OFFICE ORDER

In tune with the AICTE notification, the Competent Authority of the Institute is pleased to constitute a Grievance Redressal Committee (GRC) with the following members to provide a mechanism to the teaching/non-teaching staff for redressal of their grievances.

Sl. No.	Name	Capacity
1	Prof. Parameswara Rao Alapati, Director, GKCIET Malda	Chairman
2	Dr. Sonia Kundu, Head Dept. Of Food Science, MAKAUT, WB	Member
3	* One Senior Member from DTE, Govt. of West Bengal.	Member
4	Dr. Koushik Paul, Associate Professor and Dean (Acad., P & D)	Member

* Nomination request to DTET, WB sent vide memo no GKCIET/9699 dated 28.02.2023. Nominated official will be included in the committee after receiving the nomination from DTET, WB.

Complaints from an aggrieved faculty/staff member relating to the Institution shall be addressed to the Chairperson, Grievance Redressal Committee (GRC) individually.

This issues with the approval of the competent authority.

(Signature) 24.03.2023

(Dr. Subhasis Bhattacharjee)
Assistant Registrar (A&E)

Copy to:

1. All Concerned Members (through e-mail)
2. All Employee Members, GKCIET, Malda (through official e-mail)
3. All Deans /HoDs/Hos', GKCIET, Malda (through official e-mail)
4. Deputy Registrar - for kind information please.
5. Director - for kind information please.
6. File copy

- Grievance redressal mechanism for students



E-mail: ar-subhasis@gkciet.ac.in

Ghani Khan Choudhury Institute of Engineering and Technology

(A Centrally Funded Technical Institute under Ministry of Education, Govt. of India.)

Narayanpur, Dist.: Malda, Pin- 732141, West Bengal

Memo No: GKCIET/9849

Date: 24.03.2023

OFFICE ORDER

In tune with the AICTE notification, the Competent Authority of the Institute is pleased to constitute a Student Grievance Redressal Committee (GRC) with the following members to provide a mechanism to address the grievance of student including matter at the Institution level itself.

Sl. No.	Name	Capacity
1	Prof. P. R. Alapati, Director, GKCIET	Chairperson
2	Dr. Kiran Yarrakula, HoD, Dean-SW	Member
3	Dr. Koushik Paul, Dean, (Acad.)	Member
4	Dr. Anwesa Sarkar, Assistant Professor	Member
5	Mallela Vamshi, student, B. Tech (ME)	Member
6	Aritra Sengupta, 2 nd Year student (EE)	Member
7	Ishika Pramanik, 2 nd Year student, B.Tech (FPT)	Member

Complaints from an aggrieved student relating to the Institution shall be addressed to the Chairperson, Student Grievance Redressal Committee (GRC) individually.

This issues with the approval of the competent authority.

(Dr. Subhasis Bhattacharjee)
Assistant Registrar (A&E)

Copy to:

1. All Concerned Members (through e-mail)
2. All Deans /HoDs/Hos', GKCIET, Malda (through official e-mail)
3. Deputy Registrar - for kind information please.
4. Director – for kind information please.
5. File copy

- Establishment of Anti Ragging Committee



E-mail: ar_subhasis@gkciet.ac.in

Ghani Khan Choudhury Institute of Engineering and Technology
(A Centrally Funded Technical Institute under Ministry of Education, Govt. of India.)
Narayanpur, Dist: Malda - 732141, West Bengal

Memo No: GKCIET/9147

Date: 18.11.2022

OFFICE ORDER

Under the All India Council for Technical Education (Prevention and Prohibition of Ragging in Technical Institutions, Universities including Deemed to be Universities imparting Technical Education) Regulations 2009, the Hon'ble Director is pleased to constitute the following Anti-Ragging Committee to prohibit, prevent and eliminate the scourge of ragging in the Institution and, therefore, to provide an educational environment for healthy development physically and psychologically to all students.

1.	Professor P. R. Alapati, Director, GKCIET, Malda	Chairman
2.	Dr. Kiran Yarrakula, Dean-SW, GKCIET, Malda	Member Secretary
3.	Dr. Sandip Chanda, Dean-FW, GKCIET, Malda	Member
4.	Dr. Koushik Pal, Dean, Academics, P & D, GKCIET, Malda	Member
5.	Dr. Kshirod Kumar Dash, Dean-R&C, Dept. of FPT, GKCIET, Malda	Member
6.	Md. Abdur Rajjaque, Deputy Registrar, GKCIET, Malda	Member
7.	Ms. Imayammosha Wahlang, Assistant Professor, GKCIET, Malda (Lady faculty member)	Member
5.	Smt. Sultana Praveen, Technical Assistant, GKCIET, Malda (Lady staff member)	Member
6.	One representative of District Administration (to be nominated by the DM, Malda)	Member
7.	One representative of Police Administration (to be nominated by the SP, Malda)	Member
8.	Mr. Prasanta Kumar Das (Representative of Local Media)	Member
9.	Nanda Dulal Sarkar (NGO Nominee)	Member
10.	Two representatives of Parents, one each from Diploma & Degree (to be nominated by Dean in consultation with students)	Member
11.	Two students belong to fresher category One each from Diploma & Degree, GKCIET, Malda (to be nominated by Dean)	Member
12.	Two girl students, One each from Diploma & Degree, GKCIET, Malda (to be nominated by Dean)	Member
13.	Mr. Dharmendra Chaubey, Security Officer, GKCIET, Malda	Member

This issues with the approval of the competent authority.

 18.11.2022
(Dr. Subhasis Bhattacharjee)
Assistant Registrar (A&E)

Copy to:

1. Concerned persons (by name)
2. System Manager-to upload in website.
3. All HOD/HoS/Dean.
4. Director – for kind information please.
5. File copy

- Establishment of Online Grievance Redressal Mechanism

Available on Institute Web Portal

Please see the link:

<http://gkciet.edugrievance.com/>

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

Members of Student Grievance Committee has already been made available in page 10 of this 'Mandatory Disclosure' document. Dr. Sandip Chanda was appointed as Ombudsman (vide Memo No.: 5866 dated 9/12/2020) by the Institute to hear the appeals of the students.

- Establishment of Internal Complaint Committee (ICC)



E-mail: ar_aditya@gkci.ac.in

Ghani Khan Choudhury Institute of Engineering and Technology

(A Centrally Funded Technical Institute under Ministry of Education., Govt. of India.)

Narayanpur, Dist.: Malda, Pin- 732141, West Bengal

Memo: GKCIET/ 9519

Date: 02.02.2023

Office Order

In accordance with the Govt. of India Gazette Notification Part-II, Section-1, No. 18 "The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013" and Part-II, Section-4 of All India Council for Technical Education (Gender Sanitization, Prevention and prohibition of Sexual Harassment of Women Employees and Students and Redressal of Grievances in Technical Institutes) Regulations, 2016, the Director, GKCIET is pleased to reconstitute the Internal Complaints Committee (ICC) at this Institute with the following:

Sl. No.	Name of the Member	Capacity	Contact Number	E-mail ID
1.	Dr. Soumi Bhattacharyya Ass.t Professor (CE)	Presiding Officer	9143382169	soumi@gkci.ac.in
2.	Ms Chhandita Das Asst. Professor (English)	Member	9609275278	chhandita@gkci.ac.in
3.	Dr. Chiranjit Sain Asst. Professor (EE)	Member	9434468922	chiranjit@gkci.ac.in
4.	Ms Pampa Pramanik Roy (M.T.S)	Member	9775918217	pampa_mts@gkci.ac.in
5.	Ms Jayasree Karmakar Secretary, J.S.H.S.W.A	Member	7908549594	jayasreekrmakar.jshswa@gmail.com
6.	Ms Shibani Das, V.P, NGO Udichi	Member	8145280268	sdmalda1977@gmail.com
7.	Mr. Vuyyuru Gudarankamma Degree Students	Member	6309437157	gudarankammavuyyuru@gmail.com
8.	Mr. Safiur Rahman Diploma Students	Member	8434971651	safiurrahmankkr@gmail.com
9.	Mr. Rakesh Chandra Sarkar Degree Students	Member	9083743374	rakeshsarkar20655@gkci.ac.in

Grievances/ Complaints can be submitted to the Committee members either physically or by e-mail. This comes into force with immediate effect and earlier order in this regards has been superseded.

This issues with the approval of the competent authority.

(Aditya Kumar Singh)
Assistant Registrar (A&E) (i/c)

Copy to:

- Persons concerned (by name)
- All employees (through official e-mail)
- All Deans/ HoDs/ HoS' (through official e-mail)
- Director, GKCIET for kind information please
- File copy

• Establishment of Committee for SC/ST



ar_subbasis@gkci.ac.in

Ghani Khan Choudhury Institute of Engineering and Technology

(A Centrally Funded Technical Institute under Ministry of Education, Govt. of India.)

Narayanpur, Dist: Malda, Pin- 732141, West Bengal

Memo No: GKCIET/ ৩৪৪৮


Date: 27.03.2023

In modification to the earlier office order vide memo no. GKCIET/6597, dated 24.09.2021 Pursuant to the SC/ST Act, 1989 dated 11.09.1989, a SC/ST Cell has been constituted at Ghani Khan Choudhury Institute of Engineering and Technology (GKCIET) Malda with the following

S. N.	Name of the Employee	Capacity	Contact No	Email Id
01.	Dr. Shib Shankar Choudhury, Asst. Professor (HSS)	Liaison Officer	9832329297	shibsankar@gkci.ac.in
02.	Dr. Vivek Kumar, Asst. Professor (FPT)	Convener	6371650970	vivek@gkci.ac.in
03.	Ms. Imayanmosha Wahlang, Assistant Professor (CSE),	Member	9856132335	imayanmosha@gkci.ac.in
04.	Mr. Rajeev Kumar, Assistant Professor (EE)	Member	9378316577	rajeev@gkci.ac.in
05.	Mr. Puspajit Sarkar, Technical Assistant (CSE)	Member	8670500720	puspqjit@gkci.ac.in

Grievances/Complaints can be submitted to the Committee members either physically or by e-mail.

This issues with the approval of the competent authority.

 27.03.2023

(Dr. Subhasis Bhattacharjee)
Assistant Registrar (A&E)

Copy to:

1. Persons concerned (by name)
2. All Employees(through official email)
3. All Deans / HoDs/HoS' (through official e-mail)
4. Deputy Registrar, GKCIET-for kind information please
5. Director, GKCIET- for kind information please
6. File copy

• Internal Quality Assurance Cell



न हि ज्ञानेन सदृशं पवित्रमिह विद्यते

E-mail: ar_debanick@gkci.ac.in
Ghani Khan Choudhury Institute of Engineering and Technology
 (A Centrally Funded Technical Institute under Ministry of Education, Govt. of India.)
 Narayanpur, Dist: Malda, Pin- 732141, West Bengal

Memo No. GKCIET/11696

Date: 05.02.2024

Office Order

Competent Authority of GKCIET is pleased to constitute an Internal Quality Assurance Cell (IQAC) of GKCIET with immediate effect as detailed below under provision on UGC rules and as verified by AICTE.

Sl. No.	Name of the Official	Designation	Capacity
01.	Prof. P. R. Alapati	Director	Chairperson
02.	Prof. S. S. Pattnaik	Professor (HAG), Dept. of Media Engineering NITTTR, Chandigarh - 160019	Member
03.	Prof. R. M. Pant	Vice Chancellor Assam University, Silchar - 788011	Member
04.	Prof. Kshirod Kumar Dash	Professor	Coordinator and Member Secretary
05.	Prof. Kiran Yarrakula	Professor	Member
06.	Prof. Dalbir Singh	Professor/ In Charge	Member
07.	Dr. M. M. Jagadeesh Kumar	Associate Professor	Member
08.	Dr. Babul Prasad Tewari	Associate Professor	Member
09.	Dr. Amit Baran Das	Associate Professor	Member
10.	Sri Umesh Chandra Prasad	Registrar	Member

The membership of such nominated members shall be for a period of two years. The IQAC should meet at least once in a quarter. The quorum for the meeting shall be two-third of the total number of members. The agenda, minutes and Action Taken Reports are to be documented with official signatures and maintained electronically in a retrievable format.

The committee will look after the following activities:

- Development and application of quality benchmarks/parameters for the various academic and administrative activities of the Colleges;
- Facilitating the creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- Arrangement for feedback responses from students, parents and other stakeholders on quality related institutional processes;

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- Dissemination of information on the various quality parameters of higher education;
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- Documentation of the various programmes/activities of the College, leading to quality improvement;
- Acting as a nodal agency of the college for coordinating quality-related activities, including adoption and dissemination of good practices;
- Development and maintenance of institutional database through MIS for the purpose of maintaining/enhancing the institutional quality;
- Development of the Annual Quality Assurance Report (AQAR) of the College based on the quality parameters/assessment criteria developed by the relevant quality assurance body (like NAAC, NBA, AB) in the prescribed format;
- Bi-annual development of Quality Radars (QRs) and Ranking of Integral Unites of Colleges based on the AQAR;
- Interaction with SQACs in the pre and post accreditation quality assessment, sustenance and enhancement endeavours.

In addition to the above IQAC will look after any other quality assurance related issues that may come up at the Institute level and as per guidelines.

This issues with the approval of the competent authority.

Dr 05.02.24
(Debanick Majumder)
Assistant Registrar (A&E)

Copy to:

1. All concerned members (through e-mail)
2. HoD/HoS, GKCIET, Malda
3. All Deans, GKCIET, Malda
4. Deputy Registrar, GKCIET, Malda
5. Registrar, GKCIET, Malda
6. Director, GKCIET, Malda for kind information please
7. Chairman BoG, GKCIET, Malda for kind information please
8. Joint Secretary (TEL), D/o: Higher Education, MoE, Govt. of India, Shastri Bhawan, New Delhi
9. File Copy

6. Programmes

- Name of Programmes approved by AICTE

Program	Name of Departments	Intake Capacity for 2024-25	Duration in years
B. Tech	Electrical Engineering	60	4
	Food Technology	60	4
	Mechanical Engineering	60	4
	Civil and Environmental Engineering	60	4
	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	60	4
Diploma	Civil Engineering	60	3
	Computer Science and Technology	60	3
	Electrical Engineering	30	3
	Food Processing Technology	30	3
	Mechanical Engineering	30	3

- Name of Programmes Accredited by AICTE
- Status of Accreditation of the Courses **Not Applicable**
 - Total number of Courses
 - No. of Courses for which applied for Accreditation
 - Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for Courses
- For each Programme the following details are to be given:
 - Name
 - Number of seats
 - Duration
 - Cut off marks/rank of admission during the last three years

Followed norms/standards of JEXPO & VOCLET, WBSCT&VE&SD, Kolkata for Diploma Programs and WBJEE & JELET/JEE (Main), JoSSA/CSAB for B. Tech Programs.

DATA SHEET FOR ADMISSIONS THROUGH JEXPO (DIPLOMA PROGRAM)		
A.Y.	JEXPO ALLOTTED	
	DEPARTMENT	GENERAL RANK
2020-21	CE	Lowest: 6769; Highest: 32851
	CSE	Lowest: 3095; Highest: 26699
	EE	Lowest: 5759; Highest: 21829
	FT	Lowest: 3788; Highest: 33500
	ME	Lowest: 9126; Highest: 23662
2021-22	CE	Lowest: 1479; Highest: 25032
	CSE	Lowest: 286; Highest: 22397
	EE	Lowest: 325; Highest: 26419
	FT	Lowest: 6144; Highest: 25240
	ME	Lowest: 5750; Highest: 26389
2022-23	CE	Lowest: 899; Highest: 37184
	CSE	Lowest: 1296; Highest: 36519
	EE	Lowest: 5233; Highest: 34968
	FT	Lowest: 20286; Highest: 37820
	ME	Lowest: 5083; Highest: 36257
2023-24	CE	Lowest: 10164; Highest: 36375
	CSE	Lowest: 1989; Highest: 26476
	EE	Lowest: 2133; Highest: 36217
	FT	Lowest: 7695; Highest: 36210
	ME	Lowest: 4883; Highest: 29705

DATA SHEET FOR ADMISSIONS THROUGH WBJEE AND JoSAA/CSAB (B Tech Program)					
A.Y.	WBEE ALLOTTED		JoSAA/CSAB ALLOTTED	DECENTRALISED	TOTAL ADMISSION
	DEPARTMENT	GMR			
2018-19	EE			1	25/60 [41.7%]
	FT				18/60 [30%]
	ME				23/60 [38.3%]
2019-20	EE	Lowest: 9536; Highest: 63330	Lowest: 129810; Highest: 1015301		19/60 [31.7%]
	FT	Lowest: 11856; Highest: 26061	Lowest: 358010; Highest: 634993		9/60 [15%]
	ME	Lowest: 11017; Highest: 71754	Lowest: 196467; Highest: 793307		27/60 [45%]
2020-21	EE	Lowest: 9937; Highest: 62798	Lowest: 61729; Highest: 637930	12	45/60 [75%]
	FT	Lowest: 11429; Highest: 45675	Lowest: 66660; Highest: 652559	9	41/60 [68.3%]
	ME	Lowest: 17867; Highest: 60580	Lowest: 80952; Highest: 754352	19	51/60 [85%]
2021-22	EE	Lowest: 4458; Highest: 41525	Lowest: 80657; Highest: 626553	2	41/54 [75.9%]
	FT	Lowest: 7140; Highest: 28196	Lowest: 316846; Highest: 476405	3	27/54 [50%]
	ME	Lowest: 7777; Highest: 62298	Lowest: 70852; Highest: 740211	3	41/54 [75.9%]
2022-23	EE	Lowest: 8513; Highest: 61963	Lowest: 108092; Highest: 521082	5	49/60 [81.67%]
	FT	Lowest: 7331; Highest: 102066	Lowest: 51337; Highest: 660539	3	27/60 [45%]
	ME	Lowest: 8753; Highest: 134664	Lowest: 80591; Highest: 589675	2	44/60 [73.33%]
2023-24	CE	Lowest: 55277; Highest: 77753	Lowest: 203784; Highest: 1010320	5	28/60 [46.67%]
	CSE	Lowest: 5790; Highest: 106683	Lowest: 51412; Highest: 741249	9	58/60 [96.67%]
	EE	Lowest: 11017; Highest: 87800	Lowest: 67878; Highest: 399540	5	36/60 [58%]
	FT	Lowest: 16946; Highest: 321609	-	3	18/60 [30%]
	ME	Lowest: 12159; Highest: 91148	Lowest: 178073; Highest: 419902	6	30/60 [50%]

- Fee:

Fee Structure for 3-year Diploma programs of Ghani Khan Choudhury Institute of Engineering & Technology, Malda from session of 2018-19

<i>Description</i>	<i>Fees (Rs.)</i>	<i>Remarks</i>	<i>Fees/1st Semester</i>	<i>Fees/Odd Semester except 1st Semester</i>	<i>Fees/Even Semester</i>
Seat Booking Fee*	500/-	1 st Semester	500/-	-	-
Registration Fee#	150/-	1 st Semester	150/-	-	-
Admission Fee	200/-	Each odd Semester	200/-	200/-	-
Student's Insurance	120/-	Each odd Semester	120/-	120/-	-
Tuition Fee**	300/-	Each Semester	300/-	300/-	300/-
Caution Deposit	35/-	Each Semester	35/-	35/-	35/-
Session Charge	50/-	Each Semester	50/-	50/-	50/-
Examination Fee	250/-	Each Semester	250/-	250/-	250/-
Institute I-Card	50/-	1 st Semester	50/-	-	-
Library I-Card	50/-	1 st Semester	50/-	-	-
Other Fees	As Applicable				
Total			1,705/-	955/-	635/-

*Not applicable, if paid to the Council directly by the Candidates# Half for the Candidates under Kanyashree scheme

** Exempted for the candidates under the TFW scheme.

N. B.: Hostel accommodation is available at present. Accommodation and mess charges are to be paid separately.

Proposed Fee Structure for 4-year B.Tech programs of Ghani Khan Choudhury Institute of Engineering & Technology, Malda for A.Y. 2024-25

<i>Description</i>	<i>Fees under GKCIET (Rs.)</i>	<i>Fees under MAKAUT (Rs.)</i>	<i>Remarks</i>	<i>Fees/1st Semester</i>	<i>Fees/ Odd Semester except 1st Semester</i>	<i>Fees/Even Semester</i>
Caution Money	5,000/-	-	1 st Semester/Refundable	5,000.00	-	-
Admission Fee	500/-	-	Each odd Semester	605.00	605.00	-
Registration Fee	-	500.00	1 st Semester	500.00	-	-
Development Fee	-	2,200.00	1 st Semester (Rs. 550/- per year)	2,200.00	-	-
Student's Insurance	120/-	-	Each odd Semester	145.00	145.00	-
Medical Fee	150/-	-	Each Semester	182.00	182.00	182.00
Tuition Fee*	1,500/-	-	Each Semester	3,630.00	3,630.00	3,630.00
Session Charge	2,500/-	-	Each Semester	6,050.00	6,050.00	6,050.00
Examination Fee	300/-	1,200.00	Each Semester	1,530.00	1,530.00	1,530.00
Institute I-Card	50/-	-	1 st Semester	72.00	-	-
Library I-Card	50/-	-	1 st Semester	72.00	-	-
Library/Magazine/others Book Bank	400/-	-	Each Semester	1,365.00	1,365.00	1,365.00
Students Welfare/Sports/ Extra Curricular Activities	1,750/-	-	1 st Semester	4,720.00	-	-
T&P Activity Fund	1,000/-	-	1 st Semester	2,830.00	-	-
Overhead Charges	1,000/-	-	Each Semester	3,017.00	3,017.00	3,017.00
Other Fees	As Applicable					
Total				33,118.00	16,524.00	15,774.00

Fee Structure for 4-year B.Tech programs of Ghani Khan Choudhury Institute of Engineering & Technology, Malda for A.Y. 2023-24

Description	Fees under GKCIEET (Rs.)	Fees under MAKAUT (Rs.)	Remarks	Fees/1st Semester	Fees/Odd Semester except 1st Semester	Fees/Even Semester
Caution Money	5,000.00	-	1st Semester/ Refundable	5,000.00	-	-
Admission Fee	550.00	-	Each odd Semester	550.00	550.00	-
Registration Fee	-	500.00	1st Semester	500.00	-	-
Development Fee	-	2,200.00	1st Semester (Rs. 550.00 per year)	2,200.00	-	-
Student's Insurance	132.00	-	Each odd Semester	132.00	132.00	-
Medical Fee	165.00	-	Each Semester	165.00	165.00	165.00
Tuition Fee*	3,300.00	-	Each Semester	3,300.00	3,300.00	3,300.00
Session Charge	5,500.00	-	Each Semester	5,500.00	5,500.00	5,500.00
Examination Fee	300.00	1,200.00	Each Semester	1,500.00	1,500.00	1,500.00
Institute I-Card	65.00	-	1st Semester	65.00	-	-
Library I-Card	65.00	-	1st Semester	65.00	-	-
Library/Magazine /others	1,150.00	-	Each Semester	1,150.00	1,150.00	1,150.00
Book Bank	1,000.00	-	1st Semester	1,000.00	-	-
Students Welfare/Sports/ Extra Curricular Activities	4,200.00	-	1st Semester	4,200.00	-	-
T&P Activity Fund	2,480.00	-	1st Semester	2,480.00	-	-
Overhead Charges	2,300.00	-	Each Semester	2,300.00	2,300.00	2,300.00
Other Fees	As Applicable					
Total				30,107.00	14,597.00	13,915.00

Fee Structure for 4-year B.Tech programs of Ghani Khan Choudhury Institute of Engineering and Technology, Malda from for A.Y. 2022-23

Description	Fees under GKCIEET (Rs.)	Fees under MAKAUT (Rs.)	Remarks	Fees/1st Semester	Fees/Odd Semester except 1st Semester	Fees/Even Semester
Caution Money	5,000.00	-	1st Semester/ Refundable	5,000.00	-	-
Admission Fee	500.00	-	Each odd Semester	500.00	500.00	-
Registration Fee	-	500.00	1st Semester	500.00	-	-
Development Fee	-	2,200.00	1st Semester (Rs. 550.00 per year)	2,200.00	-	-
Student's Insurance	120.00	-	Each odd Semester	120.00	120.00	-
Medical Fee	150.00	-	Each Semester	150.00	150.00	150.00
Tuition Fee*	3,000.00	-	Each Semester	3,000.00	3,000.00	3,000.00
Session Charge	5,000.00	-	Each Semester	5,000.00	5,000.00	5,000.00
Examination Fee	300.00	1,200.00	Each Semester	1,500.00	1,500.00	1,500.00
Institute I-Card	50.00	-	1st Semester	50.00	-	-
Library I-Card	50.00	-	1st Semester	50.00	-	-
Library/Magazine/others	1,000.00	-	Each Semester	1,000.00	1,000.00	1,000.00
Book Bank	800.00	-	1st Semester	800.00	-	-
Students Welfare/Sports/ Extra Curricular Activities	3,500.00	-	1st Semester	3,500.00	-	-
T&P Activity Fund	2,000.00	-	1st Semester	2,000.00	-	-
Overhead Charges	2,000.00	-	Each Semester	2,000.00	2,000.00	2,000.00
Other Fees	As Applicable					
Total				27,370.00	13,270.00	12,650.00

*Exempted for the candidates under the TFW scheme.

N. B.: Hostel accommodation is available at camps. Accommodation and mess charges are to be paid separately.

Placement Facilities

Through Training and Placement Cell, GKCIET, Malda

- Campus placement in last three years with minimum salary, maximum salary and average salary Since the 3-Year Diploma Programs and 4-Year B. Tech Programs started in the A. Y. 2018-19, the placements for the Diploma programs were held in 2020-21, 2021-22 and that for B.Tech programs in the A. Y. of 2021-22.

No.	Name of the Candidate	Course	Dept.	Placement Year	Name of the Company	Designation	Salary/Benefits	Remarks
1	Mr. Sibasish Ghosh	Diploma	EE	2021	Pie Infocomm Pvt. Ltd.	Jr. Automation Engineer	2.4 LPA	IT
2	Mr. Rajesh Roy	Diploma	CST	2021	Pie Infocomm Pvt. Ltd.	Jr. Software Developer	2.4 LPA	IT
3	Mr. Nema Roy	Diploma	CST	2021	Pie Infocomm Pvt. Ltd.	Jr. Software Developer	2.4 LPA	IT
4	Mr. Bivash Mandal	Diploma	CE	2021	Pie Infocomm Pvt. Ltd.	Autocad Designer	2.4 LPA	IT
5	Mr. Sahin Alam	Diploma	ME	2021	Pie Infocomm Pvt. Ltd.	Autocad Designer	2.4 LPA	IT
6	Mr. Puranjit Bera	Diploma	CE	2021	Pie Infocomm Pvt. Ltd.	Autocad Designer	2.4 LPA	IT
7	Mr. Sagnik Sarkar	Diploma	CST	2021	Pie Infocomm Pvt. Ltd.	Jr. Software Developer	2.4 LPA	IT
8	Miss Bhawna	Diploma	EE	2021	Mando Automotive India Pvt. Ltd.	Technician Apprentice	1.38 LPA + incentives	Non IT
9	Mr. Goranga Ghosh	Diploma	EE	2021	Mando Automotive India Pvt. Ltd.	Technician Apprentice	1.38 LPA + incentives	Non IT
10	Rajan Raj	Diploma	EE	2021	Mando Automotive India Pvt. Ltd.	Technician Apprentice	1.38 LPA + incentives	Non IT
11	Mr. Gora Mandal	Diploma	ME	2021	Grifeo	GRIFEO- Professional	2.4 LPA	Non IT
12	Mr. Sukomal Dutta	Diploma	CST	2021	Grifeo	GRIFEO- Professional	2.4 LPA	Non IT
13	Mr. Suman Mahato	Diploma	CE	2021	Grifeo	GRIFEO- Professional	2.4 LPA	Non IT
14	Mr. Subhodip Paramanik	Diploma	ME	2021	Grifeo	GRIFEO- Professional	2.4 LPA	Non IT
15	Mr. Puranjit Bera	Diploma	CE	2021	Grifeo	GRIFEO- Professional	2.4 LPA	Non IT
16	Mr. Sibasish Ghosh	Diploma	EE	2021	Grifeo	GRIFEO- Professional	2.4 LPA	Non IT
17	Mr. Sajahan Shaikh	Diploma	ME	2021	Grifeo	GRIFEO- Professional	2.4 LPA	Non IT
18	Mr. Devraj Sharma	Diploma	ME	2021	Grifeo	GRIFEO- Professional	2.4 LPA	Non IT
19	Mr. Bikash Sarkar	Diploma	ME	2021	Grifeo	GRIFEO- Professional	2.4 LPA	Non IT
20	Phularenu Das	B. Tech.	(EE) Switch in Management	2022	Pie Infocomm Pvt. Ltd.	Business Development Manager	2.2 LPA	IT
21	Ranjit Giri	Diploma	CE	2022	Pie Infocomm Pvt. Ltd.	Autocad Designer	2.2 LPA	IT
22	Saikh Riset	Diploma	CST	2022	Pie Infocomm Pvt. Ltd.	Jr. Software Developer	2.2 LPA	IT
23	Bhavya Bharti	Diploma	CST	2022	Pie Infocomm Pvt. Ltd.	Jr. Software Developer	2.2 LPA	IT
24	Subhendu Sarkar	Diploma	CST	2022	Pie Infocomm Pvt. Ltd.	Jr. Software Developer	2.2 LPA	IT
25	Subhendu Sarkar	Diploma	CST	2022	Adytuminfotech Softwares Pvt. Ltd.	Software Engineer	2.4 LPA	IT
26	Bhaskar Sarkar	Diploma	CST	2022	Adytuminfotech Softwares Pvt. Ltd.	Software Engineer	2.4 LPA	IT
27	Anubhab Paul	B. Tech.	EE	2022	Pie Infocomm Pvt. Ltd.	Jr. Automation Engineer	2.2 LPA	IT
28	Biswarup Krishna Chowdhury	Diploma	EE	2022	Mando Automotive India Pvt. Ltd.	Technician Apprentice	2.4 LPA	Non IT
29	Souvik Mondal	B. Tech.	EE	2022	High-Technext Engineering Pvt. Ltd.		2.4 LPA	Non IT
30	Subhendu Mondal	B. Tech.	EE	2022	High-Technext Engineering Pvt. Ltd.		2.4 LPA	Non IT
31	Anup Baidya	B. Tech.	EE	2022	High-Technext Engineering Pvt. Ltd.		2.4 LPA	Non IT
32	Dip Mondal	B. Tech.	EE	2022	High-Technext Engineering Pvt. Ltd.		2.4 LPA	Non IT
33	Purnendu Burui	B. Tech.	EE	2022	High-Technext Engineering Pvt. Ltd.		2.4 LPA	Non IT
34	Suman Chakraborty	B. Tech.	EE	2022	High-Technext Engineering Pvt. Ltd.		2.4 LPA	Non IT
35	Karan Halder	Diploma	ME	2022	Pie Infocomm Pvt. Ltd.	Autocad Designer	2.2 LPA	IT
36	Ishani Mandal	B. Tech.	ME	2022	Pie Infocomm Pvt. Ltd.	Autocad Designer	2.2 LPA	IT
37	M Jamir Anwar Molla	B. Tech.	ME	2022	Pie Infocomm Pvt. Ltd.	Autocad Designer	2.2 LPA	IT
38	Amit Kumar Hazra	B. Tech.	ME	2022	Pie Infocomm Pvt. Ltd.	Autocad Designer	2.2 LPA	IT
39	Munna Pati	B. Tech.	ME	2022	Pie Infocomm Pvt. Ltd.	Autocad Designer	2.2 LPA	IT
40	Puskar Mandal	Diploma	ME	2022	Mando Automotive India Pvt. Ltd.	Technician Apprentice	2.4 LPA	Non IT
41	Akshay Khan	B. Tech.	FPT	2023	Keventer		1.8 LPA	Non IT
42	Sukanta Das	B. Tech.	FPT	2023	Keventer		1.8 LPA	Non IT
43	Naresh Das	B. Tech.	FPT	2023	Keventer		1.8 LPA	Non IT
44	Rabiul Alam	B. Tech.	FPT	2023	Keventer		1.8 LPA	Non IT
45	Swarup Mondal	B. Tech.	FPT	2023	Keventer		1.8 LPA	Non IT
46	Ajjul Molla	B. Tech.	FPT	2023	Keventer		1.8 LPA	Non IT
47	Sourav Jana	B. Tech.	FPT	2023	Keventer		1.8 LPA	Non IT
48	Subhankar Maity	B. Tech.	FPT	2023	Keventer		1.8 LPA	Non IT
49	Souvik Roy	B. Tech.	FPT	2023	Keventer		1.8 LPA	Non IT
50	Adarsh Bhattacharya	B. Tech.	FPT	2023	Keventer		1.8 LPA	Non IT
51	Saahnawaj Hussain	B. Tech.	ME	2023	ASC International		1.8 LPA + Incentives	Non IT
52	Md. Akram	B. Tech.	ME	2023	ASC International		1.8 LPA + Incentives	Non IT
53	Suvankar Adhikari	Diploma	EE	2023	ASC International		1.8 LPA + Incentives	Non IT
54	Anup Mondal	B. Tech.	EE	2023	ACS Networks and Technologies		28K CTC + Incentives (WFO)	Non IT
55	Aman Sharma	B. Tech.	ME	2023	ACS Networks and Technologies		28K CTC + Incentives (WFO)	Non IT
56	Subhajit Mondal	B. Tech.	EE	2023	Tech Mahindra		2.20 LPA + Incentives	IT
57	Mrinmay Manna	B. Tech.	EE	2023	Tech Mahindra		2.20 LPA + Incentives	IT
58	Tanmay Debnath	Diploma	FPT	2023	Tech Mahindra		2.20 LPA + Incentives	IT
59	Adarsh Bhardwaj	Diploma	CST	2023	Tech Mahindra		2.20 LPA + Incentives	IT
60	Debabrata Saha	B. Tech.	EE	2023	PeryCap		CTC Rs. 4,00,000/- per a	Non IT

61	ATANU MONDAL	B.Tech	ME	2024	SYNNOVA Gears		CTC Rs. 17000/month	Non IT
62	ADITYA KUMAR GOSWAMI	B.Tech	ME	2024	SYNNOVA Gears		CTC Rs. 17000/month	Non IT
63	SAGAR LAHA	B.Tech	ME	2024	SYNNOVA Gears		CTC Rs. 17000/month	Non IT
64	MD ABUL KALAM	B.Tech	ME	2024	SYNNOVA Gears		CTC Rs. 17000/month	Non IT
65	CHAYAN DAS	B.Tech	ME	2024	SYNNOVA Gears		CTC Rs. 17000/month	Non IT
66	BIDYADHAR GULIMAJHI	B.Tech	ME	2024	SYNNOVA Gears		CTC Rs. 17000/month	Non IT
67	TAMOJYOTI DAS	B.Tech	ME	2024	SYNNOVA Gears		CTC Rs. 17000/month	Non IT
68	AMIT ROY	B.Tech	ME	2024	SYNNOVA Gears		CTC Rs. 17000/month	Non IT
69	SASWATA DAS	B.Tech	ME	2024	SYNNOVA Gears		CTC Rs. 17000/month	Non IT
70	RAKESH CHANDRA SARKAR	B.Tech	ME	2024	SYNNOVA Gears		CTC Rs. 17000/month	Non IT
71	PIKLU ADIKARI	Diploma	ME	2024	SYNNOVA Gears		CTC Rs. 16000/month	Non IT
72	SURJYA HALDAR	Diploma	ME	2024	SYNNOVA Gears		CTC Rs. 16000/month	Non IT
73	DEBJYOTI BHAKAT	Diploma	ME	2024	SYNNOVA Gears		CTC Rs. 16000/month	Non IT
74	RAJDEEP SAHOO	Diploma	ME	2024	SYNNOVA Gears		CTC Rs. 16000/month	Non IT
75	SUBHRADIP MAITY	Diploma	ME	2024	SYNNOVA Gears		CTC Rs. 16000/month	Non IT
76	ADITYA SHARMA	Diploma	ME	2024	SYNNOVA Gears		CTC Rs. 16000/month	Non IT
77	Saswata Das	B. Tech.	ME	2024	PlanetSparks	Sales Executive	CTC 6.5 LPA	Non IT
78	Rajib Mondal	B.Tech	EE	2024	AGUMENTIK	Admission Consultant	4.45 LPA fixed + 2.25 LPA variable	Non IT
79	Sourav Sarkar	B.Tech	EE	2024	AGUMENTIK	Admission Consultant	4.45 LPA fixed + 2.25 LPA variable	Non IT
80	Klirdap Ronghangpi	B.Tech	ME	2024	AGUMENTIK	Admission Consultant	4.45 LPA fixed + 2.25 LPA variable	Non IT

- Name and duration of programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:
Details of the Foreign University: **NA**
 - Name of the University
 - Address
 - Website
 - Accreditation status of the University in its Home Country
 - Ranking of the University in the Home Country
 - Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country
 - Nature of Collaboration
 - Conditions of Collaboration
 - Complete details of payment a student has to make to get the full benefit of Collaboration
- For each Programme Collaborated provide the following:
 - Programme Focus
 - Number of seats:
 - Admission Procedure:
 - Fee:
 - Placement Facility: The Institute has its own TPO Cell.
 - Placement Records for last three years with minimum salary, maximum salary and average salary
 - Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic/Foreign University has applied to AICTE for approval. **NA**

7. Faculty

- Branch wise list Faculty members:

Name of Departments	Name of Faculty Members	Designation
Civil Engineering	Dr. Kiran Yarrakula	Professor
	Dr. Koushik Paul	Associate Professor
	Dr. Soumi Bhattacharyya	Assistant Professor
	Shri Haradhan Sarkar	Assistant Professor
	Shri. Pinak Ray	Assistant Professor
	Dr. Poojari Yugendar	Assistant Professor
Computer Science & Engineering	Dr. Babul Prasad Tewari	Associate Professor
	Dr. Sumanta Ray	Associate Professor
	Dr. Showmik Bhowmik	Assistant Professor
	Shri Subrata Roy	Assistant Professor
	Dr. Sukhen Das Mandal	Assistant Professor
	Dr. Imayanmosha Wahlang	Assistant Professor
	Shri Tryambak Kumar Ojha	Assistant Professor
	Shri Nikhil Deo	Sr. Trainer
	Mrs Debadrita Roy	Trainer
	Shri Siraj Ud Doulah	Trainer
	Shri Mahafizur Rahaman	Trainer
Electrical Engineering	Dr. Sandip Chanda	Associate Professor
	Dr. Surajit Chattopadhyay	Associate Professor
	Shri Goutam Kumar Ghorai	Assistant Professor
	Dr. Tapash Kumar Das	Assistant Professor
	Dr. Chiranjit Sain	Assistant Professor
	Dr. Amarjit Roy	Assistant Professor
	Dr. Raja Ram Kumar	Assistant Professor
	Shri Rajeev Kumar	Assistant Professor
	Mrs Smita Anand	Assistant Professor
	Shri Amiungshu Karmakar	Sr. Trainer
	Shri Pranab Mandal	Trainer
	Shri Dhaju Mahammad	Trainer
	Shri Shankar Mukherjee	Trainer
Food Technology	Dr. Kshirod Kumar Dash	Professor
	Dr. Amit Baran Das	Associate Professor
	Dr. Mudasir Ahmad Malik	Assistant Professor
	Dr. Sudip Kumar Das	Assistant Professor
	Dr. Sourav Chakraborty	Assistant Professor
	Dr. Anwesa Sarkar	Assistant Professor
	Dr. Vivek Kumar	Assistant Professor
	Md. Jigar Ali	Sr. Trainer
	Shri Mintu Sinha	Trainer
	Shri Pranab Roy	Trainer
	Mojahadul Islam Mallick	Trainer
Mechanical Engineering	Dr. M M Jagdeesh Kumar	Associate Professor
	Dr. Dharmeswar Dash	Assistant Professor
	Dr. Habib Masum	Assistant Professor
	Dr. Tanmoy Sarkar	Assistant Professor
	Dr. Santosh Kumar Dash	Assistant Professor
	Dr. Nitesh Mondal	Assistant Professor
	Mr. Niraj Kumar	Assistant Professor
	Miss Anisha Pal	Assistant Professor

	Shri Tridib Ranjan Das	Sr. Trainer
	Dr. Hasibur Rahaman	Trainer
	Shri Siladitya Mandal	Trainer
	Shri Abhinav Kumar	Trainer
	Shri Raktim Roy	Trainer
Physics	Dr. Rakesh Das	Assistant Professor
Chemistry	Dr. Suranjan Sikdar	Associate Professor
	Shri Abhijit Mandal	Assistant Professor
	Dr. Soutick Nandi	Assistant Professor
Mathematics	Dr. Goutam Halder	Associate Professor
	Dr. Bikarna Tarafdar	Assistant Professor
	Dr. Raj Kumar Nayak	Assistant Professor
	Dr. Debasish Ghorui	Assistant Professor
Humanities and Social Science	Dr. Shib Shankar Chowdhury	Assistant Professor
	Dr. Priyanka Sahu	Assistant Professor
	Shri Anirban Saha	Assistant Professor
	Dr. Chhandita Das	Assistant Professor

- Permanent Faculty
All above are regular faculty members of GKCIET, Malda
- Adjunct Faculty
None
- Permanent Faculty: Student Ratio
1:12 (Existing students includes Degree & Diploma programs)
- Name /number of Faculty employed and left during the last three years

1.	Dr. Subhashis Datta	Associate Professor, Dept. of ME
2.	Dr. Nilkanta Barman	Professor, Dept. of ME

8. Profile of Vice Chancellor/ Director/ Principal/Faculty



i.	Name	PROF. PARAMESWARA RAO ALAPATI		
ii.	Designation	Director		
iii.	Institute	Ghani Khan Choudhury Institute of Engineering & Technology, Malda, West Bengal		
iv.	Date of Birth	1st June, 1959		
v.	Unique id			
vi.	Educational Qualifications	Ph.D	Nagarjuna University	
		M. Phil	Nagarjuna University	
		M Sc. In Physics	Vikram University	
vii.	Work Experiences	Teaching	33 Yrs.	
		Research	38 Yrs.	
		Others	Pool Officer (CSIR, New Delhi), Nagarjuna University	
			BOYSCAST FELLOW at University of Southampton, U.K.	
			INSA-Royal Society, London Exchange Scientist at University of Southampton, U. K.	
			Post Doctoral Fellow (SERC, U.K.), University of Southampton, U. K.	
			Commonwealth Scholar (PDF), University of Southampton, U. K.	
			Research Associate (IITK & CSIR), Indian Institute of Technology, Kanpur	
viii.	Area of Specialization	1.	Condensed Matter Physics (Liquid Crystals)	
		2.	Liquid Crystals	
		3.	Solid State Physics	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Condensed Matter Physics (Special Paper - II)	
		2.	Condensed Matter Physics (Special Paper - I)	
		3.	Solid State Physics (Special Paper)	
		4.	Nuclear Physics	
		5.	Statistical Mechanics	
		6.	Modern Physics	
		7.	Comprehensive Physics	
x.	Research Guidance	PhD	Guided	08
			Ongoing	--
		Master	Guided	6
			Ongoing	--
xi.	Project Carried Out	1.	FIST Project, Department of Physics (Played an active and leading role in formulation, defence before PAC(presented), procurement and installation of sophisticated equipment sanctioned)	D. S. T., New Delhi (Rs. 1.43 Crore)
		2.	Frequency Dependent Dielectric Studies and Molecular Dynamics on Nanoparticle Doped Liquid Crystal Composites	D. S. T., New Delhi (Rs. 43.50 laks)

		3.	Laser Raman Spectroscopy Studies of Liquid Crystal Monomers and Dimers	C. S. I. R., New Delhi (Rs. 8.00 laks)
		4.	Dielectric Relaxation Studies in Liquid Crystal Dimers	M. H. R. D., New Delhi (Rs. 6.00 laks)
		5.	Molecular Dynamics in Some Ferroelectric and Model Dimeric Liquid Crystals (Joint Project with NEHU, Shillong)	D. S. T., New Delhi (Rs. 33.63 laks)
		6.	Structure and Phase Transition Studies of Schiff Base Liquid Crystal Dimers	C. S. I. R., New Delhi (Rs. 8.77 laks)
		7.	Study of Electro-Optical Properties of Polymer Dispersed Liquid Crystal (PDLC) Films Prepared by PIPS method	Third World Academy of Sciences (TWAS), Trieste, Italy (US\$3000)
		8.	Synthesis and Characterization of Liquid Crystal Materials of Transition Metal Complexes for Electro-chromic Display devices and Photo-chemical conversion	D. S. T, New Delhi (Rs. 4.33 laks)
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
xiv.	Research Publications	Journals	National	--
			International	70
		Conferences	National	20+
			International Presentation	06
xv.	No. of Books published with details	1.	--	
xvi.	Major Publications	1.	“Temperature-dependent vibrational spectroscopic studies of pure and gold nanoparticles dispersed 4-n-Hexyloxy-4’-cyanobiphenyls” Ramanuj Mishra, Ayon Bhattacharjee, Debanjan Bhattacharjee, K. N. Singh, B. Gogoi and P. R. Alapati, <i>Liquid Crystals</i> , 45 (9), 1333-1341 (2018).	
		2.	“Dielectric properties of a strongly polar nematic liquid crystal compound doped with gold nanoparticles” Ramanuj Mishra, Jayanta Hazarika, Anil Hazarika, Binod Gogoi, Ragini Dubey, Debanjan Bhattacharjee, K. N. Singh and P. R. Alapati, <i>Liquid Crystals</i> , 45 (11), 1661-1671 (2018).	
		3.	“Temperature-dependent Raman study of pure and silver nanoparticles dispersed N-(4-n-heptyloxybenzylidene)-4 -n-butylaniline (70.4)” Ramanuj Mishra, Ayon Bhattacharjee, Debanjan Bhattacharjee, K. N. Singh and P. R. Alapati, <i>Liquid Crystals</i> , 1-13 (2018).	
		4.	“Experimental and DFT generated Raman study of two bent-core monomeric liquid crystalline compounds” Debanjan Bhattacharjee, Ramanuj Mishra and Ayon Bhattacharjee, <i>Liquid Crystals</i> , 1-9 (2018).	

		5.	<p>“Study of Dielectric properties and the molecular dynamics using raman spectroscopy in pure and nano particle doped liquid crystal compound, 6O.4” Binod Gogoi, K. N. Singh, Ramanuj Mishra, T. K. Ghosh, Ayon Bhattacharjee and P. R. Alapati, <i>Molecular Crystals and Liquid Crystals</i>, 646 (1), 3-13 (2017).</p>
		6.	<p>"Electric behaviour of a Schiff's base liquid crystal compound doped with a low concentration of BaTiO₃ nanoparticles." Ragini Dubey, Avneesh Mishra, K. N. Singh, P. R. Alapati, and Ravindra Dhar. <i>Journal of Molecular Liquids</i> 225 496-501 (2017).</p>
		7.	<p>"Electrical properties of interdigitated partially bentlike shaped liquid crystalline compound." Debanjan Bhattacharjee, Parameswara Rao Alapati, and Ayon Bhattacharjee. <i>Molecular Crystals and Liquid Crystals</i>, 648, 66-76 (2017).</p>
		8.	<p>"Dielectric behavior of pure and silver nanoparticle dispersed liquid crystal compounds 7O. 4 and 7O. 6 under a biasing electric field." Keisham Nanao Singh, N. Monoranjana Singh, H. Basantakumar Sharma, and P. R. Alapati. <i>Molecular Crystals and Liquid Crystals</i>, 646, 14-25 (2017).</p>
		9.	<p>“Molecular polarization, order parameter and dielectric study of a diametric compound” D. Bhattacharjee, P. R. Alapati and Ayon Bhattacharjee <i>Journal of Molecular Liquids</i>, Online Version Published in October, 2016</p>
		10.	<p>“Negative optical anisotropic behaviour of two higher homologues of 5O.m series of liquid crystals” D. Bhattacharjee, P. R. Alapati and Ayon Bhattacharjee <i>Journal of Molecular Liquids</i>, Online Version Published in June, 2016</p>



i.	Name	Dr. Kshirod Kumar Dash		
ii.	Designation	Professor, Dean (Acad. P & D)		
iii.	Department	Food Technology		
iv.	Date of Birth	14.11.1980		
v.	Unique id	GKCIET/0078		
vi.	Educational Qualifications	Ph.D	IIT Kharagpur, West Bengal	
		M.E.	IIT Kharagpur, West Bengal	
		B.E.	OUAT Bhubaneswar, Odisha	
vii.	Work Experiences	Teaching	9 Years	
		Research	9 Years	
		Others	2 Years (Industrial Experience)	
viii.	Area of Specialization	1.	Thermal and Non thermal processing of Food	
		2.	Fruits and Vegetables processing	
		3.	Dairy Technology	
		4.	Development of Biopolymers	
		5.	Drying Technology	
		6.	Food process modeling	
ix.	Courses taught at Diploma/ Under Graduate/ Post Graduate	1.	Unit operations in Food Engineering	
		2.	Food Equipment and Plant Design	
		3.	Food Process Modelling and Simulation	
		4.	Recent trend in drying and dehydration	
		5.	Transfer process in Food Engineering	
		6.	Principles of Food Processing and Preservation	
		7.	Research methodology	
x.	Research Guidance	PhD	Guided	01
			Ongoing	--
		Master	Guided	12
			Ongoing	--
xi.	Project Carried Out	1.	Osmotic dehydration and Microwave vacuum drying of Kachkal Banana	MoFPI, DST New Delhi (Rs. 20.80 lakh)
		2.	Production of Natural Antioxidant Enriched Sandesh Using SingleScrew Extruder	MSME (Rs. 8.00 lakh)
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
xiv.	Research Publications	Journals	National	--
			International	155
		Conferences	National	06
			International	08
xv.	No. of Books publishedwith details		<ul style="list-style-type: none"> • Kshirod Kumar Dash, S Chakraborty, Food Processing: Advances in Thermal Technologies, CRC Press ISBN 9780367337209 Year : 2021 • Food Processing: Advances in Non-Thermal Technologies, CRC Press ISBN 0367756102 Year : 2021 • Dash K.K, Concepts in Dairy and Food Technology by NPHIndia, ISBN: 9789388668644 • Solving Problems in Thermodynamics (GATE-XE) by Astral 	

xvi.	Major Publications	1.	Tuteja, S., Mondal, I. H., & Dash, K. K. (2024). Conductive hydro drying of ripened papaya: optimization and product characterization. Food Science and Biotechnology, 1-14.
		2.	Abdulla, S. F., Shams, R., & Dash, K. K. (2024). Edible packaging as sustainable alternative to synthetic plastic: a comprehensive review. Environmental Science and Pollution Research, 1-15.
		3.	Giri, S., Dash, K. K., Raj, G. B., Kovács, B., & Mukarram, S. A. (2024). Ultrasound assisted phytochemical extraction of persimmon fruit peel: Integrating ANN modeling and genetic algorithm optimization. Ultrasonics Sonochemistry, 102, 106759.
		4.	Bhabani, M. G., Shams, R., & Dash, K. K. (2024). Microgreens and novel non-thermal seed germination techniques for sustainable food systems: a review. Food Science and Biotechnology, 1-17.
		5.	Bareen, A., Dash, S., Kalita, P., & Dash, K. K. (2024). Experimental investigation of an indirect solar dryer with PCM-integrated solar collector as a thermal energy storage medium. Environmental Science and Pollution Research, 31(12), 18209-18225.
		6.	Ali, N. A., & Dash, K. K. (2023). Modified lotus seed starch and red turnip peel extract based pH responsive edible films. Food Packaging and Shelf Life, 40, 101182.



i.	Name	DR. KIRAN YARRAKULA		
ii.	Designation	Professor, Dean (S/W)		
iii.	Department	Civil Engineering		
iv.	Date of Birth	25-03-1977		
v.	Unique id	GKCIET/0077		
vi.	Educational Qualifications	Ph.D	IIT Kharagpur (Water Resources)	
		M.Tech.	JNTU Hyderabad (Environmental Engineering)	
		B.E.	IGNOU (Civil Engineering)	
vii.	Work Experiences	Teaching	15	
		Research	14	
viii.	Area of Specialization	1.	Water Resources	
		2.	Remote Sensing	
		3.	GIS	
		4.	Disaster Management	
		5.	Environmental Management	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Water resources engineering	
		2.	Irrigation engineering	
		3.	Geotechnical engineering	
		4.	Environmental engineering	
		5.	Air and noise pollution	
		6.	Remote sensing and GIS	
		7.	Natural disaster mitigation and management	
x.	Research Guidance	PhD	Guided	3
			Ongoing	-
		Master (M.Tech by research)	Guided	3
			Ongoing	-
xi.	Project Carried Out	1.	7 Nos. (6 completed + 1 ongoing): BRNS; ISRO-NRSC; VIT Seed Money; ISRO Respond; JAXA; ISRO-SAC; ISRO-SAC.	Total Grant amount: Rs. 78,68,000/-
xii.	Patents	1.	-	
xiii.	Technology Transfer	1.	-	
xiv.	Research Publications	Journals	National	6
			International	55
		Conferences	National	5
			International	13
xv.	No. of Books published with details	1.	2 Nos.	
xvi.	Major Publications	1.	Nilima R. Chaube, Sasmita Chaurasia, Rojalin Tripathy, Dharmendra Kumar Pandey, Arundhati Misra, B. K. Bhattacharya, Prakash Chauhan, Kiran Yarakulla, G. D. Bairagi, Prashant Kumar Srivastava, Preeti Teheliani and S. S. Ray, Crop phenology and soil moisture applications of SCATSAT-1, CURRENT SCIENCE, VOL. 117, NO. 6, 25 SEPTEMBER 2019, pp- 1022-1031, DOI: 10.18520/cs/v117/i6/1022-1031. TR Impact Factor - 0.9.	
		2.	Subbu Lakshmi. E, Kiran Yarrakula, 2018, Review and Critical Analysis on Digital Elevation Models, Geofizika, TR Impact Factor- 0.79. Vol 35 -2, 129-157. DOI:10.15233/gfz.2018.35.7. SCI Journal. UGC Listed Journal No: 27596, ISSN No: 03523659.	

		3.	Suresh. D and Kiran Yarrakula, 2020, InSAR based Deformation Mapping of Earthquake using Sentinel 1A Imagery, Geocarto International, TR Impact Factor- 2.365. 35(5), pp. 559-568 https://doi.org/10.1080/10106049.2018.1544289 , SCI Journal. UGC Listed Journal No: 27560, ISSN No: 10106049.
		4.	Vignesh Kumar M and Kiran Yarrakula, Enhancement of Limestone Mineral Identification Using Hyperion Imagery: a case study from Tirunelveli district, Tamil Nadu, South India, Arabian Journal of Geosciences, Springer. Volume 12, Issue 2, 1st January 2019, Article number 38, TR Impact Factor- 1.141. SCI Journal. https://doi.org/10.1007/s12517-018-4149-3 , UGC Listed Journal No: 8149, ISSN No: 18667511. 12(2), 38.
		5.	Suresh D and Kiran Yarrakula, 2018, Subsidence Monitoring Techniques in Coal Mining: Indian Scenario, Indian Journal of Geo-Marine Sciences, TR Impact Factor- 0.301. 47 (10), 1918-1933. SCI Journal. http://nopr.niscair.res.in/handle/123456789/45170 , UGC Listed Journal No: 20783, ISSN No: 03795136.



i.	Name	DR. SANDIP CHANDA		
ii.	Designation	Associate Professor, & Dean (F/W)		
iii.	Department	Electrical Engineering		
iv.	Date of Birth	02/01/1978		
v.	Unique id	GKCIET/0070		
vi.	Educational Qualifications	Ph.D	Indian Institute of Engineering Science and Technology, Shibpur	
		M.Tech.	University College of Science and Technology, Kolkata	
		B.E.	Jadavpur University	
vii.	Work Experiences	Teaching	15 Years	
		Research	10 Years	
		Others	Nil	
viii.	Area of Specialization	1.	Smart Grid and Its implementation	
		2.	Demand side management of Electric Grid	
		3.	Power System operational Optimization	
		4.	Integration of Renewable Energy Sources in Smart Grid	
		5.	Micro Grid and its implementation	
		6.	Power System Congestion management	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Electrical Machine	
		2.	Digital Electronics	
		3.	Microprocessors and Microcontrollers	
		4.	Power System	
		5.	Control System	
		6.	Power Electronics	
		7.	Electrical and Electronic Measurement	
x.	Research Guidance	PhD	Guided	Nil
			Ongoing	03
		Master	Guided	10
			Ongoing	Nil
xi.	Project Carried Out	1.	--	
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
xiv.	Research Publications	Journals	National	02
			International	12
		Conferences	National	08
			International	22
xv.	No. of Books published with details	1.	Dr. Sandip Chanda, Dr. Abhinandan De, Optimal Utilization of Smart Grid Resources to Offer Social Welfare. Theory, Concept and Implementation, Munich, Germany, GRIN Verlag, https://www.grin.com/document/477247 , ISBN:9783668965706,2019	
		2.	Sandip Chanda, A. De , A swarm intelligence approach to harness maximum techno-commercial benefits from smart power grids, Swarm Intelligence - From Concepts to Applications (PBCE110) (Print: 978-1-78561-313-5, eBook: 978-1-78561-314-2)(IET, UK), April,2018	

xvi.	Major Publications	1.	S. Sen, SANDIP CHANDA , A. De et.al “Demand Response Governed Grid Scheduling Framework for Social Welfare Supported by Swarm Intelligence”, International Journal of Electrical Power and Energy Systems, Elsevier, Volume 78, pp 783-792,2016(SCI)
		2.	SANDIP CHANDA A. De, “Optimal stabilization of social welfare under small variation of operating condition with bifurcation analysis”, IEI India (series B) Springer, 97(4),pp-557-568, ISSN: 2250-2106(SCOPUS)
		3.	SANDIP CHANDA A. De, “A Multi-Objective Solution Algorithm for Optimum Utilization of Smart Grid Infrastructure towards Social Welfare”, International Journal of Electrical Power and Energy Systems, Elsevier, vol 58, pp. 307-318, Jan,2014, ISSN: 0142-0615(SCI)
		4.	SANDIP CHANDA A. De, “Congestion Relief of Contingent Power Network with Evolutionary Optimization Algorithm”, TELKOMNIKA, Indonesian Journal of Electrical Engineering, vol. 10, no.1, pp. 1~8, (p-ISSN: 1693-6930), March 2012.(SCOPUS)
		5.	SANDIP CHANDA, S. Sen, S. Sengupta, A. Chakrabarti, “Swarm Intelligence based Congestion Constrained Load Curtailment Strategy,” <i>ELECTRIKA - Journal of Electrical Engineering, Malaysia</i> , vol.14, no.1, pp. 6-14, June 2012, ISSN: 0128-4428. (SCOPUS)



i.	Name	DR. KOUSHIK PAUL		
ii.	Designation	Associate Professor, Dean, (R&C)		
iii.	Department	Civil Engineering		
iv.	Date of Birth	07.09.1977		
v.	Unique id	GKCIET/0076		
vi.	Educational Qualifications	Ph.D	Engineering (Jadavpur University)	
		M.E.	Civil Engineering; Specialisation: Environmental Engineering (Jadavpur University)	
		B.E.	Civil Engineering (Jadavpur University)	
vii.	Work Experiences	Teaching	16 years	
		Research	15 years	
		Others	(i) Graduate Trainee Engineer at M/s Nabin Designers and Constructors Pvt Limited, Kolkata (15.10.02-22.02.03)	
			(ii) Assistant Environmental Engineer at West Bengal Pollution Control Board (28.11.05-25.05.06)	
viii.	Area of Specialization	1.	Solid Waste Management	
		2.	Environmental Engineering (Water Supply & Treatment, Waste water treatment, Design of sewerage systems, air pollution, solid waste management)	
		3.	Civil Engineering	
		4.	Water Supply Engineering (PG)	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Design of Wastewater System (Sessional) (PG)	
		2.	Advanced Computer Applications in CE Lab (Sessional) (PG)	
		3.	Solid Waste Management (PG)	
		4.	Surveying I (UG)	
		5.	Surveying I (Sessional) (UG)	
		6.	Building Materials & Construction (UG)	
		7.	Strength of Materials (UG)	
		8.	Transportation Engineering-I (UG)	
		9.	Civil Engineering Drawing (Sessional) (UG)	
		10.	Specification, Estimation & Costing (Sessional) (UG)	
		11.	Surveying-II (UG)	
		12.	Surveying-II (Sessional) (UG)	
		13.	Water Supply and Sanitary Engineering (UG)	
		14.	Environmental Engineering Laboratory (UG)	
		15.	Computer Aided Analysis & Design Lab (Sessional) (UG)	
		16.	Environmental Engineering (UG)	
		17.	Environmental Pollution & Control (UG)	
		18.	Building Materials & Construction (Diploma)	
x.	Research Guidance	PhD	Guided	Was guiding 01 in BIT Mesra
			Ongoing	

		Master	Guided	07
			Ongoing	
xi.	Project Carried Out	1.	Minor Academic and Consultancy projects: (a) Bio-Concrete: The Self-healing Concrete. Funding Agency: BIT Mesra. Year: 2017 (b) Design of Sewage Treatment Plant and Sewerage System for Birla Institute of Technology, Mesra. Funding Agency: BIT Mesra. Year: 2017 (c) River Water Quality Modelling Using GIS—A Case Study of Jumar River. Funding Agency: BIT Mesra. Year: 2018 (d) Vetting of structural design and drawing of steel truss for proposed Annexe building of Jharkhand Chief Minister's secretariat. Funding Agency: EDMAC Engineering Consultant Pvt. Ltd, South Extension-II, New Delhi. Year: 2017	Rs.17000/- Rs. 45000/- Rs. 28000/- Rs. 75000/-
xii.	Patents	1.		
xiii.	Technology Transfer	1.		
xiv.	Research Publications	Journals	National	03
			International	05
		Conferences	National	01
			International	03
xv.	No. of Books published with details	1.	02 (one text-book and one reference book)	
xvi.	Major Publications	1.	Paul, K., Dutta, A., Krishna, A.P., 2014. A Comprehensive Study on Landfill Site Selection for Kolkata City, India. Journal of the Air & Waste Management Association (Taylor & Francis). Thomson Reuters Impact Factor (2012): 1.204. ISSN No.: 1096-2247 (Print), 2162-2906 (Online). Vol 64(7): pp. 846-861. DOI: 10.1080/10962247.2014.896834	
		2.	Paul, K., Dutta, A., Krishna, A.P., 2015 (Online) / 2016 (Print). A Comprehensive Study on Solid Waste Vehicle Routing and Tracking — a Case Study on Kolkata City. KSCE Journal of Civil Engineering (Springer). Thomson Reuters Impact Factor (2013): 0.511. ISSN No.: 1226-7988 (print version), ISSN: 1976-3808 (electronic version). Vol 20(1): pp.137-144. DOI 10.1007/s12205-015-0214-6	
		3.	Paul, K., Dutta, A., Krishna, A.P., 2017. Using GIS to locate waste bins — a case study on Kolkata City, India. Journal of Environmental Science and Management (JESAM). Thomson Reuters Impact Factor (2016): 0.146. ISSN: 0119-1144. Vol 20(1): pp. 95-105.	
		4.	Paul, K., Chattopadhyay, S., Dutta, A., Krishna, A.P., Ray, S., 2018 (online) 2019 (print). A Comprehensive Optimisation Model for Integrated Solid Waste Management System — a Case Study on Kolkata city, India. <i>Environmental Engineering Research</i> . Thomson Reuters Impact Factor (2017): 1.500. DOI: https://doi.org/10.4491/eer.2018.132 Vol 24(2): pp. 220-237.	



i.	Name	Dr. Surajit Chattopadhyay		
ii.	Designation	Associate Professor		
iii.	Department	Electrical Engineering		
iv.	Date of Birth	09.02.1978		
v.	GKCIET Unique id	GKCIET/0065		
vi.	Educational Qualifications	Ph.D	in Technology, CU, 2010	
		M.Tech.	in Electrical Engineering, CU, 2003	
		B.E.	in Electrical Engineering, CU, 2001	
vii.	Work Experiences	Teaching	20 years	
		Research	In parallel with teaching experience	
viii.	Area of Specialization	1.	Power System	
		2.	Power Quality	
		3.	Signal Analysis	
		4.	Fault Diagnosis	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Diploma Level	1.	Power System (I and II),	
		2.	Electrical Power Quality	
		3.	Protection	
		4.	Power Generation Economics	
		5.	Microprocessor	
		6.	HVDC	
		7.	Network theorem	
x.	Research Guidance	PhD	Guided	04
			Ongoing	01
		Master	Guided	03
			Ongoing	00
xi.	Project Carried Out with details	1.	R.4/2/UG/2022-23/RDUG2022023, Hansa 1: Unmanned surface vehicle for water top pollution navigation	Ongoing (Rs. 22,000)
		2.	Consultancy project: "Closed loop gateway interface design for LV Mini/Micro grid", 2022	Completed (Rs. 10,000)
xii.	Patents (Granted 1, Published 3)	1.	S Chattopadhyay , T K Das, A Banik, A Das, Loss of solar-generator-string (SGS) detector, Indian Patent Journal, 49/2022, 202231070421, published on 09.12.2022.	
		2.	S Chattopadhyay , T K Das, A Banik, A Das, Remote multi-staired wavelet decomposition-based temperature navigation for solar PV arrays, Indian Patent Journal, 48/2022, 202231067834, published on 02.12.2022.	
		3.	S Chattopadhyay , T Roy, S Ganguli, A Method to Detect a Road Surface Dependent Mechanical Vibration Generated Short Circuit Fault in An Air Circular Motor Circuit in A Vehicle, 2021106069, AUS, published/granted on 28.11.2021.	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	01
			International	50
		Conferences	National	36
			International	51
xv.	No. of Books published with details: 07	1.	S Chattopadhyay , Nanogrids and Picogrids and their integration with electric vehicles, IET , London, ISBN: 978-1-83953-482-9, 2022.	
		2.	S Chattopadhyay , A Das, Overhead Electric Power Lines: Theory and practice IET London ISBN: 9781839533112	

		3	S Chattopadhyay , T Roy, S Sengupta, C Berger-Vachon, (Eds.), Modelling and Simulation in Science, Technology and Engineering Mathematics, Springer , ISBN 978-3-319-74808-5, 2017
		4	S Karmakar, S Chattopadhyay , M Mitra, S Sengupta, Induction Motor Fault Diagnosis Approach through Current Signature Analysis, Springer, Singapore, ISBN: ISBN 978-981-10-0624-1, 2016.
		5	S Chattopadhyay , M Mitra, S Sengupta, Electric Power Quality, Springer, Netharland, ISBN: 978-94-007-0635-4, 2011.
		6	S Chattopadhyay , S Sengupta, Basic Electrical Engineering, Narosa, New Delhi, ISBN: 978-81-8487-046-6, 2010.
		7	S Chattopadhyay , S Sengupta, Basic Electrical Engineering, Alpha Science, Oxford, ISBN: 978-1-84265-606-8, 2010.
xvi.	Major Publications (Max. 4 or 5)	1.	D Kar Ray, T Roy, S Chattopadhyay , Skewness Scanning for Diagnosis of a Small Inter-Turn Fault in Quadcopter's Motor based on Motor Current Signature analysis, IEEE Sensors Journal , Volume: 21, Issue: 5, Page(s): 6952 – 6961, 2021, DOI: 10.1109/JSEN.2020.3038786.
		2.	Niladri Mukherjee, Aveek Chattopadhyaya, Surajit Chattopadhyay , Samarjit Sengupta, Discrete-Wavelet-Transform and Stockwell-Transform-Based Statistical Parameters Estimation for Fault Analysis in Grid-Connected Wind Power System, IEEE Systems Journal , Volume: 14, Issue: 3, Sept. 2020, Page(s): 4320 – 4328, 2020, DOI: 10.1109/JSYST.2020.298413224.
		3	Debopoma Kar Ray, Tamal Roy, Surajit Chattopadhyay , Single and Diagonal Double Thrust Failure Assessment of Quad-copter at Starting, Elsevier: Measurement , 2020, https://DOI.org/10.1016/j.measurement.2020.107591 .
		4	Debopoma Kar Ray, Surajit Chattopadhyay , Fault Analysis in Solar-Wind Hybrid Micro-Grid using MRA and ST based Statistical Analysis, IET Science, Measurement & Technology , Volume 14, Issue 6, August 2020, p. 639 – 650, 2019, DOI: 10.1049/iet-smt.2019.0279.
		5	S Chattopadyay , A Chattopadhyaya, S Sengupta, Measurement of harmonic distortion and Skewness of stator current of induction motor at Crawling in Clarke plane, IET Science Measurement & Technology , vol. 8, issue 6, pp 528 – 536, 2014, DOI: 10.1049/iet-smt.2013.0082.



i.	Name	Mandapati Mohan Jagadeesh Kumar		
ii.	Designation	Associate Professor		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	20-08-1978		
v.	GKCIET Unique id	GKCIET/124		
vi.	Educational Qualifications	Ph.D	IIT Kharagpur in Numerical Heat Transfer	
		M.Tech.	IIT Delhi in Energy Studies	
		B.E.	Andhra University College of Engineering in Mechanical Engineering	
vii.	Work Experiences	Teaching	21 years 3 months	
		Research	NIL	
viii.	Area of Specialization	1.	Numerical Heat Transfer with CFD	
		2.	Solar Thermal Energy Conversion	
		3.	Heat Exchangers	
		4.	Refrigeration and Air-Conditioning	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Heat and Mass Transfer	
		2.	Refrigeration and Air-Conditioning	
		3.	Computational Fluid Dynamics (CFD)	
		4.	Thermal Engineering I & II (Applied Thermodynamics)	
		5.	Fluid Mechanics and Machinery	
		6.	Heat Exchangers	
		7.	Power Plant Engineering	
x.	Research Guidance	PhD	Guided	--
			Ongoing	02
		Master	Guided	17
			Ongoing	--
xi.	Project Carried Out with details	1.	<u>Consultancy Works:</u> 1. Consultancy work on, "Development of thermal calculations for a 50 kW condensing steam turbine including C++ design calculation app for future projects" for the industry Karthik Engineers, Bangalore. Cost of the consultancy work, Rs. 2,25,000/- + 18% GST (extra). 2. Consultancy work on, "Development of thermal calculations for a 50 kW back pressure steam turbine" for the industry Karthik Engineers, Bangalore. Cost of the consultancy work, Rs. 60,000/- + 18% GST (extra). <u>Funded Projects:</u> 1. "Design Manufacturing and Testing of a Solar Based Jaggery Making Unit", funded by GVP College of Engineering (A), Vizag, Andhra Pradesh. Total amount of funding is Rs.	

			2. “Design, fabrication and testing of a double pass solar air heater”, funded by GVP College of Engineering (A), Vizag, Andhra Pradesh. Total amount of funding is Rs. 33,000/-.		
xii.	Patents	1.	NIL		
xiii.	Technology Transfer	1.	NIL		
xiv.	Research Publications	Journals	National	--	
			International	22	
		Conferences	National	02	
				International	19
xv.	No. of Books published with details		--		
xvi.	Major Publications (Max. 4 or 5)	1.	Gunisetty Madhulatha, M. Mohan Jagadeesh Kumar, P. Sateesh, “Optimization of tube arrangement and phase change material for enhanced performance of solar air heater- a numerical analysis”, Int. J. Energy Storage (SCI Journal with IF: 10.3), 41, 102876, 2021. doi:10.1016/j.est.2021.102876		
		2.	G. Raju, M. Mohan Jagadeesh Kumar, “Experimental Study on Solar Air Heater with Encapsulated Phase Change Material on its Absorber Plate”, Energy Storage (Expanded SCI with CS: 3.4), 2021, 3 (5), pp: 1-16, doi: 10.1002/est2.256		
		3.	Nandkishore Sah, Mohan Jagadeesh Kumar Mandapati, “Thermal performance of a double pass solar air heater (SAH) with ribbed absorber surface – An Experimental Study”, World J. Engineering (Emerging SCI with IF: 0.5, Scopus CS: 3.4) 17 (3). 2020, pp: 373-380. doi: 10.1108/WJE-08-2019-0217		
		4.	M. M. J. Kumar, V. V. Satyamurty, “Effect of entry temperature on forced convection heat transfer with viscous dissipation in thermally developing region of concentric annuli”, ASME J. Heat Transfer (SCI Journal with IF: 2.021), 137 (12), 2015, pp. 121001-8, doi: 10.1115/1.4030908		
		5.	M. M. J. Kumar, V. V. Satyamurty, “Limiting Nusselt numbers for laminar forced convection in asymmetrically heated annuli with viscous dissipation”, Int. Comm. Heat Mass Transfer (SCI Journal with IF: 5.683), 38 (7), 2011, pp. 923-927. doi: 10.1016/j.icheatmasstransfer.2011.04.018		



i.	Name	Dr. Babul Prasad Tewari		
ii.	Designation	Associate Professor		
iii.	Department	Computer Science and Engineering		
iv.	Date of Birth	01-02-1980		
v.	GKCIET Unique id			
vi.	Educational Qualifications	Ph.D	Ph. D [Tech] in Computer Science and Engineering	
		M.Tech.	M. Tech in Computer Science and Engineering	
		B.E.	B. E in Information Technology	
vii.	Work Experiences	Teaching	19 years	
		Research	7 years	
viii.	Area of Specialization	1.	Computer Networks.	
		2.	Wireless Communications.	
		3.	Mobile Computing.	
		4.	Cloud Computing	
		5.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Advanced Computer Network (Diploma)	
		2.	Computer Network (Diploma)	
		3.	Programming Language (B. Tech)	
x.	Research Guidance	PhD	Guided	
			Ongoing	2
		Master	Guided	6
			Ongoing	
xi.	Project Carried Out with details	1.	NA	
xii.	Patents	1.	NA	
xiii.	Technology Transfer	1.	NA	
xiv.	Research Publications	Journals	National	-
			International	7
		Conferences	National	-
			International	11
xv.	No. of Books published with details	04 Book Chapters Books: NA		
xvi.	Major Publications (Max. 4 or 5)	1.	Poulomi Mukherjee, Babul P. Tewari, Tanmay De: Joint resource allocation and cluster-head selection for energy aware D2D multi-casting. Int. J. Ad Hoc Ubiquitous Comput. 44(3): 131-147 (2023)	
		2.	Babul P. Tewari, Frame aggregation aware cluster based association management for heterogeneous users. J. Ambient Intell. Humaniz. Comput. 14(3): 2811-2826 (2023)	
		3.	Nirmalya Mukhopadhyay, Babul P. Tewari Dynamic cost effective solution for efficient cloud infrastructure. J. Supercomput. 79(6): 6471-6506 (2023)	
		4.	Babul P. Tewari, Sasthi C. Ghosh: Wi-Fi assisted 5G D2D communications in unlicensed spectrum. J. Ambient Intell. Humaniz. Comput. 13(4): 1715-1734 (2022)	
		5.	Babul P. Tewari, Sasthi C. Ghosh: Efficient AP Placement Through Power Control and Partially Overlapping Channel Assignment. Wirel. Pers. Commun. 110(1): 223-244 (2020)	



i.	Name	Dr. Suranjan Sikdar		
ii.	Designation	ASSOCIATE PROFESSOR		
iii.	Department	CHEMISTRY		
iv.	Date of Birth	08.03.1984		
v.	GKCIET Unique id	GKCIET_120		
	Educational Qualifications	Ph.D	Ph. D in Nanoscience	
		M.Tech.		
		B.E.		
vii.	Work Experiences	Teaching	EIGHT YEARS AND NINE MONTHS (UG, B.TECH., Diploma)	
		Research	Since 2019 (No. of Scholars:03)	
viii.	Area of Specialization	1.	Inorganic Chemistry	
		2.	Nanoscience	
		3.		
		4.		
		5.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Diploma: Theory and Practical (As per WBSCT & VE & SD syllabus)	
		2.	Under Graduate: Theory & Practical (As per UGB & NBU syllabus)	
		3.	B.Tech : Practical (As per MAKAUT syllabus)	
		4.		
		5.		
		6.		
		7.		
x.	Research Guidance	PhD	Guided	ONE
			Ongoing	TWO
		Master	Guided	
			Ongoing	
xi.	Project Carried Out with details	1.	NIL	
xii.	Patents	1.	NIL	
xiii.	Technology Transfer	1.	NIL	
xiv.	Research Publications	Journals	National	4
			International	28
		Conferences	National	Nil
			International	03
xv.	No. of Books published with details			
xvi.	Major Publications (Max. 4 or 5)	1.	Synthesis, photocatalytic and antibacterial activities of a PDS-activated MgO nanocatalyst: experimental and theoretical studies Suranjan Sikdar,* Afroja Banu, Shohini Chakraborty, Nabajyoti Baildya and Sukanta Majumdar	
		2.	Synthesis of tetragonal SnO ₂ photocatalyst for Micro-structural analysis and visible light driven Fenton-like degradation of Methylene Blue Afroja Banu,Subhodeep Barman, Biswajit Sinha, and Suranjan Sikdar*	

	3.	Phase variation of manganese oxide in the MnO@ZnO nanocomposite with calcinations temperature and its effect on structural and biological activities Shatarupa Basak, Md Salman Haydar, Suranjan Sikdar, Salim Ali, Modhusudan Mondal, Ankita Shome, Kushankur Sarkar, Swarnendu Roy & Mahendra Nath Roy*
	4.	Assemble multi-enzyme mimic tandem Mn ₃ O ₄ @ g-C ₃ N ₄ for augment ROS elimination and label free detection Salim Ali, Suranjan Sikdar*, Shatarupa Basak, Modhusudan Mondal, Kangkan Mallick, Md Salman Haydar, Shibaji Ghosh, Mahendra Nath Roy*
	5.	A comprehensive study on ZrO ₂ -ZnO nanocomposites synthesized by the plant-mediated green method Subhodeep Barman , Suranjan Sikdar and Rahul Das



i.	Name	Dr. Sumanta Ray		
ii.	Designation	Associate Professor		
iii.	Department	Computer Science and Engineering		
iv.	Date of Birth	09/08/1986		
v.	GKCIET Unique id	128		
vi.	Educational Qualifications	Ph.D	2017	
		M.Tech.	2012	
		B.E.	2009	
vii.	Work Experiences	Teaching	10 years 3 months	
		Research	6 years (post PhD)	
viii.	Area of Specialization	1.	Computational Biology	
		2.	Machine Learning	
		3.	Pattern Recognition	
		4.	Artificial Intelligence	
		5.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	DBMS (OE-FT601) (B. TECH UG)	
		2.	Programming for Problem Solving (ESCS201) (B. TECH UG)	
		3.	Programming for Problem Solving Lab (ESCS291) (B. TECH UG)	
		4.		
		5.		
		6.		
		7.		
x.	Research Guidance	PhD	Guided	01
			Ongoing	3
		Master	Guided	10
			Ongoing	0
xi.	Project Carried Out with details	1.		
xii.	Patents	1.		
xiii.	Technology Transfer	1.		
xiv.	Research Publications	Journals	National	
			International	35
		Conferences	National	
			International	16
xv.	No. of Books published with details		1. Mukhopadhyay A, Ray S, Maulik U, Bandyopadhyay S. Multiobjective Optimization Algorithms for Bioinformatics. Publisher: Springer Singapore, DOI:https://doi.org/10.1007/978-981-97-1631-9, 29 May 2024.	
xvi.	Major Publications (Max. 4 or 5)	1.	S. Ray*, M. Desai, and S. Pyne, Systematic mining of patterns of polysubstance use in a nationwide population survey, Computers in Biology and Medicine, Volume 151, Part A, December 2022, 106175.	
		2.	S. Ray*, S. Lall, A. Mukhopadhyay, S. Bandyopadhyay, and A. Schönhuth, Deep variational graph autoencoders for novel host-directed therapy options against COVID19, Artificial Intelligence in Medicine, Volume 134, December 2022, 102418.	

		3.	S. Ray* , S. Lall, and S. Bandyopadhyay, A deep integrated framework for predicting SARS-CoV2–Human protein-protein interaction, IEEE Transactions on Emerging Topics in Computational Intelligence, doi: 10.1109/TETCI.2022.3182354., 2022.
		4.	S. Lall, S. Ray* , and S. Bandyopadhyay, A topology preserving graph convolution network for clustering of single-cell RNA seq data, PLoS Computational Biology, 18(3): e1009600. https://doi.org/10.1371/journal.pcbi.1009600 , 2022.
		5.	S. Lall, S. Ray* , S. Bandyopadhyay, LSH-GAN enables in-silico generation of cells for small sample high dimensional scRNA-seq data., Nat. Communication Biology, 577 (2022). https://doi.org/10.1038/s42003-022-03473-y .



i.	Name	GOUTAM HALDAR		
ii.	Designation	Associate Professor		
iii.	Department	Mathematics		
iv.	Date of Birth	22/11/1986		
v.	GKCIET Unique id	GKCIET/0135		
vi.	Educational Qualifications	Ph.D	Ph.D.	
		M.Tech.		
		B.E.		
vii.	Work Experiences	Teaching	14 Years	
		Research		
viii.	Area of Specialization	1.	Complex Analysis	
		2.	Value distribution theory of Nevanlinna	
		3.	Solutions of Fermat type equations in Several Complex variables	
		4.		
		5.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Diploma	
		2.	Under Graduate	
		3.	Post Graduate	
x.	Research Guidance	PhD	Guided	NIL
			Ongoing	NIL
		Master	Guided	NIL
			Ongoing	NIL
xi.	Project Carried Out with details	1.		
xii.	Patents	1.		
xiii.	Technology Transfer	1.		
xiv.	Research Publications	Journals	National	
			International	19
		Conferences	National	
			International	
xv.	No. of Books published with details			
xvi.	Major Publications (Max. 4 or 5)	1.	Hong Yan Xu and Goutam Halder, On solutions of complex nonlinear functional equations including second order partial differential and difference in C^2 , Electronic Journal of differential equations (SCIE), 2023(43), 1–18 (2023). DOI: https://doi.org/10.58997/ejde.2023.43	
		2.	Goutam Halder and Molla Basir Ahamed, Entire solutions of several quadratic binomial and trinomial partial differential-difference equations in C^2 , Analysis and Mathematical Physics (SCIE, Springer), 12, Article Number 113 (2022). doi.org/10.1007/s13324-022-00722-5	
		3.	Goutam Halder, Solutions of Fermat-type partial differential-difference equations in C^n , Mediterranean Journal of Mathematics (SCIE, Springer), 20, article number 50 (2023). doi.org/10.1007/s00009-022-02180-6	
		4.	Abhijit Banerjee and Goutam Halder, On entire solutions of different variants of Fermat-type partial delay differential equations in several complex variables, Rocky Mountain Journal of Mathematics (SCIE). To appear.	

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| | | 5. | Goutam Haldar and Abhijit Banerjee, Characterizations of entire solutions for the system of Fermat-type binomial and trinomial shift equations in C^n , Demonstratio Mathematica (SCIE), 2023; 56: 20230104, doi.org/10.1515/dema-2023-0104 |
|--|--|----|---|



i.	Name	DR. SUDIP KUMAR DAS		
ii.	Designation	Assistant Professor		
iii.	Department	Food Processing Technology		
iv.	Date of Birth	12/11/1977		
v.	Unique id	GKCIET/0010		
vi.	Educational Qualifications	Ph.D	University of Calcutta	
		M.Tech	University of Calcutta	
		B.Tech	University of Calcutta	
vii.	Work Experiences	Teaching	15 years	
		Research	--	
		Industry	--	
		Others	--	
viii.	Area of Specialization	1.	Oil, Chemical Engg. etc.	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Food Processing Tech.-III	
		2.	Unit Operation-II	
		3.	Food Process Engineering	
		4.	Waste Treatment Engineering	
		5.	Food Industries Waste Management	
		6.	Food Preservation	
x.	Research Guidance	PhD	Guided	Nil
			Ongoing	Nil
		Master	Guided	Nil
			Ongoing	Nil
xi.	Project Carried Out	1.	Nil	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
	Research Publications	Journals	National	Nil
			International	3(Three)
		Conferences	National	Nil
			International	Nil
xiv.	No. of Books published with details	1.	Book Chapter: 2	
		2.	--	
xv.	Major Publications	1.	'Analysis of Bio-Sorption of Cr (VI) onto Raw Rice Husk by a Hybrid Theoretical Model Using Results of Batch Experiments'. Adsorption Science & Technology 2013 Volume 31 Number 8.	
		2.	'Metal Impregnated Silica-Carbon Materials from Rice Husk: A Versatile Sorbent for Toxic Organic and Inorganics in Water and Air'. Clean – Soil, Air, Water 2013, 41 (3), 291–297.	
		3.	'Proposed Adsorption–Diffusion Model for Characterizing Chromium (VI) Removal Using Dried Water Hyacinth Roots'. Clean – Soil, Air, Water 2010, 38 (8), 764–770.	



i.	Name	Dr. HABIB MASUM		
ii.	Designation	Assistant Professor		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	13/08/1981		
v.	Unique id	GKCIET/0036		
vi.	Educational Qualifications	Ph.D	IEST, Shibpur	
		ME/M.Tech	NIT, Durgapur	
		BE/BTech	VTU, Belgaum	
vii.	Work Experiences	Teaching	9 years + (from 03.12.2013 till date)	
		Research	Since 2010	
		Industry	6 Years 4 Months 22 days (12.07.2007 to 02.12.2013)	
		Others	-	
viii.	Area of Specialization	1.	Design & Production Engg.	
		2.	Applied Mechanics	
		3.	Biomechanics & Robotics	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Machine Design, Design of Machine Elements & Design of Machine Components	
		2.	Theory of Machines & Dynamics of Machine	
		3.	Elements of Mechatronics, Measurement & Control	
		4.	Industrial Pollution and Control	
		5.	Engineering Graphics	
x.	Research Guidance	PhD	Guided	-
			Ongoing	-
		Master	Guided	-
			Ongoing	-
xi.	Project Carried Out	1.	-	-
xii.	Patents	1.	01 Applied (Remotely Operated Lamp for Inaugural Program).	
xiii.	Technology Transfer	1.	-	
	Research Publications	Journals	National	-
			International	4
		Conferences	National	-
			International	5
xiv.	No. of Books published with details	1.	-	
		2.	-	
xv.	Major Publications (max. 5)	1.	"Conceptual design of a powered ankle-foot prosthesis for walking with inversion and eversion", Procedia Technology, 2014, Vol. 14, pp. 228-235.	
		2.	"Utilisation of Skewness of wavelet-based approximate coefficient in walking speed assessment", IET Science, Measurement & Technology, 2016, Vol.10, Issue 8, pp. 977-982.	
		3.	"Measurement of Walking Speed from Gait Data using Kurtosis and Skewness based Approximate and Detailed Coefficients", IET Science, Measurement & Technology, 2018, Vol. 12, Issue 4, pp. 521-527.	
		4.	"Measurement of Walking Speed from EMG Signal using Kurtosis of Approximate Coefficients", IEEE International Conference on Advanced Computational and Communication Paradigms (ICACCP-2017), Lecture Notes in Electrical Engineering (LNEE), Springer, Singapore Springer, Vol. 475, pp. 317-325.	
		5.	"Development of wireless foot pressure sensor for bio-medical application", 2nd Int. Conf. on Advances in Mechanical Engineering and its Interdisciplinary Areas (ICAMEI-2015), 2015, pp. 355-360.	



i.	Name	GOUTAM KUMAR GHORAI		
ii.	Designation	Assistant Professor		
iii.	Department	Electrical Engineering		
iv.	Date of Birth	06/04/1979		
v.	Unique id	GKCIET/0016		
vi.	Educational Qualifications	Ph.D	Pursuing Ph.D at Jadavpur University	
		ME/MTech	M.Tech in 2006, from University of Calcutta	
		BE/BTech	B.Tech in 2004, from University of Calcutta	
		B.Sc	B.Sc Hons in Physics in 2000, From Vidyasagar University,	
vii.	Work Experiences	Teaching	17 years	
		Research	07 years	
		Others	Deputy Register in charge, HOD of EE ,Chief Worden, Fire and Safety officer of the institute	
viii.	Area of Specialization	1.	Electrical Machine,	
		2.	Control System	
		3.	Circuit Theory	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Electrical Machine	
		2.	Control System	
		3.	Electromagnetic filed theory	
		4.	Power Electronics	
		5.	Electrical and Electronics Design Lab	
x.	Research Guidance	PhD	Guided	No
			Ongoing	No
		Master	Guided	No
			Ongoing	No
xi.	Project Carried Out	1.	No	
xii.	Patents	1.	No	
xiii.	Technology Transfer	1.	No	
	Research Publications	Journals	National	01
			International	No
		Conferences	National	01
			International	02
xiv.	No. of Books published	1.	No	
xv.	Major Publications	1.	"Segmentation of optic disc in retinal fundus images using fully convolutional network." <i>Current Indian Eye Research Journal of Ophthalmic Research Group</i> : 40. Dec 2019 Issue	
		2.	"Optic Disc Localization in Retinal Fundus Images using Faster R-CNN." In 2018 Fifth International Conference on Emerging Applications of Information Technology (EAIT), pp. 1-4. IEEE, 2018.	
		3.	"Optic Disc Segmentation in Retinal Fundus Images Using Fully Convolutional Network and Removal of False-Positives Based on Shape Features." <i>Deep Learning in Medical Image Analysis and Multimodal Learning for Clinical Decision Support</i> . Springer, Cham, 2018, 369-76.	
		4.	"Nested U Net for Segmentation of Red Lession In Retinal Fundus Images and Sub Image Classification for Removal of False Positives" <i>Journal of Digital Imaging</i> (ISSN 08971889) Springer Feb-2022	



i.	Name	SUBRATA ROY		
ii.	Designation	Assistant Professor & HoD		
iii.	Department	Computer Science & Engineering		
iv.	Date of Birth	26/03/1984		
v.	Unique id	GKCIET/0033		
vi.	Educational Qualifications	Ph.D	Pursuing at IIT Guwahati	
		ME/MTech	WBUT	
		BE/BTech	WBUT	
vii.	Work Experiences	Teaching	8 years	
		Research	-	
		Industry	-	
		Others	-	
viii.	Area of Specialization	1.	Computer Architecture	
		2.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Computer System Organization (Diploma)	
		2.	Operating Systems (Diploma)	
		3.	Microprocessor & Microcontroller Based on 8086 & 8051 (Diploma)	
		4.	Internet of Things (Diploma)	
		5.	Programming for Problem Solving (B.Tech)	
		6.	Computer Organization (B.Tech)	
x.	Research Guidance	PhD	Guided	-
			Ongoing	-
		Master	Guided	-
			Ongoing	-
xi.	Project Carried Out	1.	--	
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
	Research Publications	Journals	National	-
			International	-
		Conferences	National	-
			International	1
xiv.	No. of Books published with details	1.	-	
		2.	-	
xv.	Major Publications (max. 5)	1.	Roy, S. (2018). Logical Implication to Reduce Run Time Memory Requirement and Searches During LZW Decompression. In: Bhattacharyya, S., Gandhi, T., Sharma, K., Dutta, P. (eds) Advanced Computational and Communication Paradigms. Lecture Notes in Electrical Engineering, vol 475. Springer, Singapore. https://doi.org/10.1007/978-981-10-8240-5_23	
		2.	Logical Implication to Reduce Run Time Memory Requirement an Searches During LZW Decompression, ICACCP, Lecture Notes in Electrical Engineering, pp. 204-212, Vol. 475	



i.	Name	HARADHAN SARKAR					
ii.	Designation	Assistant Professor					
iii.	Department	Civil Engineering					
iv.	Date of Birth	06/05/1988					
v.	Unique id	GKCIET/0030					
vi.	Educational Qualifications	Ph.D	--				
		ME/MTech	Indian Institute of Technology Guwahati				
		BE/BTech	Jalpaiguri Govt. Engineering College				
vii.	Work Experiences	Teaching	9 Years				
		Research	--				
		Industry	--				
		Others	--				
viii.	Area of Specialization	1.	Ground Improvement Techniques				
		2.	Pavement Materials and Pavement Design				
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Transportation Engineering				
		2.	Traffic Engineering				
		3.	Concrete Technology				
		4.	Advanced Construction Technology				
		5.	Advanced Surveying				
x.	Research Guidance	PhD	Guided	---			
			Ongoing	---			
		Master	Guided	---			
			Ongoing	---			
xi.	Project Carried Out	1.	--			--	
xii.	Patents	1.	--				
xiii.	Technology Transfer	1.	--				
	Research Publications	Journals	National	01			
International			01				
Conferences		National	05				
		International	--				
xiv.		No. of Books published with details	1.	Book chapters: 03			
xv.	Major Publications (max. 5)	1.	Sarkar, H., Halder, P. C. and Ryntathiang, T. L. (2014). Behaviour of interlocking concrete block pavement over stone dust grouted subbase. International Journal of Advanced Structures & Geotechnical Engineering. Vol. 03, No.01, pp-44-48.				
		2.	Sarkar, H. and Biswas, A. (2019). Behaviour of multi-layer-geocell reinforced soil embankment. <i>Proc. of 7th Indian Young Geotechnical Engineers Conference (7IYGEC-2019)</i> , NIT Silchar, Assam, 15-16 March, 2019. pp. 48-51.				
		3.	Sarkar, H. and Biswas, A. (2019). Application of geocell reinforcement in pavements – A brief review. <i>Proc. of Indian Conference on Geotechnical and Geoenvironmental Engineering (ICGGE-2019)</i> , MNNIT Allahabad, 1-2 March, 2019. Paper Id. 53.				
		4.	Sarkar, H. and Biswas, A. (2019). Response of multi-layered-stepped geocell reinforcement in Soil Structures. <i>Proc. of Indian Geotechnical Conference (IGC-2019)</i> , SVNIT Surat, Gujarat, 19-21 st December, 2019.				
		5.	Ryntathiang, T. L., Sarkar, H. and Halder, P. C. and (2020). A laboratory study of concrete block pavement over plastic cell confined single cell aggregate grouted with stone dust. <i>Journal of the Indian Road Congress</i> , April June 2020.				



i.	Name	DR. SHIB SHANKAR CHOWDHURY		
ii.	Designation	Asst. Prof.		
iii.	Department	Humanities & Social Sciences		
iv.	Date of Birth	19/11/1983		
v.	Unique id	GKCIET/0043		
vi.	Educational Qualifications	Ph.D	Techno India University, Salt Lake, Kolkata	
		MA in English. 2008	Indira Gandhi National Open University (a Central University), New Delhi	
vii.	Work Experiences	Teaching	11 Yrs.	
		Research	6 Yrs.	
		Industry	Nil	
		Others	Nil	
viii.	Area of Specialization	1.	Popular Culture, Anglo American women and their pop songs.	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/Post Graduate Diploma Level	1.	Diploma Courses	
		2.	Under Graduate Courses	
		3.	--	
		4.	--	
		5.	--	
x.	Research Guidance	PhD	Guided	Nil
			Ongoing	Nil
		Master	Guided	Nil
			Ongoing	Nil
xi.	Project Carried Out	1.	Research based three albums of English Language song from London (Integrity Publishing Ltd., United Kingdom)	Self Funded
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.		
xiv.	Research Publications	Journals	National	Nil
			International	06
		Conferences	National	02
			International	03
		Presented papers based on own English Language songs		
xvi.	No. of Books published	1.	Nil	
xv.	Major Publications	1.	Chowdhury, Shib Shankar, "Ethnographic Study on Expression and Affect: '21st Century Anglo-American Women and Their Pop Songs.'" The Criteria An International Journal in English, Vol 12, No. 1. Feb 2021, pp. 145-61. https://www.the-criterion.com/V12/n1/AM02.pdf	
		2.	Chowdhury, Shib Shankar, "A Literature assessment of Women In Popular Music Based On Personal Expression And the Impact on Audiences". Vol 10, No III, May 2021. https://www.galaxyimrj.com/V10/n3/Chowdhury.pdf	
		3.	Chowdhury, Shib Shankar. Socio-cultural Phenomena within the Area of Anthropology through Cultural Diversity and Music Galaxy:IMRJ vol.11,no.I, Jan.2022 pp. 35-44 https://www.galaxyimrj.com/V11/n1/Shib.pdf	
		4.	Chowdhury, Shib Shankar. Relevance Of Yoga In The 21st Century. International Journal of Engineering Technologies and Management Research, vol. 5, no. 3, 2018, pp. 25156. Crossref, doi:10.29121/ijetmr.v5.i3.2018.198. https://www.granthaalayahpublication.org/ijetmr-ojms/ijetmr/article/view/27_IJETMR18_A04_336/191	
		5.	Chowdhury, Shib Shankar. Innovative Solutions for Sustainable Development:"Social Responsibility and Implications." International Journal of Scientific and Research Publications Vol.13, no. 2, Feb.2023; pp.190-194 http://www.ijsrp.org/research-paper-0223.php?rp=P13412715	



i.	Name	DR. DHARMESWAR DASH		
ii.	Designation	Assistant Professor (Grade II)		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	20/05/1982		
v.	Unique id	GKCIET/021		
vi.	Educational Qualifications	Ph. D.	NERIST, Arunachal Pradesh (2021)	
		ME/MTech	NERIST, Arunachal Pradesh	
		BE/BTech	BPUT, Rourkela	
vii.	Work Experiences	Teaching	11+ Years	
		Research	7+ Years	
		Industry	--	
		Others	--	
viii.	Area of Specialization	1.	Composite Materials	
		2.	Soft Computing	
		3.	Manufacturing Processes	
		3.	Non-Conventional Machining	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	4.	Advanced Manufacturing Technologies	
		1.	Manufacturing Processes	
		2.	Advanced Manufacturing Technologies	
		3.	Thermal Engineering	
		4.	Fluid Mechanics & Machinery	
		5.	Strength of Materials	
x.	Research Guidance	PhD	Guided	(No. only)
			Ongoing	--
		Master	Guided	--
			Ongoing	--
xi.	Project Carried Out	1.	--	--
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
	Research Publications	Journals	National	--
			International	04
		Conferences	National	01
			International	03
xiv.	No. of Books published with details	1.	Book Chapter: 1	
xv.	Major Publications (max. 5)	1.	S.K. Dash, P. Lingfa, P.K. Das, A Saravanan, D Dash, B Bhara-Prasad. Effect of injection pressure adjustment towards performance, emission and combustion analysis of optimal nahar methyl ester diesel blend powdered agricultural diesel engine. Energy 263 (2023) 125831.	
		2.	S.K. Dash, D Dash, P. Lingfa, Production of biodiesel from non-edible seed oil of Citrus x aurantium L., Journal of Bioresources 8 (2): 41-44, July – December 2021.	
		3.	Dharmeswar Dash, Ram Singh, Sutanu Samanta, Ram Naresh Rai, Influence of TiC on Microstructure, Mechanical and Wear Properties of Magnesium alloy (AZ91D) Matrix Composites, Journal of Scientific & Industrial Research, Vol. 79, February 2020, pp. 164–169.	
		4.	Dharmeswar Dash, Sutanu Samanta, Ram Naresh Rai (2021). Flexural, Dry Sliding Wear and Machinability (EDM) characteristic of AZ91D/TiC (0, 5, 10, 20 wt%) MMC. Advances in Materials and Processing Technologies. DOI: 10.1080/2374068X.2021.1949537.	
		5.	D. Dash, S. Samanta, R. N. Roi, Studies on Synthesis of Magnesium Based Metal Matrix Composites (MMCs), Materials Today: Proceedings 5 (2018), 20110–20116	



i.	Name	DR. TAPASH KR. DAS.		
ii.	Designation	Assistant Professor		
iii.	Department	Electrical Engineering.		
iv.	Date of Birth	06/01/1980		
v.	Unique id	GKCIET/0011		
vi.	Educational Qualifications	Ph.D	Jadavpur University. (2021)	
		M.Tech (Electrical Devices & Power System)	West Bengal University of Technology	
		B.Tech(Electrical Engineering)	West Bengal University of Technology	
vii.	Work Experiences	Teaching	14 years	
		Research	5 years +	
		Industry	--	
		Others	--	
viii.	Area of Specialization	1.	Power System	
		2.	Non- Conventional Energy	
		3.	Microgrid fault analysis	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Basic Electrical Engineering	
		2.	Non- Conventional Energy sources	
		3.	Electric Circuits	
		4.	Switchgear & Protection	
		5.	Electrical and Electronics Measurements	
		6.	Power System	
x.	Research Guidance	PhD	Guided	--
			Ongoing	--
		Master	Guided	--
			Ongoing	--
xi.	Project Carried Out	1.	Consultancy project: "Closed loop gateway interface design for LV Mini/Micro grid", 2022	Completed (Rs. 10,000)
xii.	Patents	1.	S Chattopadhyay, T K Das, A Banik, A Das, Loss of solar-generator-string (SGS) detector, Indian Patent Journal, 49/2022, 202231070421, published on 09.12.2022.	
		2.	S Chattopadhyay, T K Das, A Banik, A Das, Remote multi-staired wavelet decomposition-based temperature navigation for solar PV arrays, Indian Patent Journal, 48/2022, 202231067834, published on 02.12.2022.	
		3.	T K Das, et al. Intelligent Remote-end Electrical Parameters Scanning and Trouble Shooting of Dual Fed Generation based Minigrid for Rural applications, Indian Patent Journal, 48/2022, 202231001567, published on 13.01.2023.	
xiii.	Technology Transfer	1.	--	
	Research Publications	Journals	National	--
			International	3
		Conferences	National	03
			International	07
xiv.	No. of Books published with details	1.	--	
		2.	--	
xv.	Major Publications (max. 5)	1.	"Line to Line Short Circuit Fault Diagnosis in Photo Voltaic Array based Microgrid System", AMSE Journals-IIETA Publication- 2017-Series : Modelling A, Vol. 90, Issue 04, pp. 341-352 Nov.15, 2017(SCOPUS)	
		2.	"Load Bus Symmetrical Fault Analysis in Microgrid System", AMSE Journals-Lecture on Modelling and Simulation- 2017, AMSE, ISSN: 1961-5086, pp. 151- 162, 2017	
		3	Tapash Kr. Das, Surajit Chattopadhyay & Arabinda Das (2021) String Fault Detection in Solar Photo Voltaic Arrays, IETE Journal of Research, DOI: 10.1080/03772063.2021.1905081	



i.	Name	SHRI ABHIJIT MANDAL				
ii.	Designation	Assistant Professor				
iii.	Department	Applied Science				
iv.	Date of Birth	05/02/1984				
v.	Unique id	GKCIET/0040				
vi.	Educational Qualifications	Ph.D	Pursuing Ph.D, GBU, MALDA			
		ME/MTech	--			
		BE/BTech	--			
vii.	Work Experiences	Teaching	8 years			
		Research	2 years			
		Industry	--			
		Others	--			
viii.	Area of Specialization	1.	ORGANIC CHEMISTRY			
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	1.	Diploma –BASIC CHEMISTRY,APPLIED CHEMISTRY			
		2.	B. Tech. CHEMISTRY I, CHEMISTRY II			
x.	Research Guidance	PhD	Guided	Nil		
			Ongoing	Nil		
		Master	Guided	Nil		
			Ongoing	Nil		
xi.	Project Carried Out	1.	Nil			
xii.	Patents	1.	Nil			
xiii.	Technology Transfer	1.	Nil			
	Research Publications	Journals	National	2		
			International	Nil		
		Conferences	National	3		
			International	Nil		
xiv.	No. of Books published with details	1.	Nil			
		2.	--			
xv.	Major Publications (max. 5)	1.	Sequential detection of Cu 2+ and cysteine using an imidazole-based chemosensor in aqueous solution, DOI: 10.1002/jccs.201800200			
		2.	Yttrium nitrate catalyzed synthesis, photophysical study, and TD- DFT calculation of 2,3- dihydroquinazolin-4(1H) - ones. July 2017Heteroatom Chemistry 28(4)DOI: 10.1002/hc.21379			



i.	Name	DR. BIKARNA TARAFDAR					
ii.	Designation	ASSISTANT PROFESSOR					
iii.	Department	MATHEMATICS					
iv.	Date of Birth	15 th January, 1988					
v.	GKCIET Unique id	GKCIET/0041					
vi.	Educational Qualifications	Ph.D		Ph.D			
		M.Sc		University of Gour Banga			
		B.Sc.		North Bengal University			
vii.	Work Experiences	Teaching		11			
		Research		8			
viii.	Area of Specialization	1.	HYDRODYNAMICS				
		2.	NANO FLUIDS				
		3.	Magneto Hydro-dynamics				
		4.	Mechanics and Electro-magnetism				
		5.	Hall Current, Hall Effects, Heat and Mass Transfer				
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	ENGINEERING MATHEMATICS-I				
		2.	ENGINEERING MATHEMATICS-II				
		3.	MATHEMATICS-IB				
		4.	MATHEMATICS-IIB				
		5.	MATHEMATICS-III				
x.	Research Guidance	PhD		Guided	N.A		
				Ongoing			
		Master		Guided	N.A		
				Ongoing			
xi.	Project Carried Out with details	1.	N.A				
xii.	Patents	1.	N.A				
xiii.	Technology Transfer	1.	N.A				
xiv.	Research Publications	Journals		National	1		
				International	8		
		Conferences		National	1		
				International	1		
xv.	No. of Books published with details	1.	N.A				
xvi.	Major Publications (Max. 4 or 5)	1.	Influence of rotational buoyancy on magneto-radiation-convection near a rotating vertical plate, European Journal of Mechanics - B/Fluids, (2018), 75(3)				
		2.	Hall effects on unsteady MHD rotating flow past a periodically accelerated porous plate with slippage, European Journal of Mechanics - B/Fluids, (2018), 72				
		3.	Rotational Magneto-Hydrodynamic Couette Flow of Nanofluids with Hall Effects, Journal of Nanofluids, (2019), 8(3) 604-619.				



i.	Name	DR. SHOWMIK BHOWMIK		
ii.	Designation	Assistant Professor		
iii.	Department	Computer Science and Engineering		
iv.	Date of Birth	22-08-1986		
v.	Unique id	GKCIET/0071		
vi.	Educational Qualifications	Ph.D	Jadavpur University (2021)	
		M.E.	Jadavpur University	
		B.E.	West Bengal University of Technology	
vii.	Work Experiences	Teaching	11 years	
		Research	3 years	
viii.	Area of Specialization	1.	Computer Science and Engineering	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Programming for Problem Solving (ES-CS201 & ES-CS291)	
		2.	Digital Image Processing (COPE306)	
		3.	Data Structure (CST/3/304)	
		4.	Programming in C (CST/3/302)	
		5.	Formal Language & Automata Theory (CS403)	
		6.	Data Structure & Algorithms (CS301 & CS391)	
		7.	Operating Systems (CS502)	
		8.	Machine Learning (OE302)	
		9.	Artificial Intelligence (OE-EE 701)	
x.	Research Guidance	PhD	Guided	NIL
			Ongoing	NIL
		Master	Guided	NIL
			Ongoing	NIL
xi.	Project Carried Out	1.	Nil	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	NIL
			International	18
		Conferences	National	Nil
			International	20
xv.	No. of Books published with details	1.	01 (Book Title: Document Layout Analysis, Author: Showmik Bhowmik, Publisher: SpringerBriefs in Computer Science, Springer Singapore, Softcover ISBN 978- 981-99- 4276-3 eBook ISBN 978- 981-99- 4277-0 Series ISSN 2191- 5768 Series EISSN 2191- 5776)	
xvi.	Major Publications	1.	S. Bhowmik, "Utilization of relative context for text non-text region classification in offline documents using multi-scale dilated convolutional neural network", Multimedia Tools and Applications, Springer. [DOI: https://doi.org/10.1007/s11042-023-16546-9] [published: 4th September 2023]	
		2.	Ghosh, S., Hassan, S. K., Khan, A. H., Manna, A., Bhowmik, S., & Sarkar, R. (2022). Application of texture-based features for text non-text classification in printed document images with novel feature selection algorithm. Soft Computing, 26, 2022, 891– 909.	
		3.	Bhowmik, S., Kundu, S., & Sarkar, R. (2021). BINYAS: a complex document layout analysis system. Multimedia Tools and Applications, 80(6), 8471-8504.	
		4.	Mondal, R., Bhowmik, S., & Sarkar, R. (2020). tsegGAN: a generative adversarial network for segmenting touching nontext components from text ones in handwriting. IEEE Transactions on Instrumentation and Measurement, 70, 1-10.	
		5.	Basu, A., Mondal, R., Bhowmik, S., & Sarkar, R. (2020). U-Net versus Pix2Pix: a comparative study on degraded document image binarization. Journal of Electronic Imaging, 29(6), 063010-063010	



i.	Name	DR. TANMOY SARKAR		
ii.	Designation	Assistant Professor		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	25/05/1986		
v.	Unique id	GKCIET/0067		
vi.	Educational Qualifications	Ph.D	Jadavpur University, Kolkata	
		M.E.	Bengal Engineering & Science University Shibpur, Howrah	
		B.E.	Birbhum Institute Of Engineering & Technology, Suri	
vii.	Work Experiences	Teaching	2 Yrs	
		Research	5 Yrs	
		Others	----	
viii.	Area of Specialization	1.	Metal Casting and Heat Treatment	
		2.	Materials Characterization	
		3.	Tribology	
		4.	Composite Material	
		5.	Behavior of Cast Iron	
		6.	Machinability	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Strength of Material	
		2.	Machine Design	
		3.	Theory of Machine	
		4.	Materials Engineering	
		5.	Manufacturing Process	
		6.	Metrology and Instrumentation	
		7.	Operations research	
x.	Research Guidance	PhD	Guided	----
			Ongoing	----
		Master	Guided	----
			Ongoing	----
xi.	Project Carried Out	1.	----	
xii.	Patents	1.	----	
xiii.	Technology Transfer	1.	----	
xiv.	Research Publications	Journals	National	1
			International	6
		Conferences	National	2
			International	3
xv.	No. of Books published with details	1.	----	
xvi.	Major Publications	1.	T. Sarkar, P. K. Bose, G. Sutradhar, Effect of the Time and Temperature of Isothermal Quenching on Microstructure and Mechanical Properties of Bainitic Gray Cast Iron, Metal Science and Heat Treatment, March 2020, DOI: 10.1007/s11041-020-00460-0	
		2.	T. Sarkar and G. Sutradhar, Investigation on mechanical properties and wear behavior of Cu-alloyed austempered gray cast iron (AGI), Sadhana, 43(161), 2018	
		3.	Tanmoy Sarkar and Goutam Sutradhar, Microstructure and Mechanical Properties of Copper Alloyed Austempered Gray Cast Iron, Canadian Metallurgical Quarterly, 58, 46-55, 2018	
		4.	T. Sarkar and G. Sutradhar, Tribological Characterization of Copper Alloyed Austempered Gray Cast Iron (AGI), Material Research Express, 5, 2018, Doi.org/10.1088/2053-1591/aacc86	
		5.	T. Sarkar and G. Sutradhar, Investigation into the microstructure and mechanical properties of thin wall austempered gray iron (TWAGI), Transactions of the Indian Institute of Metals, 71(9), 2133-2143, 2018	



i.	Name	DR. SOUMI BHATTACHARYYA		
ii.	Designation	Assistant Professor		
iii.	Department	Civil Engineering		
iv.	Date of Birth	08 th June, 1986		
v.	Unique id			
vi.	Educational Qualifications	Ph.D	Indian Institute of Engineering Science and Technology, Shibpur	
		M.E.	Bengal Engineering and Science University, Shibpur	
		B.E.		
vii.	Work Experiences	Teaching	3 years	
		Research	7.5 years	
		Others		
viii.	Area of Specialization	1.	Civil Engineering	
		2.	Structural Engineering	
		3.	Seismic Vibration Control of Structures	
		4.	Liquid Column Dampers	
		5.	Active and Passive Dampers	
		6.	Vibration Energy Harvesting	
ix.	Courses taught at Diploma	1.	Strength of Materials (Diploma)	
		2.	Mechanics of Structures (Diploma)	
		3.	Estimating and Costing (Diploma)	
		4.	Professional Practices-II (Diploma)	
		5.	Development of Life Skills-II (Diploma)	
	Courses taught at Under Graduate	6.	Analysis of Structures (UG)	
		7.	Bridge Engineering (UG)	
		8.	Engineering Mechanics (UG)	
		9.	Solid Mechanics (UG)	
		10.	Structural Analysis (UG)	
		11.	Surveying (Theory) (UG)	
		12.	Building Materials and Construction (UG)	
		13.	Quantity Survey, Specification and Valuation, Building Design & Drawing sessional (UG)	
		14.	Building Design & Drawing (UG)	
		15.	Solid Mechanics Lab (UG)	
		16.	Computer Programming in Civil Engineering (UG)	
		17.	Surveying Lab (UG)	
x.	Research Guidance	PhD	Guided	-
			Ongoing	-
		Master	Guided	-
			Ongoing	-
xi.	Project Carried Out	1.	IPDF Project: Studies on nonlinear dynamics of an array of harvesters Mentor: Prof. Shaikh Faruque Ali, Department of Applied Mechanics, Indian Institute of Technology Madras, India.	Funded by: IIT Madras. (~12 Lacs)
xii.	Patents	1.	-	
xiii.	Technology Transfer	1.	-	
xiv.	Research Publications	Journals	National	-

				International	5
		Conferences		National	4
				International	5
xv.	No. of Books published with details	1.	Book Chapter: S. Bhattacharyya, A. D. Ghosh and B. Basu, "Estimation of supplemental damping by a compliant liquid column damper for seismic vibration control of structures." <i>Advanced Topics in Rotor Dynamics Vibration Isolation and Structural Health Monitoring</i> , lecture notes in Mechanical Engineering, Springer Nature, 2019.		
xvi.	Major Publications	1.	S. Bhattacharyya, A. D. Ghosh and B. Basu, "Design of an active compliant liquid column damper by LQR and wavelet LQR control strategies." <i>Structural Control and Health Monitoring</i> , Wiley, 25(12), 2018.		
		2.	S. Bhattacharyya, A. D. Ghosh and B. Basu, "Experimental Investigations into CLCD with Identification of Tuning and Damping Effects." <i>Journal of Structural Engineering</i> , ASCE, 143(9), 2017.		
		3.	S. Bhattacharyya, A. D. Ghosh and B. Basu, "Nonlinear Modeling and Validation of Air Spring Effects in a Sealed TLCD for Structural Control." <i>Journal of Sound and Vibration</i> , Elsevier, 410, 2017, pp. 269-286.		
		4.	S. Bhattacharyya, A. D. Ghosh and B. Basu, "Performance of compliant liquid column damper for seismically excited structures." <i>Journal of Structural Engineering</i> , CSIR-SERC, 44(3), 2017, pp. 228-235.		
		5.	A. D. Ghosh, S. Bhattacharyya and A. Roy, "On the seismic performance of elevated water tanks and their control using TLDs." <i>Key Engineering Materials</i> , Trans Tech Publications Ltd., 569-570, 2013, pp. 270-277.		



i.	Name	PRIYANKA SAHU		
ii.	Designation	Assistant Professor & HoD		
iii.	Department	Humanities & Social Science		
iv.	Date of Birth	07/03/1990		
v.	Unique id	GKCIET/0068		
vi.	Educational Qualifications	Ph.D	University of Hyderabad (2022)	
		M. Phil	University of Hyderabad	
		M.A	Pondicherry Central University	
		B.A	St. Xavier's College, Ranchi	
vii.	Work Experiences	UGC-NET	UGC - NET Qualified	
		Teaching	2.5 Yrs.	
		Research	3 Yrs.	
		Others	Associate Training and Placement Officer, GKCIET	
			Junior Research Fellowship, University of Hyderabad	
			Research Analyst, Moody's Analytics	
viii.	Area of Specialization	1.	Open Macro - Monetary Economics	
		2.	Econometrics	
		3.	Labor Economics	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	1.	Business Economics and Accountancy	
		2.	Value and Ethics in Profession	
		3.	Professional Ethics and Intellectual Property Rights	
		4.	Indian Constitution	
		5.	Engineering Economics	
		6.	Principles of Economics	
x.	Research Guidance	PhD	Guided	NA
			Ongoing	NA
		Master	Guided	NA
			Ongoing	NA
xi.	Project Carried Out	1.	NA	NA
xii.	Patents	1.	NA	
xiii.	Technology Transfer	1.	NA	
xiv.	Research Publications	Journals	National	-
			International	7
		Conferences	National	3
			International	10
xv.	No. of Books published with details	1.	Book chapters: 3	
xvi.	Major Publications	1.	Sahu, P., (2019) Inflation Dynamics and Impact of Demand and Supply Shocks: Evidence from India. <i>Artha Vijnana. Journal. Gokhale Institute of Politics and Economics</i> , 61(3) pp.209-238.	
		2.	Sahu, P. (2019). A Study on the Dynamic Behaviour of Headline Versus Core Inflation: Evidence from India. <i>Global Business Review</i> , 0972150919836035.	
		3.	Sahu, P., & Sharma, N. K. (2018). <i>Core inflation dynamics and impact of demand and supply shocks: Evidence from India</i> . In International Conference on Economics and Finance (pp. 3-25). Springer, Cham.	
		4.	Sahu, P., & Sharma, N. K. (2018). Impact of Trade Openness on Inflation in India: An Autoregressive Distributed Lag (ARDL) Approach. <i>The Empirical Economics Letters</i> , 17(1).	
		5.	Sahu, P., & Venkatachalapathy, T. K. (2018). Women Empowerment Through Micro Credit: A Case Study of Rural Khunti District of Jharkhand, India. <i>Jharkhand Journal of Development and Management Studies</i> , XISS, Ranchi, 16(2), 7687-7704.	



i.	Name	DR. MUDASIR AHMAD MALIK		
ii.	Designation	Assistant Professor		
iii.	Department	Food Technology		
iv.	Date of Birth	09/03/1988		
v.	Unique id	GKCIET/0072		
vi.	Educational Qualifications	Ph.D	Sant Longowal Institute of Engineering and Technology, Longowal	
		M.Tech.	Sant Longowal Institute of Engineering and Technology, Longowal	
		B. Tech.	Islamic University of Science and Technology, Awantipora	
vii.	Work Experiences	Teaching	7 years	
		Research	Nil	
		Others	Nil	
viii.	Area of Specialization	1.	Food Engineering	
		2.	Food Chemistry	
		3.	Fruit and Vegetable Technology	
		4.	Cereal, Pulses Technology	
		5.	Food Preservation and Technology	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Chemistry of Food	
		2.	Biochemistry and Nutrition	
		3.	Food Processing Technology-I	
		4.	Food Chemistry-II	
		5.	Food Processing Technology-V	
		6.	Food Processing Technology-III	
		7.	Food Safety and Quality Management	
x.	Research Guidance	PhD	Guided	Nil
			Ongoing	Nil
		Master	Guided	Nil
			Ongoing	Nil
xi.	Project Carried Out	1.	Nil	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	Nil
			International	18
		Conferences	National	05
			International	05
xv.	No. of Books published with details	1.	04 Books and 03 Book Chapter	
xvi.	Major Publications	1.	Mudasir Ahmad Malik, Harish Kumar Sharma, Charanjiv Singh Saini. High intensity ultrasound treatment of protein isolate extracted from dephenolized sunflower meal: Effect on physicochemical and functional properties. Ultrasonics - Sonochemistry 39 (2017)511-519.	

		2.	Mudasir Ahmad Malik, Charanjiv Singh Saini. (2018). Rheological and structural properties of protein isolates extracted from dephenolized sunflower meal: Effect of high intensity ultrasound. Food Hydrocolloids 81 (2018) 229-241
		3.	Mudasir Ahmad Malik, Harish Kumar Sharma, Charanjiv Singh Saini. Effect of gamma irradiation on structural, molecular, thermal and rheological properties of sunflower protein isolate. Food Hydrocolloids 72 (2017) 312-322.
		4.	Mudasir Ahmad Malik, Charanjiv Singh Saini. Polyphenol removal from sunflower seed and kernel: Effect on functional and rheological properties of protein isolates. Food Hydrocolloids 63 (2017) 705-715.
		5.	Mudasir Ahmad Malik, Charanjiv Singh Saini. Heat treatment of sunflower protein isolates near isoelectric point: Effect on rheological and structural properties. Food Chemistry. 276 (2019) 554-561



i.	Name	RAJEEV KUMAR		
ii.	Designation	Assistant Professor		
iii.	Department	Electrical Engineering		
iv.	Date of Birth	05-09-1988		
v.	GKCIET Unique id	GKCIET/0097		
vi.	Educational Qualifications	Ph.D	NIT, Mizoram (Pursuing)	
		M.Tech.	Indian Institute of Engineering Science and Technology, Shibpur	
		B.E.	West Bengal University of Technology	
vii.	Work Experiences	Teaching	9 Yrs.	
		Research	6 M	
viii.	Area of Specialization	1.	Electrical Machines	
		2.	Advanced Power Electronics Converters and Machine Drives	
		3.	Electrical Vehicles in Smart Grid	
		4.	Control of Special Machines	
		5.	Control System	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Electrical Machines	
		2.	Power System	
		3.	Power Electronics Converters and Applications	
		4.	Control System	
		5.	Electrical and Electronics Measurements	
		6.	Basic Electrical Engineering	
		7.	Utilization of Electrical Power	
		8.	Switchgear and Protection	
		9.	Electric Circuit Theory	
x.	Research Guidance	PhD	Guided	-
			Ongoing	-
		Master	Guided	-
			Ongoing	-
xi.	Project Carried Out with details	1.	-	
xii.	Patents	1.	-	
xiii.	Technology Transfer	1.	-	
xiv.	Research Publications	Journals	National	-
			International	3
		Conferences	National	1
			International	-
xv.	No. of Books published with details	1.	-	
xvi.	Major Publications (Max. 4 or 5)	1.	RAJEEV KUMAR, SHAMIK CHATTARAJ “ Construction and Modeling of Horizontal Shaft Repulsive-Type Magnetic Bearing ”, “International Journal of Engineering Research & Technology”, Reg. No: IJERTV7IS060109, ISSN: 2278 – 0181, Volume-7, Issue-6, June-2018	
		2.	SHAMIK CHATTARAJ, RAJEEV KUMAR, SAJAL MAITY “ Hybrid Inverter Using Solar Charger ” ISSN 2349-7815 International Journal of Recent Research in Electrical and Electronics Engineering (IJRREEE) Vol.-5, Issue-2, pp:(1-3), Month: April-June 2018	
		3.	A. KARMAKAR, RAJEEV KUMAR, “ Design of Energy Efficient Lighting System for Classroom ”, “International Journal of Engineering and Management Research”, Ref No: IJEMR/V-6/I-6/50/2016 ISSN(Online): 2250-0758, Volume-6, Issue-6, November-December 2016	



i.	Name	Dr. Poojari Yugendar		
ii.	Designation	Assistant Professor		
iii.	Department	Civil Engineering		
iv.	Date of Birth	25-06-1990		
v.	GKCIET Unique id	GKCIET/0108		
vi.	Educational Qualifications	Ph.D	Transportation Engineering in NIT Warangal	
		M.Tech.	Transportation Engineering in IIT Delhi	
		B.E.	Civil Engineering in UCE (A), Osmania University	
vii.	Work Experiences	Teaching	3 years 9 months	
		Research	--	
viii.	Area of Specialization	1.	Transportation Engineering	
		2.	Traffic Engineering	
		3.	Pedestrian Safety	
		4.	Crowd Safety	
		5.	Transportation safety	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Transportation Engineering	
		2.	Urban Transportation Planning	
		3.	Estimation, Specifications and Costing	
		4.	AI applications in Civil Engineering	
		5.	Engineering Mechanics	
		6.	Artificial Neural Networks Fuzzy Logic and Expert Systems	
		7.	Theory of Structure	
x.	Research Guidance	PhD	Guided	--
			Ongoing	--
		Master	Guided	--
			Ongoing	--
xi.	Project Carried Out with details	1.	--	--
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	Delivered 2 lectures in FDPS	
xiv.	Research Publications	Journals	National	--
			International	8
		Conferences	National	2
			International	5
xv.	No. of Books published with details	1.	--	
xvi.	Major Publications (Max. 4 or 5)	1.	Poojari Yugendar and K.V.R. Ravishankar, "Multi-regime modelling for large congregation", Institution of Civil Engineers (ICE: Transport), 174 (6), 394-403, 2021.	
		2.	Poojari Yugendar and K.V.R. Ravishankar, "Neuro-Fuzzy based crowd speed analysis at mass gathering events", Vol. 13, No. 3, Jordan Journal of Civil Engineering, Vol. 13(3), 446-458, 2019	
		3.	Poojari, Yugendar, Prashanth, E., Divya, D. and Kalyani, M.. "Modelling Pedestrian Crossing Behaviour at a Midblock Section" Slovak Journal of Civil Engineering, vol.29, no.3, 2021, pp.15-21.	
		4.	Yugendar P. and K.V.R. Ravishankar, "Analysis of crowd flow parameters using Artificial Neural Network", The Journal of Transport and Telecommunication, Vol. 19(4), 335-345, 2018.	
		5.	Poojari Yugendar and K.V.R. Ravishankar, "The effect of physical factors on crowd walking behavior at religious gatherings", Quality and Quantity, International Journal of	



i.	Name	IMAYANMOSHA WAHLANG		
ii.	Designation	ASSISTANT PROFESSOR		
iii.	Department	COMPUTER SCIENCE & ENGINEERING		
iv.	Date of Birth	24-05-1993		
v.	GKCIET Unique id	GKCIET/0105		
vi.	Educational Qualifications	Ph.D	INFORMATION TECHNOLOGY (MEDICAL IMAGE PROCESSING), NORTH-EASTERN HILL UNIVERSITY, THESIS SUBMITTED (JUNE 2022)	
		M.Tech.	INFORMATION TECHNOLOGY, NORTH-EASTERN HILL UNIVERSITY, 2016	
		B.Tech.	INFORMATION TECHNOLOGY, NORTH-EASTERN HILL UNIVERSITY, , 2014	
vii.	Work Experiences	Teaching	1 YEAR 3 MONTHS	
		Research	5 YEARS	
viii.	Area of Specialization	1.	MACHINE LEARNING	
		2.	MEDICAL IMAGE ANALYSIS	
		3.	IMAGE PROCESSING	
		4.	DEEP LEARNING	
		5.	DATA ANALYSIS	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	SCRIPTING LANGUAGES (PYTHON) [CST203] 3RD SEM , CST DIPLOMA (21-22,22-23)	
		2.	SCRIPTING LANGUAGES LAB (PYTHON) [CST213] 3RD SEM, CST DIPLOMA (21-22,22-23)	
		3.	ALGORITHMS [CST209] 3RD SEM, CST DIPLOMA (21-22)	
		4.	DATABASE MANAGEMENT SYSTEM [OEFT601] 6TH SEM B.TECH, FT (21-22,22-23)	
		5.	DATABASE MANAGEMENT SYSTEM LAB [OEFT691] 6TH SEM B.TECH, FT (21-22,22-23)	
		6.	INTRODUCTION TO DATABASE MANAGEMENT SYSTEM LAB [COPC214] 4TH SEM, CST DIPLOMA (21-22,22-23)	
		7.	MINOR PROJECT [Project202] 4TH SEM, CST DIPLOMA (21-22)	
		8.	DATA STRUCTURES AND ALGORITHMS [OEEE501A] 5TH SEM B.TECH, EE (22-23)	
		9.	ADVANCED COMPUTER NETWORKS [COPE304] 5TH SEM, CST DIPLOMA (22-23)	
		10.	C PROGRAMMING LAB [COPC211] 3RD SEM, CST DIPLOMA (22-23)	
		11.	DATA WAREHOUSING & DATA MINING [COPC207] 6TH SEM, CST DIPLOMA (22-23)	
x.	Research Guidance	PhD	Guided	NA
			Ongoing	NA
		Master	Guided	NA
			Ongoing	NA
xi.	Project Carried Out with details	1.	NA	
xii.	Patents	1.	NA	
xiii.	Technology Transfer	1.	NA	
xiv.	Research Publications	Journals	National	1
			International	1

		Conferences	National	NA
			International	6
xv.	No. of Books published with details	1.	NA	
xvi.	Major Publications (Max. 4 or 5)	1.	Wahlang, I., Maji, A. K., Saha, G., Chakrabarti, P., Jasinski, M., Leonowicz, Z., & Jasinska, E. (2021). "Deep Learning Methods for Classification of Certain Abnormalities in Echocardiography", <i>Electronics</i> , 10(4), 495.	
		2.	Wahlang, I., Saha, G., Maji, A. K. (2022) "Brain Magnetic Resonance Imaging Classification using Deep Learning Architectures with gender and age", <i>Sensors</i> , 22(5), 1766.	
		3.	Wahlang, I., Hassan, S. M., Maji, A. K., Saha, G., Jasinski, M., Leonowicz, Z., & Jasinska, E. (2022). Classification of Valvular Regurgitation Using Echocardiography. <i>Applied Sciences</i> , 12(20), 10461.	



i.	Name	Dr. Soutick Nandi		
ii.	Designation	Assistant Professor		
iii.	Department	Chemistry		
iv.	Date of Birth	13-01-1992		
v.	GKCIET Unique id	GKCIET/0109		
vi.	Educational Qualifications	Ph.D	YES	
		M.Tech.	-	
		B.E.	-	
vii.	Work Experiences	Teaching	2	
		Research	5	
viii.	Area of Specialization	1.	Metal-Organic Framework	
		2.	Fluorescence	
		3.	Sensing	
		4.	Oil water sensing	
		5.	Heterogeneous catalysis	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Applied Chemistry (Diploma)	
		2.	Applied Chemistry Lab (Diploma)	
		3.	Chemistry I (Under Graduate)	
		4.	Chemistry Lab (Under Graduate)	
		5.		
		6.		
		7.		
x.	Research Guidance	PhD	Guided	N/A
			Ongoing	N/A
		Master	Guided	N/A
			Ongoing	N/A
xi.	Project Carried Out with details	1.	N/A	
xii.	Patents	1.	N/A	
xiii.	Technology Transfer	1.	N/A	
xiv.	Research Publications	Journals	National	0
			International	19
		Conferences	National	3
			International	3
xv.	No. of Books published with details	1.	N/A	
xvi.	Major Publications (Max. 4 or 5)	1.	Metal-organic framework showing selective and sensitive detection of exogenous and endogenous formaldehyde. S. Nandi, E. Sharma, V. Trivedi and S. Biswas, Inorg. Chem., 2018, 57, 15149-15157. (I. F = 4.840, SCI journal)	
		2.	A recyclable post-synthetically modified Al(III) based metal-organic framework for fast and selective fluorogenic recognition of bilirubin in human biofluids. S. Nandi and S. Biswas, Dalton Trans., 2019, 48, 9266-9275. (I. F = 4.174, SCI journal))	
		3.	A dinitro-functionalized metal-organic framework featuring visual and fluorogenic sensing of H ₂ S in living cells, human blood plasma and environmental samples. S. Nandi, S. Banesh, V. Trivedi and S. Biswas, Analyst, 2018, 143, 1482-1491. (I. F =3.980, SCI journal))	

		4.	A diamino functionalized metal-organic framework for fluorometric recognition of free chlorine in environmental water samples. S. Nandi and S. Biswas, Microporous Mesoporous Mater., 2020, 299, 110116. (I. F = 4.280, SCI journal))
		5.	Rapid switch-on fluorescent detection of nanomolar level hydrazine in water by a diacetoxy functionalized MOF: Application in paper strips and environmental samples. S. Nandi, M. SK and S. Biswas, Dalton Trans., 2020, 49, 12565-12573. (I. F = 4.174, SCI journal)



i.	Name	Dr. Nitesh Mondal		
ii.	Designation	Assistant Professor		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	20/02/1988		
v.	GKCIET Unique id			
vi.	Educational Qualifications	Ph.D	Ph.D in Engineering from Jadavpur University	
		M.Tech.	ME in Mechanics of Fluid from BESU	
		B.E.	Mechanical Engineering from WBUT	
vii.	Work Experiences	Teaching	9 years	
		Research	3 years	
viii.	Area of Specialization	1.	Mechanics of Fluid	
		2.	Fluid power Control	
		3.	Fluid Machinery	
		4.		
		5.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Fluid Mechanics & Fluid Machines (B.Tech)	
		2.	Fluid Power Control(B.Tech)	
		3.	Automation and control(B.Tech)	
		4.	Thermodynamics(B.Tech)	
		5.	Kinematics and Theory of Machines(B.Tech)	
		6.	Machine Drawing-I (B.Tech)	
		7.	Fluid Mechanics Lab (Diploma)	
x.	Research Guidance	PhD	Guided	00
			Ongoing	00
		Master	Guided	03
			Ongoing	00
xi.	Project Carried Out with details	1.	00	
xii.	Patents	1.	00	
xiii.	Technology Transfer	1.	00	
xiv.	Research Publications	Journals	National	02
			International	13
		Conferences	National	03
			International	14
xv.	No. of Books published with details	1.	Nitesh Mondal., 2019. Duel Spool Electrohydraulic Servo System Modelling and Simulation. Lap Lambert Academic Publishing, ISBN:978-620-0-09401-8.	
xvi.	Major Publications (Max. 4 or 5)	1.	Mondal, N., Saha, R., Mookherjee, S. and Sanyal, D., 2019. A novel method to design pressure compensator for variable displacement axial piston pump. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 233(2), pp.314-334	
		2.	Mondal, N., Saha, R. and Sanyal, D., 2022. A single stage spool valve for the pressure compensator of a variable displacement pump: design, dynamic simulation and comparative study with a real pump. <i>Sādhanā</i> , 47(4), pp.1-17	
		3.	Gupta, A., Rana, M., Mondal, N., Das, A., Karmakar, A. and Chowdhury, A.R., 2023. Designing of different types of gyroid scaffold architecture to achieve patientspecific osseointegration friendly mechanical environment. <i>International Journal for Multiscale Computational Engineering</i> , 21(4)	
		4.	Gupta, A., Rana, M., Mondal, N., Das, A., Karmakar, A. and Chowdhury, A.R., 2023. Designing of different types of gyroid scaffold architecture to achieve patientspecific osseointegration friendly mechanical environment. <i>International Journal for Multiscale Computational Engineering</i> , 21(4).	
		5.	Mondal, N., 2023. A novel approach to design compensator actuators for aswash plate axial piston pump along with the experimental validation. <i>International Journal of Dynamics and Control</i> , pp.1-13	



i.	Name	NIRAJ KUMAR		
ii.	Designation	Assistant Professor		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	24/05/1992		
v.	GKCIET Unique id	GKCIET/0107		
vi.	Educational Qualifications	Ph.D.	Pursuing	
		M.Tech.	NIT, Durgapur	
		B.E.	MAKAUT, West Bengal	
vii.	Work Experiences	Teaching	2 years	
		Research		
viii.	Area of Specialization	1.	Fluid Mechanics and Heat Transfer	
		2.		
		3.		
		4.		
		5.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Heat Transfer	
		2.	Applied Thermodynamics	
		3.	Thermal Power Engineering	
		4.	Strength of Material	
		5.	Solid Mechanics	
		6.	Thermal Engineering-1	
		7.		
x.	Research Guidance	PhD	Guided	NA
			Ongoing	NA
		Master	Guided	NA
			Ongoing	NA
xi.	Project Carried Out with details	1.	NA	
xii.	Patents	1.	A Multi Purpose Device Integrated with power bank, emergency light and Music System (20331018794)	
xiii.	Technology Transfer	1.	NA	
xiv.	Research Publications	Journals	National	
			International	
		Conferences	National	
			International	
xv.	No. of Books published with details	1.		
xvi.	Major Publications (Max. 4 or 5)	1.	Niraj Kumar, Ashok Kumar Yadav, Ashish Dewangan, Mukesh Kumar ,CFD Based Investigation of Thermophoresis Effect on Microparticles in Micro Channel Advances in Mechanical and Energy Technology ..., 2022 (Book chapter - Springer)	
		2.	Shatrughan Singh, Ashok Kumar Yadav, Niraj Kumar, Umakanta Choudhury and Mukesh Kumar, Investigation on lead [(Ba _{0.825} + xCa _{0.175-x})(Ti ₁ Ceramics For Energy Storage Density and Thermal Energy Harvesting Capacity ,Springtore nature singapore pvt.ltd 2023 ,Recent advance in Manufacturing and thermal engineering. lecture notes in mechanical engineering	
		3.	Anku Kumar,Hasibur Rahaman,Niraj Kumar.Design and Development of Electromagnetic Braking System based on Electromagnetic braking system based on electromagnetic induction and eddy current. Trends in machine design.2022;9(3):9-22p.	



i.	Name	Dr. Vivek Kumar		
ii.	Designation	Assistant Professor		
iii.	Department	Food Processing Technology		
iv.	Date of Birth	12-05-1983		
v.	GKCIET Unique id	GKCIET/0095		
vi.	Educational Qualifications	Ph.D	Indian Institute of Technology Kharagpur, WB, India	
		M.Tech.	Aligarh Muslim University Aligarh, UP, India	
		B.E.	Allahabad Agricultural Institute, Prayagraj (SHUATS)	
vii.	Work Experiences	Teaching	2.5Years	
		Research	9 Years	
viii.	Area of Specialization	1.	Agricultural Engineering	
		2.	Agricultural Process and Food Engineering	
		3.	Food Process Engineering	
		4.	Post Harvest Technology	
		5.	Mathematical Modelling, Simulations	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Food Additives	
		2.	Unit Operation - I (Mechanical Operations and Separation Process)	
		3.	Unit Operation II (Transfer Operation)	
		4.	Project Engineering & Food Plant Layout	
		5.	Nanoscience in Food Technology	
		6.	Unit Operation of Chemical Engineering-I	
		7.	Technology of Food Preservation	
		8.	Technology of Food-I (cereals, pulses, legume, oil seeds)	
		9.	Food Additive, Functional Food and Nutraceutical	
		10.	Unit Operation of Chemical Engineering-II Lab	
		11.	Unit Operation Lab	
		12.	Food Preservation Lab.	
x.	Research Guidance	PhD	Guided	Nil
			Ongoing	Nil
		Master	Guided	Nil
			Ongoing	Nil
xi.	Project Carried Out with details	1.	NA	
xii.	Patents	1.	NA	
xiii.	Technology Transfer	1.	NA	
xiv.	Research Publications	Journals	National	01
			International	06
		Conferences	National	01
			International	05
xv.	No. of Books published with details	1.		
xvi.	Major Publications (Max. 4 or 5)	1.	Kumar, Vivek, and Moirangthem Kalpana Devi. "Impact of different drying methods on sensory and physicochemical analysis of instant green bell pepper chutney mix." Measurement: Food (2023): 100077.	
		2.	Kumar, Vivek, et al. "Shrinkage and rehydration characteristics of vacuum assisted microwave dried green bell pepper." Journal of Food Process Engineering 42.4 (2019): e13030.	
		3.	Kumar, V., M. Kalpana Devi, and S. Lal Shrivastava. "Color change kinetics of green bell pepper dried under vacuum-assisted microwave system." Journal of Agricultural Science and Technology 21 3 (2019): 601-14	

		4.	Kumar, Vivek, and Shanker Lal Shrivastava. "Optimization of vacuum-assisted microwave drying parameters of green bell pepper using response surface methodology." <i>Journal of Food Measurement and Characterization</i> 11 (2017): 1761-1772.
		5.	Kumar, Vivek, and Shanker L. Shrivastava. "Vacuum-assisted microwave drying characteristics of green bell pepper." <i>International Journal of Food Studies</i> 6.1 (2017).



i.	Name	Dr. Sourav Chakraborty		
ii.	Designation	Assistant Professor		
iii.	Department	Food Processing Technology		
iv.	Date of Birth	20-09-1990		
v.	GKCIET Unique id	GKCIET/0082		
vi.	Educational Qualifications	Ph.D	Tezpur University (A Central University)	
		M.Tech.	Tezpur University (A Central University)	
		B.Tech.	North Eastern Regional Institute of Science and Technology (Deemed to be University under MOE)	
vii.	Work Experiences	Teaching	8.5 years	
		Research	6 years	
viii.	Area of Specialization	1.	Food Technology	
		2.	Food Engineering, Unit operation, Transfer Phenomena	
		3.	Simulation and Modeling in Food Engineering	
		4.	Artificial Intelligence, Machine Learning in Food Bio systems	
		5.	Emerging Trends in Food Technology	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Dairy Technology for Diploma and B.Tech. both	
		2.	Numerical Methods and Statistical Analysis for B.Tech.	
		3.	Engineering Thermodynamics for Diploma	
		4.	Technology of Food-II (Meat, Fish, Egg, Poultry Meat), Diploma	
		5.	Instrumental Analysis in Food Processing, B.Tech.	
		6.	Doctoral Research Methodology, M.tech. and P.hD.	
		7.	NSQF LEVEL 4, 5, 6 and 7, B.Voc. Students	
x.	Research Guidance	PhD	Guided	-
			Ongoing	-
		Master	Guided	-
			Ongoing	-
xi.	Project Carried Out with details	1.	Implementation of UGC-B.Voc project (Skill Development Program) at Tezpur University (A Central University) from 2015-2020 under the National Skill Qualification Framework as a former faculty under the Department of Food Engineering and Technology	2015-2020
xii.	Patents	1.	"Coarse and hard-shelled fruit holder" for Wood Apple along with Department of Agricultural Engineering, Assam University Silchar (Applied).	
xiii.	Technology Transfer	1.	-	
xiv.	Research Publications	Journals	National	4
			International	34
		Conferences	National	02
			International	04
xv.	No. of Books published with details	1.	Kshirod K. Dash, S. Chakraborty (2020) Advanced Non-thermal Processing Technology in Food, Taylor and Francis (CRC Press).	
		2.	Kshirod K. Dash, S. Chakraborty (2021) Advance Thermal Processing Technology in Food, Taylor and Francis (CRC Press).	
		3.	S. Chakraborty, Kshirod K. Dash (2023) Millet Processing and Preservation Technology under Apple academic Press	

xvi.	Major Publications (Max. 4 or 5)	1.	<u>Chakraborty, S.</u> , Gautam, S. P., Sarma, M., & Hazarika, M. K. (2021). Adaptive neuro-fuzzy interface system and neural network modeling for the drying kinetics of instant controlled pressure drop treated parboiled rice. Food Science and Technology International, 27(8), 746-763.
		2.	<u>Chakraborty, S.</u> , Gautam, S. P., Bordoloi, T., & Hazarika, M. K. (2020). Neural network and computational fluid dynamics modeling for the gelatinization kinetics of instant controlled pressure drop treated parboiled rice. Journal of Food Process Engineering, 43(11), e13534.
		3.	Maibam, B. D., <u>Chakraborty, S.</u> , Nickhil, C., & Deka, S. C. (2023). Effect of Euryale ferox seed shell extract addition on the in vitro starch digestibility and predicted glycemic index of wheat-based bread. International Journal of Biological Macromolecules, 226, 1066-1078.
		4.	Begum, Y. A., <u>Chakraborty, S.</u> , & Deka, S. C. (2020). Bread fortified with dietary fibre extracted from culinary banana bract: Its quality attributes and in vitro starch digestibility. International Journal of Food Science & Technology, 55(6), 2359-2369.
		5.	Kumari, S., <u>Chakraborty, S.</u> , Choudhary, A. K., Boiragi, A., Das, O., & Hazarika, M. K. (2023). Neuro-fuzzy interface and mathematical modeling of rehydration kinetics and dynamic vapor sorption behavior of novel no-cooking rice. Journal of Food Process Engineering, e14299.



i.	Name	DR. RAJA RAM KUMAR		
ii.	Designation	ASSISTANT PROFESSOR & HINDI OFFICER		
iii.	Department	ELECTRICAL ENGINEERING		
iv.	Date of Birth	15/02/1985		
v.	GKCIET Unique id	GKCIET/0104		
vi.	Educational Qualifications	Ph.D	IIT(BHU) VARANASI	
		M.Tech.	IIT(BHU) VARANASI	
		B.E.	FUTURE INSTITUTE OF ENGINEERING AND MANAGEMENT, KOLKATA	
vii.	Work Experiences	Teaching	4 YRS. 4 MONTHS	
		Research	11 YRS.	
		Others	ASSISTANT PROFESSOR (TEQIP-III) IN THE DEPT. OF ELECTRICAL ENGINEERING, JORHAT ENGINEERING COLLEGE, ASSAM (04.09.2018 TO 30.09.2021)	
viii.	Area of Specialization	1.	ELECTRICAL MACHINES & DRIVES	
		2.	ELECTRIC VEHICLES	
		3.	POWER ELECTRONICS	
		4.	ELECTRICAL MACHINES	
		5.	MULTI-PHASE PERMANENT MAGNET MACHINES	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	ELECTRICAL MACHINE-I	
		2.	CONTROL SYSTEM	
		3.	ELECTRICAL MACHINE-II	
		4.	ADVANCED ELECTRIC DRIVE	
		5.	INDUSTRIAL DRIVES	
		6.	INDUCTION, SYNCHRONOUS, AND SPECIAL ELECTRICAL MACHINES	
		7.	INTRODUCTION TO ELECTRIC GENERATION SYSTEMS	
x.	Research Guidance	PhD	Guided	NIL
			Ongoing	NIL
		Master	Guided	NIL
			Ongoing	NIL
xi.	Project Carried Out with details	1.	NIL	
xii.	Patents	1.	NIL	
xiii.	Technology Transfer	1.	NIL	
xiv.	Research Publications	Journals	National	NIL
			International	10
		Conferences	National	NIL
			International	28
xv.	No. of Books published with details	1.	NIL	
xvi.	Major Publications (Max. 4 or 5)	1.	Raja Ram Kumar, S.K.Singh, R.K.Srivastava ,R.K.Saket "Dynamic reluctance air gap modeling and experimental evaluation of electromagnetic characteristics of five-phase permanent magnet synchronous generator for wind power application" Ain Shams Engineering Journal, vol. 11, no. 2, pp. 377-387, 2020, ISSN 2090-4479, https://doi.org/10.1016/j.asej.2019.09.004 .	
		2.	Avneet K. Chauhan; M. Raghuram; Raja Ram Kumar; Santosh K. Singh "Effects and Mitigation of Non-Zero DCM in Buck-Boost Derived Hybrid Converter" IEEE Journal of Emerging and Selected Topics in Power Electronics, vol.6, issue:3, pp-1470-1482 Sent 2018 doi: 10.1109/JESTPE.2017.2771331	

		3.	Raja Ram Kumar, Priyanka Devi, Chandan Chetri, Aanchal Singh S. Vardhan, Rajvikram Madurai Elavarasan, Lucian Mihet-Popa and R. K. Saket "Design and Characteristic Investigation of Novel Dual Stator Pseudo-Pole Five-Phase Permanent Magnet Synchronous Generator for Wind Power Application" IEEE Access, vol. 8, pp. 175788-175804, 2020, doi: 10.1109/ACCESS.2020.3025842.
		4.	Raja Ram kumar, S.K. Singh, R.K. Srivastava, Akanksha Singh S. Vardhan, R.K. Saket, Rajvikram Madurai Elavarasan and Eklas Hossain, "Modeling of Airgap Fluxes and Performance Analysis of Five Phase Permanent Magnet Synchronous Generator for Wind Power Application" IEEE Access, vol. 8, pp. 195472-195486, 2020, doi: 10.1109/ACCESS.2020.3034268.
		5.	Raja Ram Kumar, Priyanka Devi, Chandan Chetri, Ankita Kumari, Papu Moni Saikia, Ram Khelawan Saket, Kundan Kumar and Baseem Khan "Performance analysis of dual stator six-phase embedded-pole permanent magnet synchronous motor for electric vehicle application" volume:13, issue:1, IET Electr. Syst. Transp. e12063 (2023). https://doi.org/10.1049/els2.12063 .



i.	Name	Dr. Chiranjit Sain		
ii.	Designation	Assistant Professor		
iii.	Department	Electrical Engineering		
iv.	Date of Birth	28.11.1987		
v.	GKCIET Unique id	GKCIET/0093		
vi.	Educational Qualifications	Ph.D	National Institute of Technology Meghalaya	
		M.Tech.	National Institute of Technical Teachers Training & Research, Kolkata	
		B.E.	Maulana Abul Kalam Azad University of Technology	
vii.	Work Experiences	Teaching	14 years	
		Research	8 years	
viii.	Area of Specialization	1.	Power Electronics	
		2.	Electric Motor Drives	
		3.	Electric Vehicles Technology	
		4.	Renewable Energy System	
		5.	Embedded System like DSP/FPGA/Microcontroller	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Basic Electrical Engineering	
		2.	Electrical Machines I & II	
		3.	Electric and Hybrid Vehicles	
		4.	Electric Drives	
		5.	Power Electronics	
		6.	Sensors and Transducers	
		7.	Control of Electrical Machines	
x.	Research Guidance	PhD	Guided	04 scholars in collaboration with NIT Mizoram
			Ongoing	
		Master	Guided	NA
			Ongoing	NA
xi.	Project Carried Out with details	1.	Nil	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	Nil
			International	22
		Conferences	National	1
			International	14
xv.	No. of Books published with details	02	1. Power Flow Control and Stability Analysis using TCSC FACTS Controller-Lap Lambert Academic Publishing, Germany, ISBN: 978-620-2-55661-3, 2020. 2. Control Strategies of a Permanent Magnet Synchronous Motor Drives for Electric Vehicles- Series: Control Theory and Applications, CRC Press, Taylor & Francis, eBook: 978-1-003-18955-8, 2022.	
xvi.	Major Publications (Max. 4 or 5)	1.	Harshita Tiwari, Arnab Ghosh, Chiranjit Sain, Furkan Ahmad, Luluwah Al-Fagih "Modified direct torque control algorithm for regeneration capability of IM driven electric vehicle by using hybrid energy storage system"- Renewable Energy Focus, Elsevier, Vol. 48, pp. 1-14, 2024	
		2.	Debabarata Mazumdar; Pabitra Kumar Biswas; Chiranjit Sain; Taha Selim Ustun "GAO Optimized Sliding Mode based Reconfigurable Step size Pb & O MPPT Controller with Grid Integrated EV Charging Station"- IEEE Access, pp.1-8, 2023, DOI: 10.1109/ACCESS.2023.3344275.	
		3.	Teja Barker, Arnab Ghosh, Chiranjit Sain, Furkan Ahmad, L Al-Fagih "Efficient ANFIS-Driven Power Extraction and Control Strategies for PV-BESS Integrated Electric Vehicle Charging Station"- Renewable Energy Focus, Elsevier, Volume 48, pp. 1-17,	

		4.	Aishworya Roy, Arnab Ghosh, Chiranjit Sain, Furkan Ahmad, Luluwah Al-Fagih "A comprehensive analysis of control strategies for enhancing regulation in standalone photovoltaic systems" Energy Reports, Elsevier, Volume 10, pp. 4659-4678, 2023
		5.	Debasis Chatterjee, P K Biswas, Chiranjit Sain, Amarjit Roy, Furkan Ahmad "Efficient Energy Management Strategy for Fuel Cell Hybrid Electric Vehicles Using Classifier Fusion Technique"- IEEE Access, pp. 1-11, 2023, DOI: 10.1109/ACCESS.2023.3312618



i.	Name	DR. ANWESA SARKAR		
ii.	Designation	ASSISTANT PROFESSOR		
iii.	Department	FOOD PROCESSING TECHNOLOGY		
iv.	Date of Birth	29/11/1986		
v.	GKCIET Unique id	GKCIET/0091		
vi.	Educational Qualifications	Ph.D	PROCESS AND FOOD ENGINEERING	
		M.Tech.	FOOD BIOTECH ENGINEERING	
		B.E.	AGRICULTURE ENGINEERING	
vii.	Work Experiences	Teaching	2 YR	
		Research	1 YR	
viii.	Area of Specialization	1.	FOOD INDUSTRY WASTE MANAGEMENT	
		2.	FOOD BIOENGINEERING	
		3.	FOOD BIOPROCESSING	
		4.	FERMENTATION TECHNOLOGY	
		5.	BYPRODUCTS DEVELOPMENT FROM AGRICULTURAL WASTE	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	FOOD MICROBIOLOGY	
		2.	ENTREPRENEURSHIP DEVELOPMENT IN FOOD INDUSTRY	
		3.	PROCESS INSTRUMENTATION	
		4.	FOOD BIOTECHNOLOGY	
		5.	BAKERY TECHNOLOGY	
		6.	RENEWABLE ENERGY	
		7.	FOOD ADDITIVES	
		8.	MICROBIAL TECHNOLOGY	
		9.	ENVIRONMENTAL SCIENCE	
x.	Research Guidance	PhD	Guided	NA
			Ongoing	NA
		Master	Guided	NA
			Ongoing	NA
xi.	Project Carried Out with details	1.	NA	
xii.	Patents	1.	NA	
xiii.	Technology Transfer	1.	NA	
xiv.	Research Publications	Journals	National	2
			International	9
		Conferences	National	8
			International	3
xv.	No. of Books published with details	1.	Book Title: SUGARCANE JUICE CLARIFICATION". Authors: Anwesa Sarkar, Baburao K. Kumbhar, Adinath Eknath Kate ISBN No.: 978-3-659-39793-6 Publisher: LAP LAMBERT Academic Publishing	
xvi.	Major Publications (Max. 4 or 5)	1.	Anwesa Sarkar, Kate A. E, B. K. Kumbhar and Anupama Singh (2015). Effect of alkaline pretreatment parameters on saccharification of waste pea hulls. Journal of Biobased material and Bioenergy .Volume 9, Number 4, August 2015, pp. 433-438(6).	
		2.	Anwesa Sarkar , J.P.Pandey, Anupama Singh, Lakshmi Tiwari, Anil Kumar (2014). Potential Use of Algae-A Review. Journal of Engineering And Technology Research, Vol: 2 (5):57-68	
		3.	Kate A.E, Anwesa Sarkar , Shahi N.C and Lohani U.C (2015). Cracking force analysis for apricot pit decortication based on Mathematical model of Hertz's Theory. <i>International journal of food properties</i> .	
		4.	Anwesa Sarkar , A. E. Kate, N.C. Shahi, Anjineyulu Kothakota and B. K. Kumbhar (2014). Enzymatic saccharification of alkaline pretreated pea hulls. <i>Journal of Environment and Bio-science</i> . Vol. 28	

		5.	Anwesa Sarkar , J. P. Pandey, Anupama Singh, Lakshmi Tiwari and Anil Kumar (2015). A novel method of using refractive index as a tool for finding the quality of aqueous enzymatic extracted algae oil. <i>Advances in Applied Science Research</i> . Vol: 6(4):50-60.
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i.	Name	Dr. Sukhen Das Mandal		
ii.	Designation	Assistant Professor		
iii.	Department	Computer Science and Engineering		
iv.	Date of Birth	10.07.1990		
v.	GKCIET Unique id	GKCIET/0113		
vi.	Educational Qualifications	Ph.D	2022, Indian Institute of Science Education and Research Kolkata (IISER Kolkata)	
		M.Tech.	2014, Jadavpur University	
		B.E.	2012, Government College of Engineering and Ceramic Technology	
vii.	Work Experiences	Teaching	2 years	
		Research	8 years	
viii.	Area of Specialization	1.	Bioinformatics	
		2.	Systems Biology	
		3.	Computational Biology	
		4.	Systems Biology	
		5.	Molecular Biology	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Programming for Problem Solving	
		2.	Algorithms	
		3.	Computer Networks	
		4.	Theory of automata	
		5.	Advanced Web Technology	
		6.		
		7.		
x.	Research Guidance	PhD	Guided	0
			Ongoing	0
		Master	Guided	0
			Ongoing	0
xi.	Project Carried Out with details	1.		
xii.	Patents	1.	0	
xiii.	Technology Transfer	1.	0	
xiv.	Research Publications	Journals	National	
			International	9
		Conferences	National	
			International	1
xv.	No. of Books published with details	1.	0	
xvi.	Major Publications (Max. 4 or 5)	1.	Mandal, S. D., & Ray, P. S. (2020). <i>Transcriptome-wide Analysis Reveals Spatial Correlation between m6-methyladenosine and binding sites of microRNAs and RNA-binding proteins</i>. Genomics. https://doi.org/10.1016/j.ygeno.2020.12. [Impact Factor 5.736]	
		2.	Mandal, S. D., & Saha, S. (2016). <i>PluriPred: A web server for predicting proteins involved in pluripotent network</i>. Journal of biosciences, 41, 743-750. https://doi.org/10.1007/s12038-016-9649-2. [Impact Factor 2.795]	
		3.	Nag, S, Goswami, B., Mandal, S. D., & Ray, P. S. (2022). <i>Cooperation and competition by RNA-binding proteins in cancer</i>. Seminars in Cancer Biology. doi:doi.org/10.1016/j.semcancer.2022.02.023. [Impact Factor 17.012]	
		4.	Guha, A. G., Ahuja, D., Mandal, S. D., Parasar, B., Deyasi, K. D., Roy, D., Sharma, V., Willard, B., Ghosh, A., & Ray, P. S. (2019).	

		<p><i>protein degradation determines pulsatile expression of p53 under DNA damage.</i> Iscience, 15, 342–359. https://doi.org/10.1016/j.isci.2019.05.002. [Impact Factor 5.458]</p>
	5.	<p>Mukherjee, S., Mandal, S. D., Gupta, N., Drory-Retwitzer, M., Barash, D., & Sengupta, S. (2019). <i>Ribod: A comprehensive database for prokaryotic riboswitches</i>. Bioinformatics, 35, 3541–3543. https://doi.org/10.1093/bioinformatics. [Impact Factor 6.937]</p>



i.	Name	Dr. DEBASISH GHORUI		
ii.	Designation	Assistant Professor		
iii.	Department	Mathematics		
iv.	Date of Birth	31-12-1988		
v.	GKCIET Unique id	0101		
vi.	Educational Qualifications	Ph.D	PhD	
		M.Tech.		
		B.E.		
vii.	Work Experiences	Teaching	2	
		Research	6	
viii.	Area of Specialization	1.	Game Theory	
		2.	Linear Algebra	
		3.	Probability	
		4.	Optimization Theory	
		5.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Engineering Mathematics-I (BS101/M-I)	
		2.	Engineering Mathematics-II (BS102/M-II)	
		3.	Mathematics –I B (BS-M102)	
		4.	Mathematics –II B (BS-M202)	
		5.	Operations Research (HM-HU 601)	
		6.		
		7.		
x.	Research Guidance	PhD	Guided	
			Ongoing	
		Master	Guided	
			Ongoing	
xi.	Project Carried Out with details	1.		
xii.	Patents	1.		
xiii.	Technology Transfer	1.		
xiv.	Research Publications	Journals	National	
			International	04
		Conferences	National	
			International	01
xv.	No. of Books published with details	1.		
xvi.	Major Publications (Max. 4 or 5)	1.	Completely Mixed Strategies for Generalized Bimatrix and Switching Controller Stochastic Game; Dynamic Games and Application; December 2017, Volume 7, Issue 4, pp 535-554.	
		2.	Completely Mixed Strategies for Two Structured Classes of Semi-Markov Games, Principal Pivot Transform and Its Generalizations; Applied Mathematics and Optimization; December 2017, Volume 76, Issue 3, pp 593-619.	
		3.	On Solving Mean Payoff Games using Pivoting Algorithms; Asia-Pacific Journal of Operational Research; Volume 35, No. 05, 1850035(2018)	
		4.	A Policy Improvement Algorithm for Solving a Mixture Class of Perfect Information and AR-AT Semi-Markov Games; International Game Theory Review; April, 2020; DOI: 10.1142/S0219198920400083	



i.	Name	DR. AMARJIT ROY		
ii.	Designation	ASSISTANT PROFESSOR		
iii.	Department	ELECTRICAL ENGINEERING		
iv.	Date of Birth	07/ 04/ 1990		
v.	GKCIET Unique id	GKCIET/0096		
vi.	Educational Qualifications	Ph. D	NIT SILCHAR	
		M. Tech.	NIT SILCHAR	
		B. E.	MAKAUT (WBUT)	
vii.	Work Experiences	Teaching	5 YEARS 11 MONTHS	
		Research	4 YEARS	
viii.	Area of Specialization	1.	SIGNAL AND IMAGE PROCESSING	
		2.	MACHINE LEARNING	
		3.		
		4.		
		5.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	ANALOG ELECTRONICS	
		2.	MICROPROCESSOR AND MICROCONTROLLER	
		3.	ANALOG AND DIGITAL ELECTRONICS (DIPLOMA)	
		4.	DIGITAL SIGNAL PROCESSING	
		5.	FUNDAMENTAL OF ELECTRICAL AND ELECTRONICS ENGINEERING (DIPLOMA)	
		6.	DIGITAL IMAGE PROCESSING	
		7.	DIGITAL LOGIC DESIGN	
x.	Research Guidance	PhD	Guided	NA
			Ongoing	NA
		Master	Guided	NA
			Ongoing	NA
xi.	Project Carried Out with details	1.	NA	
xii.	Patents	1.	NA	
xiii.	Technology Transfer	1.	NA	
xiv.	Research Publications	Journals	National	NA
			International	15
		Conferences	National	NA
			International	08
xv.	No. of Books published with details	1.	01: M. K. Chaitanya, L. D. Sharma, A. Roy , and J. Rahul, "A Review on Artificial Intelligence for Electrocardiogram Signal Analysis," <i>Big Data Analytics and Artificial Intelligence in the Healthcare Industry</i> , pp.38-72.	
xvi.	Major Publications (Max. 4 or 5)	1.	A. Roy , L. Manam and R.H. Laskar, "Region adaptive fuzzy filter: an approach for removal of random valued impulse noise," <i>IEEE Transactions on Industrial Electronics</i> , vol. 65 (9), pp. 7268-7278, 2018, DOI: 10.1109/TIE.2018.2793225 (IEEE) [SCI].	
		2.	A. Roy , J. Singha, L. Manam and R.H. Laskar, "Combination of adaptive vector median filter and weighted mean filter for removal of high density impulse noise from color images," <i>IET Image Processing</i> , vol. 11 (6), pp. 352-361, 2017, DOI: 10.1049/iet-ipr.2016.0320 (IET) [SCI].	
		3	A. Roy , L. D. Sharma, and A. K. Shukla, "Multiclass CNN-based adaptive optimized filter for removal of impulse noise from digital images," <i>Vis Comput</i> (2022). https://doi.org/10.1007/s00371-022-02697-7 .	
		4	A. Roy and R.H. Laskar, "Multiclass SVM based adaptive filter for removal of high density impulse noise from color images," <i>Applied Soft Computing</i> , vol. 46, pp. 816-826, 2016, DOI: 10.1016/j.asoc.2015.09.032 (Elsevier) [SCI].	



i.	Name	PINAK RAY		
ii.	Designation	ASSISTANT PROFESSOR		
iii.	Department	Dept. of Civil Engineering		
iv.	Date of Birth	06/11/1990		
v.	GKCIET Unique id	GKCIET/0111		
vi.	Educational Qualifications	Ph.D	Pursuing, Jadavpur University, West Bengal	
		M.E. in Civil Engineering	Jadavpur University (Specialization: Geotechnical Engineering)	
		B.E. in Civil Engineering	IEST, Shibpur	
vii.	Work Experiences	Teaching	6 years 4 months	
		Research	1 year 10 months	
viii.	Area of Specialization	1.	Geotechnical Earthquake Engineering	
		2.	Ground Improvement Techniques	
		3.	Bearing capacity of foundations	
		4.		
		5.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Basic Surveying	
		2.	Geotechnical Engineering	
		3.	Disaster Management	
		4.	Safety Engineering & Management in the Construction Sector	
		5.	Civil Engineering Planning and Drawing	
		6.	Advanced Surveying Practices	
		7.		
x.	Research Guidance	PhD	Guided	--
			Ongoing	--
		Master	Guided	--
			Ongoing	--
xi.	Project Carried Out with details	1.	--	--
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
xiv.	Research Publications	Journals	National	01
			International	03
		Conferences	National	03
			International	01
xv.	No. of Books published with details	1.	--	
xvi.	Major Publications (Max. 4 or 5)	1.	"Liquefaction potential along with pore water pressure generation of coastal sand of Digha in West Bengal, India", Acta Geodynamica et Geomaterialia, Volume 18, No. 2 (202), 2021, ISSN: 2336-4351 (Science Citation Index Expanded).	
		2.	"An experimental study on fly ash with lime and gypsum for quality improvement in pavement subgrade materials", SN Applied Sciences (Springer), Volume 2, No. 12, December, 2020, ISSN: 2523-3963, (SCOPUS and ESCI).	
		3.	"A parametric study on cyclic strength of coastal sand of Digha in West Bengal, India", International Journal of Geo-Engineering (Springer), Volume 12, issue 1, December, 2021, ISSN: 2198-2783, (SCOPUS and ESCI).	



i.	Name	Rakesh Das		
ii.	Designation	Assistant Professor		
iii.	Department	Department of Physics		
iv.	Date of Birth	17.05.1988		
v.	GKCIET Unique id	GKCIET/0098		
vi.	Educational Qualifications	Ph.D.	IIT Kharagpur	
		M.Sc.	IIT Delhi	
		B.Sc.	University of Calcutta	
vii.	Work Experiences	Teaching	08 years	
		Research	10 years	
viii.	Area of Specialization	1.	Condensed Matter Physics	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Applied Physics-I (BS103)	
		2.	Applied Physics-I Lab (BS107)	
		3.	Applied Physics-II (BS104)	
		4.	Applied Physics-II Lab (BS106)	
		5.	Physics-1 (BS-PH 101)	
		6.	Physics-1 Lab (BS-PH 191)	
x.	Research Guidance	PhD	Guided	NIL
			Ongoing	NIL
		Master	Guided	NIL
			Ongoing	NIL
xi.	Project Carried Out with details	1.	N.A.	
xii.	Patents	1.	NIL	
xiii.	Technology Transfer	1.	NIL	
xiv.	Research Publications	Journals	National	NIL
			International	05
		Conferences	National	NIL
			International	01
xv.	No. of Books published with details	1.	NIL	
xvi.	Major Publications (Max. 4 or 5)	1.	<i>"Prospects of quantum phase transition in $Ce(Fe_{1-x}Ni_x)_2$ compounds", Rakesh Das and S.K. Srivastava, <i>Solid State Communications</i> 261, 50 (2017).</i>	
		2.	<i>"Magnetic instability and f-d hybridization in $CeFe_2$ on substituting Cr, Ag, and Au for Fe", Rakesh Das, Mukul Gupta, and S. K. Srivastava, <i>Journal of Magnetism and Magnetic Materials</i> 433, 162 (2017).</i>	
		3.	<i>"Electronic structure and local magnetism of 3d-5d impurity substituted $CeFe_2$", Rakesh Das, G. P. Das, and S. K. Srivastava, <i>Journal of Physics D: Applied Physics</i> 49, 165004 (2016).</i>	
		4.	<i>"Electric field gradients at ^{181}Ta probe in ZrNi: Results from perturbed angular correlation and first-principles calculations", C. C. Dey, Rakesh Das, S. K. Srivastava, <i>Journal of Physics and Chemistry of Solids</i> 82, 10 (2015).</i>	
		5.	<i>"Magnetocaloric effect in $Ce(Fe_{0.975}Cr_{0.025})_2$ compound", Rakesh Das, S. K. Srivastava, <i>Bulletin of Materials Science (Accepted)</i></i>	



i.	Name	ANIRBAN SAHA		
ii.	Designation	ASSISTANT PROFESSOR OF SOCIOLOGY		
iii.	Department	HUMANITIES AND SOCIAL SCIENCES (HSS)		
iv.	Date of Birth	26-09-1988		
v.	GKCIET Unique id	GKCIET/0094		
vi.	Educational Qualifications	Ph.D	ONGOING	
		MA.	North Bengal University	
		B.A.	North Bengal University	
vii.	Work Experiences	Teaching	EIGHT YEARS	
		Research	THREE YEARS	
viii.	Area of Specialization	1.	Economic Anthropology	
		2.	Rural Sociology	
		3.	Sociology of Consumption	
		4.		
		5.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	ENTREPRENEURSHIP AND START-UPS (Subject Code: HS302) for Diploma 6th Semester (New Syllabus)	
		2.	Indian Constitution (Subject Code: MC-EE 301) B.Tech EE 3rd Semester	
		3.	Values and ethics in Profession (Subject code: HMM-EE 401) for B.Tech EE 4th Semester	
		4.	Essence of Indian Knowledge Tradition (Subject Code: MC ME 501) for B.Tech ME 5th Semester Accordingly	
		5.	Constitution of India (Subject code: MC 501 & MC 601) for B.Tech FT 5th Semester & ME 6th Semester	
		6.	Industrial Management for Diploma EE & CST 6th Semester (Old Syllabus)	
		7.	Indian constitution (Subject Code: AU302) for Diploma 2nd Semester (New Syllabus)	
x.	Research Guidance	PhD	Guided	NA
			Ongoing	NA
		Master	Guided	NA
			Ongoing	NA
xi.	Project Carried Out with details	1.	NA	
xii.	Patents	1.	NA	
xiii.	Technology Transfer	1.	NA	
xiv.	Research Publications	Journals	National	NA
			International	NA
		Conferences	National	NA
			International	NA
xv.	No. of Books published with details	1.	YET TO BE PUBLISH	
xvi.	Major Publications (Max. 4 or 5)	1.	YET TO BE PUBLISH	
		2.	YET TO BE PUBLISH	



i.	Name	Dr. Santosh Kumar Dash		
ii.	Designation	Assistant Professor		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	25.05.1990		
v.	GKCIET Unique id	GKCIET/0081		
vi.	Educational Qualifications	Ph.D	Yes	
		M.Tech.	Yes	
		B.E./B. Tech.	Yes	
vii.	Work Experiences	Teaching	4 years 9 months	
		Research	0	
viii.	Area of Specialization	1.	Alternative fuel	
		2.	IC engine	
		3.	Fuel combustion	
		4.	Thermal	
		5.	Emission study	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Power Plant Engineering	
		2.	Power Engineering	
		3.	Automobile Engineering	
		4.	Advanced Thermodynamics	
		5.	Industrial Pollution and Control	
		6.	Thermal Engineering -II	
		7.	Heat transfer	
		8.	Thermodynamics	
x.	Research Guidance	PhD	Guided	0
			Ongoing	0
		Master	Guided	02
			Ongoing	0
xi.	Project Carried Out with details	1.	0	
xii.	Patents	1.	0	
xiii.	Technology Transfer	1.	0	
xiv.	Research Publications	Journals	National	0
			International	14
		Conferences	National	01
			International	18
xv.	No. of Books published with details	1.	0	
xvi.	Major Publications (Max. 4 or 5)	1.	S. K. Dash, P. Lingfa, P. K. Das, A. Saravanan, D. Dash and B. Varaprasad, 2023 "Effect of Injection pressure adjustment towards performance, emission and combustion analysis of optimal nahar methyl ester diesel blend powered agricultural diesel engine". <i>Energy</i> . Volume 263, Part C, pp. 125831 DOI: 10.1016/j.energy.2022.125831	
		2.	S. K. Dash, P. Lingfa and S. B. Chavan, 2020. "Combustion study of a single cylinder variable compression ratio DI diesel engine run by Nahar biodiesel and its diesel blends". <i>Energy Sources, Part A: Recovery, Utilization and Environmental</i>	

			<i>Effects</i> . Vol. 42, no 14, pp. 1681-1690 DOI: 10.1080/15567036.2019.1604878
		3.	S. K. Dash , P. Lingfa and S. B. Chavan, 2018. "An experimental investigation of the application potential of Nahar biodiesel and its diesel blends as diesel engine fuels". <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> . Vol. 40, pp. 2923-2932 DOI: 10.1080/15567036.2018.1514433
		4.	P. V. Elumalai, Santosh Kumar Dash , M. Parthasarathy et al., 2022. Combustion and engine behaviors of dual-fuel premixed charge compression ignition engine powered with n-pentanol and blend of diesel/waste tyre oil included nanoparticles. <i>Fuel</i> . Vol. 324, pp. 124603. DOI: 10.1016/j.fuel.2022.124603
		5.	P Murugesan, Anh Tuan Hoang, Elumalai P.V., Dash Santosh Kumar , D. Balasubramanian, Anh Tuan Le, Van Viet Pham, 2022. "Role of hydrogen in improving performance and emission characteristics of homogeneous charge compression ignition engine fueled with graphite oxide nanoparticle-added microalgae biodiesel/diesel blends". <i>International Journal of Hydrogen Energy</i> . Vol. 47, Issue 88, pp. 37617-37634. DOI: 10.1016/j.ijhydene.2021.08.107



i.	Name	Dr. Chhandita Das		
ii.	Designation	Assistant Professor		
iii.	Department	HSS		
iv.	Date of Birth	02/12/1993		
v.	GKCIET Unique id	GKCIET/0088		
vi.	Educational Qualifications	Ph.D	2022, from Indian Institute of Technology Patna	
		M.A.	2017, from Cooch Behar Panchanan Barma University	
		B.A.	2014, from Siliguri College	
vii.	Work Experiences	Teaching	2 Years	
		Research	3 Years	
viii.	Area of Specialization	1.	English	
		2.	Postcolonial Literature	
		3.	Feminist Literature	
		4.	Spatial Literary Studies	
		5.	Cultural Studies	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	English. (B.Tech.) (HM-HU201)	
		2.	Language Laboratory. (B.Tech.) (HM-HU 291)	
		3.	Communication skills in English –LAB (HS 105) for Diploma 1 st Sem.	
		4.	Communication skills in English (HS101) for Diploma 1 st Sem.	
		5.	Humanities I (Effective Technical Communication), 5 th Sem., B.Tech. Mechanical Engg.	
		6.		
		7.		
x.	Research Guidance	PhD	Guided	NA
			Ongoing	NA
		Master	Guided	NA
			Ongoing	NA
xi.	Project Carried Out with details	1.	NA	
xii.	Patents	1.	NA	
xiii.	Technology Transfer	1.	NA	
xiv.	Research Publications	Journals	National	2
			International	14
		Conferences	National	0
			International	3
xv.	No. of Books published with details	1.	NA	
xvi.	Major Publications (Max. 4 or 5)	1.	Chhandita Das and Priyanka Tripathi. "Exploring Eco-Mysticism in Between Heaven and Earth: Writings on the Indian Hills." English Academy Review, 2023. https://doi.org/10.1080/10131752.2023.2178170 (Taylor and Francis)	
		2.	Chhandita Das, and Priyanka Tripathi. "Interrogating the 'Literary' in Spatial Studies: Interview with Robert T. Tally Jr.". The Minnesota Review, (98), 2022. 73–92. https://doi.org/10.1215/00265667-9563891 .	
		3.	Chhandita Das, and Priyanka Tripathi. "Curating Cartographic Modernity: Politics and Aesthetics" (Review). City: Analysis of Urban Change, Theory, Action, 26(1), 187-190. 2022. https://doi.org/10.1080/13604813.2022.2029030 (Taylor and Francis)	
		4.	Chhandita Das, and Priyanka Tripathi. "Conceptualizing In-Text 'Kshetra': Postcolonial Allahabad's Cultural Geography in Neelum Saran Gour's Allahabad Aria and Invisible Ink." Text Matters, vol. 11, 2021, pp. 389-403. https://doi.org/10.18778/2083-2931.11.24 (Scopus indexed)	
		5.	Chhandita Das, and Priyanka Tripathi. "Exploring the Margins of Kotha Culture: Reconstructing a Courtesan's life in Neelum Saran Gour's Requiem in Raga Janki." CLCWeb: Comparative Literature and Culture, 23(4), 2021. < https://doi.org/10.7771/1481-4374.3669 > (Purdue University Press). (Scopus indexed)	



i.	Name	Anisha Pal		
ii.	Designation	Assistant Professor		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	13-12-1993		
v.	GKCIET Unique id	GKCIET/0118		
vi.	Educational Qualifications	Ph.D	Ongoing	
		M.Tech.	Completed	
		B.E.	Completed	
vii.	Work Experiences	Teaching	11 months	
		Research	3 years	
viii.	Area of Specialization	1.	Industrial Engineering	
		2.	Operations Research	
		3.	Operations Management	
		4.		
		5.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Operations Research (HM-HU601)	
		2.	Industrial Engineering	
		3.	Manufacturing Processes (PC-ME302)	
		4.	Metrology and Inspection (PC-ME404)	
		5.	Thermal Engineering –I	
		6.	Practice of Manufacturing Processes (PC-ME391)	
		7.	Engineering Graphics & Design (ES-ME 291)	
x.	Research Guidance	PhD	Guided	NA
			Ongoing	NA
		Master	Guided	NA
			Ongoing	NA
xi.	Project Carried Out with details	1.	NA	
xii.	Patents	1.	NA	
xiii.	Technology Transfer	1.	NA	
xiv.	Research Publications	Journals	National	NA
			International	NA
		Conferences	National	NA
			International	NA
xv.	No. of Books published with details	1.	NA	
xvi.	Major Publications (Max. 4 or 5)	1.	NA	
		2.		



i.	Name	Dr. Raj Kumar Nayak		
ii.	Designation	Assistant Professor		
iii.	Department	Mathematics		
iv.	Date of Birth	09/07/1993 (dd/mm/yy)		
v.	GKCIET Unique id	GKCIET/0125		
vi.	Educational Qualifications	Ph.D	Jadavpur University	
		M.Tech.	Jadavpur University (M.Sc)	
		B.E.	Jadavpur University (B.Sc)	
vii.	Work Experiences	Teaching	3 years 10 months	
		Research	7 years	
viii.	Area of Specialization	1.	Linear Algebra	
		2.	Analysis (Real and Functional)	
		3.	Operator Theory	
		4.		
		5.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Linear Algebra	
		2.	Calculus	
		3.	Differential Equation	
		4.	Discrete Mathematics	
		5.	Analysis	
		6.	Abstract Algebra	
		7.		
x.	Research Guidance	PhD	Guided	
			Ongoing	
		Master	Guided	
			Ongoing	
xi.	Project Carried Out with details	1.		
xii.	Patents	1.		
xiii.	Technology Transfer	1.		
xiv.	Research Publications	Journals	National	
			International	9
		Conferences	National	
			International	
xv.	No. of Books published with details			
xvi.	Major Publications (Max. 4 or 5)	1.	R. K. Nayak, Weighted numerical radius inequalities for operator and operator matrices, Acta Scientiarum Mathematicarum, (2023) https://doi.org/10.1007/s44146-023-00103-9 .	
		2.	R. K. Nayak, P. Bhunia, K. Paul, Improvements of A-numerical radius bounds, Hokkaido Mathematical Journal, Vol. 52 (2023) p. 517-544.	

		3.	P. Bhunia, R. K. Nayak, K. Paul, Improvement of A - numerical radius inequalities of semi-Hilbertian space operators, Results Math. 76 (2021), no. 3, Paper No. 120, 10 pp.
		4.	P. Bhunia, K. Paul, R. K. Nayak, On inequalities for A - numerical radius of operators, Electron. J. Linear Algebra 36 (2020), 143–157.
		5.	P. Bhunia, K. Paul, R. K. Nayak, Sharp inequalities for the numerical radius of Hilbert space operators and operator matrices, Math. Inequal. Appl. 24 (2021), no. 1, 167–183.



i.	Name	TRYAMBAK KUMAR OJHA				
ii.	Designation	Assistant Professor				
iii.	Department	Computer Science and Engineering				
iv.	Date of Birth	16/12/1988				
v.	Unique id	GKCIET/0044				
vi.	Educational Qualifications	Ph.D	--			
		ME/MTech	M.Tech			
		BE/BTech	B.Tech (STCET/WBUT)			
vii.	Work Experiences	Teaching	9 Years 4 Months			
		Research	--			
		Industry	--			
		Others	--			
viii.	Area of Specialization	1.	LOCAL PATH PLANNING			
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	DIPLOMA			
		2.	UNDER GRADUATE			
		3.	--			
x.	Research Guidance	PhD	Guided	Nil		
			Ongoing	Nil		
		Master	Guided	Nil		
			Ongoing	Nil		
xi.	Project Carried Out	1.	Nil			
xii.	Patents	1.	Nil			
xiii.	Technology Transfer	1.	Nil			
xiv.	Research Publications	Journals	National	Nil		
			International	Nil		
		Conferences	National	Nil		
			International	Nil		
xv.	No. of Books published with details	1.	Nil			
		2.	--			
xvi.	Major Publications (max. 5)	1.	Nil			



i.	Name	MRS. SMITA ANAND		
ii.	Designation	Assistant Professor		
iii.	Department	Electrical Engineering		
iv.	Date of Birth	15/01/1991		
v.	Unique id	NA		
vi.	Educational Qualifications	Ph.D	--	
		ME/MTech	MTech	
		BE/BTech	B. Tech (PRIEST UNIVERSITY)	
vii.	Work Experiences	Teaching	8 YEARS	
		Research	--	
		Industry	--	
		Others	--	
viii.	Area of Specialization	1.	--	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Diploma Courses	
		2.	--	
		3.	--	
x.	Research Guidance	PhD	Guided	Nil
			Ongoing	Nil
		Master	Guided	Nil
			Ongoing	Nil
xi.	Project Carried Out	1.	Nil	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	Nil
			International	Nil
		Conferences	National	Nil
			International	Nil
xv.	No. of Books published with details	1.	Nil	
		2.	--	
xvi.	Major Publications (max. 5)	1.	Nil	



i.	Name	MD JIGAR ALI		
ii.	Designation	Senior Trainer		
iii.	Department	Food Technology		
iv.	Date of Birth	08/03/1982		
v.	Unique id	GKCIET/0018		
vi.	Educational Qualifications	Ph.D	(Awarded Institute/University)	
		ME/M.Tech	----	
		BE/B.Tech	GURU NANAK INSTITUTE TECHNOLOGY Under WBUT	
vii.	Work Experiences	Teaching	13 years	
		Research		
		Industry		
		Others		
viii.	Area of Specialization	1.	Food Technology	
		2.	Food Processing Technology	
		3.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Microbial Technology at Diploma	
		2.	Food Microbiology at Diploma	
		3.	Chemistry of Food - I at Diploma	
		4.	Food Technology-I	
		5.	Bakery and Confectionary Technology	
x.	Research Guidance	PhD	Guided	(No. only)
			Ongoing	nil
		Master	Guided	nil
			Ongoing	nil
xi.	Project Carried Out	1.	(Title & sponsoring agency/dept.)	(Amount in Rs)
			nil	
xii.	Patents	1.	nil	
		2.		
		3.		
xiii.	Technology Transfer	1.		
xiv.	Research Publications	Journals	National	(No. only)
			International	nil
		Conferences	National	nil
			International	nil
xv.	No. of Books published with details	1.	nil	
		2.		
		3.		
xvi.	Major Publications (max. 5)	1.		
		2.		
		3.		
		4.		
		5.		



i.	Name	TRIDIB RANJAN DAS		
ii.	Designation	Senior Trainer		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	04/11/1981		
v.	Unique id	GKCIET/0067		
vi.	Educational Qualifications	Ph.D.	(Awarded Institute/University)	
		ME/MTech		
		BE/BTech	West Bengal University of Technology (W.B.U.T)	
vii.	Work Experiences	Teaching	11 Years	
		Research		
		Industry	2 Years	
		Others		
viii.	Area of Specialization	1.	AUTOMOBILE ENGINEERING	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	1.	Strength of Material at Diploma 1 st Year (CSE)	
		2.	Automobile Engineering at Diploma	
		3.	Thermal Engineering II Diploma 2 nd Year (ME)	
x.	Research Guidance	Ph.D.	Guided	Nil
			Ongoing	Nil
		Master	Guided	Nil
			Ongoing	Nil
xi.	Project Carried Out	1.	Nil	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	Nil
			International	Nil
		Conferences	National	Nil
			International	Nil
xv.	No. of Books published with details	1.	Nil	
		2.		
xvi.	Major Publications (max. 5)	1.	Nil	



i.	Name	AMIUNGSHU KARMAKAR		
ii.	Designation	Senior Trainer		
iii.	Department	Electrical Engineering		
iv.	Date of Birth	30/03/1988		
v.	Unique id	GKCIET/0020		
vi.	Educational Qualifications	Ph.D	--	
		ME/MTech	--	
		BE/BTech	West Bengal University of Technology (W.B.U.T)	
vii.	Work Experiences	Teaching	14 YEARS	
		Research	--	
		Industry	0.5 YEARS	
		Others		
viii.	Area of Specialization	1.	ELECTRICAL ENGINEERING	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate Diploma Level	1.	Electrical Technology, 1 st Year Diploma All Dept.	
		2.	Power Plant Engineering, Diploma 2 nd Year EE	
		3.	Electrical Machine, Diploma 2 nd Year	
		4.	Internet of things (IoT)	
x.	Research Guidance	PhD	Guided	--
			Ongoing	--
		Master	Guided	--
			Ongoing	--
xi.	Project Carried Out	1.	--	
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
xiv.	Research Publications	Journals	National	--
			International	--
		Conferences	National	--
			International	--
xv.	No. of Books published with details	1.	--	
		2.	--	
xvi.	Major Publications (max. 5)	1.	--	



i.	Name	NIKHIL DEO		
ii.	Designation	Sr. Trainer		
iii.	Department	CSE & Electronics		
iv.	Date of Birth	23-09-1990		
v.	Unique id	GKCIET/0069		
vi.	Educational Qualifications	Ph.D	---	
		M.Tech	NERIST, Arunachal Pradesh	
		B.Tech	NERIST, Arunachal Pradesh	
vii.	Work Experiences	Teaching	3 Yrs.	
		Research	2 Yrs.	
		Others	---	
viii.	Area of Specialization	1.	VLSI	
		2.	Object Detection and Image Processing	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Computer Networks	
		2.	Electronics Devices and Circuits	
		3.	Fundamental Of Electronics	
		4.	VLSI & Microelectronics	
		5.	Advance Microprocessor	
x.	Research Guidance	PhD	Guided	--
			Ongoing	--
		Master	Guided	--
			Ongoing	--
xi.	Project Carried Out	1.	--	--
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
xiv.	Research Publications	Journals	National	--
			International	1
		Conferences	National	--
			International	1
xv.	No. of Books published with details	1.	--	
xvi.	Major Publications	1.	N. Deo, R. K. Mangang and K. Murugan, "Power gating in FinFET Adiabatic circuits," 2014 International Conference on Green Computing Communication and Electrical Engineering (ICGCCEE), Coimbatore, 2014, pp. 1-5.	
		2.	Nikhil Deo, T. Sharam and T.Dubey, "SubThreshold biased enhanced bulk-driven double recycling current mirror OTA", Analog Integrated Circuits and Processing, 105, 229-242 (2020)	



i.	Name	DR. HASIBUR RAHAMAN		
ii.	Designation	Trainer		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	31/12/1978		
v.	Unique id	GKCIET/0025		
vi.	Educational Qualifications	Ph.D	Sai Nath University, Ranchi	
		ME/MTech	Jamia Millia Islamia, New Delhi	
		BE/BTech	Jamia Millia Islamia, New Delhi	
vii.	Work Experiences	Teaching	13 Years 5 month	
		Research	Nil	
		Industry	4 Years 3 month	
		Others	Nil	
viii.	Area of Specialization	1.	Production and Industrial Engineering	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Engineering Mechanics	
		2.	Production Management	
		3.	Production Planning and control	
		4.	Engineering Drawing	
		5.	Strength of Materials	
		6.	Theory of Machines	
x.	Research Guidance	PhD	Guided	Nil
			Ongoing	Nil
		Master	Guided	Nil
			Ongoing	Nil
xi.	Project Carried Out	1.	--	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	Nil
			International	04
		Conferences	National	Nil
			International	Nil
xv.	No. of Books published with details		Nil	
xvi.	Major Publications (max. 5)	1.	International journal of Information Technology and Management, Vol.V, Issue No.I, August- 2013, ISSN2249-4510	
		2.	International journal of Information Technology and Management, Vol.VII, Issue No.IX, August- 2014, ISSN2249-4510	
		3.	International Journal of Science and Research (IJSR)ISSN (Online):2319-7064, Volume 4 Issue 11, November 2015.	
		4.	International Journal Design and Development of Electromagnetic Breaking System based on Electromagnetic ISSN:2455-3352 Year-2022, Volume-09, Issue-03	



i.	Name	DEBADRITA ROY		
ii.	Designation	Trainer		
iii.	Department	Computer Science & Engineering		
iv.	Date of Birth	30/06/1986		
v.	Unique id	GKCIET/0035		
vi.	Educational Qualifications	Ph.D		
		ME/MTech	West Bengal University of Technology	
		BE/BTech	West Bengal University of Technology	
vii.	Work Experiences	Teaching	11 Yrs.	
		Research		
		Industry		
		Others		
viii.	Area of Specialization	1.	Computer Science and Engineering	
		2.		
		3.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	1.	C Programming Language	
		2.	Data Structure	
		3.	Object Oriented Programming with Java	
		4.	DBMS	
		5.		
x.	Research Guidance	PhD	Guided	(No. only)
			Ongoing	
		Master	Guided	
			Ongoing	
xi.	Project Carried Out	1.	Nil	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	Nil
			International	02
		Conferences	National	Nil
			International	Nil
xv.	No. of Books published with details	1.	Nil	
		2.	--	
xvi.	Major Publications (max. 5)	1.	"A Comparative Analysis of Three Different Types of Searching Algorithms in Data Structure", Debadrita Roy et. al, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), ISSN (Online): 2278-1021, ISSN (Print): 2319-5940, Vol.3, Issue 5, Page: 6626-6630, May 2014	
		2.	"Design of Movie Recommendation System by Means of Collaborative Filtering", Debadrita Roy et. al, International Journal of Emerging Technology and Advanced Engineering (IJETAEE), ISSN: 2250-2459 (Online) An ISO 9001:2008 Certified Journal), Volume-3, Issue-4, Page: 67-72, April,2013.	



i.	Name	SIRAJ UD DOULAH		
ii.	Designation	Trainer		
iii.	Department	Computer Science & Engineering		
iv.	Date of Birth	14/08/1982		
v.	Unique id	GKCIET/0037		
vi.	Educational Qualifications	Ph.D	--	
		ME/MTech	--	
		BE/BTech	B.Tech (Meghnad Saha Institute of Technology)	
vii.	Work Experiences	Teaching	11 years	
		Research	--	
		Industry	5 years (T.C.S)	
		Others	--	
viii.	Area of Specialization	1.	Information Technology	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Diploma Courses	
		2.	--	
		3.	--	
x.	Research Guidance	PhD	Guided	--
			Ongoing	--
		Master	Guided	--
			Ongoing	--
xi.	Project Carried Out	1.	--	
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
xiv.	Research Publications	Journals	National	--
			International	--
		Conferences	National	--
			International	--
xv.	No. of Books published with details	1.	--	
		2.	--	
xvi.	Major Publications (max. 5)	1.	--	



i.	Name	MAHAFIZUR RAHAMAN		
ii.	Designation	Trainer		
iii.	Department	Computer Science & Engineering		
iv.	Date of Birth	09/12/1989		
v.	Unique id	GKCIET/0038		
vi.	Educational Qualifications	Ph.D	--	
		ME/MTech	--	
		BE/BTech	B.Tech (B.P.P.I.M.T)	
vii.	Work Experiences	Teaching	11 years	
		Research	--	
		Industry	--	
		Others	--	
viii.	Area of Specialization	1.	CSE	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	1.	IT Systems Lab in Diploma	
		2.	C programming, Java, Advanced Java	
		3.		
x.	Research Guidance	PhD	Guided	--
			Ongoing	--
		Master	Guided	--
			Ongoing	--
xi.	Project Carried Out	1.	--	
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
xiv.	Research Publications	Journals	National	--
			International	--
		Conferences	National	--
			International	--
xv.	No. of Books published withdetails	1.	--	
		2.	--	
xvi.	Major Publications (max. 5)	1.	--	



i.	Name	ABHINAV KUMAR		
ii.	Designation	Trainer		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	15/2/1988		
v.	Unique id	GKCIET/0019		
vi.	Educational Qualifications	Ph.D	--	
		ME/MTech	--	
		BE/BTech	B.Tech (IASE DEEMED UNIVERSITY)	
vii.	Work Experiences	Teaching	11 year	
		Research	--	
		Industry	--	
		Others	--	
viii.	Area of Specialization	1.	--	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Diploma Courses	
		2.	--	
		3.	--	
x.	Research Guidance	PhD	Guided	Nil
			Ongoing	Nil
		Master	Guided	Nil
			Ongoing	Nil
xi.	Project Carried Out	1.	Nil	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	Nil
			International	Nil
		Conferences	National	Nil
			International	Nil
xv.	No. of Books published with details	1.	Nil	
		2.	--	
xvi.	Major Publications (max. 5)	1.	Nil	



i.	Name	RAKTIM ROY		
ii.	Designation	Trainer		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	05/03/1988		
v.	Unique id	GKCIET/0009		
vi.	Educational Qualifications	Ph.D	--	
		ME/MTech	--	
		BE/BTech	West Bengal University of Technology (W.B.U.T)	
vii.	Work Experiences	Teaching	11 YEARS	
		Research	--	
		Industry	--	
		Others	--	
viii.	Area of Specialization	1.	MECHANICAL ENGINEERING	
		2.	--	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Engineering Drawing at Diploma	
		2.	Industrial Management at Diploma	
		3.	Management at Diploma	
		4.	Engineering Workshop Practice	
		5.	Measurement and Control	
x.	Research Guidance	PhD	Guided	Nil
			Ongoing	Nil
		Master	Guided	Nil
			Ongoing	Nil
xi.	Project Carried Out	1.	Nil	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	Nil
			International	Nil
		Conferences	National	Nil
			International	Nil
xv.	No. of Books published with details	1.	Nil	
		2.	--	
xvi.	Major Publications (max. 5)	1.	Nil	



i.	Name	MOJAHADUL ISLAM MALLICK		
ii.	Designation	Trainer		
iii.	Department	Food Technology		
iv.	Date of Birth	11\12\1982		
v.	Unique id	GKCIET/0032		
vi.	Educational Qualifications	Ph.D	--	
		ME/MTech	--	
		BE/BTech	--	
		Diploma	Diploma(WBSCTE)	
vii.	Work Experiences	Teaching	11 years.	
		Research	--	
		Industry	2 years.	
		Others		
viii.	Area of Specialization	1.	--	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	1.	Jam,Jelly& Ketchup Processing Technician under PMKVY-TI	
		2.	Chemistry of Food - II Laboratory, Diploma 4th sem	
		3.	Food Preservation Technology Laboratory. 4th sem	
		4.	Bakery and Confectionary Lab, 5 th Sem	
x.	Research Guidance	PhD	Guided	--
			Ongoing	--
		Master	Guided	--
			Ongoing	--
xi.	Project Carried Out	1.	--	
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
xiv.	Research Publications	Journals	National	--
			International	--
		Conferences	National	--
			International	--
xv.	No. of Books published with details	1.	--	
		2.	--	
xvi.	Major Publications (max. 5)	1.	--	



i.	Name	MINTU SINHA		
ii.	Designation	Trainer		
iii.	Department	Food Technology		
iv.	Date of Birth	04/04/1984		
v.	Unique id	GKCIET/0028		
vi.	Educational Qualifications	Ph.D	--	
		ME/MTech	--	
		Diploma	WBSCTE	
vii.	Work Experiences	Teaching	16 years	
		Research	--	
		Industry	01 years	
		Others	--	
viii.	Area of Specialization	1.	Food Processing Technology.	
		2.	--	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	1.	Unit Operation of Chemical Engineering-I Laboratory	
		2.	Unit Operation of Chemical Engineering-II Laboratory	
		3.	Professional Practice-I	
		4.	Professional Practice-II	
		5.	Jam, Jelly & Ketchup Processing Technician under PMKVY-TI.	
x.	Research Guidance	PhD	Guided	Nil
			Ongoing	Nil
		Master	Guided	Nil
			Ongoing	Nil
xi.	Project Carried Out	1.	Nil	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	Nil
			International	Nil
		Conferences	National	Nil
			International	Nil
xv.	No. of Books published with details	1.	Nil	
		2.	--	
xvi.	Major Publications (max. 5)	1.	Nil	



i.	Name	DHAJU MOHAMMAD		
ii.	Designation	Trainer		
iii.	Department	Electrical Engineering		
iv.	Date of Birth	18/03/1972		
v.	Unique id	GKCIET/0015		
vi.	Educational Qualifications	Ph.D	--	
		ME/MTech	--	
		BE/BTech	--	
		Diploma	West Bengal State Council of Technical Education (W.B.S.C.T.E)	
vii.	Work Experiences	Teaching	17 Years	
		Research	--	
		Industry	9 Years	
		Others	--	
viii.	Area of Specialization	1.	Electrical Engineering.	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Electrical Workshop	
		2.	Development of Life Skill-II	
		3.	Electrical and Electronics Designs Lab	
		4.	Fundamentals of Electrical & Electronics Lab	
		5.	Electric Vehicles	
		6.	Assistant Electrician under PMKVY-TI	
x.	Research Guidance	PhD	Guided	Nil
			Ongoing	Nil
		Master	Guided	Nil
			Ongoing	Nil
xi.	Project Carried Out	1.	Nil	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	Nil
			International	Nil
		Conferences	National	Nil
			International	Nil
xv.	No. of Books published with details	1.	Nil	
		2.	--	
xvi.	Major Publications (max. 5)	1.	Nil	



i.	Name	PRANAB ROY		
ii.	Designation	Trainer		
iii.	Department	Food Technology		
iv.	Date of Birth	11/12/1983		
v.	Unique id	GKCIET/0032		
vi.	Educational Qualifications	Diploma and Certificate	Diploma in Food Processing Technology(WBSCTE)and Two Years Certificate in Agriculture (WBCHSE).	
vii.	Work Experiences	Teaching	12 years	
		Research	--	
		Industry	02 years	
		Others	Annual Refresher Programme in Teaching (ARPIT), Duration:01-05-2019 to 11-01-2020	
viii.	Area of Specialization	1.	Food Processing Technology	
		2.	Agriculture (Preservation Technology)	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ PostGraduate DiplomaLevel	1.	Short Time Courses under Food Processing Sectors (Non-Formal)/PMKVY-TI/NSDC/PBSSD(Utkarsh Bangla)	
		2.	Microbial Tech Lab.	
		3.	Development of Skill Life-II	
		4.	Chemistry of Food Lab	
		5.	Food Microbiology Lab	
		6.	Food Analysis & Quality Control Lab-I and II	
		7.	Food safety and Quality Control Lab-II	
x.	Research Guidance	PhD	Guided	Nil
			Ongoing	Nil
		Master	Guided	Nil
			Ongoing	Nil
xi.	Project Carried Out	1.	Nil	
xii.	Patents	1.	Nil	
xiii.	Technology Transfer	1.	Nil	
xiv.	Research Publications	Journals	National	Nil
			International	Nil
		Conferences	National	Nil
			International	Nil
xv.	No. of Books published with details	1.	Nil	
xvi.	Major Publications	1.	Nil	



i.	Name	SANKAR MUKHERJEE		
ii.	Designation	Trainer		
iii.	Department	Electrical Engineering		
iv.	Date of Birth	14/12/1973		
v.	Unique id	GKCIET/0007		
vi.	Educational Qualifications	DIPLOMA	West Bengal State Council of Technical Education (W.B.S.C.T.E)	
vii.	Work Experiences	Teaching	17 Yrs. Approx.	
viii.	Area of Specialization	1.	ELECTRICAL ENGINEERING	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Electrical Workshop (Practical)	
		2.	Development of Life Skill-II	
		3.	Professional Practice I and IV	
		4.	Transmission and Distribution of Electric Power lab	
		5.	Electric Measurement and Control Lab	
		6.	Applied and Digital Electronics Lab	
x.	Research Guidance	PhD	Guided	N.A.
			Ongoing	--
		Master	Guided	N.A.
			Ongoing	--
xi.	Project Carried Out	1.	N.A.	N.A.
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
xiv.	Research Publications	Journals	National	N.A.
			International	N.A.
		Conferences	National	N.A.
			International	N.A.
xv.	No. of Books published with details	1.	N.A.	
xvi.	Major Publications	1.	N.A.	



i.	Name	PRANAB MANDAL		
ii.	Designation	Trainer		
iii.	Department	Electrical Engineering		
iv.	Date of Birth	30/06/1983		
v.	Unique id	GKCIET/0022		
vi.	Educational Qualifications	Ph.D	--	
		ME/MTech	--	
		BE/BTech	West Bengal University of Technology (W.B.U.T)	
		Diploma	West Bengal State Council of Technical & Vocational Education and Skill Development	
vii.	Work Experiences	Teaching	14 YEARS	
		Research	--	
		Industry		
		Others		
viii.	Area of Specialization	1.	Electrical Engineering	
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	2.	Transmission & Distribution of Power	
		3.	Applied and Digital Electronics	
		4.	Assistant Electrician under PMKVY-TI	
		5.	Assistant Electrical House Wireman and motor winder	
		6	Electrical Circuit	
x.	Research Guidance	PhD	Guided	--
			Ongoing	--
		Master	Guided	--
			Ongoing	--
xi.	Project Carried Out	1.	--	
xii.	Patents	1.	--	
xiii.	Technology Transfer	1.	--	
xiv.	Research Publications	Journals	National	--
			International	--
		Conferences	National	--
			International	--
xv.	No. of Books published with details	1.	--	
		2.	--	
xvi.	Major Publications (max. 5)	1.	--	



i.	Name	SHRI SILADITYA MANDAL		
ii.	Designation	Trainer		
iii.	Department	Mechanical Engineering		
iv.	Date of Birth	14 th April, 1993		
v.	Unique id	GKCIET/0074		
vi.	Educational Qualifications	Ph.D		
		M.E.	Jadavpur University	
		B.Tech	Seacom Engineering College	
vii.	Work Experiences	Teaching	4 Years	
		Research		
		Others		
viii.	Area of Specialization	1.	Fluid Mechanics and Hydraulics	
		2.		
		3.		
		4.		
		5.		
		6.		
ix.	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.	Thermal Power Engineering	
		2.		
		3.		
		4.		
		5.		
		6.		
		7.		
x.	Research Guidance	PhD	Guided	
			Ongoing	
		Master	Guided	
			Ongoing	
xi.	Project Carried Out	1.		
xii.	Patents	1.		
xiii.	Technology Transfer	1.		
xiv.	Research Publications	Journals	National	
			International	
		Conferences	National	
			International	
xv.	No. of Books published with details	1.		
xvi.	Major Publications	1.		
		2.		
		3.		
		4.		
		5.		

9. Fee

- Details of fee, as approved by State Fee Committee, for the Institution
Fees Structures are provided in Sl. No. 6
For more details about fee structure and hostel fees, please visit at https://www.gkciet.ac.in/tution_fee
- Time schedule for payment of fee for the entire programme
Students are notified before beginning of each semester in the institute website and through Email.
- No. of Fee waivers granted with amount and name of students
Following schemes are considered case-wise:
1. TFW (Tuition Fee Waiver, as per admission data)

SL. NO.	NAME OF THE STUDENT	DEPT.	ADMITTED IN	PROGRAMME
1.	AVIJIT CHAIRA	EE	2018-19	DIPLOMA
2.	ACHISMAN KUNDU	CST		
3.	RAJESH ROY	CST		
4.	PUSKAR MANDAL	ME	2019-20	
5.	GHANASHYAM DEBSARMA	CE		
6.	ARUN PATRA	CST		
7.	SUBHENDU SARKAR	CST	2020-21	
08.	DEBABRATA MONDAL	FT		
09.	MAHIRUDDIN AHMED	EE		
10.	JAYANTA KUMAR PAL	CE		
11.	SAMARPITA DEY	CE		
12.	DIP PATTANAYEK	CST		
13.	AMIT BARAN DAS	CST	2021-22	
14.	SATTAR ALI	CE		
15.	ABHOY NATH	CE		
16.	ROSY AFSANA	CE	2022-23	
17.	AMIT KUMAR PAUL	CE		
18.	MD HEDAITULLA	CST		
19.	RONI PAUL	CST		
20.	BITTU HALDAR	CST		
21.	SHUBHAJYOTI PACHHAL	CST		
22.	MANOJIT BHAGAT	EE	2023-24	
23.	PRIYANKA MANDAL	CE		
24.	ANIRBAN POREL	CST		
25.	TANISHQ DUTTA	CST		
26.	SUPRIYA DAS	CE		
27.	ABAIDUR RAHAMAN	ME	2018-19	B.TECH.
28.	PRIYABRATA KAPRI	FPT		
29.	SK MD KAIF	EE		
30.	ANGSHUMAN GHOSH	ME		
31.	ABHISHEK BARANWAL	ME		
32.	SHAHANOWAJ HOSSAIN CHOUDHURY	ME		
33.	ATANU MONDAL	ME		
34.	NAMAN KUMAR MONDAL	EE		
35.	UJJAL RAY	EE		
36.	SHREYA DAS	FT		
37.	TAPAS KUMAR NAYAK	FT		
38.	SURESH PAL	ME		
39.	SUBHRAJYIT PAL	ME		
40.	SAPTARSHI MALLICK	ME		

41.	RANIT KARMAKAR	ME	2022-23	
42.	SOHAM MANDAL	ME		
43.	ISHITA MUKHOPADHYAY	ME		
44.	SUBHAM GHOSH	ME		
45.	SUMAN GARAI	EE	2023-24	
46.	GOURAB BHOWAL	EE		
47.	GOURANGA DAS	EE		
48.	JITH DAS	EE		
49.	ARGHYA MONDAL	ME		
50.	ANUPAM DAS	ME		
51.	ARNAB PRAMANIK	ME		

2. Kanyashree:
3. Others, as per Govt. norms

Detail of students of GKCIET, Malda receiving different scholarships:

PROGRAMME	CATEGORY			
DIPLOMA & B.TECH.	GEN	OBC	SC	ST
	23	53	49	07

WEST BENGAL STUDENTS CREDIT CARD DATA				
PROGRAMME	CATEGORY			
	GEN	OBC	SC	ST
DIPLOMA	02	01	01	00
B.TECH.	10	14	11	01

- Number of scholarships offered by the Institution, duration and amount
Aikashree, Oasis, SVMCM, Samajik Suraksha Yogana, CM Relief Fund, Saksham (for disabled students), Pragati Scholarships for female students, Other Govt scholarships (e.g. BSF, Railways).
Scholarships are also offered by Private bodies (like Mahindra, Jindal)
- Criteria for fee waivers/scholarship
As per TFW rules of State Govt./Central Govt. Generally given to meritorious, financially backward students, having family income less than Rs. 2.5 lakhs per annum.
- Estimated cost of Boarding and Lodging in Hostels
Hostel accommodation is available in the campus. Please refer to https://www.gkci.ac.in/tution_fees > Hostel Fees to know more about our hostel and mess charges.

10. Admission

- Number of seats sanctioned with the year of approval

Program	Name of Departments	Intake Capacity (2018-2021)	Intake Capacity (2021-2022)	Intake Capacity (2022-23)	Intake Capacity (2023-24)	Duration in years
B. Tech.	Electrical Engineering	60	54	60	60	4
	Food Processing Technology	60	54	60	60	4
	Mechanical Engineering	60	54	60	60	4
	Civil & Environmental Engineering	-	-	-	60	
	Computer Science & Engineering (AI & ML)	-	-	-	60	

Diploma	Civil Engineering	60	54	60	60	3
	Computer Science & Technology	60	54	60	60	3
	Electrical Engineering	30	27	30	30	3
	Food Processing Technology	30	27	30	30	3
	Mechanical Engineering	30	27	30	30	3

- Seats available as per AICTE and affiliating University/Council for Lateral Entry

AICTE norms are followed. 10% of approved seats in each branch (supernumerary) + vacant seats after first year (if any).

- Number of Students admitted (as per admission data) under various categories each year in the last three years

Program	Name of the Department	2020-21	2021-22	JELET-22	2022-23	JELET-23	2023-24
B. Tech	Electrical Engineering	45	41	25	49	19	36
	Food Technology	41	27	25	27	34	18
	Mechanical Engineering	51	41	21	44	17	29
	Civil & Environmental Engineering	-	-	-	-	-	28
	Computer Science & Engineering (AI & ML)	-	-	-	-	-	58

Program	Name of the Department	2021-22	VOCLET-22	2022-23	VOCLET-23	2023-24
Diploma	Civil Engineering	35	3	27	3	22
	Computer Science & Technology	31	3	41	3	40
	Electrical Engineering	17	3	16	3	19
	Food Processing Technology	11	3	9	0	16
	Mechanical Engineering	16	4	15	6	12

- Number of applications received during last two years for admission under Management Quota and number admitted

Not Applicable

11. Admission Procedure

- Mention the admission test being followed, name and address of the Test Agency and its URL (website)

Diploma Programs	JEXPO/VOCLET under the West Bengal State Council of Technical & Vocational Education & Skill Development for the candidates of West Bengal (https://webscte.co.in)
	GKCIET Entrance Test (GET) for the candidates from other states excluding West Bengal (http://www.gkciyet.ac.in)
B. Tech Programs	WBJEE/JELET Board, West Bengal for the candidates of West Bengal (https://www.wbjeeb.in)
	JEE (Main) under JoSSA /CSAB for the candidates from other states excluding West Bengal (https://josaa.nic.in and https://csab.nic.in/)

- Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test)

Diploma Programs	80% of total seats for the candidates of West Bengal, admitting through JEXPO
	20% of total seats for the candidates from other states excluding West Bengal, admitting through GET entrance test
B. Tech Programs	50% of total seats for the candidates of West Bengal, admitting through WBJEE counseling
	25% of total seats for the candidates from states of North-East, admitting through JEE (Main)/JoSSA & CSAB Counseling
	25% of total seats for the candidates from other states excluding states of North-East and West Bengal, admitting through JEE (Main)/JoSSA & CSAB Counseling

- Calendar for admission against Management/vacant seats:
The institute started 3-year Diploma Programs and 4-year B. tech Programs from the session of 2018-19 affiliated to West Bengal State Council of Technical and Vocational Education and Skill Development, Kolkata and Maulana Abul Kalam Azad University of Technology, West Bengal. There is no Management Quota in the admission process of GKCIET, Malda. However, filling up of vacant seats is considered as per norms of AICTE and affiliating Council and University, respectively.
- Last date of request for applications
As per schedule of affiliating Council (WBSCT&VE&SD) and University (MAKAUT)/Entrance Board
- Last date of submission of applications
As per schedule of affiliating Council (WBSCT&VE&SD) and University (MAKAUT)/Entrance Board
- Dates for announcing final results
As per schedule of affiliating Council (WBSCT&VE&SD) and University (MAKAUT)/Entrance Board

- Release of admission list (main list and waiting list shall be announced on the same day)
As per schedule of affiliating Council (WBSCT&VE&SD) and University (MAKAUT)/Entrance Board
- Date for acceptance by the candidate (time given shall in no case be less than 15 days)
As per schedule of Entrance Board
- Last date for closing of admission
As per schedule of the concerned Entrance Board
- Starting of the Academic session
As per schedule of affiliating Council (WBSCT&VE&SD) and University (MAKAUT)
- The waiting list shall be activated only on the expiry of date of main list
As per schedule of Entrance Board, if any
- The policy of refund of the fee, in case of withdrawal, shall be clearly notified
As per rules

12. Criteria and Weightages for Admission

- Describe each criteria with its respective weightages i.e. Admission Test, marks in qualifying examination etc.
- Mention the minimum level of acceptance, if any
- Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years
- Display marks scored in Test etc. and in aggregate for all candidates who were admitted

Admission to all B. Tech programs is considered through WBJEE / JELET / JEE (Main). Accordingly, Institute follows the admission criteria of the respective boards.

Admission to all Diploma programs is considered through JEXPO/ VOCLET/ GET. Accordingly, Institute follows the admission criteria of the respective boards. In case of GET, institute follows the criteria of JEXPO.

13. List of Applicants

- List of candidate whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidates who have applied along with percentage and percentile score for Management quota seats

The respective entrance board allots candidates/students to any program of GKCIET, Malda with required percentile/percentage score of the candidates/students in qualifying and entrance examinations.

14. Results of Admission Under Management seats/Vacant seats

- Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)
- Score of the individual candidate admitted arranged in order of merit
- List of candidates who have been offered admission
- Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate
- List of the candidate who joined within the date, vacancy position in each category before operation of waiting list

There is no Management Quota in the admission process of GKCIET, Malda. However, filling up of vacant seats is considered as per norms of AICTE and affiliating Council and University,

15. Information of Infrastructure and Other Resources Available

The Institute has 4 Academic Blocks plus one Library Block where Library (two floors; Ground Floor: 470 sqm + First Floor: 430 sqm) and Computer Science & Engineering Department (Second Floor: 432 sqm) is located. Each engineering department has minimum 5 classrooms, one Tutorial Room and 6 Laboratory Rooms. The Institute also has one Drawing Hall (181 sqm), one Central Workshop and separate Faculty/Staffrooms included in its academic infrastructure.

- Number of Class Rooms and size of each
Adequate, Size: 74.31 sq.m each room
- Number of Tutorial rooms and size of each
Adequate, Size: 58.82 sq.m each room
- Number of Laboratories and size of each
Adequate, Size: 74.31 sq.m each room
- Number of Drawing Halls with capacity of each
Adequate, Size: 181 sq.m each room
- Number of Computer Centres with capacity of each
Available Computer Labs (Total Area Size: 432 sqm in Library Block + 74.31 Language Lab+ 74.31 sqm MATLAB). Total 120 computers in the computer lab at present.
- Central Examination Facility, Number of rooms and capacity of each
Examination Control Room, Strong Room and Examination Office
1 (60 sq. m.) +1 (29 sq.m.) and +1 (15 sq.m.)
- Barrier Free Built Environment for disabled and elderly persons
Ramps and lifts are available in each Academic Block and hostel.
- Occupancy Certificate
NoC from State Govt. /Land Used & Continuity Certificates
- Fire and Safety Certificate
Applied for by NBCC
- Hostel Facilities
Hostel accommodation (with mess facility) is available for male and female candidates. Both the hostel blocks are equipped with lifts/elevators. One hostel block has 156 rooms while another has 103 rooms. Each room may be allotted as single/double/triple occupancy.
- Library
 - Number of Library books/ Titles/ Journals available (program-wise)
No. of available books volumes: 20214
No. of available titles: 2623
No. of available printed journals: -
 - List of online National/ International Journals subscribed
No. of available online Journals: 5 (Institution of Engineers) + 61 (www.indianjournals.com)+ J Gate 6544

E- Library facilities: Available (10 systems in Library)

- **Laboratory and Workshop**

- List of Major Equipment/Facilities in each Laboratory/Workshop
- List of Experimental Setup in each Laboratory/Workshop

Dept of Civil Engineering

List of Major Equipment and Experimental Set-up

Survey Lab

Sr. No.	Name of Equipment	List of Experimental Set-up
1.	Chain (30m) (As per IS: 1492-1970)	<ul style="list-style-type: none"> • Chain and Compass traverse survey • Block contouring • Profile levelling survey • Plane table surveying
2.	Chain (Gunter)	
3.	Steel Arrows	
4.	Ranging Rods (3 meter 3 parts)	
5.	Optical Square Circular box with 3 slit	
6.	Prismatic Compass with Stand (150mm dia)	
7.	Plane Table with stand and accessories (Size: 600mm x 750mm x 21mm)	
8.	Wooden Hammer	
9.	Auto Level with tripod stand	
10.	Levelling Staff (Folding type, 4m long)	
11.	NIKON DTM 322 Total Station	
12.	Transit Theodolites	

Solid Mechanics Laboratory

Sr. No.	Name of Equipment	List of Experimental Set-up
1.	Universal Testing Machine	<ul style="list-style-type: none"> • Identifying the components of Universal Testing Machine • Tension test on mild steel/tor steel or deformed bars • Compression Test on Structural Materials: Timber, bricks and concrete cubes • Bending Test on Mild Steel • Torsion Test on Mild Steel
2.	Brinell-cum-Rockwell Hardness Tester	
3.	Tile Flexure Testing Machine	
4.	Tile Abrasion Testing Machine	
5.	Torsion Testing Machine	

Concrete Laboratory

Sr. No.	Name of Equipment	List of Experimental Set-up
1.	Vicat Apparatus	<ul style="list-style-type: none"> • Determination of maximum % of bulking of sand of a given sample • Determination of grading zone of a given sample • Determination of moisture content of a given sample of sand • Determination of specific gravity of sand • Determination of aggregate crushing value. • Determination of surface moisture and water absorption of a given sample of coarse aggregate • Determination of bulk density and void of coarse aggregate. • Determination of grading zone of a given sample of coarse aggregate • Determination of workability of concrete – a. slump test • Compressive strength of concrete – a. cylinder and b. cube mould • Determination of physical properties of bricks – a. size b. shape c. weight d. colour e. water absorption f. efflorescence test g. crushing strength test • Laying [1,3,5, ... & 2,4,6,...] to form <ul style="list-style-type: none"> a. English bond (1 brick and 1 and half brick thick) b. Flemish bond ((1 brick and 1 and half brick thick) including corner joint. • Laying of conventional brick to form a 200 mm thick wall; header and stretcher bond; connection between a main wall and partition & partition wall & partition wall • Compressive strength of hardened concrete by Rebound Hammer Test • Mix design of Concrete
2.	Analogue Compression Testing Machine	
3.	G.I. SIEVE set (45 cm dia): 80 mm, 75mm, 63mm, 53mm, 50mm, 45mm, 40mm, 37.5mm, 31.5mm, 26.5mm, 25 mm, 22mm, 20mm, 19mm, 16mm, 14mm, 13.2mm, 12.50mm, 11.20mm, 10mm, 9.50mm, 8.60mm, 8.00mm, 6.70mm, 6.0mm, 5.0mm, 4.75mm, 4.00mm, 3.35mm, 2.80mm, 2.36mm, 2.00mm, Pan and Lid	
4.	Brass SIEVE set (20 cm dia): 80 mm, 75mm, 63mm, 53mm, 50mm, 45mm, 40mm, 37.5mm, 31.5mm, 26.5mm, 25 mm, 22mm, 20mm, 19mm, 16mm, 14mm, 13.2mm, 12.50mm, 11.20mm, 10mm, 9.50mm, 8.60mm, 8.00mm, 6.70mm, 6.0mm, 5.0mm, 4.75mm, 4.00mm, 3.35mm, 2.80mm, 2.36mm, 1.18mm, 2.00mm, 0.600mm, 0.300mm, 0.075mm, Pan and cover	
5.	Cylindrical Metal Measures Capacity 3 ltr, 15ltrs, 30ltrs	
6.	Slump Test Apparatus	
7.	Concrete Test Hammer	
8.	Needle vibrator	
9.	Aggregate Crushing value apparatus	
10.	Cube mould (cast Iron) of size 70.6mm x 70.6 mm x 70.6 mm	

11.	Cube mould (cast Iron) of size 150mm x 150mm x 150mm	
12.	Electronics digital balance (20/30 kg)	
13.	Cylindrical mould	
14.	Analytical balance	
15.	G.I tray	
16.	Humidity Cabinet	
17.	Trowel	
18.	Le Chatelier's flask	
19.	Blains Air Permeability Apparatus	
20.	Le-Chatelier's apparatus for soundness test	
21.	Vernier Calipers	
22.	Wire brush	

Transportation and Highway Engineering Laboratory

Sr. No.	Name of Equipment	List of Experimental Set-up
1.	Aggregate Impact Test Apparatus	• Determination of aggregate impact value
2.	Density basket for water absorption	<ul style="list-style-type: none"> • Determination of aggregate crushing value. • Determination of flakiness index of a given sample of coarse aggregate • Determination of elongation index of a given sample of coarse aggregate • Determination of grade of bitumen sample • Determination of softening point of a bitumen sample • Determination of flush point of a bitumen sample • Determination of fire point of a bitumen sample • Determination of viscosity of bitumen • Determination of ductility value of bitumen sample • Determination of bitumen content in the bituminous mix • Determination of moisture content of aggregate
3.	Length Gauge (Elongation)	
4.	Thickness Gauge (Flakiness)	
5.	Ductility Testing Machine	
6.	Ring and Ball Apparatus Softening Points	
7.	Thermometer	
8.	Standard Tar Viscometer	
9.	Flash Point (Closed) Apparatus	
10.	Hot Air Oven	
11.	Aggregate crushing strength test Apparatus	
12.	Penetration test Apparatus	
13.	Bitumen content test Apparatus	
14.	CBR Testing Apparatus	
15.	Marshall Stability Testing Machine	

Soil Mechanics/Geotechnical Engineering Laboratory

Sr. No.	Name of Equipment	List of Experimental Set-up
1.	Speedy moisture tester (super quality)	<ul style="list-style-type: none"> • Determination of water content of given soil sample by oven drying method as per IS code • Determination of water content of given soil sample by speedy moisture meter. • Determination of Specific gravity of soil by pycnometer method. • Determination of Liquid limit of given soil sample as per IS code • Determination of Plastic limit of given soil sample as per IS code • Determination of Shrinkage limit of given soil sample as per IS code • Determination of grain size distribution of given soil sample by mechanical (Sieve analysis) method as per IS code • Determination of coefficient of permeability by constant head test. • Determination of coefficient of permeability by falling head method. • Determination of MDD & OMC by standard proctor test on given soil sample as per IS code. • Determination of shear strength of soil using unconfined compressive strength.
2.	Pycnometer	
3.	Test sieves brass frame As per IS : 460, w/o joint in frame, machine made, wire mesh. Sizes: 2mm, 600micron, 425micron, 212micron, 75micron & pan & lid <u>Set of Coarse Sieve comprising sizes:</u> 20mm, 10mm, 4.75mm & lid & pan of 300mm	
4.	Motorised Sieve Shaker	
5.	Atterberg (Liquid Limit) limit Device with counter	
6.	Plastic Limit Apparatus	
7.	Shrinkage Limit Apparatus	
8.	Standard Proctor Compaction mould	
9.	Modified Proctor compaction mould	
10.	Unconfined Compression Tester Proving ring type	
11.	Aluminium moisture container 2" x 1" 3" x 1" 4" x 1"	
12.	GI Tray Size 12" x 18" 18" x 24"	
13.	Glass plate 450 mmsq	
14.	Vacuum pump (Motorised)	
15.	Sliding wrench (10")	
16.	Measuring Cylinder "Borosil" 1000ml 500ml 250ml 100ml	
17.	Trowel	
18.	Polythene wash bottle (Squeeze Bottle)	
19.	Porcelain evaporating Dish	
20.	Electric Oven : Hot Air Oven Inner chamber size 24" x 24" x 36" Fitted with motorised air circulation system & inner chamber of stainless steel with digital controller cum indicator.	
21.	Desiccator plain. Plastic with transparent Top- 12"	
22.	Heater electric	

23.	Electronic Digital Balance cap. (200gm x 1 mg)	
24.	Digital direct reading type electronic digital balance	
25.	Hand operated Extractor	
26.	Permeability Apparatus (Constant Head & Falling Head)	
27.	Spatula	
28.	Volumetric flask	
29.	Graduated pipette	
30.	Vane Shear Test Apparatus	
31.	Core Cutter	

Hydraulics and Water Resources Lab

Sr. No.	Name of Equipment	List of Experimental Set-up
1.	Triangular and Rectangular Notch	<ul style="list-style-type: none"> • Discharge Measurements • Verification of Bernoulli's Theorem • Pressure Measurement
2.	Venturimeter	
3.	Orificemeter	
4.	Pitot Tube	
5.	Pressure Measurement Apparatus	

Civil Engineering Drawing

Sr. No.	Name of Equipment	List of Experimental Set-up
1.	Drawing Board	<ul style="list-style-type: none"> • Introduction, Planning of Buildings, Culverts, Steel connections, Steel roof truss etc.
2.	Drawing board stand	

Tinkering Lab

Sr. No.	Name of Equipment	List of Experimental Set-up
1.	10 numbers hp Computers	<ul style="list-style-type: none"> • Application of AutoCAD in Civil Engineering I Lab (Basic commands, Setting up a drawing, Developing drawing strategies, using layers to organize drawing, Using blocks and W blocking, Generating elevation, Working with hatch and fills, Dimensioning etc.) • Application of AutoCAD in Civil Engineering II (Building drawing in layers, RCC Detailing) • Civil Engineering Project I & II

Dept. of Computer Science & Engineering**List of Major Equipment in Laboratory**

Sl. No.	Laboratory Name	Equipment	Quantity	List of Experiments
1	Computer Lab 1 (PC MAINTENANCE LAB, COMPUTER FUNDAMENTALS LAB)	computer systems, Processor intel i3, 2 GB RAM, 500 GB HDD, Optical Drive, Windows OS, UPS, Switch, Internet facility	17	<ul style="list-style-type: none">• Word Processing, Spreadsheet, Presentation• Basics of Operating system Handling• Installing different components such as processor, Memory, storage NIC etc.• Basic troubleshooting
2	COMPUTER LAB-2 (PPS LAB, DATA STRUCTURE LAB, COMPUTER GRAPHICS LAB)	computer systems, Processor i5, 4 GB RAM, 1 TB HDD, Ubuntu OS, UPS, Switch, Internet facility	20	<ul style="list-style-type: none">• Programs to understand working of Stack, linked list, queue• Programs to understand working of tree data structure• Programs to understand working of different sorting and searching algorithms.• Programs to understand working of hashing.• Programs to understand different line drawing algorithms: DDA, Bresenham etc.• Programs to understand different Circle drawing algorithms: Mid-point, Bresenham etc• Programs to understand different 2D transformations: Translation, Rotation, Scaling, Reflection, Shear etc.• Programs to understand different Clipping algorithms.

3	COMPUTER LAB-3 (DBMS LAB, IMAGE PROCESSING LAB, WEB PAGE DEVELOPMENT LAB)	computer systems, Processor i5, 4 GB RAM, 1 TB HDD, Windows OS UPS, Switch, Internet facility	20	<ul style="list-style-type: none"> • Creating a database, creating table, manipulating table data • SQL, PL/SQL • Working with view, cursor, trigger • Creating web pages using HTML and CSS, managing web pages • Familiarizing with content management systems such as wordpress. • Programs to understand image resizing, type conversion • Programs to understand image addition and complement • Programs to understand image addition and complement • Programs to understand image addition and complement • Programs to understand image noise model • Programs to understand spatial Filtering • Programs to understand contrast stretching, Histogram manipulation
4	COMPUTER LAB-4 (OS LAB, COMPUTER NETWORK LAB, SYSTEM PROGRAMMING & COMPILER DESIGN LAB)	computer systems		<ul style="list-style-type: none"> • Installing OS, OS Commands • programming different phases of compilation • Setting up internet connection in a computer system. • Working with switch • Working with Network simulation tools such as Packet Tracer

Department of Electrical Engineering
List of Major Equipment in Laboratory

Sl. No.	Name of Equipment/Instrument	Quantity
1	Logic Training Board On Counter & Shift Register With P.S. Model No. LTB -811	1 No
2	Study Various Type Of Flip-Flop With Power Supply Model LTB 826	1 No
3	Free Running Multivibrator (Astable) With Power Supply Model- ETB 026	1 No
4	Monostable Multivibrator (Astable) With Power Supply Model- ETB 028	1 No
5	Semi-Conductor Diode Characteristics With Power Supply And Dual Range Meters, Model – ETB-086	1 No
6	Diode Zener Diode Characteristics With Power Supply And Two Dual Range Model – ETB 051	1 No
7	Comparative Study Of CE, CB & CC Amplifier With Power Model – ETB-115	1 No
8	FET Characteristics With Power Supply & 3 Meters Model ETB- 053	1 No
9	Two Stage P.C. Coupled Transistor Amplifier With Power Supply Model – ETB-081	1 No
10	Junction Diode Rectifier & Filter Characteristics With Power Supply And 2 MetersModel-ETB-081	1 No
11	Junction Diode Rectifier & Filter Characteristics With Power Supply And 2 MetersModel-ETB-081	1 No
12	Audio Amplifier With Power Supply Model – ETB-020	1 No
13	Transistor Feedback Amplifier With Power Supply And 1 Kh 20SC Model –ETB-056	1 No
14	F.E./T Amplifier With Power Supply Model – ETB- 041	1 No
15	Wein Bridge Audio Oscillators With Power Supply Model ETB-024	1 No
16	Phase shift Audio Oscillators With Power Supply Model ETB-024	1 No
17	R.F.(L-C) Oscillators (Hartley's Colpitts And Clapp's) With Power Supply Model – ETB -025	1 No
18	R.F. (L-C) Oscillators Hartley's Colpitts And Clapp's) With Power Supply Model – ETB -025	1 No
19	Study Of Unijunction Transistor (Ujt) With Power Supply And @ meters Model – ETB –073	1 No
20	Study of UJT & UJT Relaxation Oscillators With Power Supply Model – PET-041	1 No
21	MOS-FET Characteristics With Power Supply & 2 Meters Model ETB – 078	1 No
22	Characteristics Of Coms IC With Power Supply & 2 Digital Meter (C.R.) Model LTB – 866	1 No
23	UJT Firing Circuit of Scr With Power Supply Model PET -434	1 No
24	Resistance Oven	1 No
25	Vacuum Cleaner	1 No
26	Portable Drilling Machine 10 mm	1 No
27	Toaster	1 No
28	Voltage Stabilizer	1 No
29	Manual Coin Winding Machine Make Micrimet Controls	1 No
30	Taps & Dies Complete Set In A Box With Worth(Make Smith) Model -	3 Sets
31	Insulation Tester (Meggar) Hand Driven Generator Type Model 500 Volt 0-100 M Ohms (Make CIE)	2 Nos
32	Insulation Tester (Meggar) 1000 Volt 0 – 100 M Ohms (Make CIE)	2 Nos
33	Insulation Tester (Meggar) 2500 Volt 0 – 100 M Ohms (Make CIE)	2 Nos
34	Electronics KWH Meter Single Phase (Make cabs Electra) Model CESP- 20/30	6 Nos
35	Electronics KWH Meter Three Phase (Make cabs Electra) Model CE-SP- 40	2 Nos
36	Variable Inductor (Make-Omega) Model- 108-AS	2 Nos
37	Fixed Value Resistor (Make Omega) Model FR- 105	4 Nos
38	Digital LCR Meter (Make- Met Ravi) Model – 4070/4070D	2 Nos

39	Oil Testing Kit 60 kv (Make Electro- Tech) Model ET4050MN	1 Set
40	4 Digit, 250 Volt/500M Ohms, 1000v/2g Ohms Av Voltage Measuring Facility (Make-Met Ravi) Model – DIT-910	1 set
41	Electronics Energy Meter (Make Cabs Electra) Model-CE-SP 20/30	3 Nos
42	Standard Wire Gauge Metric (Make-Standard)	2 SetEach
43	Decade Condenser Boz (Four Dials) 0.001 To 11.11 Mf 40 Steps Model –Dc-150 FL	4 Nos
44	Fixed Inductor 100 mh 60 Ma Air Core (Make- Omega) Model- 501-L	4 Nos
45	Decode Resistor Box (Six Dials) 10h Ohm To 11.11.10 Ohms 60 Steps (Make:- Omega) Model- DRBC – 1151	4 Nos
46	Insulation Tester (Make- CIE) Model CIE/777	2 Nos
47	Flux Meter (Make-Met Ravi) Model No. EMF-822A/823	2 Nos
48	Tong Tester Digital AC/DC Clamp (Meter Met Ravi) Model No. DT 6250	1 Nos
49	Measurement Of Low Resistance By Industrial Kelvin's Double Bridge (Make Omega)Model –ES-325	1 Nos
50	DC Regulated Powers Supply A) Single Output With Backlight With LCD Display OfVariable 0-30v 0-2 A DC Model No. RPS-3020	12 Nos
51	Digital Frequency Meter (Make –Met Ravi) Model CE 500 F	2 Nos
52	Light Duty Drill (Hand Operated) Make – Roll Wolf Model- EJ3C	1 Nos
53	Measurement Of Induction & Capacitance By Mazwell LC Bridge Model- ETB-135, ETB- 230	1 Nos
54	Measurement Of Unknown Capacitance By Schering Bridge Model-ETB-229	1 Nos
55	Single Phase Auto Transformer (Vagit) make- Make –Osaw	4amp- 2nos 8amp 2nos 10ams-2 nos
56	Wire Wound Rheostat A.10 Ω 20 Amp. B.20 Ω 20 Amp. C.100 Ω 1 Amp. D. 500 Ω 0.5 Amp. E. 100 Ω 0.25 Amp.	24 Nos
57	Battery Charger Model – 10a Make Mahesh	1 Nos
58	Digital Multi Meter Feajures Make : Futures, Make – Falcon,Model – DMM 10	8 Nos
59	20 Mhz Dual Trace Ana20g Oscilloscope	6 Nos
60	10 Mhz Function Generator with T.T. L/Coms Output	6 Nos
61	20 Mhz Dual Trace Ana20g Oscilloscope	6 Nos
62	10 Mhz Function Generator with T.T. L/Coms Output	3 set
63	Measurement of Displacement Using Lvdt	3 Set
64	Measurement of temperature Using Thermocouple Model TT- TCT	3 Set
65	Continuously Variable Voltage Source Input 230V 50hz Output Dc Volt 0-250v Current 10 amp	3 Set
66	Single phase Transformer 1 kva(Air Colled)	3 Nos
67	Single Phase Transformer 3 kva (Air Colled)	2 Nos
68	Bench Top- Lcr Q Meter Features	2 Nos
69	Digital Cable Locator And Combines with Cable Fault Locator	1 Set

70	Watt Meters 2/3 Elements $\frac{3}{4}$ Wire 3 Phase	1 No
71	Trainer kit Determination Of Parameter Of Two Port Network With All Necessary Meters & Manual	5 Nos
72	Analog And Digital Bread Board Trainer	10 Nos
73	DC Power Supply	4 Nos
74	3 $\frac{3}{4}$ Digital Multi Meter	12 Nos
75	100 Mhz 1 Gs/s with FFT Colour Digital Storage Oscilloscope	02 Nos
76	10 mhz Fun Nilon Generator With TTL/COMS Output	5 Nos
77	40 Mhz JCB, Arbitrary Wave From Generator	1 No
78	Digital IC Trainer	10 Nos
79	Analog And Digital & Digital To Analog Convertor Training	2 Nos
80	OP-Amp Trainer	1 Nos
81	Transistor Applications Trainer	2 Nos
82	Transistor Applications Trainer	3 Nos
83	Power Electronics Trainer	1 No
84	AC Moving Coil Rectifier Education Desk Stands Meters, Make Me Cu, Model – CR100 Moving iron Ammeters (portable- A) 0/500 MA Make- MECO A) 0-500 Ma B) 0-1 Amp AC C) 0-5 Amp AC D) 0-15 Amp AC	6 sets
85	Clam On Earth Ground Resistance & Leakage Current Tester	2 Nos
86	3-1/2 Digit Panel Meter (48X96) A) Range 11p:± 199.9 MA DC, Scale Display:	2 Nos
87	W. Range 1/P:±199.9 Ma DC Scale Display: 0-199 Ama DC: Accuracy: 230 V AC+1-10.@50 Hz	2 Nos
88	W. Range 1/P:±199.9 Ma DC Scale Display: 0-199 Ama DC: Accuracy: 230 V AC+1-10.@50 Hz	2 Nos
89	W. Range 1/P:±199.9 Ma DC Scale Display: 0-199 Ama DC: Accuracy: 230 V AC+1-10.@50 Hz	2 Nos
90	W. Range 1/P:±199.9 Ma DC Scale Display: 0-199 Ama DC: Accuracy: 230 V AC+1-10.@50 Hz	2 Nos
91	3-1/2 Digit Digital panel Meter (48X96)A) B)C)D)E)	2 Nos
92	3-1/2 Digit panel Meter (48X96) A) B)C)D)E)	2 Nos
93	A)Range 11P:±199.9 Ma DC, Scale Display: 0-199Ma. DC: Accuracy: 230 V AC+1-10.@50 Hz	2 Nos
94	B)Range 11P:±199.9 Ma DC, Scale Display: 0-199Ma. DC: Accuracy: 230 V AC+1-10.@50 Hz	2 Nos
95	C)Range 11P:±199.9 Ma DC, Scale Display: 0-199Ma. DC: Accuracy: 230 V AC+1-10.@50 Hz	2 Nos
96	D)Range 11P:±199.9 Ma DC, Scale Display: 0-199Ma. DC: Accuracy: 230 V AC+1-10.@50 Hz	2 Nos
97	E)Range 11P:±199.9 Ma DC, Scale Display: 0-199Ma. DC: Accuracy: 230 V AC+1-10.@50 Hz	2 Nos
98	3-1/2 Digit Panel Meter (48X96) F) Range 11P:±199.9 Ma DC, Scale Display: 0-199Ma. DC: Accuracy: 230 V AC+1-10.@50. G) 3-1/2 Digit Panel Meter (48X96) F) Range 11P:±199.9 Ma DC,	10 Nos

	Scale Display: 0-199Ma. DC Accuracy: 230 V AC+1-10.@50. H) 3-1/2 Digit Panel Meter (48X96) F) Range 11P:±199.9 Ma DC, Scale Display: 0-199Ma. DC: Accuracy: 230 V AC+1-10.@50. I) 3-1/2 Digit Panel Meter (48X96) F) Range 11P:±199.9 Ma DC, Scale Display: 0-199Ma. DC: Accuracy: 230 V AC+1-10.@50. J) 3-1/2 Digit Panel Meter (48X96) F) Range 11P:±199.9 Ma DC, Scale Display: 0-199Ma. DC: Accuracy: 230 V AC+1-10.@50.	
99	Techno Meter With Stop Watch, make:- 12 Model L230	2 Nos
100	30 Mhz Dual Trace Analog Oscilloscope, make-Falcon, Model-Os30	5 Nos
101	Study Kit Showing Different Constructional of 3q Induction Motor Model 1004.	1 Set
102	Identification of The Different Winding of 3q induction Motor With Phase Sequence Model- 1094	1 Set
103	Trainer Kit For Study of A.C. Motor Winding Manual Make-Micro Controls	1 Set
104	Trainer Kit Study Of Consequence Of Single Phasing With Single Phasing Preventer Make Micro Controls	1 Set
105	Trainer Kit For Earth leakage Circuit Breaker Make –Micro Controls	1 Set
106	Trainer Kit For Connection Of 3q Induration Motor With Dol Starter Delta Starter, Make –Micro Control Model – 1004, 1073 & 1039	1 Set
107	Trainer Kit For Study Sodium Vapor Lamp, Make-NIC	1 Set
108	30 Mhz Dual Channel Analog Oscilloscope, Make-Falcon, Model – Os30	1 Set
109	Ac Fundamental Training Board I)RIC Circuit, Model-AI-RLC	6 Nos
110	Murray Loop Test Bridge For Cable Fault, Make-Techno Instrumentation, Model-T-1501	2 sets
111	Trainer Kit For Transient Resonance Of RC With ALL Necessary Meters And Monocle,Make –VPL info Tech Consultants Model-LRLC	5 Nos
112	Trainer Kit For Determination Of Frequency Of LP & HP Filter , Make-VPL info Tech Consultant Model-ALF	5 Nos
113	Trainer Kit For Determination Of frequency Responde Of BP & Br Filters, make-VPL InfoTech And Consultant, Model – Albft	5 Nos
114	To Study The Operation Of Inverting, Operational, Amplifier, Complete with Power Supply And Manual –VPL Info Tech Consultant, Model – Alaptop	5 Nos
115	To Study The Operation Of Weighted, Summer Using Of Pumps, Make-InfoTech & Consultant, Model-AL-Atop	5 Nos
116	To Study The Operation of Inverting Inrigrator Using Op Amps, Make-VPL-InfoTech & Consultant, Model- AL-Atop	5 Nos
117	Mercury Vapour lamp	1 Set
118	DC Voltage Source	2 Nos
119	Compact Fluorescent Lamp	1 Set
120	Speed Control of DC Motor	1 Set
121	Study of Equivalent Circuit of Three Phase Squirrel Cage Induction motor No-load and Blocked Rotot Test	1Set
122	Load test on single phase induction motor	1Set
123	Study of the performance of wound induction motor under load	1Set
124	Z P F Test & potier Reactance Determination of a Single phase induction motor	1Set
125	Ch- DC Compound Generator	1 Set
126	Determination of Equivalent Circuit of a single phase induction motor	1 Set

127	Load test of DC Component motor	1 Set
128	Determination of break down strength of solid instrument material	1 Set
129	Test on over current relay	1 Set
130	Directional over current relay	1 Set
131	Over current time relay	1 Set
132	8085 microprocessor kit	6 Set
133	Universal programmer	2 Set
134	Zero crossing Dector	3Nos
135	Peak dector	3Nos
136	DC Power Supply	4Nos
137	Generalized Constant A B C D of a long Transmit line	1Set
138	Computer setup for Control System Lab(30 Number for Control System Lab and 05 no. for others Lab)	35 set
139	MATLAB Software for 35 users	35 users
140	ETAP Software	10 user
141	LED Street light/lamp set	1 set
142	SPV Module	2 nos
143	UPS Solar	1 no
144	Solar chage controller (CCR)	1 no
145	Battery lead Acide	1 no
146	Arduino 2560 MEGA	1 no
147	Computer set for (ETAP Software to setup Power system lab)	10 nos
148	Demonstration of three phase transformer connections. Voltage and current relationship, phase shifts between the primary and secondary side	01 set
149	Demonstration of components of LT switch	01 set
150	Frequency meter, Phase Sequence meter ,power factor meter	01 set
151	Measurement of speed of DC series motor as a function of load torque	01 set
152	V/F control of 3 phase induction motor	01 set
153	Study of the characteristics of on- delay relay and off delay relay	01 set
154	Tuning of p, pi and pid controller for first order plant with dead time using z-n method. Process parameters (time constant and delay/lag) will be provided. The gain of the controller to be computed by using z-n method. Steady state and transient performance of the closed loop plant to be noted with and without steady disturbances. The theoretical phase margin and gain margin to be calculated manually for each gain setting	01 set
155	To measure Low resistance by Kelvin's Double Bridge	01 set
156	To study the principle of operation and connection of pilot devices like – Push Button Switch, Limit Switch, Selector switch, Pressure switch, Float switch	01 set
157	To demonstrate various system faults by D.C. network analyser	01 set
158	To measure Solar Radiation with the help of Pyranometer	01 set
159	To perform speed control of DC series motor using SCR	01 set
160	To perform speed control of 3-phase Induction motor using PWM inverter. Interpret speed-torque characteristics. Use variable voltage variable frequency drive.	01 set
161	To study the operation and circuit diagram of Uninterrupted Power supply unit	01 set
162	Operation of a stepper motor with a fixed number of steps and to determine the angular displacement per step by measuring the total angular rotation	01 set
163	To study of the principle of Induction Heating using an induction heater	01 set
164	To make & test the control circuit for dynamic braking operation of induction motor using contactor contro	01 set
165	Kit type demonstration of induction motor dynamic breaking	01 set
166	Adriano microcontrollers	10 set
167	study of the characteristics of an SCR	01 set

168	Study of the characteristics of a TRIAC	01 set
169	To Plot characteristics of potentiometer and observe the loading effect on output of potentiometer	01 set
170	To study open loop control of any physical control system and study of closed loop control of the same system using P, PI and PID controller	01 set
171	To study the position control system using servomotor	01 set
172	To study fully controlled full wave rectifier using SCR	01 set
173	To determine Illumination of a surface for a Drawing Room by means of lux meter	01 set
174	To make & amp test the control circuit operation of automatic star-delta	01 set
175	Pic microcontroller	10 set
176	Calibration of ammeter and wattmeter	01 set
177	Solar street lighting system	01 set
178	Kelvin double bridge	01 set

List of Experiments as per MAKAUT syllabus

Basic Electrical Engineering Laboratory

1. First activity: Introduction to basic safety precautions and mentioning of the do's and Don'ts. Noting down list of experiments to be performed, and instruction for writing the laboratory reports by the students. Group formation. Students are to be informed about the modalities of evaluation.
2. Introduction and uses of following instruments : (a) Voltmeter (b) Ammeter (c) Multimeter (d) Oscilloscope Demonstration of real life resistors, capacitors with color code , inductors and autotransformer.
3. Demonstration of cut-out sections of machines: DC machine, Induction machine, Synchronous machine and single phase induction machine.
4. Calibration of ammeter and Wattmeter.
5. Determination of steady state and transient response of R-L, R-C and R-L-C circuit to a step change in voltage.
6. Determination of steady state response of R-L and R-C and R-L-C circuit and calculation of impedance and power factor.
7. Determination of resonance frequency and quality factor of series and parallel R-L-C circuit.
8. (a) Open circuit and short circuit test of a single-phase transformer (b) Load test of the transformer and determination of efficiency and regulation
9. Determination of Torque speed characteristics and observation of direction reversal by change of phase sequence of connection of Induction motor.
10. Determination of operating characteristics of Synchronous generator.

Analog& Digital Electronic circuit

1. Study of Ripple and Regulation characteristics of full wave rectifier with and without capacitor filter.
2. Study of Zener diode as voltage regulator.
3. Construction of two stage R-C coupled amplifier & study of its gain and Bandwidth.
4. Study of class A, C & Push pull amplifier.

5. Realization V-I & I-V converter using Operational Amplifier.
6. Study of timer circuit using NE 555 and configuration of Monostable and Astable Multivibrator.
7. Study of DAC & ADC 8. Realization of basic gates using Universal logic gates.
8. Realization of RS-JK & D flip-flop using logic gates.
9. Design of Combinational circuit for BCD to decimal conversion to drive 7-segment display using Multiplexer.
10. Realization of Synchronous Up/Down counter.
11. Construction of simple Decoder & Multiplexer circuits using logic gates.
12. Construction of adder circuit using Shift register & Full adder

ELECTRIC CIRCUIT THEORY LABORATORY

1. Transient response of R-L and R-C network: simulation with PSPICE /Hardware
2. Transient response of R-L-C series and parallel circuit: Simulation with PSPICE/ Hardware
3. Determination of Impedance (Z) and Admittance (Y) parameter of two port network: Simulation / Hardware.
4. Frequency response of LP and HP filters: Simulation / Hardware.
5. Frequency response of BP and BR filters: Simulation /Hardware.
6. Generation of Periodic, Exponential, Sinusoidal, Damped Sinusoidal, Step, Impulse, Ramp signal using MATLAB in both discrete and analog form.
7. Determination of Laplace transform and Inverse Laplace transform using MATLAB.
8. Amplitude and Phase spectrum analysis of different signals using MATLAB.

ELECTRIC MACHINE LABORATORY-I

1. Study of the characteristics of a DC motor
2. Study of methods of speed control of DC motor
3. Study of the characteristics of a compound DC generator (short shunt).
4. Study of equivalent circuit of a single phase transformer.
5. Polarity test on a single phase transformer & study of different connections of three phase transformer.
6. Study of equivalent circuit of three phase Induction motor by no load and blocked rotor test.
7. Study of performance of wound rotor Induction motor under load.

ELECTRIC AND ELECTRONIC MEASUREMENT LABORATORY

1. Instrument workshop- Observe the construction of PMMC, Dynamometer, Electrothermal and Rectifier type of instruments, Oscilloscope and Digital multimeter.
2. Calibrate AC energy meter.
3. Measurement of resistance using Kelvin double bridge.
4. Measurement of power in Polyphase circuits.
5. Measurement of frequency by Wien Bridge.
6. Measurement of Inductance by Anderson bridge
7. Measurement of capacitance by De Sauty Bridge.
8. Measurement of capacitance by Schering Bridge.

ELECTRIC MACHINES-II LABORATORY

1. Different methods of starting of a 3 phase Cage Induction Motor & their comparison [DOL, Auto transformer & Star-Delta]
2. Speed control of 3 phase squirrel cage induction motor by different methods & their comparison [voltage control & frequency control].
3. Determination of regulation of Synchronous machine by a. Potier reactance method. b. Synchronous Impedance method.
4. Determination of equivalent circuit parameters of a single phase Induction motor.
5. Load test on single phase Induction motor to obtain the performance characteristics.
6. Load test on wound rotor Induction motor to obtain the performance characteristics.

7. To make connection diagram to full pitch & fractional slot winding of 18 slot squirrel cage Induction motor for 6 poles & 4 pole operation.
8. To study the performance of Induction generator.

POWER SYSTEM-I LABORATORY

1. Determination of the generalized constants A,B, C, D of long transmission line.
2. Measurement of earth resistance by earth tester.
3. Dielectric strength test of insulating oil.
4. Determination of breakdown strength of solid insulating material.

CONTROL SYSTEM-I LABORATORY

1. Familiarization with MAT-Lab control system tool box, MAT-Lab- Simulink tool box & PSPICE
2. Determination of Step response for first order & Second order system with unity feedback on CRO & calculation of control system specification like Time constant, % peak overshoot, settling time etc. from the response.
3. Simulation of Step response & Impulse response for type-0, type-1 & Type-2 system with unity feedback using MATLAB & PSPICE.
4. Determination of Root locus, Bode plot, Nyquist plot using MATLAB control system tool box for 2nd order system & determination of different control system specification from the plot.
5. Determination of PI, PD and PID controller action of first order simulated process.
6. Determination of approximate transfer functions experimentally from Bode plot.
7. Evaluation of steady state error, setting time , percentage peak overshoot, gain margin, phase margin with addition of Lead

MICROPROCESSOR & MICROCONTROLLER LABORATORY

1. Familiarization with 8085 register level architecture and trainer kit components including the memory map. Familiarization with process of storing and viewing the contents of memory as well as registers.
2. (a) Study of prewritten program on trainer kit using the basic instruction set (data transfer, load/store, arithmetic, logical) (b) Assignment based on that.
3. (a) Familiarization with 8085 simulator on PC (b) Study of prewritten program using basic instruction set (data transfer, load/store, arithmetic, logical). (c) Assignment based on that.
4. Programming using kit/simulator. (a) Lookup table (b) Copying a block of memory (c) Shifting a block of memory. (d) Packing and unpacking of BCD numbers.(e) Addition of BCD number (f) Binary to ASCII conversion (g) String matching
5. Program using subroutine calls and using IN/OUT instruction using 8255 PPI on the trainer kit e.g. subroutine for delay, reading switch state and glowing LEDs accordingly, finding out frequency of pulse train etc.
6. Interfacing any 8 bit latch (74LS373) with trainer kit as a peripheral mapped output port with absolute address decoding.
7. Interfacing with I/O module : (a) ADC (b) Speed control of DC motor with DAC (c) Keyboard (d) Multi digit display with multiplexing. (e) Stepper motor
8. Study of 8031/8051 Micro controller kit and writing program for the following task using the kit (a) table look up (b) basic arithmetic and logical operation (c) interfacing of keyboard and stepper motor.

CONTROL SYSTEM-II LABORATORY

1. Study of a practical position control system obtaining closed step responses for gain setting corresponding to over-damped and under-damped responses. Determination of rise time and peak time using individualized components by simulation. Determination of un-damped natural frequency and damping ratio from experimental data.
2. Tuning of P, PI and PID controller for first order plant with dead time using Z-N method. Process parameters (time constant and delay/lag) will be provided. The gain of the controller to be computed by using Z-N method. Steady state and transient performance of the closed loop plant to

be noted with and without steady disturbances. The theoretical phase margin and gain margin to be calculated manually for each gain setting.

3. Design of Lead, Lag and Lead-Lag compensation circuit for the given plant transfer function. Analyze step response of the system by simulation.
4. Obtain Transfer Function of a given system from State Variable model and vice versa. State variable analysis of a physical system - obtain step response for the system by simulation.
5. State variable analysis using simulation tools. To obtain step response and initial condition response for a single input, two-output system in SV form by simulation.
6. Performance analysis of a discrete time system using simulation tools. Study of closed response of a continuous system with a digital controller and sample and hold circuit by simulation.
7. Study of the effects of nonlinearity in a feedback controlled system using time response. Determination of step response with a limiter nonlinearity introduced into the forward path of 2nd order unity feedback control systems. The open loop plant will have one pole at the origin and other pole will be in LHP or RHP. To verify that (i) with open loop stable pole, the response is slowed down for larger amplitude input (ii) for unstable plant, the closed loop system may become oscillatory with large input amplitude by simulation
8. Study of effect of nonlinearity in a feedback controlled system using phase plane plots. Determination of phase plane trajectory and possibility of limit cycle of common nonlinearities.

POWER SYSTEM-II LABORATORY

1. Study of the characteristics of on delay relay and off delay relay.
2. Test to find out characteristics of (a) under voltage relay (b) earth fault relay.
3. Study on AC load flow using Gauss-seidel method
4. Study on AC load flow using Newton Raphson method.
5. Study on Economic load dispatch.
6. Study of different transformer protection schemes by simulation.
7. Study of different generator protection schemes by simulation.
8. Study of different motor protection schemes by simulation.
9. Study of different characteristics of over current relay.
10. Study of different protection scheme for feeder.

POWER ELECTRONICS LABORATORY

1. Study of the characteristics of an SCR.
2. Study of firing circuits suitable for triggering SCR in a single phase full controlled bridge.
3. Study of the operation of a single phase full controlled bridge converter with R and R-L load.
4. Study of performance of single phase controlled converter with and without source inductance (simulation)
5. Study of performance of step up and step down chopper with MOSFET, IGBT and GTO as switch (simulation).
6. Study of performance of single phase half controlled symmetrical and asymmetrical bridge converter.(simulation)
7. Study of performance of three phase controlled converter with R & R-L load. (simulation)
8. Study of performance of PWM bridge inverter using MOSFET as switch with R and R-L load.
9. Study of performance of three phase AC controller with R and R-L load (simulation)
10. Study of performance of a Dual converter. (simulation) 15. Study of performance of a Cycloconverter (simulation)

Department of Food Technology

List of Major Equipment in Laboratory

NAME OF THE LAB	LIST OF MAJOR EQUIPMENT	LIST OF EXPERIMENTAL SET UP
<ul style="list-style-type: none">• Food Chemistry Laboratory• Food Analysis & Quality Control Laboratory	<ul style="list-style-type: none">• Hot air oven,• Analytical balance• KEL plus (Protein Digestion Unit)• Muffle Furnace• Soxhlet Apparatus• Titration unit• Thin Layer Chromatography• UV Spectrophotometer• Electronic Milko Tester• Gerber Centrifuge Machine• Light Duty Liquid Mixture• Necessary glass ware• Necessary chemicals• Fiber Estimation System etc.	<ul style="list-style-type: none">• Determination of Moisture in food sample.• Determination of Protein in food sample.• Determination of Ash in food sample.• Determination of Crude Fat in food sample.• Determination of Acidity and pH in food sample/beverages.• Determination of total, non-reducing and reducing sugar.• Analysis of jam.• Analysis of milk and milk product.• Determination of adulterants of milk and milk product.• Estimation of Fat percentage, Acidity, pH, Alcohol test, COB test of Milk sample.• Determination of TSS, pH and acidity of fruit juice.• Analysis of wheat flour, bread, biscuits.• Estimation of Iodine value, Saponification value, Acid value, RM value, Peroxide value.• Determination of BOD and COD of a sample of waste water.• Separation of sugar /amino acids by Thin Layer Chromatography.• Study of an enzymatic reaction.• Determination of Pigments in food sample.• Determination of iron, zinc, calcium & tin in food sample.• Determination of gluten strength and gluten quality.• Determination of Sedimentation value of wheat flour.• Determination of moisture and ash content, alcoholic acidity

		<ul style="list-style-type: none"> of wheat flour To estimation the fiber of different food sample etc.
<ul style="list-style-type: none"> Food Microbiology Laboratory 	<ul style="list-style-type: none"> Compound Microscope Laminar air flow Autoclave UV Spectrophotometer Colony Counter Water bath Bunsen burner Hot plate Glass slide Fumigator Necessary glass ware Necessary chemicals etc. 	<ul style="list-style-type: none"> Study of compound microscope. Gram Staining and Study of morphology of bacteria cells. Study of Autoclave. Preparation and sterilization of nutrient broth and agar. Sub-culturing of a bacterial strain in liquid and solid medium. Study of growth of E. Coli by a spectrophotometer. Study of microbiological quality of milk by MBRT test. Preparation of synthetic medium for yeast and mould. Fermented dairy products Preparation of baker's yeast and enzyme etc.
<ul style="list-style-type: none"> Food processing lab 	<ul style="list-style-type: none"> Platform Balance Analytical balance Induction Oven Microwave Oven Hot air drier Refractometer Bottle Cap Tightening Machine Hand Sealing Machine Gas Oven Refrigerator Necessary utensil Necessary glass ware Necessary chemicals etc. 	<ul style="list-style-type: none"> Preparation of orange squash. Preparation of jam. Preparation of jelly. Preparation of tomato ketchup. Preparation of pickle. Preparation of dried carrot. Preparation of canned peas. Preparation of dry onion, chilli, garlic. Preparation of bread, cake, biscuit, cookies, pastry. Preparation of ice cream, rasogolla Preparation of sponge cake. Preparation of candied fruits etc.
<ul style="list-style-type: none"> Food Engineering Laboratory Unit Operation Lab 	<ul style="list-style-type: none"> Water Distillation Apparatus BOD Incubator Melting Point Apparatus Digital Moisture Meter Viscometer Water Bath Ball Mill Electronic Centrifuge Machine Micro Filtration Unit Drier Water Activity Meter etc. 	<ul style="list-style-type: none"> To study the working characteristics of ball mill. To study of filtration and centrifugation. To study drying kinetics. To study viscosity of liquid and semi liquid food. To study mass transfer in food material To study the water activity of different food sample

Department of Mechanical Engineering

A. List of Available Laboratories and Workshops

1.	Automobile Lab.
2.	Refrigeration & Air Conditioning Lab.
3.	Thermodynamics & Thermal Engineering Lab.
4.	Heat & Mass Transfer Lab.
5.	Applied Mechanics Lab.
6.	Machine Elements Lab.
7.	Dynamics Lab.
8.	Fluid Mechanics & Hydraulics Lab.
9.	Strength of Materials Lab.
10.	Computational Lab/ CAD & CAM
11.	Machine Shop
12.	Fittings & Carpentry Shop
13.	Advanced Carpentry Shop
14.	Welding Shop
15.	Smithy & Forging Shop
16.	Metal Sheet Working Shop
17.	Foundry Shop
18.	Metrology & Measurement Lab

B. List of Equipment/Instrument Lab-Wise

1. AUTOMOBILE LAB.

Sl. No.	Available Equipment/Items	Quantity
1.	A Model for Mechanical Linkage Type Steering	01 No
2.	A Model for Power Steering	01 No
3.	A Model for Differential Unit	01 No
4.	A Model for Suspension System	01 No
5.	A Model for Hydraulic Brake Systems	01 No
6.	Exhaust Gas Analyzer	01 No

2. REFRIGERATION & AIR CONDITIONING LAB.

Sl. No.	Available Equipment/Items	Quantity
1.	Air Conditioning Test Rig	01 No
2.	Window A. C. Test Rig	01 No
3.	Water Cooler Test Rig	01 No
4.	Ice Plant Test Rig	01 No
5.	RAC Control (Model-MISC)	01 No
6.	Refrigeration Test Rig	01 No
7.	Hemispherical Cut-Section of Compressor	01 No

3. THERMODYNAMICS & THERMAL ENGINEERING LAB.

Sl. No.	Available Equipment	Quantity
1.	Single Cylinder 4-Stroke Petrol Engine Test Rig	01 No
2.	4-Cylinder 4- Stroke Petrol Engine Test Rig attached with a Hydraulic Break Dynamometer and Digital Load Indicator	01 No
3.	Model and Chart for Babcock & Wilcox Boiler	01 No
4.	Model and Chart for Cochran Boiler	01 No
5.	Model and Chart for Lancashire Boiler	01 No
6.	Model and Chart for Loeffler Boiler.	01 No
7.	Two Stage Reciprocating Air Compressor Test Rig.	01 No

4. HEAT & MASS TRANSFER LAB.

Sl. No.	Available Equipment	Quantity
1.	Measuring Thermal Conductivity of Metal Rod	01 No
2.	Heat Transfer Phenomena in Natural Convection	01 No
3.	Heat Transfer Phenomena in Forced Convection	01 No
4.	Shell & Tube Heat Exchanger Apparatus	01 No
5.	Emissivity Measuring Apparatus	01 No
6.	Heat Transfer through a Pin Fin	01 No
7.	Stefan Boltzmann's Apparatus	01 No

5. APPLIED MECHANICS LAB.

Sl. No.	Available Equipment/Items	Quantity
1.	Universal Force Table	03 Nos
2.	Jib Crane Apparatus	02 Nos
3.	Parallel Forces Apparatus: Overhang Beam Type	03 Nos
4.	Inclined Plane Apparatus	02 Nos
5.	Differential Pulley Block (Model)	01 No

6. MACHINE ELEMENTS LAB.

Sl. No.	Available Equipment	Quantity
1.	Simple Gear Train Mechanism	01 No
2.	Compound Gear Train Mechanism	01 No
3.	Wheel and Differential Axle - 30cm (Without weight)	01 No
4.	Screw Jack	01 No
5.	Worm & Worm Wheel	01 No
6.	Winch Crab	01 + 01 Nos

7. DYNAMICS LAB.

Sl. No.	Available Equipment	Quantity
1.	Cam Analysis Apparatus	01 No
2.	Motorized Epicyclic Gear Train Apparatus	01 No
3.	Static & Dynamic Balancing Apparatus	01 No
4.	Motorized Gyroscope Test Rig	01 No
5.	Universal Governor Apparatus	01 No
6.	Universal Vibration Apparatus	01 No

8. FLUID MECHANICS & HYDRAULICS LAB.

Sl. No.	Available Equipment	Quantity
1.	Closed Circuit Venturimeter Test Rig	01 No
2.	Closed Circuit Pipe Friction Apparatus	01 No
3.	Closed Circuit Pitot Tube Apparatus	01 No
4.	Pelton Turbine Test Rig	01 No
5.	Closed Circuit Single Stage Multispeed Centrifugal Pump Test Rig	01 No
6.	Closed Circuit Reciprocating Pump Test Rig	01 No

9. STRENGTH OF MATERIALS LAB.

Sl. No.	Available Equipment	Quantity
1.	Izol & Charpy Impact Testing Machine	01 No
2.	Brinell Hardness Testing M/c	01 No
3.	Strain Gauge Trainer Kit	01 No

10. COMPUTATIONAL LAB./ CAD & CAM

Sl. No.	Available Equipment	Quantity
1.	Computers	15 Nos
2.	Projector	1 No

11. MACHINE SHOP

Sl. No.	Available Equipment	Quantity
1.	Lathe	03 Nos
2.	Shaper M/c	01 No
3.	Milling M/c	01 No
4.	Surface Grinder	01 No
5.	Power Saw	01 No
6.	Vertical Drilling M/c	01 No
7.	Bench Grinder	01 No
8.	CNC Lathe M/c	01 No
9.	EDM M/c	01 No
10.	Lathe Tool Dynamometer	01 No
11.	Toggle & Arbor Presses M/c	01 No

12. FITTINGS & CARPENTRY SHOP

Sl. No.	Available Equipment	Quantity
1.	Power Saw M/c	01 No
2.	Bench Grinder M/c	02 Nos
3.	Pillar Drill M/c	01 No.
4.	Table Mounted Surface Plate	02 Nos
5.	Floor Mounted Surface Plate	02 Nos
6.	Bench Vice	05 Nos
7.	Pipe Vice	02 Nos
8.	Work Bench	02 Nos

13. ADVANCED CARPENTRY SHOP

Sl. No.	Available Equipment	Quantity
1.	Wood Turning Lathe	03 Nos
2.	Wood Surface Labelling M/c	01 No
3.	Circular Sawing M/c	01 No
4.	Multipurpose Wood Working Machine (6-in-1) Make-Wood Master, Model-Wm157	01 No
5.	Vertical Drilling M/c	01 No
6.	Bench Grinder	01 No
7.	Jig Saw Machine 24" Accessories Motor Pulley, Motor Rail, 5nos of Sample Blade, Make-Wood Tech Machinery	01 No

14. WELDING SHOP

Sl. No.	Available Equipment	Quantity
1.	Gas Welding and Cutting	01 No
2.	Arc Welding M/c	01 No
3.	TIG	01 No
4.	MIG	01 No
5.	Spot Welding	01 No
6.	Plunger Cutter	01 No
7.	Bench Grinder	01 No
8.	Double Arc Welding M/c	01 No
9.	200 A Welding Machine XTRA Power	07 Nos.
10	Arc Welding Machine 250 Amps	01 Nos

15. SMITHY & FORGING SHOP

Sl. No.	Available Equipment	Quantity
1.	Power Hammer	01 No
2.	Open Heart Furnace	05 Nos
3.	Anvil	05Nos
4.	Swage Block	03Nos
5.	Leg Vice	05 Nos
6.	Bench Grinder	01 No

16. METAL SHEET WORKING SHOP

Sl. No.	Available Equipment	Quantity
1.	Sheet Bending M/c	01 No
2.	Sheet Sharing M/c	01 No
3.	Pipe Bending M/c	01 No

17. FOUNDRY SHOP

Sl. No.	Available Equipment	Quantity
1.	Induction Furnace (Melting & Tilting)	01 No
2.	Muffle Furnace	01 No
3.	Core Maker tool kit (Mixer Machine)	01 No

18. METROLOGY LAB

Sl. No.	Available Equipment	Quantity
1.	Mirror Finish Polishing M/c	01 No
2.	Microscope	02 No
3.	Sine bar	01 No
4.	Dial Bore Gauge	01 No
5.	Vernier Bevel Protractor	01 No
6.	outside Micrometer	01 No
7.	Gear Tooth Vernier Caliper	01 No
8.	Slip Gauge	01 No
9.	Angle Gauge	01 No
10.	Dial Indicator	01 No
11	Digital Vernier Calliper	04 Nos
12	Magnetic Stand	01 No

Department of Chemistry

List of Major Equipment in Laboratory

Sl. No.	Name of Equipment/Instrument	Quantity	Working Condition (Yes/ No)	Remarks
1.	Kipps apparatus	03	Yes	
2.	Analytical Chemical balance Modern	01	Yes	
3.	Analytical Chemical balance	01	Yes	
4.	Heating mantle set	02	Yes	
5.	Motor less magnetic stirrer (Tarson make)	01	Yes	
6.	Centrifuge machine (Remi)	01	Yes	
7.	Digital IR thermometer (Kusum)	01	Yes	
8.	Digital thermometer	02	Yes	
9.	UV cabinet	01	Yes	
10.	Conductivity meter (Systronic)	02	Yes	
11.	Digital pH meter	04	Yes	
12.	Hot plate	02	Yes	
13.	Digital balance (K Roy)	02	Yes	
14.	Electric heater	01	Yes	
15.	Viscometer	06	Yes	
16.	Stalagmometer	11	Yes	
17.	Digital Potentiometer	02	Yes	
18.	Pocket PH Meter	02	Yes	

GKCIET. Chemistry Lab Experiments

Course Code : BS-CH191/ BS-CH291	Category : Basic Science Courses
Course Title : Chemistry-I Laboratory	Semester : First/ Second

1.	Conductometric titration for determination of the strength of a given HCl solution by titration against a standard NaOH solution.
2.	pH- metric titration for determination of strength of a given HCl solution against a standard NaOH solution.
3.	Determination of dissolved oxygen present in a given water sample.
4.	To determine chloride ion in a given water sample by Argentometric method (using chromate indicator solution)
5.	Determination of surface tension and viscosity
6.	Thin layer chromatography
7.	Determination of the rate constant of a reaction
8.	Determination of cell constant and conductance of solutions
9.	Saponification/acid value of an oil
10.	Chemical analysis of a salt
11.	Determination of the partition coefficient of a substance between two immiscible liquids
12.	Adsorption of acetic acid by charcoal
13.	Ion exchange column for removal of hardness of water
14.	Estimation of Fe (II) in a solution using standard K ₂ Cr ₂ O ₇ via potentiometric titration

Department of Humanities & Social Science

1. Intel Core i5 Desktop. 26 nos.
2. Speaker I-ball Booster B-1
3. Access point TP Link Wi-Fi machine.
4. Headphones. 30 pcs.
5. LCD Projector
6. Language Lab software (iTell-Oréll Digital Language Lab Standard Versions) has been installed by Orell Techno systems (India) Pvt. Ltd which has been purchased on 07.03.2019 (Memo No. GKCIET/2871)

Department of Physics

List of Major Equipment in Laboratory

Sl. No.	Name of Experiments	Quantity
1	Determination of Young's Modulus (Flexure Method)	01 No
2	Verification of stefan's law	01 No
3	Determination of wavelength of laser source using diffraction grating (15000 & 250 l.p.i.)	02 No
4	Measurement of hall co-efficient	02 No
5	Measurement of band gap (four probe method)	01 No
6	Determination of unknown resistance using meter bridge (Carey Foster bridge)	07 No
7	Measurement of dispersive power of a prism material	02 No
8	Measurement Of (E/M) By Thompson Method	01 No
9	Determination of modulus of rigidity (Static method)	01 No
10	Determination of modulus of rigidity (Dynamic method)	01 No
11	Measurement of Planck's constant	01 No
12	Characteristics of solar cell	02 No
13	Measurement of volume of a parallelepiped by slide caliper	05 No
14	Measurement of radius of a thin rod by screw gauge	05 No
15	Measurement of specific gravity of soil (sand) using specific gravity bottle	02 No
16	Determination of spring constant	01 No
17	Determination of the co-efficient of viscosity (stoke's law)	01 No
18	Measurement of radius of curvature using spherometer	04 No
19	Measurement of moment of inertia of a fly-wheel	01 No
20	Verification of Snell's law and determination of refractive index	04 No
21	Determination of focal length and magnifying power of a convex lens	02 No
22	Verification of Ohm's law	01 No
23	Verification of Kirchhoff's law	01 No
24	To convert a galvanometer into an ammeter	01 No
25	To convert a galvanometer into a voltmeter	01 No
26	Verification of laws of resistances using post office box	02 No
27	Verification of laws of resistances using ammeter and voltmeter	01 No
28	Characteristics of p-n junction diode	03 No

- **Computing Facilities**

- Internet Bandwidth
150 Mbps
- Number and configuration of System (including those used by staff)
>200 (i-3/ i-5/i-7)
- Total number of systems connected by LAN
Available in all PCs (>200 in nos.)
- Total number of systems connected by WAN
NKN connection
- Major software packages available
Available as per requirement of AICTE
- Special purpose facilities available
Wi-Fi Connection

- **Innovation Cell**

The Institute was included in Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2021 under “Promising-Band”. While applying for ARIIA 2021, the Institute had registered under Institute Innovation Council (IIC), as per the norms of Innovation Cell, MoE, Govt. of India.



Ghani Khan Choudhury Institute of Engineering and Technology

(A Centrally Funded Technical Institute under Ministry of Education, Govt. of India.)

Narayanpur, Dist: Malda, Pin- 732141, West Bengal

Memo No: GKCIET/ 9017

Date: 20.10.2022


OFFICE ORDER

As approved by the competent authority of this Institute, a team has been constituted with the following composition to act as social media team GKCIET, Malda:

Sl. No.	Name	Designation	Capacity
01.	Dr. Soumi Bhattacharyya	Assistant Professor (CE)	Chairperson
02.	Dr. Raja Ram Kumar	Assistant Professor (EE)	Member
03.	Dr. Santosh Kr. Dash	Assistant Professor (ME)	Member
04.	Dr. Chhandita Das	Assistant Professor (ENGLISH)	Member
05.	Mr. Puspajit Sarkar	Technical Assistant	Member

The team will upload the various institutional activity in social media with the approval of the competent authority.

This issues with the approval of the competent authority.

 20.10.22

(Dr. Subhasis Bhattacharjee)
Asst. Registrar (A&E)

Copy to:

1. Person concerned (by name)
2. All Deans /HoD's/HoS'.
3. Deputy Registrar-for kind information please.
4. Director – for kind information please
5. File copy

- Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments
The Institute in its early phases had offered modular pattern of education. Academic credentials of those modular-pattern students (who are willing to share their data) have been uploaded in DigiLocker by our NAD Cell. Since 2018, the institute followed conventional Degree and Diploma courses under the affiliation of MAKAUT, WB and WBSCT&VE&SD respectively. As per rules, affiliating boards/university can only upload academic data on NAD. MAKAUT has already created Academic Bank of Credits (ABC) Ids of our present B.Tech students.
- List of facilities available
 - Games and Sports Facilities
Available with Gym facility for both male and female students.
 - Extra-Curricular Activities
Available
 - Soft Skill Development Facilities
Available Computer, Internet facilities. We also have Communication Skills in English (Theory) and Language Lab in the course curriculum.
- Teaching Learning Process
 - Curricula and syllabus for each of the programmes as approved by the University
The Institute follows the curriculum and syllabus of the affiliating Council/University (http://makautexam.net/new_syllabus.html and www.webscte.co.in)
 - Academic Calendar of the University
Institute follows the academic calendar of the affiliating Council/University (www.makautwb.ac.in and www.webscte.co.in)
 - Academic Time Table with the name of the faculty members handling the Course
B. Tech Routine:
Uploaded on Institute website at the beginning of each semester; also, emails are sent to student
Diploma Routine:
Uploaded on Institute website at the beginning of each semester; also, emails are sent to student
 - Teaching Load of each Faculty
As per above routines (Diploma and B. Tech)
 - Internal Continuous Evaluation System and place
Evaluate following the rules and regulations of the affiliating Council/ University at Institute premises. (www.wbut.ac.in and www.webscte.co.in)
 - Student's assessment of Faculty, System in place
AICTE 360-degree feedback system implemented.
- For each Post Graduate Courses give the following: Not Applicable
 - Title of the Course
 - Curricula and Syllabi
 - Laboratory facilities exclusive to the Post Graduate Course
- Special Purpose
 - Software, all design tools in case
Available as required e.g. MATLAB, AUTOCAD, ForeSight For NIKON (surveying software), GIMP, Adobe Illustrator, 3D Max, Orell Talk

- Academic Calendar and framework
Institute follows the academic calendar of the affiliating Council/University
(www.makautwb.ac.in and www.webscte.co.in)

16. Enrollment of students in the last 3 years

PROGRAMME	WBJEE/ JOSAA 2018-19	JELET-19	WBJEE/ JOSAA 2019-20	JELET-20	WBJEE/ JOSAA 2020-21	WBJEE/ JOSAA 2021-22	WBJEE/ JOSAA 2022-23	JELET-22	WBJEE/ JOSAA 2022-23	JELET-23
B. Tech.	42	6	52	13	137	109	120	71	157	63

PROGRAMME	2018-19	VOCLET -19	2019-20	VOCLET- 20	2020-21	VOCLET- 21	2021-22	VOCLET- 22	2022-23	VOCLET- 23	2023-24
DIPLOMA	66	06	74	09	174	53	110	16	108	07	92

17. List of Research Projects/ Consultancy Works

In individual faculty profiles of the Mandatory Disclosure document, details are mentioned. Additionally, these are mentioned in the faculty profile on the Institute web-portal.

- Number of Projects carried out, funding agency, Grant received
In individual faculty profiles of the Mandatory Disclosure document, details are mentioned. Additionally, these are mentioned in the faculty profile on the Institute web-portal.
- Publications (if any) out of research in last three years out of Masters projects. NA
- Industry Linkage
- MoUs with Industries (minimum 3)
10 MoUs with industries have already signed. These are available at
<https://drive.google.com/drive/folders/1VGyYiOXRRGDvK8x-9AukvxqOY9RpWy05>

18. LoA and subsequent EoA till the current Academic Year

<https://www.gkciet.ac.in/approval>

19. Accounts audited statement for the last three years

Yes. CAG Audits are carried out every year and the audit statements and reports are available with the Institute Accounts Section.

20. Best Practices adopted, if any

Note: Suppression and/or misrepresentation of information shall invite appropriate penal action.
The Website shall be dynamically updated with regard to Mandatory Disclosures

* The information and data will be modified, if required.

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