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# ANNUAL REPORT 2017-18

MAULANA ABUL KALAM AZAD  
UNIVERSITY OF TECHNOLOGY,  
WEST BENGAL

MAULANA ABUL KALAM AZAD  
UNIVERSITY OF TECHNOLOGY,  
WEST BENGAL



**Maulana Abul Kalam Azad University of Technology, West Bengal**  
(formerly West Bengal University of Technology)

**BF-142, Sector - I, Saltlake- 700064**

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





## From The Desk of The Vice Chancellor

The University came into operation formally with the assumption of the office of the first Vice Chancellor on January 15, 2001 as a sequel to the promulgation of THE WEST BENGAL UNIVERSITY OF TECHNOLOGY ACT, 2001, under West Bengal Act XV of 2000 passed by the West Bengal Legislature. The University started its academic programme, from July 16, 2001 following a Notification from the Department of Higher Education; Government of West Bengal dated June 15, 2001 through the affiliation of Engineering and Management Institutions / Colleges. This is the only State Government aided Technology University in the state of West Bengal which is vested with the power of providing affiliation to the Colleges located all over the state of West Bengal and desiring to conduct courses in Engineering & Technology, Pharmacy,



Prof. Saikat Maitra

Architecture, Management and Applied Sciences. The University is recognized under Section 2(f) and 12(b) of the UGC Act and the courses are approved by All India Council for Technical Education (AICTE).

On April 6, 2015 the name of the University was changed to Maulana Abul Kalam Azad University of Technology, West Bengal by "The West Bengal University of Technology (Amendment) Act, 2015 passed in the West Bengal Legislative Assembly and subsequent Government of West Bengal, Law Department, Gazette Notification No. 487L-6<sup>th</sup> April, 2015.

The University started its operations from the State Archive Building at Shakespeare Sarani and subsequently moved to its Salt Lake campus at BF 142, Sector I, Salt Lake, Kolkata – 700064. The main academic campus of the University at Haringhata, Nadia sprawling across 40 acres of land was inaugurated on February 13, 2018 by Mamata Banerjee, Hon'ble Chief Minister, Government of West Bengal in the august presence of Dr. Partha Chatterjee, Minister-in-Charge, Department of Higher Education, Science and Technology and Biotechnology. The University is extremely grateful to the Government of West Bengal for its active help and support which enabled the University to realize its dream of having an academic campus seventeen years after its inception.

The University offers equal opportunity and does not distinguish on the basis of gender, caste, creed and religion. The University is steadfast in its objective of nurturing innovative / novel ideas that would touch all



segments of the society especially the marginalized ones. It emphasizes at technology from a broad social perspective and is organizing postgraduate courses in basic and applied sciences. The University has introduced new courses in emerging areas to develop and enhance the scope of higher education. It strives for optimum utilization of resources and believes in unleashing individual initiative for entrepreneurial development without compromising on the need for collective responsibility. The University is steadfast in its twin objectives:

- a) To serve as a Centre of Excellence in teaching and research in technology and management area.
- b) To provide framework of industrialization based on knowledge economy.

The University has a two fold characters:-

- 1) As an organization to affiliate the colleges , register the students, conduct the examinations, and mentor the teaching learning process and enhance the employability of the students.
- 2) To conduct in-house programmes particularly in Post Graduate disciplines as well as training, research and consultancy in different cutting edge areas of Engineering & Technology, Applied Sciences etc. The University is presently having 194 Colleges affiliated to it of which nearly one hundred offer AICTE approved courses in Engineering, Technology and Management. More than 1,30,000 students appear in the examinations every semester and nearly six and half lakh answer scripts are evaluated. There are around ten thousand teachers in the MAKAUT, WB system. The evaluation of answer-scripts is carried out in a centralised manner.

The University intends to add to its existing in-house programmes (two undergraduate and ten post-graduate programmes currently in place) by using the huge infrastructural facilities available at its new campus at Haringhata. The University plans to set up the different Schools of study as part of this exercise: Courses in cutting edge areas of engineering and technology, applied sciences and management will be offered under the ambit of these Schools.

The University is currently offering Ph.D programme in more than twenty streams. The Departments of CSE and Biotechnology of the University have been awarded the DST-FIST projects. The University has also received a number of funded R&D projects from organizations like UGC, CSIR, DST, DBT, AICTE, ICMR, MHRD etc. The M. Tech Biotechnology programme offered by the University is a national level programme funded by DBT.

The University has successfully completed the World Bank funded TEQIP II project and has also qualified for being granted the TEQIP III project. As part of training programme under TEQIP-III, the university is the mentor Institute of Islamic University of Science and Technology, Jammu and Kashmir, which is the mentee institute.

The University has already organized workshops to create awareness about the NBA accreditation process. It plans to position itself as a Nodal Centre in the eastern region in this area. It has also constituted a task force for formulating an action plan to conduct training of teachers inducted during the last three years, in consonance with the resolution adopted in the recent meeting of the Central Advisory Board of Education. To encourage and educate the faculty members, students and other stakeholders to file patents and develop an entrepreneurial attitude, the University has already set up an Intellectual Property Rights (IPR) Cell.

The University has signed several Memorandum of Understanding including those with CREDAI, University of Maryland and Chinese Pharmaceutical University.

After seventeen long years of its initiation, the University was visited by a peer team for the process of NAAC accreditation. The University has been **accredited with grade of B++ with a score of 2.87**.

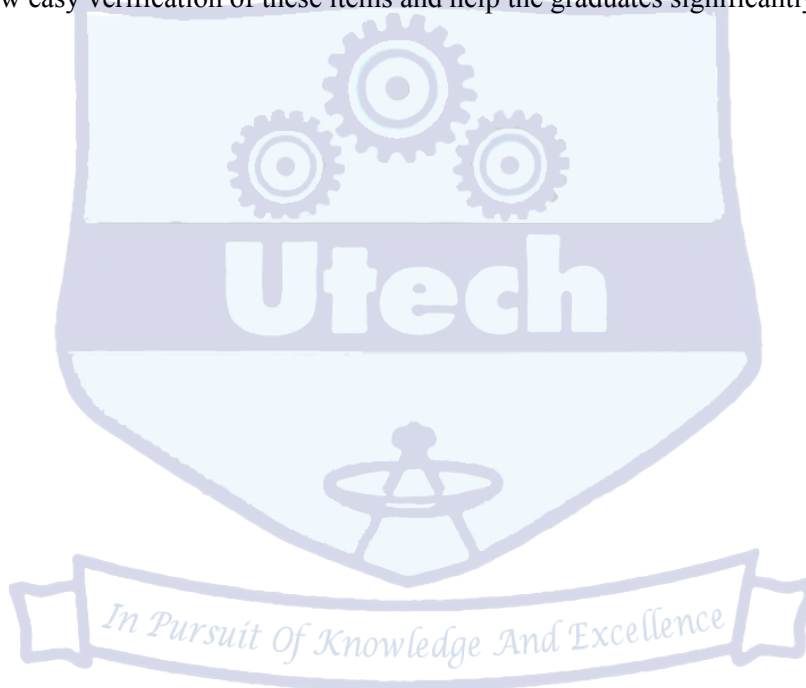
The University has set up Nodal Centres in its affiliated Colleges located at Siliguri, Durgapur, Kalyani and Hooghly where regular training and workshops are held on different skill sets that are currently in demand by the industry. These Nodal Centres also act as platforms for disseminating information about the different academic and related initiatives undertaken by the University.

The University is strongly promoting the adoption of Massive Open Online Courses (MOOCs) for its B.Tech students. This has already been initiated for the B.Tech 8<sup>th</sup> semester students in the streams of Computer Science, Information Technology and Electronics and Communication Engineering for all B.Tech students of the MAKAUT family studying in these streams.

The University has introduced a set of Mandatory Additional Requirements for earning the B.Tech degree. It has also taken the initiative to start the Mentoring process for the students under its umbrella as a policy of the Government to achieve excellence by the students studying in the state.

The University has organized a series of workshops through its Nodal Centres to create awareness about these initiatives.

The University has already taken steps to become part of the **National Academic Depository** (NAD) wherein the graduation certificates, grade cards and other records of the University students will be stored in a digital format. This will allow easy verification of these items and help the graduates significantly.





# **Maulana Abul Kalam Azad University of Technology, West Bengal**

## **An Introduction**

The Government of West Bengal set up an expert committee on December 31, 1998, under the Chairmanship of Prof. A. P. Mitra, Eminent Scientist to explore the necessity and scope for establishment of an Engineering / Technology University in the state of West Bengal.

The University came into operation formally with the assumption of the office of the first Vice Chancellor on January 15, 2001 as a sequel to the promulgation of THE WEST BENGAL UNIVERSITY OF TECHNOLOGY ACT, 2000, under the West Bengal Act XV of 2000 passed by the West Bengal Legislature. The University started its academic programme, from July 16, 2001 following a Notification from the Department of Higher Education, Government of West Bengal dated June 15, 2001 through the affiliation of Engineering and Management Institutions / Colleges and has entered the Seventeenth year of its functioning. The University is included in Section 2F and also in Section 12 B of UGC and a recipient of UGC Grant.

The University is an equal opportunity, affirmative action institution and do not distinguish on the basis of gender, caste, creed and religion and it wants to grow nurturing innovative/ novel ideas that would touch all segments of the society especially the marginalized ones. The technology is nurtured from a broad social perspective and are organizing postgraduate courses in basic and applied sciences with interfaces to social sciences. The University has introduced new courses in emerging areas to develop, enhance and strengthen our position in research and higher education. It strives for optimum utilization of resources and believe in unleashing individual initiative for entrepreneurial development without compromising the collective need.

The University is steadfast in its twin objectives:

- a) to serve as a Centre of Excellence in teaching and research in technology and management area
- b) to provide framework of industrialization based on knowledge economy.

For emerging as a Centre of Excellence the University has created three Schools of Studies viz. School of Engineering & Technology (SET), School of Biotechnology & Biological Sciences (SBTBS) and School of Management and Sciences (SoMS) comprising presently of seven departments, viz. Department of Computer Science & Engineering, Information Technology, Industrial Engineering & Management, Biotechnology, Bioinformatics, Management and Natural Sciences.

The Administration is taking steps to open up new departments in the Schools and the Departments are motivated to encourage inter-disciplinary research and teaching. All the departments enjoy full academic autonomy. The SET offers B.Tech. in CSE and IT as well as M.Tech. in Software Engineering, M.E. in Computer Science & Engineering, M.Tech. in Information Technology, M.Tech. in Microelectronics and M.Tech. in Industrial Engineering & Management. The SBTBS offers M.Tech. in Biotechnology (supported financially by Department of Biotechnology, Government of India), M.Tech. in Bioinformatics, MSc in Molecular Biology, Microbiology and Genetics and Ph.D. programs in emerging areas.

## Vision of The University

To achieve the status of a globally ranked premier University in the field of Science, Technology, Pharmacy, Architecture, Management and interdisciplinary areas for the creation of high-calibre professionals with environmental consciousness, social, moral and ethical values along with the competency to face the new challenges of rapid technological advancements.

## Mission of The University

- To impart quality and value based teaching & learning of international standard for solving the real life problems
- To create and disseminate knowledge both nationally & internationally towards the transformations of civilization into a knowledge based society
- To institutionalize the extension and field outreach activities with a view to transform the university system into an active instrument for social change
- To develop liaison and collaboration with the globally recognised academic institutions in order to inject new and fresh thinking in teaching, learning and research
- To generate intellectually capable and imaginatively gifted professionals and successful entrepreneurs having environmental consciousness and ethics who can work as individual or in group in multi-cultural global environments to for continuing towards significantly the betterment of quality of human life.

## Special Features

The teaching staff includes, visiting faculty, adjunct faculty members and distinguished visitors from the industry and front line academic and research institutes of the country and abroad. The core faculty itself comprises 21 teaching personnel.

The basic objective of the University is be to organize undergraduate courses of study in Engineering and Technology, specially in emerging areas. The University now affiliates 197 institutions spreading over 23 districts of the state of West Bengal. Postgraduate study is being carried out in 98 of them and research is being carried out for the grooming of scientists, engineers and technologists. The University has now intake capacity of about 6000 students at post graduate level. In this venture our affiliates are our cherished partners. It continuously seek new partners in excellence be it industry or other institutions of higher learning. The University has intimate and collaborative linkages with national and International research institutes, Universities and the industries.

The affiliated colleges enjoy financial autonomy from the beginning. They also enjoy substantial autonomy in academic matters. They can suggest establishment of elective papers, frame their syllabus and get it ratified by the University Academic Council at UG level.

The University besides being supported by the State Government and central grant giving agencies, organizes programs to generate as much as 90% of its own resources. A number of our courses offered at the UG level are now accredited by NBA. By the end of this academic session this number is expected to go up substantially.

## JEMAT

JEMAT (Joint Entrance Management Aptitude Test) is conducted by MAKAUT, WB on behalf of Government of West Bengal for candidates aspiring to gain entry into Post Graduate Management



Programmes in MAKAUT, WB affiliated colleges as well as some other Universities/institutes in West Bengal. The admission process for JEMAT includes the written test, Group Discussion and Personal Interview (GD/PI) and Counselling sessions. JEMAT has been conducted twice in 2017. The first phase was conducted during May-June, while JEMAT 2017 (Phase II) was held in the month of July.

## PGET

PGET (Post Graduate Entrance Test) is conducted by MAKAUT, WB for candidates aspiring to gain entry into Post Graduate Engineering Programmes in MAKAUT, WB and affiliated colleges in West Bengal. The admission process for PGET includes the written test, and counselling sessions. PGET has been conducted in 2017.

## List of MoUs during 2017-18

- iLead Foundation and Hitech Film and Broadcasting Academy Pvt. Ltd.
- University of Dhaka, Bangladesh
- Realtor and Estate Consultants Association of Kolkata (RECA Kolkata)
- Association of Architects, Builders Interior Designers and Allied Business (ABID)
- Colvin Institute of Real Estate Development, University of Maryland, USA
- Confederation of Real Estate Developer's Association of India (CREDAI)
- Lincoln university College, Malaysia

## List of MoUs signed earlier but still is in force

- The Institute of Cost Accountants of India (ICAI)
- Department of Biotechnology, HANYANG UNIVERSITY
- N B institute for Rural Technology (NBIRT)
- Ministry of Communications and Information Technology, Dept. of Electronics and Information Technology

## University Campuses

The University began operating from the West Bengal State Archives Building located at 43 Shakespeare Sarani, Kolkata 700017. The University has two campuses, one located at Salt Lake, Kolkata- 700064, where all the academic and administrative activities are being carried out, while the campus at Haringhata, Nadia District is nearing completion. The Haringhata Campus has Academic and Administrative Blocks along with residential area covering the staff quarters, Guest House and hostels for boys and girls.

The University has created considerable infrastructure for smooth running of academic and administrative activities, including seminar halls and auditorium for conducting seminars, workshops, conferences, special classes and training programmes. The University has adequate number of laboratories and class room space including smart class rooms and ICT enabled teaching learning environment. Most of the laboratories are well equipped and are maintained nicely.

The University has developed an adequate IT infrastructure with more than 400 high end PCs installed in different laboratories with few numbers of dedicated computing facilities and individual PCs and laptops for all faculty members and officers as well as PCs for all the staff of the University. The University has a commendable computer to student ratio of 1:1.5. There is 1 Gbps network connectivity from NKN along with 100 Mbps internet connectivity.

The campus is equipped with power backup systems. The library boasts of more than 34,000 books including both print books and E-books. There are more than 2000 e-journals and more than 3500 journals available

from consortia (e-sodh-sindhu).

The campus is having several facilities like Gymnasium, Bank, Crèche, Medical Centre, Sick Room, Playground etc. The campus is equipped with its own electrical sub-station and power back-up. The campus is connected with Wi-Fi facility. There are elevators, ramps and wheelchairs provided for differently able persons. The University also has a well laid out garden.

### Campus inauguration at Haringhata



The main academic campus of University at Haringhata, Nadia sprawling across 40 acres of land was inaugurated on February 13, 2018 by Mamata Banerjee, Hon'ble Chief Minister, Govt of West Bengal in August presence of Dr, Partha Chatterjee, Minister-in-charge, Department of Higher Education, Science and Technology and Biotechnology. The University is extremely grateful to the Govt of WB for its active help and support which enabled the University to realize its dream of having an academic campus 17 years after its inception.





## Academic Activities

### Teaching Departments (In-House)

The University is having 7 (seven) departments at its campus.

The University is having 7 (seven) departments at its campus.								
Name of the department	Year of inception	Courses offered	Students intake		Faculty strength filled up			
			UG	PG	P	R	L	PO
Computer Science & Engineering	2003	i) B.Tech. in CSE	38		2	2	9	
		ii) M.E. in CSE		23				
		iii) M.Tech. in Software Engineering		23				
	2007	iv) M.Tech in Microelectronics & VLSI Technology		23				
Information Technology		i) B.Tech. in IT	38				1	
		ii) M.Tech. in IT		23				
	2017	iii) M.Tech. in CS with Information Security Specialization		18				
Industrial Engineering & Management	2008	i) M. Tech in Industrial Engineering & Management		23			1	
Biotechnology	2003	i) M.Tech. Biotechnology		21	1	2	1	1
	2005	ii) MSc. in Molecular Biology		5				
	2007	iii) MSc. in Microbiology		5				
	2014	iv) MSc in Genetics		5				
Bioinformatics	2004	i) M.Tech Bioinformatics		23	1			2
Management	2006					1		
Natural Sciences					1		1	
Total			76	162	5	5	13	3

P-Professor, R-Associate Professor(Reader), L-Assistant Professor(Lecturer), PO-Project Officer

### School of Engineering & Technology

The School of Engineering & Technology consists of the Department of Computer Science & Engineering, Department of IT and Industrial Engineering & Management.

The Department of Computer Science & Engineering, under the School of Engineering & Technology offers B.Tech. in Computer Science & Engineering (CSE), M.E. in Computer Science and Engineering, M.Tech. in Software Engineering, and M.Tech in Microelectronics & VLSI Technology. All the courses are approved by AICTE.

The Department of Information Technology, under the School of Engineering & Technology offers B.Tech. in IT, M.Tech in IT and M.Tech CS with specialization in Information Security.

The Department of Industrial Engineering & Management under the School of Engineering & Technology offers M.Tech in Industrial Engineering & Management. This course is AICTE approved.

## Department of Computer Science & Engineering



**Sriyankar Acharya, Professor**

Dr. Acharya obtained M. Tech. and Ph.D. in Computer Science & Engineering from Calcutta University. He worked in Bhabha Atomic Research Centre as Scientific Officer (C) from 1989 to 1995. Then, he was Reader in Physics at Vivekananda College, Kolkata. and Reader in Computer Science & Engineering at Visva Bharati University and worked there from Sept 2005 to Dec 2005. From Dec 2005 onwards he is working as a Reader in West Bengal University of Technology, Kolkata. His current area of research interest is Constraint Satisfaction Problems (CSP), Meta-heuristic Search, Combinatorial Optimization, Scheduling, Search Techniques and Genomics.

**Dr. Debashis De, Professor & HoD Dept. of Microelectronics and VLSI Technology**

Dr. De earned his M.Tech from the University of Calcutta in 2002 and his Ph.D (Engineering) from Jadavpur University in 2005. He is a senior member of the IEEE. Life Member of CSI and member of the International Union of Radio science. He worked as R&D engineer for Teletronics. Presently, he is the head of the department and Associate professor in the Department of Computer Science and Engineering of the West Bengal University of Technology, India, and Adjunct research fellow at the University of Western Australia, Australia. He was awarded the prestigious Boyscast Fellowship by the Department of Science and Technology, Government of India, to work at the Herriot-Watt University, Scotland, UK. He received the Endeavour Fellowship Award during 2008–2009 by DEST Australia to work at the University of Western Australia. He received the Young Scientist award both in 2005 at New Delhi and in 2011 at Istanbul, Turkey, from the International Union of Radio Science, Head Quarter, Belgium. He received IETE JC Bose Memorial Award at IETE, New Delhi. His research interests include location and handoff management, mobile cloud computing, traffic forecasting, green mobile networks, and low power nanodevice designing for mobile applications. He has published in more than hundred peer-reviewed international journals in IEEE, IET, Elsevier, Springer, World Scientific, Wiley, IETE, Taylor Francis and ASP, sixty International conference papers, four researches monographs in springer, CRC, NOVA and one Book from Person education, Vikas publishers.



**Dr. Madhumita Das Sarkar, Associate Professor**

Dr. Das Sarkar is an Associate Professor (Microelectronics), Dept. of CSE MAKAUT, WB formerly known as WBUT. She has obtained her B Sc(Hons) degree in Physics and M Sc Degree in Electronic Science from University of Calcutta. She worked for her doctoral thesis under the guidance of Late Prof B R Nag, a Bhatnagar Awardee Scientist and Prof P K Basu of the Institute of Radio Physics & Electronics, Calcutta University. She served as CSIR Research Fellow from 1992-1994 and again from 1998-2003. She has published several research papers in refereed journals and presented in several International and National Conferences. She is the Coordinator of Industry-Institute-Interaction Cell in MAKAUT, WB. Before joining MAKAUT, WB as a Reader in Microelectronics in 2007, Dr. Das Sarkar has been working as a lecturer in the Department of Electronics & Communication Engineering, Techno India College, Salt Lake for approximately three years. Dr. Das Sarkar was solely involved in “Diamond-like Nanotechnology Centre”, a demonstration Centre of Bekaert Advanced Coating Technology, Buffalo, New York in association with ACC Material division, India. She also served as a Project Engineer for two years in Department of Electronics, Govt. of India funded Projects entitled “Process Simulation Program” in the Institute of Radio Physics & Electronics, Calcutta University and



“Modeling of Semiconductor Devices” in the Department of Electronics and Telecommunication Engineering, Jadavpur University.

Her area of specialization is transport in Quantum Nano-Structure devices in which one of her research papers have received citations in Nature, 2016. She is supervising 4 students for their doctoral thesis and she is guiding 18 M Tech and B Tech students. She has guided more than 35 students of in-house and affiliated colleges for their M Tech and B Tech project work. Most of the project works of the students are published in peer reviewed journals, proceedings, IEEE Xplore and even archived by IEEE EDS in 2015. Her students have been awarded in “National Student Research Convention” organized by Association of Indian Universities (AIU) under “Engineering and Technology” category held in 2010 and in 2013 consecutively, as well as in the academic meet organized by FOSET, WB in collaboration with DST, WB in 2010. She chaired as well as delivered invited talk in several technical sessions of International and National conferences/seminars. She convened several academic workshops, training programs and induction lectures in several emerging areas of importance including Industry-Centric programs. Dr. Das Sarkar is member of renowned professional societies like IEEE Electron Device Society, IEEE Power and Energy Society, IEEE Photonics Society, IEEE Nanotechnology Council, IEEE Sensors Council, IEEE Biometrics Council, IEEE Council on Electronic Design Automation and also life member of Material Research Society of India (MRSI) and Solid State Circuit, India. She convened and coordinated Industry-Academia Conclave at Milan Mela Prangan during March 27-29, 2017.

**Dr. Suparna Biswas, Assistant Professor**

Dr. Biswas obtained her ME and Ph.D from Jadavpur University, India. She is an Assistant Professor in the Department of Computer Science & Engineering, Maulana Abul Kalam Azad University of Technology, W.B., (formerly WBUT), India since 2005. She has post doctoral research experience as a EU research fellow in cLINK project at Northumbria University, Newcastle, UK, 2014 to 3rd July, 2015. Her research interest includes mobile computing, wireless networks, security etc. She has co-authored a number of Research papers published in International Conferences and peer-reviewed Journals.



**Dr. Kaushik Majumder, Assistant Professor**

Dr. Majumder has received his B.Tech and M.Tech degrees in Computer Science and Engineering and Information Technology in the year 2003 and 2005 with the university rank of 1<sup>st</sup> class 4<sup>th</sup> and 1<sup>st</sup> class 2<sup>nd</sup> respectively from University of Calcutta, Kolkata, India. He obtained his PhD(Engg.) degree in 2012 in the field of Mobile Ad hoc Networks from Jadavpur University. He has received National Certificates issued by the Ministry of Human Resource and Development, Government of INDIA for securing high marks in Madhyamik, Higher Secondary and B.Sc(Hons)Examination.

He had ranked 1<sup>st</sup> in the state of West Bengal in Science Talent Search Examination. Before joining the teaching profession he has worked in reputed international software organizations like Tata Consultancy Services and Cognizant Technology Solutions. He is presently working as an Assistant Professor in the Dept. of Computer Science & Engineering in Maulana Abul Kalam Azad University of Technology, West Bengal. He is the Co-Chief Investigator of the "Information Security Education and Awareness (ISEA)" project phase-II Department of Electronics and Information Technology (DeitY). He has published several papers in International and National level journals and conferences and book chapters. He is a Senior Member, IEEE, Member of the International Association of Engineers (IAENG), International Association of Computer Science and Informational Technology (IACSIT) and Life Member of Advanced Computing and Communications Society (ACCS). He is presently serving as the editorial board member and reviewer of several international and national journal and conferences of repute.



**Dr. Santanu Phadikar, Associate Professor & HoD Dept. of CSE**

Dr. Phadikar is currently working as an assistant professor in the department of Computer Science and Engineering. He has passed his graduation from Vidyasagar University and passed his master degrees from University of Calcutta. He has received his Ph.D degree from Bengal Engineering and Science University, Shibpur. He has received University Gold Medal for securing highest marks in gradation in his subject. He has also received National Scholarship for higher study. He has served Vidyasagar University as Lecture from 2002 to 2006. After that he is serving this University. He has good number of publications in reputed Journals and Conferences. He is working in the field of smart farming, voice processing and image processing. He is currently running the project ISEA-II as chief investigator.

**Mr. Mihir Sing, Assistant Professor**

Mr. Sing has obtained his B. Tech. in Computer Science & Technology from Bengal Engineering College (C. U.) and M. Tech. in Computer and Information Technology from IIT, Kharagpur. He has almost eighteen years of teaching experience in different engineering colleges. He started his career as a Lecturer in the Department of Computer Science & Engineering in Seemanta Engineering College, Orissa from April, 1998 to July, 2002. He also served as Lecturer in the Department of Computer Science & Engineering in University College of Engineering, Burla, Orissa from July, 2002 to April, 2008. His areas of interest are RDBMS, Image Processing, Data Structures, Compiler Design, Algorithm Analysis & Design and Formal Language and Automata Theory. He is pursuing his PhD in Image Processing.

**Mr. Subhanjan Sarkar, Assistant Professor**

Mr. Subhanjan Sarkar has done his B.Tech and M.Tech. in Computer Science & Engineering from Department of Computer Science & Engineering, Calcutta University. Before joining WBUT Mr. Sarkar has taught in several Engineering colleges. His areas of interest are Data structures.

**Mr. Santanu Chatterjee, Assistant Professor**

Mr. Chatterjee completed his BE from Jalpaiguri Govt. Engineering College (under North Bengal University) in 2002, and ME in Computer Science and Engineering (with specialization in Embedded Systems) from West Bengal University of Technology in 2005. His areas of interest include Operating Systems, System Software, and Programming Language Theory. He also likes to learn new programming languages as a hobby. He is passionate about GNU/Linux and other Open Source technologies.

**Mr. Saikat Basu, Assistant Professor**

He passed ME from Jadavpur University. He worked in various capacities before joining WBUT. He started his career as Lecturer in Haldia Institute of Technology, served as Senior Lecturer in Dr. B.C Roy Engineering College and also worked as Assistant Director of Software Technology Parks of India. He has around fourteen years of teaching experience. His topics of interest are Data structure, Networking, Internet-working, Microprocessor, digital electronics etc. His research interest is AD-HOC networking.







**Dr. Amiya Karmakar, Assistant Professor**

Dr. Karmakar obtained his M. E. in Computer Sc. & Engg. with specialization in Embedded Systems from West Bengal University of Technology in 2005 and Ph.D in Computer Science and Engg. in 2015. He has been engaged in teaching and research for the last nearly thirteen years. He worked at West Bengal University of Technology as Project Officer for last Eleven years. Prior to this he was faculty in Women's Polytechnic College, Dakhuria, Kolkata for two years. At present he is an Assistant Professor in the Dept. of CSE/ECE, at MAKAUT, WB. His area of research include Embedded System Design, Re-configurable Architecture using FPGAs, Software Defined Radio, VLSI design, Digital Signal Processing, etc..

**Dr. Sujoy Mistry, Assistant Professor**

Mr. Mistry has joined as an Assistant Professor in Department of Computer Science and Engineering, Maulana Abul Kalam Azad University of Technology formally known as West Bengal University of Technology (WBUT), India in 2017. He has almost three years of teaching experience in different colleges. Mr. Sujoy Mistry received a bachelor's (B.Sc) degree in Computer Science in 2005 and a master's (M.Sc) degree in Computer and information Science in 2007 from University of Calcutta, Kolkata, West Bengal, India. After that he has completed his M.Tech degree in Computer Science and Engineering from University of Calcutta in 2009. He has submitted his thesis for the completion of Ph.D degree from Jadavpur University, Kolkata, India in March 2017. He has served as TCS Research Scholar from 2012- 2016 under the registration of Jadavpur University, funded by Tata Consultancy Services(TCS) through their Research Scholarship Program. Currently he is doing research in the area of Distributed Computing, P2P Networks and Grid and Cloud Computing. He has published several papers in refereed journals and conferences also presented in several conferences.



**Dr. Sriparna Saha, Assistant Professor**

Ms. Saha received her B.Tech degree in Electronics & Communication Engineering (ECE ) Department from RCC Institute of Information Technology under West Bengal University of Technology and M.E. degree in Electronics and Tele-Communication Engineering (ETCE) Department from Jadavpur University and is currently pursuing her Ph.D. on Machine Intelligence in Artificial Intelligence Laboratory, Jadavpur University, India. All though her masters, she is a recipient of GATE fellowship and awarded UGC fellowship to pursue her Ph.D.

She has offered currently post-graduate level courses in Intelligent Automation and Robotics, Jadavpur University, Calcutta. Currently, She is the assistant professor of Maulana Abul Kalam Azad University (formerly known as West Bengal University of Technology), Salt Lake, India.

**Mr. Dhiman Karmakar, Assistant Professor & HoD Dept. of Dept. of IT**

Mr. Karmakar served Surendranath College, Kolkata, for three years as an Assistant Prof. in the Dept. of Computer Science . Erst he was associated in a research project on "color face recognition" in Machine Intelligence unit of Indian Statistical Institute, Kolkata. He did his graduation in Computer Sc. (Hons.) from University of Calcutta. He received Master of Computer Application and M.Tech. (in Computer Sc. and Engg.) degrees, both from University of Calcutta. He has qualified UGC NET in Computer Sc. & Applications and consequently ranked in WBCSC. He was also selected for CSIR Senior Research Fellowship in Computer Engineering Sciences. He is pursuing his Ph.D (Tech) from the Computer Sc. & Engg. department of University of Calcutta. During the



teaching days he developed expertise in topics like data structure, algorithm and shell scripting. His research interests include Computer Vision, Multimodal Biometrics, and Speech/ Speaker Recognition.

#### ACTIVITIES UNDERTAKEN IN THE DEPARTMENT BESIDES TEACHING

##### Publications/Journals

- Optimized secondary user selection for quality of service enhancement of two-tier multi-user cognitive radio network: a game theoretic approach, Authors: Asmita Roy, Sadip Midya, Koushik Majumder, Santanu Phadikar, Anurag Dasgupta, Journal: Computer Networks 2017/8/4, Volume 123, Pages 1-18, Elsevier
- Multi-objective optimization technique for resource allocation and task scheduling in vehicular cloud architecture: A hybrid adaptive nature inspired approach, Authors: Sadip Midya, Asmita Roy, Koushik Majumder, Santanu Phadikar ; 2018/2/1, Journal: Journal of Network and Computer Applications, Volume 103, Pages-58-84, Academic Press
- MISNA-A musical instrument segregation system from noisy audio with LPCC-S features and extreme learning, Authors: Himadri Mukherjee, Sk Md Obaidullah, Santanu Phadikar, Kaushik Roy, Publication date 2018, Journal: Journal Multimedia Tools and Applications, Pages 1-26, Publisher Springer US
- Line spectral frequency-based features and extreme learning machine for voice activity detection from audio signal Authors: Himadri Mukherjee, Sk Md Obaidullah, KC Santosh, Santanu Phadikar, Kaushik Roy, Publication date 2018, Journal: Journal International Journal of Speech Technology, Pages:1-8, Publisher Springer US
- A Novel System for Generating Simple Sentences from Complex and Compound Sentences Authors: Bidyut Das, Mukta Majumder, Santanu Phadikar, Publication date: 2018, Journal: International Journal of Modern Education and Computer Science, Volume: 10, Issue: 1, Pages: 57, Publisher: Modern Education and Computer Science Press
- IDS Using Reinforcement Learning Automata for Preserving Security in Cloud Environment, Authors: Partha Ghosh, Meghna Bardhan, Nilabhra Roy Chowdhury, Santanu Phadikar, Publication date: 2017/10/1, Journal: International Journal of Information System Modeling and Design (IJISMD), Volume: 8, Issue: 4, Pages: 21-37, Publisher: IGI Global
- Log-Based Cloud Forensic Techniques: A Comparative Study, Authors: Palash Santra, Asmita Roy, Sadip Midya, Koushik Majumder, Santanu Phadikar, Publication date: 2018, Book: Networking Communication and Data Knowledge Engineering, Pages: 49-59, Publisher: Springer, Singapore.
- An Ensemble Learning Based Bangla Phoneme Identification System Using LSF-G Features, Authors: Himadri Mukherjee, Sourav Ganguly, Santanu Phadikar, Kaushik Roy, Publication date 2018, Book: Advanced Computational and Communication Paradigms, Pages: 207-215, Publisher: Springer, Singapore
- An Ensemble Learning-Based Bangla Phoneme Recognition System Using LPCC-2 Features, Authors: Himadri Mukherjee, Santanu Phadikar, Kaushik Roy, Publication date: 2018, Book: Intelligent Engineering Informatics, Pages: 61-69, Publisher: Springer, Singapore
- READ—A Bangla Phoneme Recognition System, Authors: Himadri Mukherjee, Chayan Halder, Santanu Phadikar, Kaushik Roy, Book: Proceedings of the 5th International Conference on Frontiers in Intelligent Computing: Theory and Applications, Pages: 599-607, Publisher:Springer, Singapore, 2017.
- RECAL—A language identification system, Authors: Himadri Mukherjee, Ankita Dhar, Santanu Phadikar, Kaushik Roy, Publication date: 2017/7/28, Conference: Signal Processing and Communication (ICSPC), 2017 International Conference, Pages: 300-304, Publisher: IEEE
- SMIL-A Musical Instrument Identification System, Authors: Himadri Mukherjee, Sk Md Obaidullah, Santanu Phadikar, Kaushik Roy, Publication date: 2017/3/24, Conference: International Conference on Computational Intelligence, Communications, and Business Analytics, Pages: 129-140, Publisher: Springer, Singapore



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- Evaluation of Entropy-Based Segmentation Techniques for Automated Skin Disease Detection, Authors: Ishita Bhakta, Santanu Phadikar, Publication date: 2017, Book: Proceeding of International Conference on Intelligent Communication, Control and Devices, Pages: 335-341, Publisher: Springer, Singapore.
- An Efficient Handoff Using RFID Tags, Authors: Sadip Midya, Asmita Roy, Koushik Majumder, Debashis De, Santanu Phadikar, Publication date: 2017, Book: Proceeding of International Conference on Intelligent Communication, Control and Devices, Pages: 779-786, Publisher: Springer, Singapore
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- Hati, S., Dey, P., & De, D. WLAN based energy efficient smart city design. *Microsystem Technologies*, 1-14.
- Sadhu, T., Das, B., Ghosh, T., & De, D. XOR transform with actin quantum automata for better security against cryptanalysis. *Microsystem Technologies*, 1-13.
- Bari, S., De, D., & Sarkar, A. (2017). Design of low power, high speed 4 bit binary to Gray converter with  $8 \times 4$  barrel shifter using nano dimensional MOS transistor for arithmetical, logical and telecommunication circuit and system application. *Microsystem Technologies*, 1-7.
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- Debnath, B., Das, J. C., & De, D. (2017). Reversible logic-based image steganography using quantum dot cellular automata for secure nanocommunication. *IET Circuits, Devices & Systems*, 11(1), 58-67.

#### Sponsored Project

Principal Investigator (PI)	Title of The Project	Funding Agency	Amount	Duration
Dr. Santanu Phadikar	Internet Security Education & Awareness Programme Phase-II	MeitY	Rs. 120L	2016-2020
CSE-HOD	DST FIST	DST	Rs. 85 L	2012-2017

#### Support Staff In The Department

Ms. Chumki Das, Technical Assistant, Diploma, AMIE, M.Tech (VLSI Technology).  
 Ms. Sumana Chakraborty, Technical Assistant, MCA.  
 Mr. Subhasis Sengupta, Technical Assistant, AMIE, M.Tech.(CSE).  
 Mr. Pritimoy Sanyal, Technical Assistant, B.Sc(H), MCA, M.Tech

#### Department of Industrial Engineering & Management



**Mr. Bivash Mallick**, Assistant Professor

Mr. Bivash Mallick is presently serving as an Assistant Professor as well as Head in the Department of Industrial Engineering & Management of Maulana Abul Kalam Azad University of Technology, West Bengal. He acquired B. Tech in the discipline of Mechanical Engineering from National Institute of Technology, Warangal and M. Tech in Production Engineering from Kalyani Govt. Engineering College. His ongoing Ph.

D. thesis is based on 'Inventory management' registered at Jadavpur University. Before joining MAKAUT, he has taught in a private engineering college for 9 years. He has also served as Guest Faculty in the Department of Power Engineering at Jadavpur University. Mr. Mallick bears more than 8 years of industrial experience in the field of Project Management with emphasis on welding & piping and in close association with Quality Management and implementation of ISO 9000 Standards. His fields of interest include Inventory Management, Project Management, Quality Engineering & Management, Operations Management and Optimization.

**Dr. Sourav Das, Adjunct Professor**

Dr. Sourav Das is currently working as an Adjunct Associate Professor in Maulana Abul Kalam Azad University of Technology, West Bengal. Previously, he worked as a senior analyst in the Operations Research Department at Norfolk Southern. Dr. Das has worked on developing and implementing models for locomotive fleet planning, car scheduling, demand forecasting, rail yard simulation and optimization, locomotive dispatching, and empty railcar distribution. He has a PhD in Industrial Engineering from Clemson University, USA and completed M.Tech and BE from Indian Statistical Institute, Kolkata and Indian Institute of Engineering Science and Technology, Howrah respectively. His fields of interest include Operations Research, Forecasting, Logistics and Transportation, Stochastic models, Simulation Modelling and Analysis

**Support Staff In The Department**

Mr. Mithun Ghosh, Technical Assistant, B.Com., MCA, Helping in conducting practical classes & Machine Management.

**ACTIVITIES UNDERTAKEN IN THE DEPARTMENT BESIDES TEACHING**

**Publications/Journals**

- "A Unified Decision Framework for Inventory Classification through Graph Theory", Bivash Mallick, Bijan Sarkar, Santanu Das, International Journal of the Analytic Hierarchy Process, Vol. 9 Issue 2, 2017, <https://doi.org/10.13033/ijahp.v9i2.482>.
- "Application of the MOORA Method for Multi-Criteria Inventory Classification", Bivash Mallick, Bijan Sarkar, Santanu Das, Indian Science Cruiser, November 2017, Volume 31 No 6, DOI:10.24906/isc/2017/v31/i6/166459.

**School of Biotechnology & Biological Sciences**

**Department of Biotechnology**

The Department of Biotechnology was established in 2003 with a view to develop a center of excellence for education and research in biotechnology. In so doing, a four-semester AICTE-approved and DBT supported M.Tech. programme in Biotechnology was started with students qualifying in the All India level Combined Biotechnology Entrance Examination (CBEE) conducted by Jawaharlal Nehru University, New Delhi. It is pertinent to mention that WBUT and Annamalai University are the only two centers in the country in M.Tech Biotechnology supported by the Department of Biotechnology, Government of India. Recently the School of Biotechnology has been accorded the financial assistance under the FIRST program of the Department of Science & Technology (Govt, of India) .

The M. Tech programme took off successfully in early 2003. A modest infrastructure has been developed with the financial support from WBUT and other national funding agencies viz., DBT, BRNS, AICTE, CSIR and DST. In 2005, the Department of Bioinformatics was started with a four semester AICTE approved



M.Tech programme [M.Tech. in Bioinformatics). The School of Biotechnology (recently renamed School of Biotechnology and Biological Sciences) was set up in 2006 for all round development of Biotechnology and Bioinformatics.

The main focus of the School of Biotechnology & Biological Sciences is education and training of students in various facets of frontier Science. The post B.Sc. integrated Ph.D courses in Molecular Biology and Microbiology are the other important courses under this School. A *Centre for Genetic Studies* is run where outreach activities in the form of diagnosing and counselling of patients suffering from genetic disorders is carried out. In 2007 a workshop sponsored by ICMR was also conducted in this area. Considering the excellent response and demand of the students plans of enhancing the number of seats along with the laboratory facilities will be the future goal of the School. Post B.Sc. Integrated PhD programme in Genetics has also been started.

A *Transmission Electron Microscopy Laboratory* was set up in early 2007 which provides user facility to various sister organizations. Eventually in early 2008 a hands on training program on Prokaryotic whole cell visualization was organized with eminent microscopists from all over the globe as instructors. 108 participants from different parts of the country attended the workshop. This occasion was used as a platform to name the Center as "N. N. Dasgupta Electron Microscopy Center".

The department of Biotechnology is also involved with carrying out pilot scale trial for companies (Uranium Corporation of India Limited) in association with national grant giving agencies (BRNS, DAE). The packed bed bioreactor (IOLit) for microbe based soluble sulphate reduction is the only one of its kind in the region running continuously for more than 6 months without recharging. Cascading has been initiated for scaling up the volume handled by this setup. Replica of the design has been generated for scaling it up to 20 lit capacity.

The Alumni of the School has established an *Alumni Association* (WBUT Biotech Alumni Association, WBAA) in order to promote good interaction among them and have been organizing events successfully since 2008. Recently another now milestone has been achieved by the WBAA collaborating with the School of Biotechnology and Biological Sciences in releasing its own official magazine called "*BIOVARIANCE*".

To facilitate online learning at own time and pace, online platform with thirty modules have been developed, covering topics on Genetics, Molecular Biology & Biotechnology (<http://www.genomegyan.com>).



**Prof. Subrata Kumar Dey, Pro-Vice Chancellor**

Prof. Subrata Kumar Dey has been associated with teaching and research for more than thirty five years. He joined West Bengal University of Technology in the year 2005 as a Professor of Biotechnology. He had earlier served as an Associate Professor in Presidency College, Kolkata. He has also served as the Director, School of Biotechnology and Biological Sciences, WBUT. Presently he is the Pro-Vice Chancellor of the University. His research interest includes human molecular genetics, radiation biology & biotechnology. Prof. Dey has carried out extensive research on genetic disorders, especially on Down syndrome on which he has also edited four books. He has also published seventy research papers in peer reviewed journals and eight students obtained Ph.D. degree under his supervision. Prof. Dey has also set up a Centre for Genetic Studies in the Department of Biotechnology which offers diagnosis of common genetic disorders. He has also completed ten research projects and has developed online learning platform ([www.genomegyan.com](http://www.genomegyan.com)) on genetics, molecular biology and Biotechnology.

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**Dr. Jaya Bandyopadhyay, Associate Professor**

Dr. Bandyopadhyay joined the West Bengal University of Technology as a Lecturer in the Department of Biotechnology in 2002. She was awarded Ph.D from the Department of Zoology (School of Life Sciences), Visva Bharati University,



Santiniketan, in the areas of termite ecology and biology. She also worked as a Senior Research Fellow in the fields of Environmental Toxicology at Visva-Bharati. After completion of Ph.D she executed her postdoctoral research at Hormone Research Center, Chonnam National University, South Korea (1995-1998) and Gwangju Institute of Science & Technology (GIST), South Korea (1998-2001). She joined Indian Institute of Chemical Biology (Kolkata) as a CSIR Senior Research Associate (CSIR Scientist's Pool Scheme) from 2001-2002. She was awarded the Visiting Scholar to GIST under the Brain Pool Scheme funded by the Korean Federation of Science & Technology Societies (KOFST) for 1 year (2007-2008) where she worked on the neurogenetic studies on the animal behavior using *C. elegans* as a model. She has also published around thirty research papers in peer reviewed journals. Dr. Bandyopadhyay and her team of 8 Ph.D scholars along with several master's students are currently pursuing research in molecular and functional characterizations of oxidative stress-induced candidate genes associated with neurodegenerative diseases, like Alzheimer's disease (AD) with a view to finding new targets in the disease manifestation using neuroblastoma cell lines. She is also interested in studying the roles of microRNAs (miRNAs) in modulating the disease process. In addition she has successfully set up her worm laboratory and facilities in the Department to pursue in the fields of Molecular Aging and Development using *C. elegans* as a model organism. She has currently initiated research in studying the interaction properties of DNA with various nanotubes / nanoparticles and their effects on *C. elegans*, and further investigating the antibacterial activity of Graphene Oxide (nanoparticles) and its impact on *C. elegans*. Dr. Jaya Bandyopadhyay with her team of 7 (seven) Ph.D students, 5 post graduate Masters students, and 2 post-doctoral fellows are currently pursuing research in the fields of molecular aging and stress-induced neurodegeneration using both invertebrate and mammalian systems, respectively. She has successfully set up the worm (*Caenorhabditis elegans*) laboratory and modest facilities in the Department of Biotechnology, MAKAUT, WB to pursue research in the fields of Molecular Aging and Development using *C. elegans* as the model organism. She is also studying the interaction properties of DNA with various nanotubes and their impacts on *C. elegans*, and investigating the antibacterial activity of Graphene based nanomaterials and its impact on *C. elegans* in collaboration with Prof. Dr. Debashis De (Professor, CSE department, MAKAUT, WB). She is further exploring the molecular mechanism of metal / chemical induced neurotoxicity with a view to search natural products as promising drug candidates using mammalian cell systems in collaboration with Dr. Soumalee Basu, Assistant Professor, Dept. of Microbiology, University of Calcutta. Recently she has initiated projects along with one N-PDF (DST), Dr. Susmita Roy involving the immunomodulatory roles of candidate genes in Down Syndrome patients giving special emphasis to T cell activation.



**Dr. Raja Banerjee, Professor & HoD Dept. of Bioinformatics**

Dr. Raja Banerjee, an organic chemist by training, has been working for ~24 years in the area of structural biology towards Understanding Structure-Function & Dynamics of Biomolecules (Peptides / Proteins) towards designing Therapeutic leads. With the combined expertise of experimentation (using complementary spectroscopic tools) and computation directed towards answering specific biological questions of interest, his work includes design and characterization of peptides for assessing the 'protein engineering' concepts, and the 'protein folding' principles. The concepts and observations acquired in his lab have been extended through development of new ideas

for structure, function and interaction study with an effort to understand how local motifs (especially 'anion binding') contribute to the global function of protein utilizing non-covalent interactions. The central theme of his research expertise is designing therapeutic leads for diseases usually caused by protein folding/misfolding using the structure-based drug design strategy utilizing peptide based motifs. Dr. Banerjee acted as Visiting Professor in several reputed Institutes within and outside the country (viz. University of Padova, Italy; University of Pune; IBSD, Manipur) and Visiting Scientists in several Premier Research Institutes (viz. Visiting Fellow of JNCASR, Bangalore, IISc, Bangalore, TIFR, Bangalore). He chaired the academic sessions in several International conference and delivered invited lectures in several international, national Conference/Seminar/Workshops within and outside the country. He has published number of research articles in reputed international journals with high impact factor. He is the Coordinator Bioinformatics infrastructural facility, WBUT recognized by DBT since 2008; executive committee member Indian Peptide Society since



2011 and acted as a Member, Coordination Apex Committee: Bioinformatics National Certificate Examination (BINC) (conducted by Department of BioTechnology, Govt. of India) 2009-2012.

**Dr. Rina Rani Ray** *Associate Professor & HoD Dept. of Biotechnology*

Dr. Rina Rani Ray has her research and educational experience for more than two decades. She has done her doctoral research in the Department of Microbiology, Bose Institute, Kolkata and was awarded Ph.D. degree from University of Calcutta in 1996. Since then she is working on different branches of Microbiology including enzyme biotechnology, metal bioremediation and fungal biotechnology. She has published more than 70 research papers in various national and international journals. Dr. Ray has served in various reputed post graduate colleges under West Bengal Education Service including Presidency College and Bethune College for last twenty years, where she also acted as convenor and Chairperson, PGEC respectively. She is the member of various scientific associations and was nominated fellows of Zoological Society, India and Academy for Environment and Life Sciences, India. She has joined MAKAUT, WB in August, 2017.



**Dr. Tufan Naiya**, *Assistant Professor*

Dr. Naiya joined the Department of Biotechnology as an Assistant Professor during 2017. He graduated with B.Sc. (Hons) in Botany from Presidency College and then completed his M.Sc. in Molecular Biology & Biotechnology from Tezpur (Central) University with scholarship from DBT, Govt. of India. He completed his Ph.D degree in the field of Neurogenetics. He further worked as a Post Doctoral Fellow at the Zoological Survey of India (ZSI), Kolkata. He is a Life member of many Scientific Organizations like Indian Academy of Neurosciences and Indian Society for Human Genetics. His current research interests include Human Molecular genetics, Population

Genetics, *In silico* Drug Discovery etc.

**Dr. Amit Kumar Chakrabarti**, *Project Officer*

Dr. Chakrabarti is working as a Project Officer in the Dept. of Biotechnology from 2005 – till date. He is an Agro-Biotechnologist. During this period he has been regularly engaged in taking classes of M.Tech. (Biotech.), M.Sc. & Int. Ph.D. (Microbiology) and M.Sc. & Int. Ph.D. (Molecular Biology) courses. He developed a new technology for the Commercial Production of Liquid Biofertilizer. He published papers in peer reviewed journals, attended conferences & workshops and conducted one research project on Studies on tea and tea root extracts to explore protective effects against radiation exposure Sanctioned by National Tea Research Foundation with Pro. S. K. Dey (Pro-Vice Chancellor). His areas of research interests are, (1) Seed Research – seed testing, seed storage, cultivar fingerprinting, stress tolerance etc., (2) Plant-Microbe interactions and Studies on the biodiversity of plant growth promoting microorganisms (PGPR) and production of quality biofertilizers and biopesticides with the effective PGPR for Organic Farming and Production of Melanin & Bioplastic from microbes, (3) Studies on the molecular mechanism of multiple drug resistance. He is an expert & consultant of Agro-Biotechnology. Earlier Dr. Chakrabarti worked in Indian Institute of Chemical Biology & Dept. of Agriculture and received his Ph.D. in 1991 from the University of Calcutta on his work on Crop cultivar fingerprinting by seed & leaf surface scanning, seed storage-protein banding patterns, RFLP, RAPD analysis for changes of seed DNA profile with accelerated aging & nitrogen fertilization. He joined in the Dept. of Biotechnology, Jadavpur University as a DBT Teaching-Research Associate (1991-1997). During this period he worked on the detection of *c-mos* proto-oncogene in Zebra fish and bacterial multiple drug resistance and taught Plant & Microbial Biotechnology during M. Tech. (Biotech.) courses. Following that he did his post-doctoral research in Bose Institute, Bidhan Chandra Kishi Viswavidyalaya, Massey University, New Zealand in the areas related to Crop cultivar identification, Bacterial Multidrug resistance, Biodiversity of Plant growth promoting microorganisms (PGPR), production of quality biofertilizers & biopesticides, and Bioorganic Management of crop plants in the villages of West Bengal for development of Organic Farming. Besides his research & teaching, he also worked for two years in Agro Industry as a Senior Scientist.

## ACTIVITIES UNDERTAKEN IN THE DEPARTMENT BESIDES TEACHING

## Publications/Journals

- Poulami Majumder, Sangh Jyoti Singh, Vineet Nair, Pranami Bhaumik, Ashutosh Mukherjee, Priyanka Ghosh, Mandar Bhattacharya, Sujoy Ghosh, Subrata Kumar Dey. 2017. Alliance of matrix metalloproteinase-9 (MMP-9) promoter gene polymorphism with chronic and aggressive periodontitis in Indian population . *Meta Gene*. Volume 12, June 2017, Pages 88–93. <http://dx.doi.org/10.1016/j.mgene.2017.02.002>. IF: 1.27
- Pranami Bhaumik, Mandar Bhattacharya, Priyanka Ghosh, Sujay ghosh and Subrata Kumar Dey: 2017: Telomere length analysis in Down Syndrome birth. *Mechanisms of Ageing and Development* 164:20-26. (Elsevier). IF. 2.89
- Tanmay Mondal, Sandip Pal & Subrata Kumar Dey 2017: Quercetin Mediated Inhibition of Hydrogen Peroxide induced genomic DNA damage and Toxicity: *Journal of Biologically Active Products from Nature (Taylor & Francis): TBAP7(3)200-213*.
- U. Ghosh, Regina L Binz, R. Sadhukhan, A. Sarma, S.K. Dey, MH Jensen & R. Pathak: 12C-Beam Induces more chromosomal damage in Chemo-Radio-Resistant cells than 160-Beam. *Research & Reviews: Journal of Pharmacy & Pharmaceutical Sciences*: 7:2:9-14. IF: 1.85
- Poulami Majumdar, K. Thou, M. Bhattacharya, V. Nair, S. Ghosh, S. K. Dey : Association of tumour necrosis factor-alpha (TNF-alpha) gene promoter polymorphisms with aggressive and chronic periodontitis in the eastern Indian population. *Bioscience Reports (Portland Press)*: 00-14. IF: 2.78
- A machine learning approach towards the prediction of protein-ligand binding affinity based on fundamental molecular properties; Indra Kundu, Goutam Paul and Raja Banerjee\* (2018) *RSC Advances*, 8, 12127–12137 (ISSN= 2046-2069; I.F = 3.108)
- TLR11 or TLR12 silencing reduces Leishmania major infection; Divanshu Shukla, Himanshu Singh Chandel, Sunit Srivastava, Prashant Chauhan, Surya Prakash Pandey, Ashok Patidar, Raja Banerjee, Debprasad Chattopadhyay and Bhaskar Saha (2018) *Cytokine*; 104:110-113. (ISSN= 1043-4666; I.F= 3.488)
- Anion induced conformational preference of CaNN motif residues in functional proteins; Piya Patra, Mahua Ghosh, Raja Banerjee and Jaydeb Chakrabarti (2017) *Proteins* 85, 2179–2190 (ISSN= 1097-0134; I.F = 2.289)
- Ratio of ellipticities between 192 and 208 nm (R1): an effective Electronic Circular Dichroism parameter for characterization of the helical components of proteins and peptides; Raja Banerjee, Tridip Sheet (2017) *Proteins*, 85, 1975–1982 (ISSN= 1097-0134; I.F = 2.289)
- PPIMPred: a web server for high-throughput screening of small molecules targeting protein–protein interaction; Tanmoy Jana, Abhirupa Ghosh, Sukhen Das Mandal, Raja Banerjee & Sudipto Saha (2017) *R. Soc. open sci.* 4: 160501; <http://dx.doi.org/10.1098/rsos.160501> (ISSN= 2054-5703; I.F = 2.89 & Citation = 0)
- Computational design of model scaffold for anion recognition based on the ‘CaNN’ motif; Tridip Sheet, Suvankar Ghosh, Debnath Pal & Raja Banerjee\*, (2017) *Biopolymers: Peptide Science* 108(1), doi: 10.1002/bip.22921 (ISSN= 1097-0282; I.F = 2.879 & Citation = 0)
- Chakraborty, Sandipan; Rakshit, Jyotirmoy; Bandyopadhyay, Jaya; Basu, Soumalee 2018. Multi-functional neuroprotective activity of neohesperidin dihydrochalcone: A novel scaffold for Alzheimer’s disease therapeutics identified via drug repurposing screen. *New Journal of Chemistry* [I.F. 3.269] DOI: 10.1039/C8NJ00853A Royal Society of Chemistry



- Biswas, K., De, D., Bandyopadhyay, J. and Sen, P., 2018. Differential antibacterial response exhibited by graphene nanosheets toward gram-positive bacterium *Staphylococcus aureus*. *IET Nanobiotechnology*. [I.F. 1.463] (In press)
- Biswas, K., Bandyopadhyay, J. and De, D., 2018. A computational study on the quantum transport properties of silicene-graphene nano-composites. *Microsystem Technologies*, pp.1-19. [I.F. 1.195]. Springer
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- Sinha, S. and Bandyopadhyay, J., 2018. Metal to semiconductor conversion by hydrogenation in guanine functionalized SWCNT. *Microsystem Technologies*, pp.1-12. [I.F. 1.195]. Springer
- Sinha, S., Biswas, K., Shaw, S., De, D., Sarkar, A. and Bandyopadhyay, J., 2018. Conductivity modulation of SWCNT by its sidewall functionalization through heavily doping with DNA nucleobase adenine. *Materials Focus*, 7(1), pp.11-17. [Sci-Indexed]
- Mohanta, Y.K., Biswas, K., Bandyopadhyay, J., Tamang, A., De, D., Mohanta, D., Panda, S.K., Jayabalan, R., Mohanta, T.K. and Bastia, A.K., 2018. *Abutilon indicum* (L.) Sweet Leaf Extracts Assisted Bio-Inspired Synthesis of Electronically Charged Silver Nano-Particles with Potential Antimicrobial, Antioxidant and Cytotoxic Properties. *Materials Focus*, 7(1), pp.94-100. [Sci-Indexed]
- Biswas, K., De, D., Bandyopadhyay, J., Dutta, N., Rana, S., Sen, P., Bandyopadhyay, S.K. and Chakraborty, P.K., 2017. Enhanced polarization, magnetic response and pronounced antibacterial activity of bismuth ferrite nanorods. *Materials Chemistry and Physics*, 195, pp.207-212. [I.F. 2.084] Elsevier
- Sinha, S., Biswas, K., De, D., Bandyopadhyay, J. and Sarkar, A., 2017. Metal to semimetal conversion by band structure engineering of SWCNT by DNA nucleobase functionalization. *Microsystem Technologies*, pp.1-8. [I.F. 1.195] Springer
- Mohanta, Y.K., Biswas, K., Panda, S.K., Bandyopadhyay, J., De, D., Jayabalan, R., Bastia, A.K. and Mohanta, T.K., 2017. Phyto-assisted synthesis of bio-functionalised silver nanoparticles and their potential anti-oxidant, anti-microbial and wound healing activities. *IET Nanobiotechnology*, 11(8), pp.1027-1034. [I.F. 1.463]
- Das, S., Sarkar, Y., Majumder, R., Mukherjee, S., Bandyopadhyay, J., Ray, A. and Parui, P.P., 2017. A unique cysteine selective water soluble fluorescent probe operable in multiple sensing cycles for the detection of biogenic cysteine in multicellular living species. *New Journal of Chemistry*, 41(4), pp.1488-1498 [I.F. 3.269] Royal Society of Chemistry
- Singh, S., Biswas, K., Chowdhury, S., Mohanta, Y.K. and Bandyopadhyay, J., 2017. Green-Route Mediated Synthesis of Silver Nano-Particles from *Aegle marmelos* and Evaluating Its Antimicrobial Activity. *Materials Focus*, 6(3), pp.297-304. [Sci-Indexed]
- Biswas, K., Sinha, S., Shaw, S., Bandyopadhyay, J. and De, D., 2017. Bandgap Engineering of Graphene Nanosheets upon Heavily Doping with Silver Atoms. *Materials Focus*, 6(2), pp.121-126. [Sci-Indexed]
- Biswas, K., Sinha, S., Shaw, S., Bandyopadhyay, J. and De, D., 2017. Observation of the unconventional optoelectronic properties of silicon conjugated graphene nanosheets. In *Devices for Integrated Circuit (DevIC)*, 2017(pp. 787-789). IEEE Xplore. [Conference Publication]

- Sinha, S., Biswas, K., Shaw, S., Bandyopadhyay, J. and De, D., 2017, March. Unraveling the temperature dependent elastic properties of Stone-Wales defect induced single-walled carbon nanotube. In *Devices for Integrated Circuit (DevIC), 2017* (pp. 350-353). IEEE Xplore. [Conference Publication]
- Subhajit Giri, Tufan Naiya, Zaffar Equbal, Charulata Savant Sankhla, Shyamal Kumar Das, Kunal Ray, Jharna Ray. Genetic screening of THAP1 in primary dystonia patients of India. *Neuroscience Letters* 2017: 637: 31–37 (Impact Factor 2.107).

## Department of Bioinformatics

MAKAUT, WB realized the need for introducing PG teaching and research program in Bioinformatics, in addition to the Biotechnology program, to meet the need of today's scientific community. The Department of Bioinformatics was founded in the year 2005 and is recognized by UGC under its 12B regulation. The department receives grant from UGC for its regular function and also from DBT under its BTIS-net program towards Bioinformatics Infrastructure Facility (BIF).

### **Dr. Raja Banerjee, Professor**

Dr. Banerjee, an organic chemist by training, has been working for ~22 years in the area of structural biology towards understanding the sequence-structure-function relationship of proteins and their relevance. With the combined expertise of experimentation (using complementary spectroscopic tools) and computation directed towards answering specific biological questions of interest, his work includes design and characterization of peptides for assessing the 'protein engineering' concepts, and the 'protein folding' principles. The concepts and observations acquired in his lab have been extended through development of new ideas for structure, function and interaction study with an effort to understand how local motifs (especially 'anion binding') contribute to the global function of protein utilizing non-covalent interactions. The central theme of his research expertise is designing therapeutic leads for diseases usually caused by protein folding/misfolding using the structure-based drug design strategy utilizing peptide based motifs.

Dr. Banerjee acted as Visiting Professor in several reputed Institutes within and outside the country (viz. University of Padova, Italy; University of Pune; IBSD, Manipur) and Visiting Scientists in several Premier Research Institutes (viz. Visiting Fellow of JNCASR, Bangalore, IISc, Bangalore, TIFR, Bangalore). He chaired the academic sessions in several International conference and delivered invited lectures in several international, national Conference/Seminar/Workshops within and outside the country. He has published number of research articles in reputed international journals with high impact factor. He is the Coordinator Bioinformatics infrastructural facility, WBUT recognized by DBT since 2008; executive committee member Indian Peptide Society since 2011 and acted as a Member, Coordination Apex Committee: Bioinformatics National Certificate Examination (BINC) (conducted by Department of BioTechnology, Govt. of India) 2009-2012.

### **Mr. Subhrangshu Supakar, Project Officer**

Mr. Supakar has a Bachelor in Pharmacy (B. Pharm) from Utkal University and obtained a post Graduate Diploma in Bioinformatics from Jadavpur University. He worked on chemical characterization of a few very important medicinal plants of Orissa. Currently he is actively engaged in developing a bioinformatics software suite with a graphical interface, targeted for sequence analysis and structural biology applications. He is also working on molecular modeling of nuclear cap binding proteins such as CBP80, CBP20 and on the development of a medicinal plant database of West Bengal, with specific focus on 3D structures of active ingredients.

### **Dr. Aulie Banerjee, Project Officer**

Dr. Banerjee holds an M.Sc. in Botany and Forestry and from Vidyasagar University and a P. G. Diploma in Bioinformatics from Jadavpur University. She was a research fellow under World Wide fund for Nature, India (WWMndia). She has worked with the National Afforestation



and Eco Development Board, Jadavpur University, and is Project Consultant of the Medicinal Plant Garden project under Vishwa Bharati University. Her area of interest is ethnomedicine and she is involved in the development of a medicinal plant database of West Bengal, with specific focus on 3D structures of active ingredients. She is also engaged in developing a bioinformatics software suite with a graphical interface, targeted to sequence analysis and structural biology.

## ACTIVITIES UNDERTAKEN IN THE DEPARTMENT BESIDES TEACHING

### Publications/Journals

#### List of research scholar with area of research:

1. Dr. Tridip Sheet, RA-DBT (Designing small peptide motif for understanding peptide-anion interaction)
2. Mr. Divanshu Sukla, SRF (Role of Toll-like receptors in Leishmania infection)
3. Ms. Piya Patra, SRF-ICMR (Design of anti-microbial peptide)
4. Mr. Soumya Kanti Ghosh, RA-TEQIPIII (Study of structure-function relation of Toll-like receptor proteins)
5. Mr. Tanmoy Jana, SRF-ICMR (Study of protein-protein interaction for designing therapeutics)
6. Mr. Gaurav Bhagat, JRF-DBT (Study of non-covalent interaction in proteins and peptide)

List of staff:

Mr. Samar Naskar, Office Staff

MoU, MoA etc. : with DBT for BIF

Center details if any: Department is recognized as BIF center by DBT-GOI

## School of Management & Sciences

### Introduction

The School of Management & Science (SOMS) was set up by the West Bengal University of Technology (WBUT) in July 2006. The aim of the School was to function as a centre for advanced studies and research in Management and allied disciplines. The objectives of the School of Management can be broadly summarized as under:

- (a) Promote cutting edge research in different areas of management, economics and finance, and other social sciences with special emphasis on interdisciplinary research
- (b) Introduce new and relevant programmes at the postgraduate levels which would foster an effective interface between industry and academics
- (c) Support the different programmes running under MAKAUT, WB in management and allied disciplines in terms of updating their course structure and syllabi, and also improve and upgrade the evaluation and examination process.

To fulfil these objectives, the School of Management is actively involved in executive and faculty development programmes, and regularly organizes seminars and workshops.

The Department of Natural Science is also currently housed under SOMS.

### Location and Infrastructure

The School of Management is located on the second floor of the University. The School houses the office of the Director and that of the other faculty members. Each faculty member is provided with separate study space, locker, computer (with internet facilities) and personal phone. The School shares common class rooms with other departments of the University. The class rooms are equipped with teaching aids like LCD, OHP

and white boards. Most of the classrooms have air conditioned facility. The School used the computing facilities of the IBM lab located in the ground floor of the University as well as other computing facilities spread across the University. The School has access to software like Matlab, Statistica etc. which are frequently used for computational purposes.

The School uses the library resources of the University which has a rich and varied collection of books and journals, including a large repository of e-journals. The library boasts of Ebsco Premiere as well as e-journals and books from Springer, which all faculty members can access from their offices.

### Current Activities of the Management School

The activities undertaken by the School of Management to fulfil the afore-mentioned objectives can be grouped under two broad headings:

1. In-house activities which seek to promote research, train prospective researchers, and introduce high-quality academic programmes;
2. Supervisory activities which try to support undergraduate and post-graduate programmes in the affiliated colleges of the University.

### Proposed Programme

SOM is in the process of initiating a two-year postgraduate programme in Computational Finance. The Computational Finance laboratory is being developed for this purpose by procuring both hardware and appropriate software using the UGC grant. This will be a highly focused programme having a judicious admixture of quantitative techniques, financial knowledge and computational skills and will aim to fill the gap in quality manpower currently existing in the financial services industry.

There is a proposal for opening M.Tech in Material Science and Technology from next year.

### Department of Natural Science

**Prof. B. P. Chatterjee**, *AICTE Emeritus Professor*,

Prof. Chatterjee is an Emeritus Professor, Department of Natural Sciences, West Bengal University of Technology & Sir Asutosh Mookerjee Fellow, Indian Science Congress Association, Adjunct Professor, Yokohama City University, Yokohama, Japan. He has research specialization and expertise in Carbohydrates, Lectins, and Glycobiology, Allergy & Immunology, Biotechnology. He has achieved academic fellowships of National Academy of Medical Sciences (2014), research fellowships, Utility Service of Expertise Research Scientists" (USERS) from Department of Science & Technology, Government of India (2010-2011), Senior Scientist Platinum Jubilee Fellowship from National Academy of Sciences, India (2011-2013), Sir Asutosh Mookerjee Fellowship from Indian Science Congress Association (2014-2018); Awarded Prof. R C Mehrotra Memorial Life Time Achievement award presented by Sri Narendra Modi, Prime Minister of India in 104<sup>th</sup> Indian Science Congress at University of Tirupati (2017), "98<sup>th</sup> Indian Science Congress General President's Gold Medal", presented by Dr. Manmohan Singh, Prime Minister of India at SRM University in Chennai (2011), "Shikhashak Smarak Samman" awarded by Education Department of West Bengal Pradesh Congress (2011), "Smarak Samman" awarded for outstanding contribution in Chemistry by Howrah EtihadPranayanSamiti (2011). He has been an active member of the Institute Body and other bodies, Post Graduate Institute of Medical Education and Research, Chandigarh as Indian Science Congress Association representative from 2011-2014 and 2014-2019; Member of the Task Force Committee and Project Review Committee on Allergy, Biochemistry, Immunology, Indian Council of Medical Research, Govt. of India 2011-2014; Treasurer, Indian Science Congress Association, 2010-2011. He has guided twenty seven (27) Ph.D. students and one (1) is doing Ph.D. research at present and Examiner of Ph.D. thesis of different Indian



Universities. He has published more than 149 national and international journals with a research grant from prestigious organizations like CSIR, ICMR, DST, DBT.



**Prof. Sreeparna Banerjee, Professor**

Prof. Banerjee obtained her B. Sc. In physics from Presidency College, Calcutta,, M. Sc. from Calcutta University and Ph.D University of Virginia. She has taught in Universities in India and abroad. Her current research interests include Physics of space plasmas: Molecular Dynamics and Monte Carlo simulations, charge transfer, nonlinear dynamics; Neural networks, Pattern Recognition and Soft Computing applications in Astrophysics, Meteorology and Medical Imaging; Data Mining.

**Dr. Atryee Biswas, Assistant Professor & HoD**

Dr. Biswas obtained M.Sc in Applied mathematics from Calcutta University and Ph.D. from Jadavpur University. Worked as a lecturer in Ramkrishna Sarada Mission Vivekananda Vidyabhaban before joining WBUT. Her area of research interest is quantum mechanical problems in the context of Super symmetry and PT symmetry.



## Department of Management



**Dr. Indranil Mukherjee, Associate Professor**

Dr Mukherjee obtained his B.Sc and M.Sc degrees in Physics from Jadavpur University and was awarded the University gold medals on both occasions. He obtained his Ph.D from Jadavpur University working with CSIR fellowship in the area of Nonlinear Integrable Systems. His current research interests are non-linear dynamics, chaos and complex systems and their applications in different areas of natural, biological and social sciences as well as mathematical and statistical analysis of datasets. He has published around thirty-five papers in international journals, authored eight book chapters and has one patent filed to his credit. One student has

completed her Ph.D working under his joint supervision while two other students will submit their Ph.D theses. He is currently associated with three externally funded research projects. Dr Mukherjee has around twenty years of professional experience including working in software industry, teaching, training and research.

## ACTIVITIES UNDERTAKEN IN THE SCHOOL BESIDES TEACHING

### Publications/Journals

- Understanding the pattern of the BSE Sensex – I. Mukherjee, Soumya Chatterjee, A.Giri P.Barat. Physica A 482, (2017) 262-275.
- Simultaneous sequestration of nitrate and phosphate from wastewater using a tailor-made bacterial consortium in biofilm bioreactor. A. Saha, S. Bhushan, P. Mukherjee, C. Chanda, M. Bhaumik, M. Ghosh, J. Sharmin, P. Datta, S. Banerjee, P.Barat, A.R.Thakur, L.M. Gantayet, I. Mukherjee and S. Ray Chaudhuri. J. Chem. Technol. Biotechnol. Vol. 93, Issue 5, 2018, pp 1279-1289
- Universality in the dynamical properties of seismic vibrations – Soumya Chatterjee, P. Barat, Indranil Mukherjee, Physica A, 492 (2018) 1352-1363.
- Analysis of the behaviour of the detrended BSE Sensex data – Soumya Chatterjee, Indranil Mukherjee, P. Barat, Chaos, Solitons and Fractals, 113 (2018) 186-196

- Hierarchies and Hamiltonian structures of the Nonlinear Schrodinger family using geometric and spectral techniques. Partha Guha and Indranil Mukherjee. Discrete Contin. Dyn. Syst. Ser. B. (available online 2018)

### **Book Chapter**

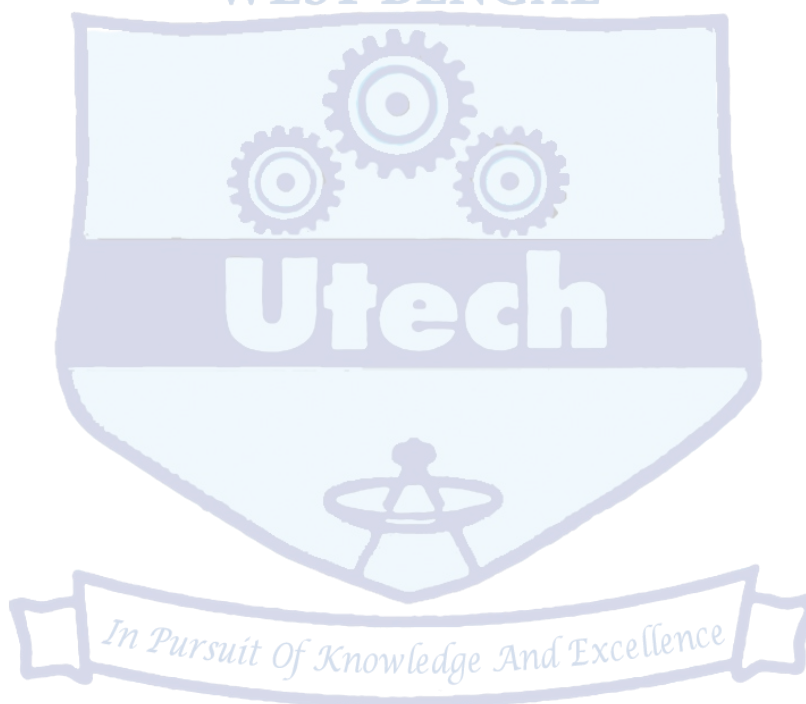
- Microbe-based strategy for plant nutrient management - Shaon Ray Chaudhuri, Rajib Nath, Mathummal Sudarshan, Indranil Mukherjee, Kamlesh Jangid, Sourav Ghosh, Joyeeta Chakraborty, Deepak Gola, Sonali Pardhiya, Antara Chakraborty, Abhinandan Chakraborty, Srimoyee Banerjee, Amrita Saha, Biswajit Samal, Sonakshi De, Madhusmita Mishra and Ashoke Ranjan Thakur in "Wastewater Treatment and Resource Recovery", ISBN 978-953-51-4933-0. Editor - Robina Farooq. INTECH (2017).

### **Patent awarded**

No.(P&D)/Application(Issue)/1961 dt. 24.10.2017

Patent No. : 1005753

Title of Invention: Microbial consortium for nitrate and phosphate sequestration for environmental sustenance





## MAKAUT, WB Centres

### EKTA Incubation Center

EKTA Incubation Centre was set up by WBUT in 2006 with the objective of establishing an Eco-system and Infrastructure, which facilitates start-up companies and entrepreneurs in their efforts to transform laboratory scale technologies into commercial ventures. Incubates and entrepreneurs are provided with office space, broad band facilities, laboratory facilities where required, meeting rooms, document processing facility etc at a concessional rate. Entrepreneurs are made familiar with the laboratory scale technology already developed by close interaction with the research personnel. They receive further guidance from mentors from industries in specific disciplines so that they remain in the right path to ensure customer satisfaction and prepare business plan accordingly. Seed capital is tapped from several alternative sources including those from angel investors. When a product or a process is accepted in the market, entrepreneurs are helped to apply and obtain venture capital from well known Government and non-Government al sources.

Presently the center is located in Sector V in Salt Lake occupying about 3000 sq ft area. Centre is within close proximity of the City Airport. The address is AQ 13/1 Salt lake City, Sector – V Kolkata – 700 091. The website address is <http://www.technologyembryo.com>

EKTA has enrolled itself as a member of Asia Pacific Incubators Network (APIN) in August 2009 and already participated in the global conference organized by APIN at Coimbatore. EKTA is also a member of ISBA - an organization where all the leading incubators of the country are members and its members meet at least once in a year for discussing common challenges and opportunities and how they can be achieved.

WBUT has taken possession of a building of 15, 000 sq. ft on the 3<sup>rd</sup> of August'2009. where all the necessary infrastructure for EKTA as incubator, laboratory, Space for incubates and entrepreneurs with prototypes and pilot plants shall be located. Such facility will span several disciplines such as Information Technology inclusive of Embedded Design, Open Source based Application Software, Biotechnology inclusive of Bioinformatics, Plant Tissue Culture, Floriculture, Medicinal Plants, Diagnostic Applications of PCR, Food Processing technology for textile processing using natural dies, Use of Enzymes in Leather Processing, Silk Processing. Infrastructure in other areas such as Product Design, Mechatronics, Animation Engineering, Graphic Design, Instrument Development Robotics, NDT are also under consideration. Use of Solar Energy is planned for support to normal power supply to the Centre.

#### Objectives of EKTA Incubation Centre :

- Creation of Technology Based incubates on continuous basis.
- Help to create value added jobs and services.
- Fostering the entrepreneurial spirit.
- Create Awareness about Technology Incubation and Commercialization of R & D products and processes.
- Developing tools for Technology Transfer.
- Promote small & medium industries.
- Assistance to existing incubatees by way of specialized services e.g patenting, "Copyright" arrangement of venture capital, helping towards marketing of products & processes.

#### Broad Nature of Activities:

- Provide Incubation Support to In House Incubatees.

- To Develop Virtual Incubation from Students, Research scholars, Faculties, Employees as well as Alumnus of colleges, Affiliated with MAKAUT, WB who will be associated with Ekta-TBI as Members.
- To Provide Recommendation Certificate to Prospective Startups for Startup India Initiative of Govt of India.
- To Organize Awareness Camps for Startups.
- To Provide IPR Related Information & Support to Prospective Startups.
- Mentor Support.
- Grant-in-aid from Ministry of Micro, Small & Medium scale Enterprises (MSME) Govt. of India.
- Soft loan from Technology Development Board (TDB), Govt. of India.
- Bio tech Lab Facilities sponsored by NSTEDB Grant.

#### Contact Address :

Mr. Alok Ray, Member Secretary & Director, EKTA Incubation Centre

Tel : (033) 2367 3978/3949/ 3843, Mobile : +919432014451

E-mail : [info@technologyembryo.com](mailto:info@technologyembryo.com)

### Centre For Genetic Studies

Established in 2007, the centre for genetic counselling strives to be a leader in improving the life of mentally retarded children & for providing Paediatric genetic services. Genetic counselling program is a new frontier in the fight against congenital disorders & genetic diseases. The centre provides genetic counselling and testing to people at increased risk for developing chromosomal disorders and genetic diseases.

The aim of this centre is to help patient and their families faced with a diagnosis of genetic disease to understand the factual information about the disease and the effect it will have on their lives. The centre also provides follow up care for patients and their families. The patients are usually referred from B. C. Roy Children Hospital, Institute of Child Health, Medical College, SSKM Hospital and & other Medical Institutions of West Bengal. Till date, more than 600 patients have been diagnosed for various types of congenital disorders. The following tests are performed in the Centre:

1. Chromosome Analysis & Karyotyping
2. Cancer Cytogenetics Analysis
3. PCR based DNA diagnosis of chromosomal disorders:

The centre has developed cost effective DNA diagnostic method for rapid diagnosis of common chromosomal disorders and sex anomalies. The center is also conducting research in both basic & applied aspects of Human genetics & genetically based diagnostics. The center is receiving continuous help & suggestions from International Collaborators. Collaborative research has also been initiated with R. N. Tagore International Heart Research Centre, National Neurosciences Centre & Bangur Institute of Neurology. In addition to genetic diagnosis and counselling, the centre has organized seminar & workshop and published manuals to train Paediatricians about genetic diseases and their management.

### University Nodal Centers

The university has established five nodal centers covering West Bengal

The colleges situated in Districts	Nodal Centre	Liaison incharge from University
<b>Zone one:</b> Jalpaiguri, Darjeeling, Dinajpur (North & South), Malda, Alipurduar, Coochbehar	Siliguri Institute of Technology	<b>Dr. Indranil Mukherjee</b>



<b>Zone Two :</b> Bankura , Birbhum Burdwan and .Purulia	B.C.Ray Engg College	<b>Dr. Debashis De</b>
<b>Zone Three :</b> Murshidabad, Nadia and North 24 Parganas	JIS college of Engg	<b>Mr. Bivash Mallick</b>
<b>Zone Four :</b> Kolkata Municipal Corporation area,Bidhan Nagar Municipal corporation area and South 24 Parganas		<b>Dr. Madhumita Das Sarkar &amp; Dr. Suparna Biswas</b>
<b>Zone Five :</b> Hooghly, Howrah, East Midnapur, & West Midnapur	Supreme Knowledge Foundation Group of Institutions, Hooghly	<b>Dr. Santanu Phadikar</b>

One extension center has been established at Delhi for Placement and meeting purpose.



Prof. Saikat Maitra and Prof. Moon of Islamic University of Science and Technology, Jammu and Kashmir at the inauguration programme of nodal center of MAKAUT, WB at New Delhi.

## Convocation of the University

The 8<sup>th</sup> Convocation of Maulana Abul Kalam Azad University of Technology, West Bengal was held on 3<sup>rd</sup> May, 2017 in Eastern Zonal Cultural Centre, Salt Lake, North 24 Paraganas. The Convocation was presided by His Excellency the Governor of West Bengal and Chancellor of the University Shri Keshari Nath Tripathi. Padmashri Prof. Ajay Kumar Ray, Director, Indian Institute of Engineering Science and Technology (IIST) delivered the Convocation Address as the Guest in Chief. Dr. Partha Chatterjee, Hon'ble Minister in Charge of the Department of Higher Education Government of West Bengal was the Guest of Honour but due to an unscheduled emergency assignment could not make it to the place of convocation and had sent his message conveying his best wishes to the students passing out of the University. 33 Scholars were awarded their Ph.D Degrees. Bronze, Silver and Gold Medals were awarded to the students in the sequence as noted below:

YEAR	GOLD	SILVER	BRONZE	TOTAL
2012	67	70	74	211
2013	73	70	72	215
2014	71	71	72	214
2015	73	73	73	219
2016	75	74	74	223

The 9<sup>th</sup> Convocation of Maulana Abul Kalam Azad University of Technology, West Bengal was also held in the year 2017 on 7<sup>th</sup> November in the Eastern Zonal Cultural Centre, Salt Lake, North 24 Paraganas. His Excellency the Governor of West Bengal and the Chancellor of the University Shri Keshari Nath Tripathi conferred the Degree of Doctor of Science (Honoris Causa) upon Shri N. R. Narayana Murthy, Chairman Emeritus, Infosys. As Shri N. R. Narayana Murthy couldnot come personally to receive it due to his preoccupation, his wife Smt. Sudha Murthy received it on his behalf. The convocation address was given by Prof. Partha Pratim Chakrabarti, Director, Indian Institute of Technology, Kharagpur. Dr. Partha Chatterjee, Hon'ble Minister in Charge of the Department of Higher Education Government of West Bengal was the Guest of Honour. He couldnot physically attend the convocation but had sent his best wishes for the students.

Medals were awarded to the students as follows:

YEAR	GOLD	SILVER	BRONZE	TOTAL
2017	74	77	69	220

### 8 Scholars were awarded their Ph.D Degrees.

List of Ph.D. Awardees, Convocation -November 2017

	Name of Candidate	Title of The Thesis	Category	Supervisor	Co Supervisor
1	Indraneel Mukhopadhyay	NETWORK SECURITY IN BUSINESS APPLICATION	Technology	Dr. Satyajit Chakrabarti	Dr. Mohuya Chakraborty
2	Tapas Kumar Pal	FORMULATION & EVALUATION OF STANDARD TABLETS AS WELL AS GASTRO RETENTIVE ORAL HERBAL DRUG DELIVERY SYSTEM WITH EXTRACT OF	Pharmacy	Prof. Subhasis Maity	Prof. Tapan Kumar Chatterjee



		BIOPHYTUM SENSITIVUM AS MODEL HYPOGLYCEMIC AGENT			
3	Jyotirmoy Das	IN - SILICOSTUDIES Micro RNA REGULATIONS IN HIGHER EUKARYOTES FROM THE PERSPECTIVE OF MOLECULAR EVOLUTION	Technology	Prof. Tapash Chandra Ghosh	
4	Avisek Mahapa	STUDIES ON THE STRUCTURE, STABILITY AND THE FOLDING MECHANISM OF THE GLOBAL VIRULENCE REGULATOR Sar A of Staphylococcus aureus	Technology	Dr. Keya Sau	
5	Subhrangshu Supakar	SOME BIOPHYSICAL STUDIES ON MELANIN INCLUDING INTERACTIONS WITH METAL IONS	Technology	Prof. Tarun Jha	
6	Sibaram Paria	SCREENING OF A ETHNOBOTANICAL HERB FOR ITS ANTIMICROBIAL ACTIVITY	Pharmacy	Dr. Musfiqua Mookerjee	Prof. Subhasis Maity
7	Debarka Mukhopadhyay	STUDY ON QUANTUM - DOT CELLULAR AUTOMATA BASED CIRCUIT DESIGN, TESTING AND ANALYSIS	Technology	Prof. Paramartha Dutta	
8	Arindam Mondal	IDENTIFICATION AND CONTROL OF A CLASS OF FINITE DIMENSIONAL SYSTEMS IN COMPLEX DELTA DOMAIN	Technology	Prof. Prasanta Sarkar	

## Sports

The University has got a specific budgetary provision for promotion of sports and cultural activities. It has got a Sports Board which undertakes the sports activities among the affiliated colleges and University. It also organizes/hosts inter University sports meet.

The University regularly arranges for training of different sports activities and sends the University team in National sports activities, organized by different University throughout India

### Inter College Sports event organized by University

The university organized the inter college sports

**Zone One 1:-** Jalpaiguri, Darjeeling ,Coochbehar, Dinajpur (North & South ), Malda, Bankura , Birbhum and Burdwan (East & West)

Name of the Event	Name of Host College	Participated Colleges
Football	Dr. B.C.Roy Engg. College, Durgapur	16 colleges
Table Tennis	NSHM Academy Durgapur	9 Colleges
Chess	Bengal College of Engg. & Technology, Durgapur	10 colleges

Cricket	Bankura Unnyaani Institute of Engg	XX
Badminton(Boys & Girls)	BITM- Santiniketan	XX



**Zone Two 2: -Howrah , East Midnapur, West Midnapur & Hooghly**

Name of the Event	Name of Host College	
Football	College of Engg. & Mgmt. , Kolaghat	9 colleges
Table Tennis	Supreme Knowledge Foundations	xx
Chess	MCKV I E , Liluah	5 colleges
Cricket ( <b>Jointly with Zone-4</b> )	Institute of Science & Technology,Chandrakona, .and Supreme Knowledge Foundations, .and Budge Budge Institute of Technology	12 Colleges
Badminton(Boys & Girls)	Seacom Engg College	8 Colleges



Girls)

**Zone Three 3:-** Murshidabad, Nadia and North 24 Parganas.

Name of the Event	Name of Host College	
Football	JIS College of Engineering	10 colleges
Table Tennis	Dr. Sudhir Ch. Sur Degree Engg. College	8 colleges
Chess	Narula Institute of Technology	8 colleges
Cricket	Gurunanak Institute of Technology	8 Colleges
Badminton(Boys & Girls)	Techno India College of Technology,Rajarhat	12 Colleges

**Zone Four 4:-** South 24 Parganas, Kolkata Municipal Corporation Area & Bidhnnagar Municipal Area

Name of the Event	Name of Host College	
Football	Budge Budge Institute of Technology	14 colleges
Table Tennis	NSHM, Kolkata	12 colleges
Chess	BP Poddar Institute of Tech. & Mgmt.	10 colleges
Cricket ( <b>Jointly with Zone-2</b> )	Institute of Science & Technology,Chandrakona, .and Supreme Knowledge Foundations .and Budge Budge Institute of Technology	12 Colleges
Badminton(Boys & Girls)	Techno India, Batanagar	15 Colleges

**Volley ball**

Name of the Event	Name of Host College	
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Volleyball	Dr. B.C.Roy Engg. College, Durgapur Elite College of Engg, Sodepur	16 Colleges
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**Basketball [Centrally]**

Name of the Event	Name of Host College	
Basketball( Boys & Girls)	Academy of Technology	20 Colleges

**Gymnasium**

At the ground floor of the University a gymnasium has been functioning at a modest level. It has the necessary workout instruments including the Multigym, Treadmills, Stationary Bike, Body Rail, Weights, Twister, etc. It was a shower closet at one corner. Time allotment has been done for the users. It is open from 8AM to 8PM.

**Inter College Meet****Rowing**

University Rowing Team participated in All India Inter University Rowing Championship 2017-18 at Panjab University, Chandigarh and won one gold medal and one silver medal.



## Table Tennis



East zone inter University Table Tennis competition at KIIT University Bhubaneswar .

*In Pursuit Of Knowledge And Excellence*

## National Service Scheme

### NSS Report

Dr. Md. Aftabuddin is acting as NSS Coordinator of MAKAUT, WB. In 2018 sixty three colleges affiliated to MAKAUT, WB have maintained one unit of NSS containing 100 volunteers each. One Programme Officer has been assigned in each college. The NSS volunteers under the supervision of the Programme Officer are performing the various NSS jobs. The following outcome has been achieved.

### List of Colleges affiliated to MAKAUT, WB having NSS Unit

Colleges with Government Funded Unit	
Sr.	Name of College
1	Cooch Behar Government Engineering College
2	Government College of Engineering and Leather Technology
3	Govt. College of Engineering & Ceramic Technology
4	Govt. College of Engineering & Textile Technology, Berhampore
5	Govt. College of Engineering & Textile Technology, Serampore
6	Jalpaiguri Government Engineering College
7	Kalyani Government Engineering College

Colleges with Self Financed Unit	
Sr.	Name of College
1	Academy of Technology
2	Asansol Engineering College
3	B. P. Poddar Institute of Management & Technology
4	B. P. Poddar Institute of Management & Technology
5	Bankura Unnayani Institute of Engineering
6	Batanagar Institute of Engineering, Management and Science
7	Bengal College of Engineering and Technology
8	Bengal Institute of Technology
9	Bengal Institute of Technology & Management
10	Bengal School of Technology
11	Budge Budge Institute of Technology
12	Calcutta Institute of Engineering and Management
13	Camelli Institute of Technology & Management
14	Camellia Institute of Engineering & Technology
15	Camellia Institute of Technology
16	Camellia School of Engineering & Technology



17	College of Engineering and Management, Kolaghat
18	Dr. B. C. Roy Engineering College, Durgapur
19	Dr. Sudhir Chandra Sur Degree Engineering College
20	Dream Institute of Technology
21	Durgapur Institute of Advanced Technology & Management
22	Future Institute of Engineering and Management
23	Future Institute of Technology
24	Gargi Memorial Institute of Technology
25	George College
26	Global Institute of Management and Technology
27	Gupta College of Technological Sciences
28	Guru Nanak Institute of Technology
29	Haldia Institute of Technology
30	Heritage Institute of Technology
31	Hooghly Engineering & Technology College
32	ILEAD Institute of Leadership Entrepreneurship & Development
33	Institute of Engineering & Management
34	Institute of Genetic Engineering
35	JIS College of Engineering
36	Mallabhum Institute of Technology
37	MCKV Institute of Engineering
38	Meghnad Saha Institute of Technology
39	Modern Institute of Engineering & Technology
40	Narula Institute of Technology
41	Netaji Subhash Engineering College
42	NSHM College of Management & Technology, Durgapur
43	NSHM College of Management & Technology, Kolkata
44	NSHM Knowledge Campus, Durgapur-Group of Institutions
45	RCC Institute of Information Technology
46	Regent Education & Research Foundation Group of Institute
47	Sabita Devi Education Trust – Brainware Group of Institutions
48	Saroj Mohan Institute of Technology
49	Siliguri Institute of Technology
50	Siliguri Institute of Technology
51	St. Mary's Technical Campus Kolkata
52	St. Thomas College of Engineering and Technology

53	Supreme Knowledge Foundation Group of Institutions
54	Swami Vivekananda Institute of Science & Technology
55	Techno India
56	Techno India – Banipur
57	Techno India College of Technology
58	Techno India, Kolkata
59	Techno India, Salt Lake



**Allocation : 6600**

Enrollment during the four quarter	Progressive Total of Enrollment							
	Male	Female	Total	Gen	SC	ST	OBC	Minority
2371	1640	731	2371	1608	237	60	315	151
769	2125	1015	3140	2142	330	84	398	186
656	2646	1150	3796	2588	403	92	473	240
324	2876	1244	4120	2811	440	98	508	263

## Special Camp

Camps conducted during the four quarters	Participation in the Camps							
	Male	Female	Total	Gen	SC	ST	OBC	Minority
0	51	29	80	34	6	8	18	14
1	63	26	89	37	5	7	19	21



2	70	41	111	50	11	10	24	16
0	0	0	0	0	0	0	0	0


**Villages/Slums Adopted** (Names of Adopted village/slum against unit of each college)

- Ø Swami Vivekananda Institute of Science & Technology-(241)SC001 - Gobindopur
- Ø St. Mary's Technical Campus Kolkata-(286)SC001 - Mallicapur, Narayanpur
- Ø Gupta College of Technological Sciences-(124)SC001 - Bootpara (Asansol adjacent villages).
- Ø NSHM Knowledge Campus, Durgapur-Group of Institutions-(273)SC001 - Nadiha
- Ø St. Mary's Technical Campus Kolkata-(286)SC001 - Mallicapur, Suryapur (paschim) , Narayanpur, Belu Narayan Pukuria
- Ø Camellia Institute of Engineering & Technology-(271)SC001 - Kuchidanga (near Mankar)
- Ø Camellia Institute of Engineering & Technology-(271)SC001 - Ranigunj tribal village
- Ø Bengal College of Engineering and Technology-(125)SC001 - Bhairibtala, Rajbandh
- Ø Camellia Institute of Technology-(230)SC001 - Mathpara
- Ø St. Mary's Technical Campus Kolkata-(286)SC001 - Saibona, Birlagate& Narayanpur
- Ø B. P. Poddar Institute of Management & Technology-(301)SC001 - A slum in Salt Lake near Central park.
- Ø Camellia Institute of Engineering & Technology-(271)SC001 - Burir bandh tribal village, Mankar
- Ø Camellia Institute of Engineering & Technology-(271)SC001 - Saheb Danga, Mankar

**Blood Donation Camps Organised**

**(Names of colleges conducted blood donation camps with date and place of camps)**

- Ø MCKV Institute of Engineering-(116) - 13/05/17 - Belur police station
- Ø Bengal College of Engineering and Technology-(125) - 20/04/2017 - RTIICS Kolkata
- Ø Bengal College of Engineering and Technology-(125) - 15/05/2017 - Mission Hospital
- Ø Camellia Institute of Engineering & Technology-(271) - May, 2017 - CIET college campus
- Ø Techno India, Kolkata-(226) - 02/05/2017 - Techno India, Kolkata
- Ø Bengal College of Engineering and Technology-(125) - 10/08/17 - Mission Hospital, Durgapur
- Ø Bengal College of Engineering and Technology-(125) - 17/08/17 - Vivekananda Hospital, Durgapur
- Ø Bengal College of Engineering and Technology-(125) - 12/09/2017 - Mission Hospital, Durgapur
- Ø Guru Nanak Institute of Technology-(143) - 15.09.17 - GNIT campus
- Ø Bankura Unnayani Institute of Engineering-(105) - 19.9.2017 - BUIE
- Ø B. P. Poddar Institute of Management & Technology-(115) - 14/10/2017 - B.P. Poddar Institute of Management & Technology
- Ø Bengal College of Engineering and Technology-(125) - 10/11/2017 - Mission Hospital, Durgapur, West Bengal
- Ø Bengal College of Engineering and Technology-(125) - 19/11/2017 - A Zone, Durgapur, West Bengal
- Ø Bengal College of Engineering and Technology-(125) - 09/10/2017 - Mission Hospital, Durgapur
- Ø Budge Budge Institute of Technology-(276) - 2.7.2017 - JIMSH
- Ø Budge Budge Institute of Technology-(276) - 4.08.17 - Budge Budge Institute of Technology
- Ø Techno India-(309) - Nov. 02 & 07, 2017 - Techno India Campus
- Ø Netaji Subhash Engineering College-(109) - 08/11/2017 - Netaji Subhash Engg. College
- Ø B. P. Poddar Institute of Management & Technology-(301) - 17.10.2017 - College Premises
- Ø Dream Institute of Technology-(209) - 14/10/2017 - college campus
- Ø MCKV Institute of Engineering-(116) - 14/3/2018 - MCKVIE
- Ø Bengal College of Engineering and Technology-(125) - 15/02/18 - Mission Hospital, Durgapur, West Bengal
- Ø Bengal College of Engineering and Technology-(125) - 18/01/2018 - Durgapur, West Bengal
- Ø Bengal College of Engineering and Technology-(125) - 20/03/2018 - IQ City Narayana Multispeciality Hospital, Durgapur
- Ø Mallabhum Institute of Technology-(158) - 19.01.2018 - Mallabhum Institute Of Technology College Campus
- Ø Modern Institute of Engineering & Technology-(269) - 10-02-2018 - College Campus
- Ø Supreme Knowledge Foundation Group of Institutions-(253) - 17/03/2018 - Institute Campus
- Ø Camellia School of Engineering & Technology-(238) - 16/02/2018 - CSET, Barasat
- Ø Gupta College of Technological Sciences-(124) - 13.02.18 - Gupta College of Technological Sciences
- Ø Future Institute of Technology-(342) - 16 March 2018 - College campus
- Ø Bankura Unnayani Institute of Engineering-(105) - 29.1.18 - Kowarpur
- Ø Bengal Institute of Technology-(121) - 06/02/2018 - BIT

**Trees planted** (Names of colleges conducted plantation programme with date and place of programme)

- Ø Govt. College of Engineering & Textile Technology, Serampore-(110) - 3-5th April-Inside GCETTS premises
- Ø Govt. College of Engineering & Textile Technology, Serampore-(110) - 25 and 26th May-Campus of GCETTS
- Ø Govt. College of Engineering & Ceramic Technology-(113) - 12/04/17-College Campus
- Ø Govt. College of Engineering & Ceramic Technology-(113) - 29/05/17-College Campus
- Ø Govt. College of Engineering & Ceramic Technology-(113) - 05/05/17-College Campus
- Ø Swami Vivekananda Institute of Science & Technology-(241) - 10/04/2017-COLLEGE GROUND



ø Camellia School of Engineering & Technology-(238) - 10-15/04/2017-CSET Campus  
 ø Camellia School of Engineering & Technology-(238) - 22-24/05/17-CSET Barasat  
 ø Bankura Unnayani Institute of Engineering-(105) - 15.06.2017-BUIE  
 ø St. Thomas College of Engineering and Technology-(122) - 10.04.2017-St. Thomas' College of Engineering and Technology  
 ø Government College of Engineering and Leather Technology-(112) - 14/09/2017-College garden  
 ø Govt. College of Engineering & Ceramic Technology-(113) - 14/07/17-college campus  
 ø RCC Institute of Information Technology-(117) - 07.09.2017-College premises  
 ø NSHM College of Management & Technology, Kolkata-(234) - 07/08/2017-Tollygunge  
 ø George College-(133) - 20/05/2017-Sealdah  
 ø Camelli Institute of Technology & Management-(257) - 26.8.2017-CITM Campus  
 ø Camelli Institute of Technology & Management-(257) - 12.7.17-CITM Campus  
 ø B. P. Poddar Institute of Management & Technology-(301) - 16.09.2017-B.P.P.I.M.T. Salt Lake premises  
 ø Bankura Unnayani Institute of Engineering-(105) - 20/7/17-BUIE  
 ø Bankura Unnayani Institute of Engineering-(105) - 06.09.2017-BUIE HOSTEL CAMPUS  
 ø Camellia Institute of Engineering & Technology-(271) - 15th August-College Campus  
 ø Government College of Engineering and Leather Technology-(112) - 12/10/2017-College garden  
 ø Budge Budge Institute of Technology-(276) - 10.11.2017- Budge Budge Institute of Technology  
 ø Budge Budge Institute of Technology-(276) - 11.11.2017- Budge Budge Institute of Technology  
 ø Budge Budge Institute of Technology-(276) - 27.10.17- Budge Budge Institute of Technology  
 ø Budge Budge Institute of Technology-(276) - 11.10.17- Budge Budge Institute of Technology  
 ø Budge Budge Institute of Technology-(276) - 25.10.17- Budge Budge Institute of Technology  
 ø Camellia Institute of Technology-(230) - 15/08/2017-College Campus  
 ø Camellia School of Engineering & Technology-(238) - 28/10/2017-CSET, Barasat  
 ø Dream Institute of Technology-(209) - 08/11/2017-College Campus  
 ø Govt. College of Engineering & Textile Technology, Serampore-(110) - 5/2/2018-Campus of GCETTS  
 ø Govt. College of Engineering & Textile Technology, Serampore-(110) - 19th and 20th January 2018-  
 Government College of Engineering & Textile Technology, Serampore  
 ø Government College of Engineering and Leather Technology-(112) - 09/02/2018-college ground and garden  
 ø Government College of Engineering and Leather Technology-(112) - 24/03/2018-College Garden  
 ø Budge Budge Institute of Technology-(276) - 10.03.2018- Budge Budge Institute of Technology  
 ø St. Thomas College of Engineering and Technology-(122) - 03.01.2018-St. Thomas' College of Engineering and Technology

#### Pulse Polio Immunization programme :

(Names of colleges taken up pulse polio programme with date and place of programme)

ø St. Mary's Technical Campus Kolkata-(286) - 03/05/2017 - MALLICAPUR

#### No. of Programme Officers existing

Male : 51

Female: 15

Total: 66

#### No. of Trained Programme Officers

Male : 22

Female: 4

Total: 26

#### Other activities undertaken : (Names of colleges involved in other activities with date and place of activity)

ø B. P. Poddar Institute of Management & Technology-(115) - Cleanliness drive - 23.04.2017 - Baishaki-Kestapur adopted slum

ø B. P. Poddar Institute of Management & Technology-(115) - Tuitions for under privileged children -

02.04.17,09.04.17,16.04.17,23.04.17,30.04.17 - Baishaki-Kestapur adopted slum

ø B. P. Poddar Institute of Management & Technology-(115) - Celebration of International day of Yoga 2017 - 21/06/2017 - B.P. Poddar Institute of Management & Technology

ø B. P. Poddar Institute of Management & Technology-(115) - Awareness Program on Environmental Hazards of Electronic Waste, a Program under "Digital India Initiative", Kolkata - 20/05/2017 - B.P. Poddar Institute of Management and Technology

ø B. P. Poddar Institute of Management & Technology-(115) - Tution for under priviledged children at adopted slum - 7/05/2017, 14/05/2017, 21/05/2017 & 28/05/2017 - Baishakhi-Kestapur slum

ø MCKV Institute of Engineering-(116) - Rota Sports - 8th,9th April,2017 - MCKV Institute of Engineering

ø MCKV Institute of Engineering-(116) - Adult Literacy "Agrasar". It's a continuous process for a year. Taking classes twice weekly. - Weekly twice - MCKV INSTITUTE OF ENGINEERING. LILUAH

ø JIS College of Engineering-(123) - yaga day - 21.06.2017 - jisce

ø Narula Institute of Technology-(127) - celebrate world yoga day - 21/06/2007 - Narula Institute of Technology, Agarpara

ø Guru Nanak Institute of Technology-(143) - celebration of International Yoga Day - 21.06.2017 - GNIT Campus

ø Guru Nanak Institute of Technology-(143) - We are planning to organize an awareness program on 'Wastage of excess food' - 29/05/2017 - Guru Nanak Institute of Hotel Management

ø Mallabhum Institute of Technology-(158) - Literacy Programme of the childrens of MIT surroundings under developed villages - Twice in a week - MIT College Campus

ø Supreme Knowledge Foundation Group of Institutions-(253) - Slum Visit - 22/04/2017 - Mankundu Slum

ø Supreme Knowledge Foundation Group of Institutions-(253) - Slum Visit - 19/06/2017 - Mankundu Slum

ø Supreme Knowledge Foundation Group of Institutions-(253) - Slum Visit - 24/05/2017 - Mankundu Slum

ø NSHM Knowledge Campus, Durgapur-Group of Institutions-(273) - Advantages of demonetization - 03/04/2017 - arrah village,Muchipara

ø St. Mary's Technical Campus Kolkata-(286) - TRAFFIC AWARENESS CAMP - 17/05/2017 - MATHARANGI

ø B. P. Poddar Institute of Management & Technology-(301) - Extempore - 11.4.2017 - BPPIMT salt Lake campus

ø B. P. Poddar Institute of Management & Technology-(301) - NSS VOLUNTEERS MEET - 20.5.2017 - SALT LAKE CAMPUS

ø Bankura Unnayani Institute of Engineering-(105) - 'Swach Bharat' Programme - 1.4.17 - College Campus

ø Bankura Unnayani Institute of Engineering-(105) - Inauguration Programme of 'Solar Power Project'(40KV) by Prof. Saikat Maitra,Hon'ble VC,MAKUT - 15.06.17 - BUIE

ø Bengal Institute of Technology-(121) - Community Development Programme - 16/02/2017 - Bengal Institute of Technology

ø Bengal Institute of Technology-(121) - Poster Making - Aug, Sep, Oct, & Nov Months - Bengal Institute of Technology

ø Bengal Institute of Technology-(121) - Spreading of Bleaching Powder - Aug, Sep, Nov, Dec - 1 no Govt. Colony, Bantala

ø Techno India, Kolkata-(226) - A sit & draw competition was held for NGO children - 25/04/2017 - Techno India, Kolkata

ø Techno India, Kolkata-(226) - A poster making contest and exhibition was also held and a number of posters on different social, environmental and health related issues were displayed - 25/04/2017 - Techno India, Kolkata

ø Techno India, Kolkata-(226) - A panel discussion was held on the topic- "Social media does more harm than good to the youth". The panelists were- Ms. Anindita Mukherjee, Eastern region Head , CRY; and Ms. Saira Shah Halim, writer, educator, theatre personality, corporate trainer and a social activist. The discussion was moderated by Mr. Ashoke Vishwanathan, educator, theatre personality and film director. - 25/04/2017 - Techno India, Kolkata



- ø Techno India, Kolkata-(226) - Dance perf - 25/04/2017 - Techno India, Kolkata
- ø Govt. College of Engineering & Textile Technology, Serampore-(110) - 1 week campus Cleaning by 15-17 Batch - 31st July to 5 August 2017 - GCETT, Serampore Campus
- ø Govt. College of Engineering & Textile Technology, Serampore-(110) - Celebration of Independence day by the College, Students and Staffs on 15th August - 15.08.2017 - GCETT, Serampore Campus
- ø B. P. Poddar Institute of Management & Technology-(115) - NSS Orientation Program for Freshers - 10/08/17 to 12/08/17 - B.P. Poddar Institute of Management and Technology
- ø B. P. Poddar Institute of Management & Technology-(115) - Independence Day Celebration - 15/08/17 - B. P. Poddar Institute of Management & Technology
- ø B. P. Poddar Institute of Management & Technology-(115) - Sadbhavana Diwas Day - 19/08/17 - B.P. Poddar Institute of Management & Technology
- ø B. P. Poddar Institute of Management & Technology-(115) - Swachha Bharat Pakhwada 2017 - 01/09/2017 to 15/09/2017 - Institute Premises, Boys and Girls Hostel of the Institue, Slums and selected urban areas
- ø MCKV Institute of Engineering-(116) - Maitra (Friendship day) - 6/8/17 - Belur Police Station
- ø MCKV Institute of Engineering-(116) - Snehasutra - 7/8/17 - Lal Baba Ashram
- ø MCKV Institute of Engineering-(116) - Bandhan - 6/8/17 - Asha Niketan LA'ARCHE', Tangra
- ø MCKV Institute of Engineering-(116) - Bandhanam - 7/8/2017 - Lal Baba Ashram
- ø MCKV Institute of Engineering-(116) - Azaadi - 15/8/17 - MCKVIE college Campus
- ø Siliguri Institute of Technology-(119) - Orientation program for new volunteers cum Swachhta abhijan - 05.08.17 - SIT
- ø Siliguri Institute of Technology-(119) - Swaachta Abhijan - 16.09.17 - Ward no. 3, Siliguri Municipal Corporation
- ø JIS College of Engineering-(123) - dengue awareness - 16.09.17 - Kancharapara
- ø Narula Institute of Technology-(127) - 15th August celebration - 16th August 2017 - college
- ø Guru Nanak Institute of Technology-(143) - We have organized a workshop on adventure sports and rock climbing in collaboration with 'Plume Adventure' organization - 04.08.2017 - GNIT Campus
- ø Guru Nanak Institute of Technology-(143) - An initiative was taken to clean up the surroundings of our college in collaboration with local municipality. - 19/7/17 to 26/7/17 - GNIT campus surrounding locality
- ø Guru Nanak Institute of Technology-(143) - Cleaning activity to celebrate Swachhta-Pakhwada drive - 5.9.17 - GNIT
- ø Guru Nanak Institute of Technology-(143) - Essay competition on "What can I do for clean India?" to celebrate Swachhta-Pakhwada drive - 11.09.17 - GNIT
- ø Mallabhum Institute of Technology-(158) - Literacy Programme of the Children of MIT surroundings under developed village - 15.08.17,16.08.17,22.08.17,23.08.17 - MIT College Campus
- ø Mallabhum Institute of Technology-(158) - Literacy Programme of The Children Of MIT surroundings under developed village - Every working Tuesday and Wednesday Per week - MIT college Campus
- ø Techno India College of Technology-(187) - awareness campaign - 28.08.17 - tict campus
- ø Techno India College of Technology-(187) - Card making competition on the - -
- ø Supreme Knowledge Foundation Group of Institutions-(253) - Made a Wall Magazine on " Save the Girl Child" and put up in the college Notice Board - 12/08/2017 - Institute Campus
- ø Supreme Knowledge Foundation Group of Institutions-(253) - Donated old clothes, dry food and money for the flood stricken people and handed them over to Swami Dibyananda ji at the Ramakrishna Mission, Belur - 09/08/2017 - Institute Campus
- ø Supreme Knowledge Foundation Group of Institutions-(253) - Slum Visit - 22/07/2017 - Mankundu Slum
- ø Supreme Knowledge Foundation Group of Institutions-(253) - Slum Visit - 16/09/2017 - Mankundu Slum
- ø George College-(133) - Awarness of advereffect of Blue Whale Game - 18/09/2017 - B.B. Ganguly Street Bowbazar Kolkata - 700012
- ø Camellia School of Engineering & Technology-(238) - Independence Day celebration - 15/08/2017 - CSET
- ø Camellia School of Engineering & Technology-(238) - Cleaning of CSET premises - 22-26/07/2017 - CSET

Ø St. Mary's Technical Campus Kolkata-(286) - SCHOLARSHIP AWARENESS PROGRAMME - 20/09/2017 - SAIBONA

Ø Gupta College of Technological Sciences-(124) - E-waste removal programme - 29.07.17 - College

Ø Gupta College of Technological Sciences-(124) - Swatch Bharat - 5.8.17 - College campus

Ø Gupta College of Technological Sciences-(124) - Clean Asansol Green Asansol - 12.8.17 - College campus

Ø Gupta College of Technological Sciences-(124) - Maintenance of Medicinal plant garden - 19.8.17 - Medicinal garden

Ø Gupta College of Technological Sciences-(124) - Clean Asansol Green Asansol at Asansol busstand - 16.09.2017 - Asansol

Ø Gupta College of Technological Sciences-(124) - Vector borne disease control - 23.09.2017 - Gupta College campus

Ø B. P. Poddar Institute of Management & Technology-(301) - Poster making competition on " The trap of online games" - 20.09.2017 - B.P.P.I.M.T. Salt Lake Campus

Ø B. P. Poddar Institute of Management & Technology-(301) - Preparing Wall Magazine on " Child Labour is a threat to our society" - 20.09.2017 - B.P.P.I.M.T.Salt Lake Campus

Ø Bankura Unnayani Institute of Engineering-(105) - "Smile and Sporso" Programme - 15.08.17 - Near Bankura Railway Station

Ø Bankura Unnayani Institute of Engineering-(105) - Donation to the Indian Association for Blind. - 18.9.17 - BUIE

Ø Bankura Unnayani Institute of Engineering-(105) - DONATION FOR FLOOD RELIEF - 30.8.17 - FOR NORTH BENGAL

Ø Bankura Unnayani Institute of Engineering-(105) - Debate Competetion on "Effectiveness of Women Empowerment in Modern India" - 19.9.17 - BUIE

Ø Bengal Institute of Technology-(121) - Poster Making - 17/08/17 - BIT

Ø Bengal Institute of Technology-(121) - Campus Cleaning - 08/09/2017 - BIT

Ø Camellia Institute of Engineering & Technology-(271) - celebration of 15th August - 15th August - college Campus

Ø Camellia Institute of Engineering & Technology-(271) - Campus Cleaning Programme - 23rd July, 2017 - College Campus

Ø St. Thomas College of Engineering and Technology-(122) - Plantation - 22.08.2017 - College Campus

Ø Govt. College of Engineering & Textile Technology, Serampore-(110) - Campus cleaning - 12/2/2018 - GCETTS campus

Ø Govt. College of Engineering & Textile Technology, Serampore-(110) - Campus cleaning for student feat - 15-18th January 2018 - Government College of Engineering & Textile Technology, Serampore

Ø B. P. Poddar Institute of Management & Technology-(115) - International Women's Day - 08/03/2018 - B.P. Poddar Institute of Management and Technology

Ø MCKV Institute of Engineering-(116) - Badminton tournament - 17/2/18 - MCKVIE

Ø MCKV Institute of Engineering-(116) - cricket tournament - 18/2/18 - MCKVIE

Ø MCKV Institute of Engineering-(116) - SMILES(community service - 25/2/18 - Rabindra Sarovar Lakeside

Ø MCKV Institute of Engineering-(116) - Cancer Awarness Programme - 3/2/18 - Bharatiya Bhasa Parishada, 36A, Shakespeare Sarani, Kolkata

Ø MCKV Institute of Engineering-(116) - Athulya - 14/3/2018 - Uttarpara old age home

Ø MCKV Institute of Engineering-(116) - karukrit - 15/3/2018 - Choubey School

Ø MCKV Institute of Engineering-(116) - Suraksha - 15/3/2018 - Belur police station

Ø MCKV Institute of Engineering-(116) - Shine - 16/3/2018 - MCKVIE

Ø MCKV Institute of Engineering-(116) - Safe Drive & Save Life - 21/3/2018 - Belur Bazar, bally bazar , Salkia

Ø MCKV Institute of Engineering-(116) - Agrasar - 15/3/ - MCKVIE

Ø Siliguri Institute of Technology-(119) - Walk for Book - 12.02.2018 - Siliguri

Ø Bengal College of Engineering and Technology-(125) - Aasha Social Cultural Event - 24-26/02/18 - BCET



- ø Narula Institute of Technology-(127) - 26th January celebration, mother language day celebration - 26/01/2018, 22/02/2018 - Our college campus
- ø Narula Institute of Technology-(127) - Birth day celebration of Swami Vibekananda - 12/01/2017 - Kamarhati
- ø Narula Institute of Technology-(127) - Child abuse, Women abuse - 15/03/2018, 16/03/2018 - Narula Institute of Technology, Agarpara
- ø Guru Nanak Institute of Technology-(143) - Made application to the Chairman of Panihati Municipality for supplying the treated surface water (under Ganga Action Plan project) to entire Guru Nanak College campus. - 05/02/2018 - GNIT campus
- ø Guru Nanak Institute of Technology-(143) - The volunteers were taken to the Water Treatment Plant (under Ganga Action Plan Project) for better understanding about the entire water treatment process and also as industry visit - 23/02/2018, 27/02/2018 - Water Treatment Plant, Sodepur, Kolkata
- ø Mallabhum Institute of Technology-(158) - Literacy Programme Of the Children Of MIT Surroundings under developed countries - Every Week Tuesday & wednesday(09.01.2018,10.01.2018,16.01.2 - Mallabhum Institute Of Technology College Campus
- ø Mallabhum Institute of Technology-(158) - Literacy Programme of The Children of MIT surroundings under developed village - 05.03.18,08.03.18,12.03.18,19.03.18,22.03.18 - MIT college campus
- ø Techno India College of Technology-(187) - Because u re special-A day of love touch &care in pally unnayan samiti ,south 24parganas, a daycare support centre for special children supported by l'albero Della vita - 13.02.18 - South 24parganas
- ø Techno India College of Technology-(187) - A Deriving safety & Road safety campaign for women & seminar by Honda Automobiles Pvt. - 06.03.2018 ,07.03.2018,08.03.2018 - Techno India College of Technology Campus
- ø Techno India College of Technology-(187) - Martial Arts Training Workshop 'Atma raksha' in association with Indian School of Martial Arts. - 08.03.18 - Techno India College of Technology Seminar Hall
- ø Techno India College of Technology-(187) - A Seminar on Corporate Social Responsibility in association with Portea - 17.03.18 - Techno India Group Campus,DN-25 ,Sector V ,Saltlake.
- ø Techno India-(309) - Clebrated NSS Fest - Mar 21, 2018 - Techno India, Salt Lake
- ø Supreme Knowledge Foundation Group of Institutions-(253) - Feeding the slum children of Mankundu slum - 01/02/2018 - College Canteen, Mankundu
- ø Supreme Knowledge Foundation Group of Institutions-(253) - Donating clothes to slum dwellers - 13/03/2018 - Mankundu Slum
- ø George College-(133) - Workshop on Yoga for Mental and Physical Fitness - 11/02/2018 - George College
- ø George College-(133) - Health and Sports Warness - 15/03/2018 - Different Schools
- ø Gupta College of Technological Sciences-(124) - Swachh Bharat Abhiyan - 3rd Feb 2018 - Gupta College of Technological Sciences
- ø Gupta College of Technological Sciences-(124) - Swachh Bharat Abhiyan - 10th Feb 2018 - Gupta College of Technological Sciences
- ø ILEAD Institute of Leadership Entrepreneurship & Development-(289) - Introduction of street library - 02.01.2018 - ILEAD campus
- ø B. P. Poddar Institute of Management & Technology-(301) - Seminar on usefulness of literacy campaign for street children - 22nd January,2018 - college seminar hall
- ø B. P. Poddar Institute of Management & Technology-(301) - Celebration of Women's day - 8th March,2018. - college seminar hall
- ø Future Institute of Technology-(342) - THALASSEMIA SCREENING CAMP - 8 March - CAMPUS
- ø Bankura Unnayani Institute of Engineering-(105) - 'Bastradan programme' - 26.1.18 - Bikna
- ø Bengal Institute of Technology-(121) - Community Development Programme - 07/02/2018 - BIT
- ø Govt. College of Engineering & Textile Technology, Serampore-(110) - Project Report submission by 1st

year batch 2017-2018 - 21st November 2017 - Serampore

Ø Govt. College of Engineering & Ceramic Technology-(113) - Tap -Water leakage checking - 15.11.2017 - Outside College campus

Ø Govt. College of Engineering & Ceramic Technology-(113) - Program Officer and nine Student Volunteers attended interaction session with Honourable Union Minister, Ministry of Youth Affairs & Sports, Govt. of India - 29/10/2017 - Amity University, New Town, Rajarhat

Ø B. P. Poddar Institute of Management & Technology-(115) - Vigilance Awareness Week - 30/11/2017 to 4/11/2017 - B. P. Poddar Institute of Management & Technology

Ø MCKV Institute of Engineering-(116) - UMMEED(noble cause of raising funds for poor people to light up few solar lamps where it is needed the most. - 15/10/2017 - MCKVIE

Ø Siliguri Institute of Technology-(119) - Blanket distribution to the old needy people - 21/10/17 - Pathagata, Silguri

Ø Bengal College of Engineering and Technology-(125) - Food & clothe Distribution - 15/10/2017 - Bhairob tala, Ragbandh

Ø Narula Institute of Technology-(127) - christmas celebration - 22/12/2017 - Narula Institute of Technology, Agarpara

Ø Narula Institute of Technology-(127) - Visit Orphan edge and Old age home - 18/10/2017 - Crawl Society, Dayadan, Bhalobasa, etc

Ø Guru Nanak Institute of Technology-(143) - Poster preparation on "Women Empowerment" and exhibition - 21.12.2017 - GNIT campus

Ø Guru Nanak Institute of Technology-(143) - Donation of Money to Bharat Sevasram Sangha and Ramkrishna Mission Barrackpore from the pocket money of the students - 21.12.2017 - GNIT Campus

Ø Guru Nanak Institute of Technology-(143) - Donation of old clothes of the students to Ramkrishna Mission Barrackpore - 21.12.2017 - GNIT Campus

Ø Guru Nanak Institute of Technology-(143) - Celebration of Dewali and distribution of sweets and fruits to all the inmates of two different oldage home at Sodepur namely, 'Sambit Dwijaraj Briddhashram' and 'Ramkrishna Briddhasram'. - 18/10/2017 - At the place of two different oldage home, Sodepur, Kolkata-114

Ø Techno India College of Technology-(187) - A visit and donation of old books to Ramakrishna Mission and vivekananda's Ancestral House and culture - 19.12.17 - Ramakrishna Mission and vivekananda's Ancestral House and culture

Ø Techno India College of Technology-(187) - National Service Scheme Unit of Techno India College of Technology Organizes Vigilance Awareness Program in association with Coal India Limited - 1-11-17 - TICT SEMINAR HALL

Ø Techno India College of Technology-(187) - An NSS workshop on Theatrical Awareness In Society on 09.11.17 - 09.11.17 - TICT seminar room

Ø Techno India College of Technology-(187) - prize distribution ceremony of NSS - 6-10-17 - TICT SEMINAR HALL

Ø Budge Budge Institute of Technology-(276) - waste disposal - 27.10.17 - budge budge institute of technology

Ø Budge Budge Institute of Technology-(276) - mass education and meeting orphanage children - 7.9.17, 9.9.17 - orphanage house of love, Haridevpur, tollygunge

Ø Budge Budge Institute of Technology-(276) - discussion of social issues like pollution control and abuses on



internet - 7.9.17, 14.9.17, 12.10.17 - budge budge institute of technology

Ø Supreme Knowledge Foundation Group of Institutions-(253) - Visit to Old Age Home - 18/11/2017 - Surjyo Kiron Old Age Home at Mankundu

Ø Supreme Knowledge Foundation Group of Institutions-(253) - Visit to slum houses at Mankundu for Literacy campaign - 18/11/2017 - Mankundu Slum

Ø Supreme Knowledge Foundation Group of Institutions-(253) - Painting Competition for Slum children and donation of clothes and gifts - 14/10/2017 - Institution Premises

Ø Meghnad Saha Institute of Technology-(142) - Discussion on uses and abuses of modern gadgets - 11.10.17 - College classroom

Ø St. Mary's Technical Campus Kolkata-(286) - FREE COMPUTER LITERACY PROGRAMME IS GOING ON - FROM- OCTOBER 30 - COMPUTER LAB 9

Ø Gupta College of Technological Sciences-(124) - Clean Asansol Green Asansol - 04.11.17 - College campus

Ø Gupta College of Technological Sciences-(124) - Medicinal garden maintenance - 14.10.2017 - College campus

Ø Gupta College of Technological Sciences-(124) - Clean Asansol Green Asansol - 14.10.2017 - College campus and adjacent areas

Ø B. P. Poddar Institute of Management & Technology-(301) - Distribution of certificates and medals among the participant students of N.S.S activities for securing the best three positions according to performance in some competitive events , held during even and odd semester,2017. - 14.12.2017 - College Seminar Room

Ø B. P. Poddar Institute of Management & Technology-(301) - Distribution of certificates and medals among the participant students of N.S.S activities for securing the best three positions according to performance in some competitive events , held during even and odd semester,2017 - 15.12.2017 - College Seminar Room

Ø B. P. Poddar Institute of Management & Technology-(301) - Distribution of certificates and medals among the participant students of N.S.S activities for securing the best three positions according to performance - 16.12.2017 - College Seminar Room

Ø Bankura Unnayani Institute of Engineering-(105) - Donation to the Orphan Child - 2.11.17 - Bankura Town

Ø Bankura Unnayani Institute of Engineering-(105) - Donation of Cloths - 02.10.2017 - Duarandha Village

Ø Bengal Institute of Technology-(121) - Campus Cleaning - 09/11/2017 & 12/10/2017- BIT





Fig: Cancer awareness camp was organized by the N.S.S Unit of Gupta College of Technological Sciences.

## Remedial Classes

Remedial Coaching Classes for SC, ST, Minority and OBC (Non- creamy layer) category students have been organised at North Bengal and Durgapur zone.

## The University Administration

### Authorities of the University

The General Council is the supreme administrative authority of the University, chaired by the Governor of the State of West Bengal who is the Chancellor of the University.

The administration, management and control of the University and the income thereof vest in the Executive Council, which controls and administers the property and funds of the University, subject to the general supervision of the General Council.

The Academic Council is the principal academic body of the University. Subject to the provisions of the West Bengal University of Technology Act, 2000 and the First Regulations of the West Bengal University of Technology, it has the control of and is responsible for, the maintenance of standards of learning, education, instruction, evaluation and examination within the jurisdiction of the University.



The Finance Committee takes necessary action for proper management and control of the finance of the University, subject to the overall supervision of the Executive Council and General Council.

## The General Council

Shri Keshari Nath Tripathi, His Excellency the Governor of West Bengal and Chancellor of the University	Chairman
Prof. Saikat Maitra, Vice-Chancellor, MAKAUT, WB	Vice-Chairman
Prof. Subrata Kumar Dey, Pro Vice-Chancellor, MAKAUT, WB.	Member
Sri Kunal Kanti Jha, nominee of Secretary, Higher Education Dept. Govt. of WB	Member
Sri Samir Ghosh, nominee of Finance Secretary, Finance Dept. Govt. of WB	Member
Sri Arijit C. Majumdar (Retd.), IIM, Ranchi, nominee of Chairman, W.B. State Council of Higher Education	Member
President, West Bengal Council of Higher Secondary Education	Member
President, West Bengal Board of Madrasah Education	Member
President, West Bengal Board of Secondary Education	Member
Director, Indian Institute of Social Welfare and Business Management or his nominee	Member
Prof. D. Narasimha Reddy, Member UGC, nominee of Chairman UGC	Member
Prof. S. G. Bhirud, Adviser-I, AICTE, nominee of Chairman AICTE	Member
Director of Technical Education	Member
Nominee of the Chairman of the Fee Structure Committee	Member
Prof. Sriyankar Acharya, Prof. Dept. of CSE & IT, MAKAUT, WB	Member
Prof. Raja Banerjee, Prof. Dept. of Biotechnology, MAKAUT, WB	Member
Dr. Atreyee Biswas, Asst-Prof. Dept. of Natural Sciences, MAKAUT, WB	Member
Prof. K. Chakraborty, Principal Govt. College of Engg. & Ceramic Technology	Member
Prof. Amitava Ray, Principal Jalpaiguri Govt. Engg. College (JGEC)	Member
Dr. Bibek Chakraborty, Principal, Purulia Government Engineering College	Member
Prof. Pranay Chaudhuri, Principal, Heritage Institute of Technology	Member
Dr. Sutapa Mukherjee, Principal, B. P. Poddar Institute of Management & Technology	Member
Dr. Goutam Mukherjee, Asso. Prof., Govt. College of Engineering & Leather Technology	Member
Prof. Sukhendu Sekher Mondal, Teacher, Cooch Behar Govt. Engineering College	Member
Dr. Biswarup Neogi, Asso. Prof, Dept. of CSE, JIS Engineering College	Member
Dr. Satyajit Chakrabarti, Director, Institute of Engineering & Management	Member
Dr. Saurabh Dutta, Professor, Dr. B. C. Roy Engineering College (MCA)	Member
One representative of officers of MAKAUT, WB	Member
Two representative of non-teaching employees	Member

Prof. Kusum Sudhakar Reddy, HoD Dept. of Civil Engg., IIT KGP, Chancellor's nominee	Member
Prof. Gairik Das, HoD - MPD and Business Projects, IISWBM, Kolkata, Chancellor's nominee	Member
Sri Kallol Dutta, Ex-Chairman & Managing Director, Andrew Yule & Company, nominee of State Govt.	Member
Dr. Abhijit Majumdar, Professor, Dept. of Physics, IEST, Shibpur, Howrah, nominee of State Government	Member
Prof. Subhrangshu Sekhar Chatterji, Ex-Vice-Chancellor, Cooch Behar Panchanan Barma University, nominee of State Government	Member
Dr. Indranil Mukherjee, (Acting), MAKAUT, WB	

### The Executive Council

Prof. Saikat Maitra, Vice-Chancellor, MAKAUT, WB.	Chairman
Prof. Subrata Kumar Dey, Pro Vice-Chancellor, MAKAUT, WB.	Vice-Chairman
Sri Kunal Kanti Jha, AO & Ex-Officio, Jt. Sec, HED, Sc & Tech & Biotech, Nominee of Secretary, Higher Education Dept. Govt. of WB.	Member
Sri Samir Ghosh, Financial Advisor, HED, Sc & Tech & Biotech, Nominee of Secretary, Finance Dept. Govt. of WB.	Member
Director of Technical Education or his/her nominee.	Member
Nominee of Chairman, W.B. State Council of Higher Education.	Member
Prof. Sriyankar Acharya, Prof. Dept. of CSE, MAKAUT, WB	Member
Prof. Raja Banerjee, Prof. Dept. of Biotechnology, MAKAUT, WB	Member
Dr. Atreyee Biswas, Assistant Prof. Dept. of Natural Sciences, MAKAUT, WB	Member
Prof. K. Chakraborty, Principal Govt. College of Engg. & Ceramic Technology 73, A. C. Banerjee Road, Kolkata-700010.	Member
Prof. Amitava Ray, Principal Jalpaiguri Govt. Engg. College (JGEC). Jalpaiguri-735102.	Member
Dr. Bibek Chakraborty, Principal, Purulia Government Engineering College, Village - Chas More, P.O-Chas Road, Block-Jaipur, District- Purulia, West Bengal - 723103	Member
Prof. Pranay Chaudhuri, Principal, Heritage Institute of Technology, Chowbaga Road, Anandapur, East Kolkata Township, Kolkata-700107.	Member
Dr. Sutapa Mukherjee, Principal, B. P. Poddar Institute of Management & Technology, 137, V.I.P Road, Poddar Vihar, Kolkata, West Bengal - 700052.	Member
Dr. Goutam Mukherjee, Associate Professor, Govt. College of Engineering & Leather Technology LB-Block, Eastern Metropolitan Bypass, Sector-III, Salt Lake City, Kolkata, West Bengal-700098.	Member
Dr. Sukhendu Sekher Mondal, Assistant Professor, Cooch Behar Govt. Engineering College, Post - Ghughumari, District - Cooch Behar, West Bengal-736170.	Member
Dr. Biswarup Neogi, Asso. Prof, Dept. of CSE, JIS Engineering College, Barrackpore, Kalyani Expressway, Block-A, Phase-III, District - Nadia, West Bengal-741235.	Member
Dr. Satyajit Chakrabarti, Director, Institute of Engineering & Management, 120, SDF	Member



Building, Salt Lake Electronics Complex, Sector-V, Kolkata-700091.	
Dr. Pranabesh Chakraborty, Director, Bengal School of Technology (Pharmacy), Sugandha, Delhi Road, Near Chuchura Railway Station, District-Hooghly, West Bengal-712102.	Member
Dr. Saurabh Dutta, Professor, Dr. B. C. Roy Engineering College (MCA), Jemua Road, Fuljhore, Durgapur, District - Burdwan, West Bengal-713206.	Member
Prof. Kusum Sudhakar Reddy, HoD Dept. of Civil Engg., IIT KGP. Chancellors Nominee	Member
Prof. Gairik Das, Head MRM and Business Analytics, IISWBM, Kolkata. Chancellors Nominee	Member
Sri Kallol Dutta, Ex-Chairman & Managing Director, Andrew Yule & Company, Nominee of State Govt.	Member
Sri Asish Kar, Retired Executive, Andrew Yule & Company Ltd. Nominee of State Govt.	Member
Dr. Abhijit Majumder, Assistant Professor, IEST, Shibpur, Howrah. Nominee of State Government	Member
Dr. Indranil Mukherjee, Registrar (Acting) , MAKAUT, WB.	Secretary

### Administrative Officers

Chancellor	His Excellency Sri K. N. Tripathi, Hon'ble Governor, West Bengal
Vice Chancellor	Prof. Saikat Maitra
Pro-Vice Chancellor	Prof. Subrata Kumar Dey
Registrar(Actg.)	Dr. Indranil Mukherjee
Finance Officer	Dr. Atri Bhowmik
Controller of Examinations (OSD)	Dr. Haider Ali
Inspector of Colleges	Dr. Swapan Kumar Maity
Information Scientist	Dr. Md. Aftabuddin
Assistant Librarian	Ms. Najmun Nessa
Assistant Registrar (Cont.)	Dr. Goutam Bondopadhyay
Assistant Controller of Examinations (Cont.)	Mr. Syamal Ghosh

### Other Officers & Engineers (contractual)

Accounts Officer (Cont.)	Mr. Rabin Dutta
Purchase Officer(Cont.)	Mr. Ashoke Kumar Das
Training and Placement Officer(Cont.)	Mr. Kali Pada Das,
Director, EKTA Incubation Center	Mr. Alok Roy

Accounts Officer (Cont.)	Mr. Rabin Dutta
Medical Officer	Dr. S. K. Bhattacharya
Medical Officer	Dr. Mrs. P. Bhattacharya
Medical Officer	Dr. A. K. Mandal
Civil Engineer	Mr. Debasis Basu
Electrical Engineer	Mr. Ashis Kumar Chakraborty

### Administrative Staffs

Employee Name	Designation
Anil Prasad	PA to VC
Chumki Das	Technical Assistant
Mithun Ghosh	Technical Assistant
Pritimoy Sanyal	Technical Assistant
Shubhashis Sengupta	Technical Assistant
Sumana Chakraborty (Ghosh)	Technical Assistant
Ashis Sarkar	Sr. Assistant
Chhabi Roy Chowdhury	Sr. Assistant
Kaushik Ghosh	Sr. Assistant
Pradyut Kar	Sr. Assistant
Sudhansu Chakraborty	Sr. Assistant
Sujata Ghosh	Sr. Assistant
Ajoy Bhattacharjee	Assistant
Amar Kanti Ghosh	Assistant
Ashim Kumar Gangopadhyay	Assistant
Ashis Nandi	Assistant
Dibyendu Dutta	Assistant
Jayanta Das	Assistant
Khorsed Munshe	Assistant
Ranjan Mondal	Assistant
Rathindra Nath Bhattacharya	Assistant
Sagar Ratan Basu	Assistant
Shamik Ghosh	Assistant
Som Mauli Adhikary	Assistant
Sujit Kumar Saha	Assistant
Sukanya Gupta	Assistant



Debasish Sarkar	Jr. Assistant
Pritha Ghosh	Jr. Assistant
Soumendu Ghosh	Jr. Assistant
Bratati Ghosh	Jr. Assistant
Naresh Das	Driver
Arnab Pal	Group D
Emandi Narayan Rao	Group D
Nikhil Kumar Biswas	Group D
Pradip Kumar Paswan	Group D
Rabindra Nath Polley	Group D
Sanjoy Hazra	Group D
Swarup Majumder	Group D
Amit Paul	Store Assistant

### Contractual & Daily Wage Staffs

Amlan Chakraborty	Manik Chandra Das
Anima Halder	Nakul Paswan
Ashim Chakraborty	Radheshyam Das
Ashok Das	Rupa Dey
Basanta Kr. Shit	Shyamal Mirdha
Bhola Ghosh	Sukumar Maiti
Binay Bhunia	Supratim Das
Bubai Paul	Surajit Debnath
Harekrishna Karjee	Ujjal Kansa Banik
Abhijit Bhattacharjee	Pritam Chakraborty
Amar Nath Ghosh	Rajat Chatterjee
Arup Roy	Ramkrishna Nath
Avijit Pathak	Sadhan Mondal
Bablu Banick	Samar Naskar
Bamdev Jash	Samir Das
Biswajit Das	Sanat Bose
Debasish Roy	Sanjoy Dutta
Dinesh Kr. Shaw	Saroj Das
Dipanjana Dey	Sujit Kumar Roy
Goutam Deb	Sujoy Mukhopadhyay
Mahesh Prasad Gupta	Suman Sen

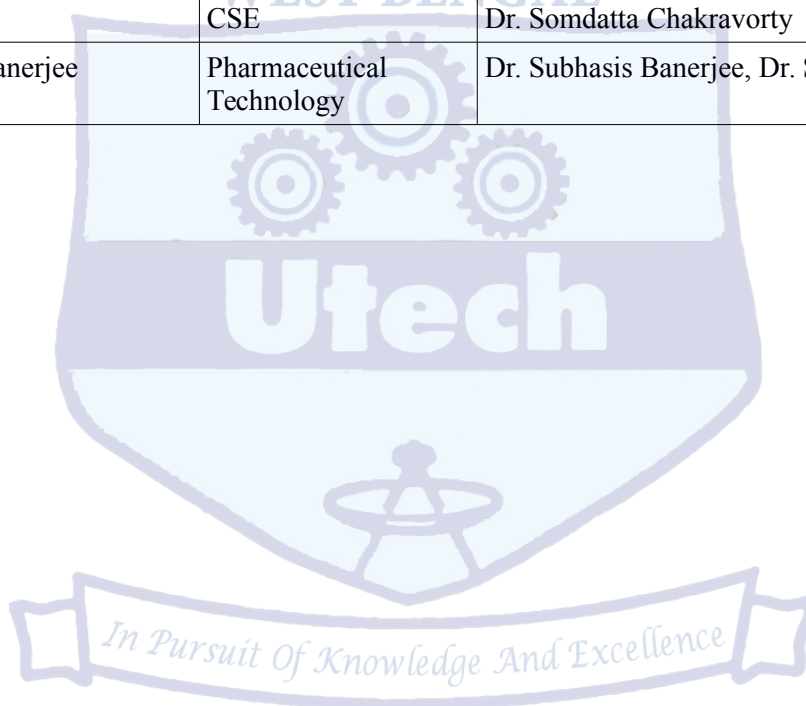
Manik Sardar	Susanta Chakraborty
Mantu Ray	Swapan Lal Chatterjee
Mridul Adhikary	Swarup Pramanick
Palash Dutta	

**Ph.D. Enrolled/Registered Student List**

SL	NAME	SUBJECT	Supervisor/Joint Supervisor/Associate Supervisor
1	Sangita Ghosh	Management	Dr. Subrata Bhadury
2	Mithila Roy Bardhan (Deb)	Management	Dr. Madhurima Ganguly
3	Anis Chattopadhyay	Management	Dr. Sujit Mukherjee
4	Santosh Kr. Agarwal	Management	Dr. Atish Prosad Mondal
5	Kalipada Senapati	Management	Dr. Ranajit Chakrabarty
6	Sunetra Paul (Maitra)	Management	Dr. Pinaki Ranjan Bhattacharyya
7	Mukulika Manna	Management	Dr. Sayani Basu
8	Abhijit Pal	Management	Dr. Parashar Banerjee
9	Kanika Kundu	Management	Dr. J. S. Das
10	Mithun Kumar Guha	Management	Dr. Sebabrata Chatterjee
11	Partha Ghosh	Management	Dr. Atas Kumar Banerjee
12	Md. Noor Hossain	Management	Dr. Amit Kundu
13	Soumyadeep Samonto	EE	Dr. Sagarika Pal
14	Ananta Pal	EE	Dr. Shib Sankar Saha
15	Shrayasi Datta	CSE	Dr. T. Pal Choudhury
16	Dhiman Mondal	CSE	Dr. Dipak Kr. Kole, Dr. Kusal Roy
17	Debjyoti Chowdhury	AEIE	Dr. Madhurima Chattopadhyay
18	Santanu Mondal	AEIE	Dr. Madhurima Chattopadhyay
19	Abdul Ayaz	EE	Dr. Dola Sinha, Dr. Debasis De
20	Chaitali Chanda	Biotechnology	Dr. Indranil Mukherjee, Dr. Shaon Ray Chaudhuri, Prof. L. M. Gantayet
21	Arunava Mukhopadhyay	ECE	Dr. Pinaki Mukherjee
22	Debarati Dey	ECE	Dr. Debashis De
23	Kakali Das	ECE	Dr. Himadri Sekhar Dutta
24	Arpan Deyasi	ECE	Dr. Angsuman Sarkar
25	Ankur Das	ME	Dr. Santanu Das
26	Sandip Kumar Chaurasiya	ECE	Dr. Arindam Biswas
27	Manali Mukherjee	CSE	Dr. Mausumi Maitra (MAJUMDAR)

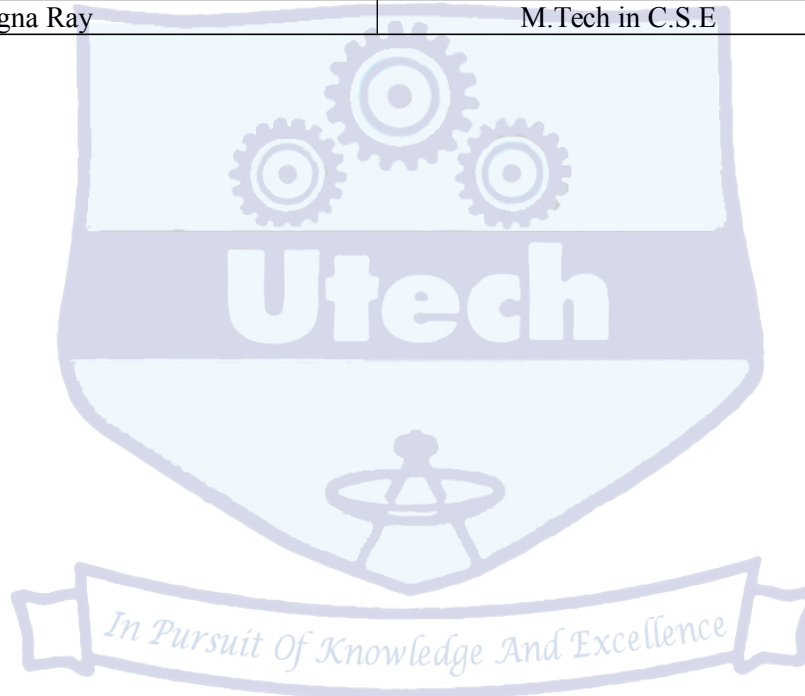


28	Partha Mishra	EE	Dr. Santanu Das, Dr. Sandip Saha Chowdhury
29	Bamdeb Banerjee	EE	Prof. Krishnendu Chakraborty
30	Dhiman Banerjee	EE	Dr. Provas Kr. Ray, Dr. Goutam Kr. Panda
31	Sriparna Bhattacharya	EE	Dr. Provas Kr. Roy, Dr. Pradip Kr. Saha
32	Suvabrata Mukherjee	EE	Dr. Provas Kr. Roy
33	Srirupa Das	CSE	Dr. Somdatta Chakravorty
34	Biplab Das	CSE	Prof. Debashis De
35	Subhankar Ghosh	CSE	Dr. Anuradha Banerjee
36	Soumitra Sasmal	CSE	Dr. Indrajit Pan
37	Sudeep Basu	CSE	Dr. Indrajit Pan
38	Avijit Mondal	CSE	Dr. R. T. Goswami
39	Srijita Chakraborty	ECE	Dr. Narendranath Pathak
40	Prem Kumar	CSE	Dr. Somdatta Chakravorty
41	Sabyasachi Banerjee	Pharmaceutical Technology	Dr. Subhasis Banerjee, Dr. Sankhadip Bose



## List of GATE scholar

NAME	DEPARTMENT
Abhijit Narayan Eshore	M.Tech in M.V.T
U Pruthvi Raj	M.Tech in M.V.T
Somnath Panja	M.Tech in M.V.T
Somnath Naskar	M.Tech in I.E.M
Tanmoy Mandal	M.Tech in I.E.M
Arindam Saha	M.Tech in I.E.M
Kriti Karmakar	M.Tech in I.E.M
Rajdeep Mukherjee	M.Tech in I.E.M
Subrata Dey	M.Tech in I.E.M
Partha Sarathi Mukherjee	M.Tech in I.E.M
Sujit Patra	M.Tech in I.E.M
Avishek Pandey	M.Tech in I.E.M
Shrabani Panda	M.Tech in C.S.E
Priya Das	M.Tech in C.S.E
Sulagna Ray	M.Tech in C.S.E





### Staff who has upgraded qualification

- Ms. Bratati Ghosh has successfully completed her Ph.D from The University of Calcutta.

### Report from the Office of the Inspector of College

This department looks after the activities of Affiliation / Renewal Affiliation/ De-affiliation of the AICTE & Non-AICTE courses and Recognition / De-recognition of the different colleges. In order to do the same this department is carrying out the inspection round the year. In the year 2017 there are 194 colleges affiliated to this University. Numbers of affiliated colleges since 2009-2010 are given hereunder in tabular form:

Year	AICTE Approved Colleges	Non-AICTE Colleges	Total Colleges
2009-10	116	96	212
2010-11	119	84	203
2011-12	128	84	212
2012-13	120	85	205
2013-14	118	89	207
2014-15	115	85	200
2015-16	113	82	195
2016-17	115	82	197
2017-18	115	79	194

This department has developed the format pertaining to the Self Assessment Report & Inspection Report (SAR & IR) for AICTE approved colleges and Non-AICTE colleges conducting MAKAUT,WB courses for the purpose of inspection of colleges. In that format relevant norms of AICTE/MAKAUT,WB against each item has been embedded. Furthermore, the list of laboratories mentioning Code against each course semester wise has been provided in that format of SAR & IR. The college concerned where the inspection will be carried out by the Inspection Team/Expert Visit Committee (EVC) fills up the Self Assessment portion of the format SAR & IR. At the very beginning of the inspection the concerned college Authority hands over the filled up SAR & IR duly signed by them to the Inspection Team/Expert Visit Committee (EVC) visiting the said college. The experts of the inspection team verify the Self Assessment made by the college against each item of the filled up SAR & IR and side by side record their observation against each item. The deficiencies as pointed out by the experts are communicated to the concerned college for the qualitative development. Renewal Affiliation Inspection, Surprise Inspection, Inspection for affiliation of Additional Course(s) and inspection for affiliation of new college are being carried out by this department.

Computerized Web based Management System (CWMS) comprising of three (03) modules namely; (i) Faculty Information System (FIS), (ii) Infrastructure Information System (IIS) and (iii) Web based Management System (WMS) has been developed by this department. All infrastructures related information of all affiliated colleges are kept in Infrastructure Information System (IIS). The information related to faculty

particulars attached to all affiliated Colleges are kept in Faculty Information System (FIS). As all particulars related to the affiliated colleges are kept in the Web, this department is monitoring the colleges through Web based Management System (WMS). Furthermore, the introduction of this Computerized Web based Management System (CWMS) has become of immense help of the University particularly in terms of furnishing different type of data to the Regulatory Authorities like UGC, AICTE, MHRD etc. This department has initiated the process of introduction of the Beta Version of the CWMS. As a part of the same this department is in the process for introducing the digital inspection of the colleges for quality monitoring purpose.

The inspection of affiliated colleges are carried out time to time round the year by this department. In the year 2017, 124 Nos. of colleges (AICTE & Non-AICTE both) were inspected by this department. Through the abovementioned exercises the University is vigilant to monitor the affiliated colleges in order to ensure the qualitative development.

### Report from the Controller of Examinations Section

- The University has 197 affiliated colleges and more than 1, 45, 000 students are registered students. The number of students appeared in 2016-17 was at the Even Semester 1, 42,000 and in the Odd Semester 1, 48, 000 and in the Semester 2017-18 the number has been enhanced to 1, 51, 000. There is a sharp difference between regular students and the number of students actually appeared in each Semester. This is because the University follows no detention policy, hence 10% to 20% students who are given ample chances to reappear in their Backlog papers of the last Even or Odd Semester.
- The University conducts the following examinations during a particular academic session –
  - a) According to the Academic Calendar of the University, Odd Semester Examination takes place during December/January and Even Semester Examination are scheduled in May/June every year. This is conducted in all the affiliated colleges as well as the In-House Department of the University.
  - b) Separate Supplementary examination takes place after the publication of the final semester results of the Even semester. This is conducted in the University campus itself.

In addition, the University carries out post-publication review of the ODD and Even semester examination results. Unlike other university within the Union of India, there is no eligibility criteria, a candidate may apply for any two papers, if he or she is not satisfied with the result. But one has to apply as per the notification issued after the publication of results. The student may see their own answer-scripts within 6 month under the R T I Act. 2005.

- The University conducts a number of programmes in Engineering, Technology, Management and other professional disciplines. At the undergraduate level, there is a five-year programme (B Arch), four-year programmes (B. Tech, B. Pharm, B. Optom and BHMCT) and three-year Non-AICTE programmes (BBA, BCA, BSCM, BHM etc.) at the postgraduate level, there is a three-year M C A programme and a host of two-year programmes like M. Tech, M.Pharm, MBA, M. SC, MHA etc.
- The Even Semester Examinations 2017 for the 2017-18 academic session for both U G and P G programmes were held in June 2017. The 8th Semester results for all the four-year programmes were declared on 2nd August, 2017. The results of all other semesters were published on 31st August, 2017. A summary of the results in the last Even semester examination held in June 2017 for the 2017-



18 academic session including the students who appeared in the examinations and who passed in the same and obtained the degree is shown in the table below:

Sl. No.	Programme Type (UG/PG)	No of candidates appeared	No of candidates passed	Pass Percentage %
1	Five Year Programmes (UG)	63	55	87.30
2	Four Year Programmes (UG)	23226	21809	93.90
3	Three Year Programmes (UG)	6483	5233	80.72
4	MCA	533	517	97.00
5	MBA	1282	1111	86.66
6	MTECH/ MSC/ MPHARM/ MHA(PG)	933	863	92.50

- Students support services** - The Department of Controller of Examinations caters to students services like issuance of Transcripts, Duplicate Grade Cards, Duplicate Certificates, corrections in documents, document verification etc. The students apply to C O E for many queries for the purpose of employment as well as authentication of their documents within the same day of application; the students get the response and that too without any cost. The university has deployed dedicated manpower to deal with the student support services. Each staff member of the department of C O E has been put in charge of a certain number of colleges. Colleges can get in touch with the concerned staff to report their problems and have these problem addressed. There is also two staff members especially assigned to take care of all the document verification.

## The University Library

The library was founded in 2004 with a few book racks and some donated books. Now it is a fully functional hybrid library where it is now possible to access printed items as well as the digital holdings in the form of e-books and e-journals, multimedia CDRoms and software.

The Library has more e- resources than the printed resources. It has a collection of more than two millions books among which 19300 ( approx) are print books, 20 renowned print journal and 6000 (Approx.) e-journals and conference proceedings. The library has also purchased the e-collection of Annual reviews back volume. The library also has a good collection of CDs, audio Cassette and DVD. The library is focusing on e-resources due to shortage of space.

The University library is now member of E-Sodh -Sindhu (UGC Infonet) Digital Library consortia. The University library is subscribing e-journals like IEL online ( IEEE journals), anti-plagiarism software like Ithenticate and e-books from renowned publisher like McGraw-Hill, Elsevier, Springer, Pearson Education, Taylor and Francis, Oxford and Cambridge.

As a part of a center of excellence the library tries to provide modern web based services along with the traditional services like reading room, lending , photo copying services.

The library is open access in nature and gives its user the facility to directly go to the rack and choose his/ her own books. The reading room has a seating capacity of 56 user at a time. It also has 10 terminals as e-corner used for digital library facility. These terminals are managed using libki. A 45min slots is allotted to the students in a day. On an average 60-70 students come to the the library reading room per day.

Library is giving fully automated lending services to the students along with the faculty members using library management software KOHA. Every student has a login password to access the catalogue from user interface and reserve books. Students can also see their status ie, whether book is overdue or not, the reading history etc. from their account.

The library has Web OPAC ( URL <http://opac.wbut.ac.in>) facility where all users including students, faculty members, researchers and others can browse through for information regarding library resources from any where within the campus and outside the campus. There is a dedicated machine for searching library resources through library portal near the library entrance to facilitate its users. Students and university staffs can browse the Internet and the e-resources subscribed to by the university through the thin clients in the reading room as well as from anywhere within the campus.

Users become aware of the library rules and regulation and how to use the services through library portal. The library alerts the user through notification about the library programme and activities using university's e-mail service. Since all university classroom are projection enabled and connected to the internet, digital resources like images of the CDs accompanying the books, e-books, e-journals of the library can be accessed from class rooms to aid the teaching.

The library is using a single interface, the library portal (<http://library.wbut.ac.in>) where the information about library holdings be it the printed collection or the e collection can be obtained through the open source ILS system KOHA. It is the first open source ILS system distributed under GNU GPL license. Barcodes generated in house are used to track down each printed item in the catalogue in day to day transaction. eg. Circulation. Glabls is used to generate the barcode. The Koha ILS has been extended to digital library through the integration of a media image server for online, simultaneous, multi-user access to CD/DVD media accompanying print items or otherwise separately published. The media image server can also be searched separately using Namazu. The library is using D-Space -digital repository system to integrate the e-content with the ILS system. The university library is completely networked. The users can access the electronic resources and the Internet through the desktops in the reading room. As the university is connected through Intranet library resources can be accessed from any where within the campus. The library is also has Wi-Fi connectivity. Users can access the Internet from the library reading room through WI-fi connectivity from their laptops subject to authorization.

Library is outsourcing the photocopying service and network printing. Photo copy can be done for Re. 1.00 / page. The network printing service can be accessed from any where within the campus.

An access ramp has been constructed for the physically challenged users. The ramp is directly connected to the reading room to make the library easily accessible to the physically challenged.

Keeping in mind the equal opportunity for all, the university library resource is open to all students and faculty members of affiliated colleges. They can use the university reading room service, can select their books and journals, copy the relevant portion and can also photo copy a limited numbers of pages. They can also use the library e-resources, download and can take print required portion using the networked printer. The students and faculty members only needed to bring their college ID card to enter the library.

The University library has opened a unit in the Haringhata Campus of the University to facilitate the students of that area.

The University library is working on the formation of MAKAUT, WB e-resource consortia with the affiliated colleges to facilitate the colleges with quality e-resources in cost effective way. The university Library has conducted a meeting cum workshop with some selected affiliated colleges towards formation of the consortia.

## A University with a Difference



- The University produces the largest chunk of technical manpower in the state who serve our industry.
- Introduced several post Graduate and Doctoral programmes at the University as well as in the affiliated colleges.
- Quick publication of examination results.
- The University covers the entire spatial span of the state for inclusive development of technical resources spread over 15 districts.
- Inclusion of the University in Section 2F and also in Section 12B of the UGC and recipient of UGC grant.
- Receives financial support from the Government of West Bengal and Government of India scholarship grant for M.Tech students with valid GATE score, DBT fellowship for Mtech Biotechnology students.
- The University has been NAAC accredited with B++ grade.
- The University has a "Technology and Business Incubation Center" - (Incubator status approved by Dept. of Science & Technology, India), named "EKTA" for start up business.
- The University actively encourages its employees to upgrade their skills/ competence by providing opportunity to enroll in higher studies.
- After taking steady strides towards digitizing classroom teaching, the Maulana Abul Kalam Azad University of Technology, West Bengal (MAKAUT, WB) is introducing lieu of tech driven measures such as digital inspection, centralized e-campussing along with offering plethora of e-courses that can be availed by both students as well as teachers.
- MAKAUT, WB is all set to reshape and transform affiliation system by initiating the Digital Inspection of colleges from the 2019-20 academic session. This sui-generis approach of inspection will not only establish transparency in affiliation system but also reduce cost of physical inspection and time spent considerably.
- Being the largest MAKAUT, WB affiliates nearly two hundred colleges offering courses in Engineering, Technology, Management and other professional disciplines. More than 1,40,000 students write the examinations every semester and the university churns out around thirty thousand graduates in different technological and management fields every year.
- Video recordings and presentations from the colleges giving details of their infrastructure as well as human resources have been already sought by the university. A digital studio will also be formed where the digital inspections will be monitored and authenticated. The expert members of the Inspection teams will be able to interact with the faculty members, students and authorities of the colleges from the studio itself and obtain a real time assessment of the resources at the disposal of the Colleges seeking affiliation from the University without physically inspecting the premises.
- Further, students Passing out from MAKAUT, WB will no longer need to hunt scores of websites to source out job offers as the University is coming up with its own placement portal where students can access list of interested companies and find out about vacancies. In order to aid students to seek credible job offers MAKAUT, WB has decided to launch this centralized placement portal that will provide a unique platform where students can resource job opportunities and prospective employers too can reach out to students who fit their company profile.
- The university has also re-structured the existing assessment method with continuous evaluation process for the students getting admitted in the 2018-19 academic session based on the model curriculum of All India Council for Technical Education (AICTE). Students will need to earn 160 credits to earn the B.Tech degree and 20 additional credits to secure B.Tech (Hons.) degree, these additional 20 credits are to be earned using digital online platform. The University has already drawn up a basket of courses from different online platforms from which the students may judiciously choose courses to complete the B.Tech (Hons.) degree. For the Non-AICTE courses being offered by the university, the university has specified 120 credits for getting the degree and an additional 16 credits for earning the degree with Hons.

- Students interested in start-up and other entrepreneurial ventures as well as willing to undertake short term training programmes may be allowed to do so and the attendance and other class requirements of these students taken care of through the online courses offered on different platforms.
- The university envisages, this will create a learning-centric environment, improve student attendance, and significantly reduce the time spent in the current system of evaluation. The university has already set in motion the process of preparing the Question and Assignment Banks which will be crucial for implementation of the Continuous Evaluation Process.
- However, not just students but faculties too can avail these courses that will advance their performance score. This will also effectively eliminate the need for faculty members to undergo orientation/refresher courses which frequently disrupt the academic activities and whose efficacy has often been a matter of debate. In the Career Advancement Scheme (CAS) for faculty members, the teachers may be asked to complete a certain number of online courses to be identified by the appropriate Competent Authority of the University. These will carry certain weight in the score of the Academic Performance Indicator (API) and will be duly considered for promotion of the faculty members. Similarly, in the case of carrying out Ph.D coursework for researchers, the applicants may be asked to complete some online courses relevant to their area of research.
- Moreover, the university has emphasized the need to identify the research areas that have industry relevance and cumulatively have societal impact.
- These areas include, disaster and environmental management, agriculture, biomedical applications etc. In fact, in every field of research activity, the tools of information technology will be extensively put to use and collaboration among researchers will be greatly encouraged.

## Dhaka University visit

Hon'ble Vice-Chancellor Prof. Saikat Maitra paid a visit to Bangladesh on 25<sup>th</sup> January, 2018 inspite of his busy schedule to widen the scope of academic collaborations between the two countries. A meeting was arranged with Indian High Commission 1<sup>st</sup> Secretary Shri Jishnu Mukherjee. Exchange of students between Dhaka University and Maulana Abul Kalam Azad University of Technology, West Bengal featured in the discussion and how things can be simplified for students to get Educational Visa for studying in India was discussed at large.

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Delegation in the office of the Indian High Commission at Dhaka, Bangladesh with Hon'ble Vice Chancellor Prof Saikat Maitra in the middle and Shri Jishnu Mukherjee to his left

## MAKAUT, WB Library Consortia

A meeting cum workshop was been organised by the University on 29<sup>th</sup> March 2018 regarding MAKAUT, WB e-resource consortia with the Colleges affiliated to MAKAUT, WB and Islamic University of Science and Technology. Prof. Konnur and Shivaram VS of VTU Consortia had came to share their experiences on forming VTU consortia. Dr. Reyaz Rufai, Librarian of Islamic University of Science and Technology has came to attend the meeting cum workshop.

The university has prepared the committees that will work for the consortia. Members of the committee has been selected by the Hon'ble Vice Chancellor. Letter of intimation has been given to the members. Registrar has informed all the colleges under MAKAUT, WB about the consortia. Colleges who wanted to join the consortia will inform the Asst. Librarian about the resources they wanted to subscribe. On the basis of the resources on demand, the university will negotiate with the publishers.

The committees formed by the university is given below

The governance of the MAKAUT ,WB Consortium will be as follows:

- i. The Governing Council
- ii. The Steering Committee
- iii. The Nodal Officers Committee

### The Governing Council

Executive council will be the governing council.

The Governing Council will be the apex policy/decision making body of the MAKAUT, WB Consortium. This will meet as and when required. The recommendations of steering committee, nodal officer committee and negotiation committee are to be approved by the Governing Council.

### Steering Committee

The constitution of the Steering Committee will be as follows:

- |                                                                              |                  |
|------------------------------------------------------------------------------|------------------|
| 1. The Vice Chancellor, MAKAUT, WB                                           | Chairman         |
| 2. The Pro Vice Chancellor, MAKAUT, WB                                       | Member           |
| 3. The Registrar, MAKAUT, WB                                                 | Member           |
| 4. The Finance Officer, MAKAUT, WB                                           | Member           |
| 5. The Information Scientist, MAKAUT, WB                                     | Member           |
| 6. Prof. Gairik Das, EC Member nominated by VC                               | Member           |
| 7. Prof. Gautam Mukherjee, GC Member nominated by VC                         | Member           |
| 8. LIS expert members involved in the formation of the MAKAUT, WB Consortium |                  |
| 1. Prof. P V Konnur, Advisor, VTU Consortium                                 | Member           |
| 2. Dr. Shivaram V, Expert, VTU Consortium                                    | Member           |
| 3. Dr. Soumitra Sarkar, Librarian, CU                                        | Member           |
| 9. Five Principals nominated by VC                                           |                  |
| 1. Prof. Krishnendu Chakraborty, GCET                                        | Member           |
| 2. Prof. Supapa Bandyopadhyay, B.P Podder                                    | Member           |
| 3. Prof. Amitava Ray, Jalpaiguri Govt. Engineering College                   | Member           |
| 4. Prof. Sourav Kumar Das, Kalyani Govt. Engineering College                 | Member           |
| 5. Prof. Prabal Deb, Coachbihar Govt. Engineering College                    | Member           |
| 10. Five Librarians nominated by VC                                          |                  |
| 1. Ms. Subhra Banerjee, Librarian, Heritage Institute of Technology          | Member           |
| 2. Mr. Bapan Kr. Maity, Librarian, Meghnad Saha Institute of Technology      | Member           |
| 3. Ms. Supriya Banerjee, Librarian, NSHM Knowledge Campus                    | Member           |
| 4. Mr. Mahadeb Rana, Librarian, Kalyani Govt. Engineering Collage            | Member           |
| 5. Dalia Ghoshal, Librarian, Techno India, Saltlake                          | Member           |
| 11. Asst. Librarian, MAKAUT, WB/Coordinator Consortium                       | Member Secretary |

The Steering Committee will be the General body of the MAKAUT, WB E-Resources Consortium. This committee will form the policy of the MAKAUT E-Resources Consortium from time to time and send its recommendations to the Governing Council. This will meet at least twice in a calendar year/as and when required. This committee will also submit the financial requirement of the MAKAUT, WB E-Resources Consortium by forming a **subcommittee of finance** under the Chairmanship of the Chairman of Steering committee and propose annual budget for the approval of the Governing Council. It will also review the recommendations of the Nodal Officers committee and recommend the same for approval of the Governing Council. The steering committee also forms a **subcommittee for negotiation** of prices of E-resources and terms and conditions of the publishers under the Chairmanship of the Chairman of the steering committee. Two LIS (Library and Information Science) experts nominated to Steering committee may also be invited to this subcommittee. This subcommittee will review the proposals/offers received from the publishers/aggregators and negotiate prices and terms and conditions as and when required. The steering committee may also propose organizing training programmes / workshops / conferences/ user meets, etc., on aspects of concern.

### Nodal Officers Committee

The constitution of the Nodal Officers Committee will be as follows:

- |                                        |          |
|----------------------------------------|----------|
| 1. The Pro Vice Chancellor, MAKAUT, WB | Chairman |
|----------------------------------------|----------|



- |                                                                              |                  |
|------------------------------------------------------------------------------|------------------|
| 2. LIS expert members involved in the formation of the MAKAUT, WB Consortium |                  |
| 1. Prof. P V Konnur                                                          | Member           |
| 2. Dr. Soumitra Sarkar                                                       | Member           |
| 3. The Librarians of all member institutions                                 | Members          |
| 4. Asst. Librarian, MAKAUT, WB/Coordinator Consortium                        | Member Secretary |

All Librarians of member institutions will be the Nodal Officers of the MAKAUT E-Resources Consortium. Each nodal officer will be the contact point for the MAKAUT, WB E-Resources Consortium. Every communication of the MAKAUT E-Resources Consortium will be sent to the nodal officers through email only. This committee will review the needs and usage of the e-Resources, discuss inter library cooperation and suggest need based training programmes and workshops. This committee will meet at least once in a calendar year. The recommendation of the committee will be submitted to steering committee for its approval.

**Financial sub committee** – Constructed by the steering committee with some members of from committee to estimate the financial requirement of the MAKAUT, WB consortium.

**Negotiation subcommittee** - Constructed by the steering committee with some members of from committee to negotiate with the publishers. LIS experts/advisors nominated to steering committee may also be invited in this committee.

### E-Resources

E-resource will cover the e-journals, e-books and databases, multimedia resources and online training courses. E-resources shall be identified after thorough need mapping based on the users, demand, courses offered by university, brain storming with faculty and BOS and other stake holders.

### Members

Following institutions shall be the members of MAKAUT, WB E-Resource Consortium

- MAKAUT, WB and its constituent colleges and study centers
- MAKAUT, WB affiliated institutions
- Other higher education institutions and universities in West Bengal state as associate members

### Funding for e-resources

Funding of e-resources will be decided by the Steering Committee and approved by the Governing council. As per the presentation given by Dr. Konnur, the VTU Consortium take fee from the students at the time of admission for e-resources according to the level of courses. ie Bachelor degree, Master degree and Doctorate degree. The same concept may be applied here.

### Anveshan

MAKAUT, WB organised an exhibition of research projects at University level in “**Anveshan: student Research Convention**” on 6<sup>th</sup> and 7<sup>th</sup> February, 2018 which was held in the University campus, Salt Lake, Kolkata.

The affiliated colleges and University Postgraduate Departments were invited to participate in the aforesaid convention and send the abstracts of their projects.

There was no registration fee for the participants of the accepted projects and only three participants per project was allowed to register per project.

Entries of the research projects was purely Institutional and only the Bonafide full time Students/Research Scholars from UG to Doctoral Degree level were eligible to take part in the convention.

The Areas were Agriculture, Basic Science, Engineering & Technology, Health Science and Allied Subjects, Pharmacy, Nutrition etc., Social Sciences, Humanities, Commerce and Law  
Projects was judged on the basis of merit by the panel of experts and the decision of the adjudicator committee was final.

## Workshop on “Data Science with R”

A 7-day workshop on “Data Science with R” was organized at Govt. College of Engineering & Ceramic Technology(GCECT), Kolkata jointly with Maulana Abul Kalam Azad University of Technology (MAKAUT) and Islamic University of Science and Technology (IUST), Kashmir on and from 23<sup>rd</sup> March to 29<sup>th</sup> March, 2018. The workshop was financially sponsored by TEQIP III of MAKAUT and UIST.



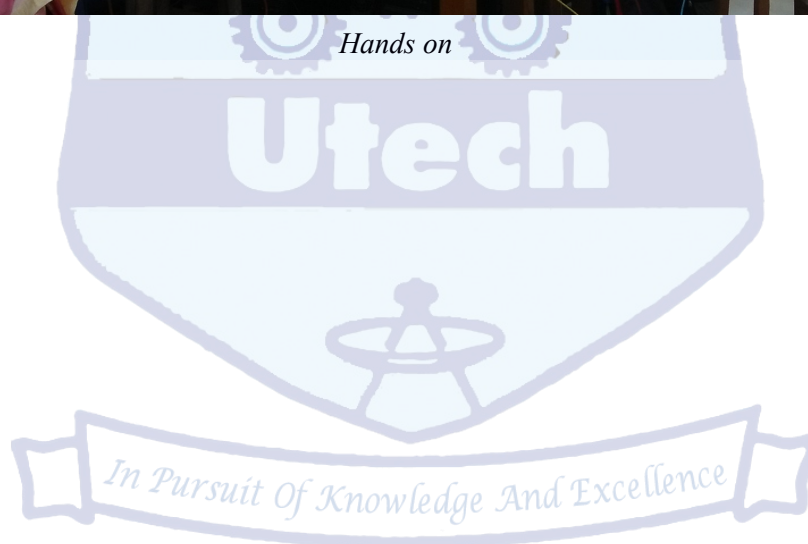
*Participants and resource persons*

The main objective of this workshop was to imbibe the cardinal principles of Data Science amongst the students, young researchers and academia in general. Data Science is the practice of transforming data into knowledge, and R is one of the most popular programming knowledge used by data scientists. The workshop aimed to enable the participants to learn how to transform data, create and interpret descriptive statistics, data visualisations and statistical models. The goal was to learn how to handle big data, make predictions using machine learning algorithms and deploy R to production. The multi-diverse applicability of these subjects in various fields is now over-established and was revisited by a group of learned speakers from eminent institutions having long academic and professional cherishments on these subjects. The long term vision of this workshop was to explore new research vistas on frontier and fringe areas of science and technology with help of challenging and stimulating cutting-edge chronicles and case studies on Computer Science and Information Technology.

The audience was arranged 50 in number comprising Faculty Members, Research Scholars and M. Tech. students of Information Technology and Computer Science & Engineering of MAKAUT, WB and GCECT. Faculty members from the Department of Computer Science and Engineering from IUST, Kashmir also participated in the workshop.



The workshop was inaugurated by the Honorable Vice Chancellor, Prof. (Dr.) Saikat Maitra in which he stressed on the essence of workshop and encouraged the participants to cultivate research areas in Data Science. The inaugural day was attended by Principal – GCECT, Prof. Debashish De, Coordinator-TEQIP-III, MAKAUT,WB and Prof. Sriyankar Acharya, Dept. of Computer Science & Engineerig, MAKAUT.WB The workshop was conducted and coordinated by Dr. Somdatta Chakravortty, Asst. Professor in Information Technology, GCECT.



## FLIP learning

Maulana Abul Kalam Azad University of Technology, West Bengal and Islamic University of Science & Technology, J & K jointly organized a one day symposium on Smart Learning / Flipped Learning in the main campus of the University at Haringhata on 23<sup>rd</sup> March 2018 under the Technical Education Quality Improvement Programme (TEQIP III).

## Cancer awareness

Maulana Abul Kalam Azad University of Technology, West Bengal (formerly known as West Bengal University of Technology) in collaboration with Islamic University of Science and Technology, Jammu Kashmir had envisioned to bring awareness about **“prevention and early detection of common cancers”** as it greatly increases the chances of treatment and survival. A one day seminar was held on this topic on 22<sup>nd</sup> March 2018 and was funded by TEQIP III. Experts in this field from specialised hospital shared their insight to the understanding of common people. This helped in bringing awareness among the students and audience at large. Videos pertaining to the topic were also sent to all participants for reference.





## Introduction of MOOC

All India Council for Technical Education (AICTE) has introduced Model Curriculum for Bachelor of Technology programme with 160 credits in the entire programme of 4 years, and additional 20 credits will be required to be done for the degree of Bachelor of Technology with Honours. These additional 20 credits will have to be acquired with online courses (Massive Online Open Courses) as per AICTE. So students will have to complete additional 20 credits through MOOCs within 4 years of time. This creates an excellent opportunity for students to acquire the necessary skill set for employability through massive online courses where the rare expertise of world famous experts from academics and industry are available. Maulana Abul Kalam Azad University of Technology, West Bengal (MAKAUT, WB) has decided to introduce AICTE model curriculum for its B.Tech Programmes and suggest baskets for MOOCs available year wise for the four-year long B.Tech programme from the sessions 2018-2019. The basket for MOOCs will be a dynamic one, as courses keep on updating with time. Few essential skill sets required for employability are also identified year wise by MAKAUT, WB. For MOOCs platforms where examination or assessment is absent (like SWAYAM) or where certification is costly (like Coursera or edX), faculty members of the Institutes are to audit the courses and prepare the examination question papers, for the courses undertaken by the students of respective Institutes, so that MAKAUT, WB can conduct examination for the course. The total of 20 credits that is required to be attained for B.Tech Honours degree are distributed over four years in the following way:

For first year	: 8 credits
For second year	: 4 credits
For third year	: 4 credits
For fourth year	: 4 credits

A student of first year has to cover courses from at least three skills :

1. Computer Programing with Python / R
2. Soft skill
3. Ethics

If a student is unable to cover the credits assigned for the first year, he/she can do these courses in either of the subsequent years, but he/she has to choose the courses from the basket of MOOCs announced by MAKAUT, WB from time to time. The same rule will be applicable for the other years of the programme.

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## Introduction of MAR

### Mandatory Additional Requirement for earning under graduate Professional Degree

**Addressing the needs of the industry and the society:** Globally, education systems have continuously evolved, in order to address the needs of the industry and the society. It is becoming imperative that every University should create opportunities for the students to inculcate attributes, which are not restricted only to engineering knowledge and acumen. Industry needs professionals who can work successfully in teams, who have leadership qualities, who are alive to social and community needs and who can bring innovation and creativity to their work and who are also digitally proficient. Hence, in order to prepare its students to match these multiple requirements, MAKAUT, WB has created a unique mechanism of awarding Activity Points over and above the academic grades. It is planned that the students at MAKAUT, WB will be able to reap benefits from these activities at their own pace and comfort. It is expected that by the time MAKAUT, WB's students reach their Final Year, they would have developed themselves so well both through their studies in the respective technological field and through their active participation in the co-curricular and extra-curricular activities as also through SAWYAM based learning activities that they would be well-prepared for contributing to building the India and the world of their dreams.

**The additional requirement applies to:** Every student, who is admitted to the 3/4/5 years Degree program from the academic year 2018-19 onwards \*, in addition to the required academic grades is required to earn minimum 75 Activity Points for a three year programme, 100 Activity Points for a four year programme and 125 Activity Points for a five year program, for getting MAKAUT, WB's degree.

Duration of the Course	Total duration for earning Points	Minimum Points
3 years	1 <sup>st</sup> to 3 <sup>rd</sup> Year	75
4 years	1 <sup>st</sup> to 4 <sup>th</sup> Year	100
5 years	1 <sup>st</sup> to 5 <sup>th</sup> Year	125

These points must be earned on the basis of active participation in co-curricular and extracurricular activities spanning through all the semesters of study. Every student may choose, as per his/her liking, activities in order to achieve the mandatory points (as per Table-II, depending on his/her course duration), before becoming eligible for award of the Degree. These activities can be spread over the years, as per convenience of the student.

#### Notes:

- Every student shall participate in the co-curricular and extra-curricular activities and produce documentary proof to the designated Faculty Members appointed by the Head of Department / Principal / Director in the respective college. Thereby the student should earn the required Points before *her* she appears for his/ her Final Examinations.
- A student's result of his/her Final Examinations will be withheld until he/she completes the minimum Activity Points by the end of his/her Degree Program.
- In every semester, every student is required to prepare a file containing documentary proofs of activities, done by him / her. This file will be duly verified and Activity Points will be assigned by the teachers as appointed above, at the end of every semester.
- The college will form a 3 members committee and finalize the Activity Points for each student before entering them into the Online Point Entry System (at the URL, as specified by the COE of the University).
- Every student has to earn at least 75, 100 or 125 activity points for 3, 4 or 5 year course respectively. The points students has earned will be reflected in the student's marksheets.



## Yoga Day

Maulana Abul Kalam Azad university celebrated yoga day of 21<sup>st</sup> June. The students of the university participated in the said programme.



*Yoga day celebration at university campus*

## Placement at MAKAUT, WB

MAKAUT, WB is firmly catering towards the betterment of students' employability through its Training & Placement Cell and consistent regular interaction with Industries. The affiliated Colleges/Institutions also receive adequate support for the employment of students through the Central Placement Committee constituted by the University.

MAKAUT, WB arranges regular guest lectures inviting professionals from industry to mentor the students about the expectations of the industry, corporate etiquettes etc. The students are given adequate opportunity of interaction with these experts. Mock aptitude tests are conducted for the final year students. The officials of the Training & Placement Cell regularly interacts with the students and guide them for the group discussions and preparation for interviews to make them industry ready.

The University has a separate Placement Office, under the administrative control of the Hon'ble Vice-Chancellor. The Placement In-Charges, Prof. Saikat Basu, Mr. Prithwjit Guha and Mr. Pritimoy Sanyal, help students to identify the job opportunities. The Training & Placement Cell conducts the placement and entrepreneurship skill-development workshops in orders to improve the soft skills of the students.

The University is also establishing a grooming centre for improving the employability of the students. Most of the students of 2017-18 batch got placed in different companies like Infosys Ltd, Wipro Ltd, Cognizant Technology Solutions, HackerRank, IBM, Soctronics through on-campus and off-campus drive. Few students opted for higher studies.

The salaries offered to the selected candidates ranged between 3.6 to 4.3 Lakhs.

## Financial Status

The present system of the Finance Department is totally cashless and students prefer to pay their fees through debit or Credit card. The total online payment system through bank is also being introduced so that the students and affiliated colleges can pay their respective dues in a hassle free manner. The present ERP system develop by M/s. ITI Ltd. (Govt. of Undertaking) which has become old is being replaced by a new e-governance software to be developed by M/s. WEBEL Ltd. it may be mentioned here that the NAAC team has accredited the University with B<sup>++</sup> grade and with respect to 'Financial Management and resource mobilisation' they mentioned in their report that

*'An effective financial management system in place. Resources are mostly from fees charged which is reviewed/revised every year. The accounts are audited regularly by CAG and the audit is up to date.'*

They have also mentioned in the institutional strength segment of the University that 'healthy financial status and good financial management' is existing in the University.

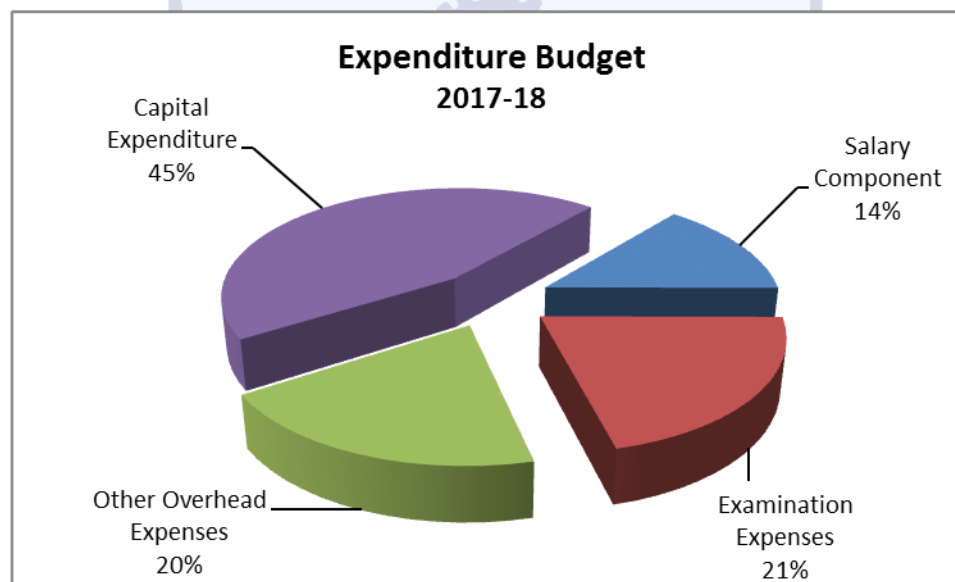
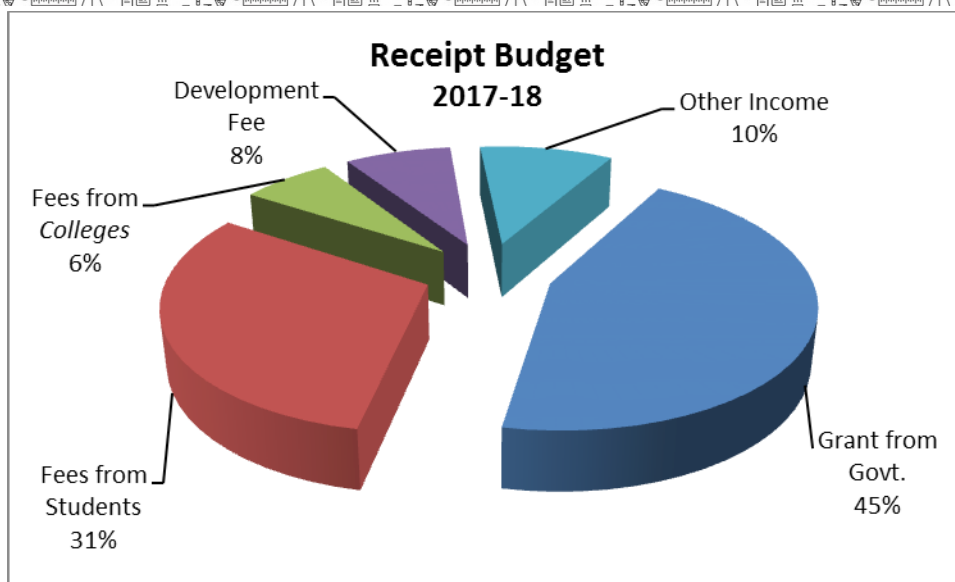
It is pertinent to note here that the Local Audit department of the CAG had gone through the 'Transaction Audit' of the University up to the period of 2016-2017 and the parawise Broadsheet Reply of the Transaction Audit has already been prepared and is being sent to the CAG and Higher Education department, Government of West Bengal.

The University Budget for the financial year 2018-19 had been prepared in time which specifically indicates the object and limits up to which expenditure may be incurred during the specific financial period which enables the departments to translate their future plan into reality, keeping parity with provision of resource for the concerned department. The Revised Budget for the Financial Year 2017-2018 and the Proposed Budget for the Financial Year 2018-2019 have been prepared after going through the discussions with the Head of the Departments. Academic Globalisation and Technology related change drives and constantly reshaping the landscape of the higher education. The University has tried its level best to accommodate all requirements of the Departments with its own resources generation.

The expenditure and income segments can be viewed from the following Pie Chattr.

Budget 2017-18	
Grant from Govt.	4,609.52
Fees from Students	3,195.34
Fees from Colleges	683.00
Development Fee	802.90
Other Income	1,011.50
<b>Total Inflow</b>	<b>10,302.26</b>
Salary Component	1,509.53
Examination Expenses	2,277.10
Other Overhead Expenses	2,132.29
Capital Expenditure	4,874.60
<b>Total Outflow</b>	<b>10,793.52</b>





**Main Reason for changes in Receipt Budget:**

a) The Non Plan income from the State Government has been incurred by 461.75 lakhs due to following reasons

I. For implementation of Pay Revision for existing employees.

II. Salary for new Faculty members and other employees for new departments to be started at the new campus.

b) The XII Plan Grant received from UGC has expired in the month of September, 2017 and there is little chance for XIII Plan Grant to come. Hence the expected grants from the Central Government have been reduced by 5 Core.

c) The University has increased the fee structure recently and several new courses are coming up in near future. In view of that the amount expected from different fees has been increased considerably.

d) Instead of Term Deposit has also been increased on the basis of volume of Term Deposits.

**Main Reasons of changes in Expenditure Budget:**

- a) The University is going to be shifted to new campus and new Departments are coming up which require more human & physical facilities. The prospective expenditure has been provided in the Budget of 2018-2019.
- b) The impact of pay scale revision has been incorporated in the budget which enhanced the expenditure by a large amount.
- c) Different facilities for the students and employees are being created in the new campus for which expenditure has been provided in the budget.
- d) Different new units to facilitate different functions have been created like Medical unit, Studio, Security unit, Nodal Centre, Quality Assurance Cell, Centre for collaborative & inter disciplining studies, Yoga Centre, Distance educational cell, Human Resources Development Centre, Continuing Education cell etc. for which amount has been provided/increased in the Budget.

The University has gone through the GST registration and returns are being submitted regularly. All purchase in between two Finance Committee Meeting made with the approval of the Purchase Committee Meeting which is reported to the next Finance Committee Meeting regularly.

It may be further mentioned here that all investment in between two Finance Committee Meeting are made in accordance with the State Government guideline under instruction of Investment Committee which are reported to the next Finance Committee Meeting.

The University has also released a considerable amount to the students of the University and affiliated colleges in case of death of their earning parents from Students' Development Fund. The University has also taken proactive role to send the University Team to different all India Sports Meet and provided sufficient fund for the Sports and Cultural Development.

The next financial year (2018-2019) is going to be very crucial for University as the main academic and administrative activity of the University are going to be shifted at our new campus at Haringhata. Necessary provisions for procurement of furniture, shifting and other development charges has been provided in the next years' budget to make the campus a vibrant one. The University is taking crucial help from different State Government Organisation like M/s. WEBEL, M/s. WBSIDC Ltd. etc. to complete different requirements of the new campus. By utilizing the TEQIP –II fund the present campus at Salt Lake has been made as green as possible by installing solar cell for lighting of the campus and for other requirements of canteen. The UGC XII Plan Utilisation Certificate has been sent to the University Grants Commission for most of their sanctioned amount in order to meet new socio-economic-technological requirements new courses are being introduced in emerging areas for which necessary provisions have been made in the next years' budget.

The entire campus has been renovated and different additional facilities like student common room, ladies common room, yoga room etc has been created by utilizing the UGC XII Plan Grant. The University canteen also has been equipped with modern facilities and equipments. As a result of this development under the leadership of Hon'ble Vice Chancellor a visible transformation of the entire campus took place prior to NAAC team visit.

**Hostel for Students**

Currently the University has girls hostel at Saltlake, Separate hostels for boys and girls are coming up at Haringhata with a total capacity for 900 students.

**Syllabus Up-gradation**



The University revises the regulations, scheme of examinations, curricula and syllabi at frequent interval keeping in view of the following.

- Feedback from the employers/civil society
- Instruction from the regulatory bodies such as AICTE and UGC and Assessment of regional needs
- Trend analysis.
- Societal and Industrial projections.
- Evaluation of availability of experts, expertise, training, tools and techniques.
- Review on affordability and utility as well as feasibility and addressing the global challenges.
- Feedback from Alumni

The revision has been done rigorously after taking inputs from various stake holders like Government policy makers, other technological universities of India, industries and research institutes. Joint meetings of the Boards of Studies are held to determine a uniform structure and curriculum to be followed by all B.Tech. Courses, the syllabi were revised accordingly and implemented from academic session 2010-11.

- In-house Syllabus revision for PG courses:

- Department of CSE:

- a) Syllabi of M.E in CSE and M.Tech in Software Engineering were revised twice after they started in 2005; once in 2007 and became effective from 2008-09 sessions and again in session 2013-14 when both the syllabi conformed to the uniform structure for M.Tech prescribed by the University.

- b) M.Tech in MVD was introduced in the academic session 2007-08 with a new syllabus which was revised twice after that, once in 2009 and again in 2013 to conform to the uniform structure prescribed by the University.

- Department of Information Technology:

- M.Tech. in IT was introduced in 2005 and the syllabus was revised in session 2013-14 when the syllabus conformed to the uniform structure for M.Tech prescribed by the University.

- Presently MHRD and DoIT&E, Govt. of India have jointly made the University a partner in the Curriculum Development programme related to Cyber and Internet Security. Under this programme new electives will be introduced in consultation with research institutes and industry

- Department of Biotechnology and Bioinformatics:

- M.Tech (Biotechnology) course was introduced in 2003 with a syllabus set by Department of Biotechnology (DBT), which was subsequently revised in 2009 as per departmental faculty expertise. M.Tech (Bioinformatics) course was initiated in 2005. The BOS subsequently revised and upgraded the syllabus in 2006, 2008 and 2011 as per the requirement of BINC examination and industry demand.

- Department of IEM:

- The M.Tech in Industrial Engineering & Management Course was introduced in 2008 with a new syllabus for Post Graduate programme.

- Affiliated Programmes:

- Technology:

- B.Tech Programmes have been revised in 2010 as stated before.

- Uniform structure of M.Tech courses has been introduced in 2009. All M.Tech courses have been revised in stages between 2011 to 2014.

- Applied Science:

Uniform structures for M.Sc. in applied sciences have been designed in 2015 and syllabii have been revised accordingly.

- Bachelor and Master in Management Sciences:

Uniform structures for B.M.S. and M.M.S. (Pharmaceutical Sciences) in applied sciences have been designed in 2015 and syllabii have been introduced accordingly.

## Report of Technical Education Quality Improvement Programme (TEQIP) for 2017-18

### Academic Activities Under TEQIP III :

a) MOU signing of Twinning Agreement under TEQIP – III at Delhi on **July 20-21, 2017**, which was attended by:

a) Dr. Atri Bhowmik, Finance Officer, MAKAUT, WB

b) Prof. Debashis De, TEQIP Coordinator

b) Mentor Mentee meeting held on **August 10-13, 2017** at Jammu, which was attended by following members:-

a) Dr. Indranil Mukherjee (Coordinator ,TEQIP - III )

b) Dr. Jaya Bandhyopadhyaya (Nodal Officer, Procurement Unit, TEQIP – III)

c) Dr. Atri Bhowmik (Nodal Officer , Financial Unit, TEQIP –III )

c) Sensitization Workshop on Induction Programme on **24<sup>th</sup> August, 2017** at Delhi which was attending by:

a) Prof. Saikat Maitra, Honourable Vice Chancellor of MAKAUT, WB

b) Dr. Prabir Kumar Das, Registrar(OSD) of MAKAUT, WB

c) Dr. Indranil Mukherjee, TEQIP – III Coordinator of MAKAUT, WB

d) Sensitization Workshop for Faculty Mentors on Induction Program for New Students which was organized on **October 13-15 2017** at IIT Guwahati. The following faculty members participated in the workshop:

a) Mr. Bivash Mallik – Dept. of Industrial Engineering and Management

b) Dr. Tufan Naiya – Dept. of Biotechnology

c) Dr. Sujoy Mistry – Dept. Of Computer Science and Engineering

e) Student Learning Assessment meeting held on **11<sup>th</sup> November, 2017** at Delhi, which was attended by Prof. Debashis De, Nodal Officer of Academic Unit, TEQIP – III, MAKAUT, WB.

f) Student Learning Assessment carried out at Maulana Abul Kalam Azad University of Technology, West Bengal on **29<sup>th</sup> November, 2017**.

g) Good Governance meeting at Delhi on **11<sup>th</sup> December, 2017** was attended by Prof. Subrata Kumar Dey,



Pro. Vice Chancellor of MAKAUT, WB.

h) **NBA Workshop held on December 14-15 2017** at Delhi under TEQIP III. Techno India Global Education Services Pvt. Ltd. organized the inauguration of the Nodal Centre and NBA workshop at Delhi. Representative from Islamic University of Science and Technology also attended the NBA workshop at Delhi.

Prof. Saikat Maitra, Dr. Indranil Mukherjee, Dr. Debashis De, Dr. Md. Aftabuddin, Dr. Atri Bhowmik, Dr. Sriyankar Acharya, Dr. Santanu Phadikar, Dr. Amiya Karmakar, Dr. RinaRani Ray, Dr. Suparna Biswas, Mihir Sing, Subhanjan Sarkar, Dr. Sriparna Saha, Rupali Patua, Dr. Susmita Chandra, Dipak Koley, Supriyo Banerjee, Partha Garai, Dr. Sujoy Mistry.

i) **International Conference On “Mathematical Sciences for Advancement of Science and Technology (MSAST 2017)”**, Jointly organized by Institute for Mathematics, Bioinformatics, Information Technology and Computer Science with Maulana Abul Kalam Azad University of Technology, West Bengal was held on **December 21-23 2017** at Indismart Hotel, Salt Lake, Sector – V, Kolkata -700091.

j) **AICTE meeting held at Delhi during December 23-25, 2017** attended by the Honorable Vice Chancellor of MAKAUT, WB.

k) Dr. Santanu Phadikar and Subhanjan Sarkar attended Startup the meeting during **January 4-5, 2018** at Chandigarh.

l) A group registration fee paid for attending as a technical partner the **52<sup>nd</sup> Annual Convention of Computer Society of India (CSI – 2017)** held on **19 – 21 January, 2018** at Science City, Kolkata, and West Bengal.

m) Dr. Atri Bhowmik, Finance Officer, MAKAUT, WB attended the Good Governance Summit programme at Delhi on **23<sup>rd</sup> January, 2018**.

n) Anveshan, a students' programme was conducted during the **6<sup>th</sup> to 8<sup>th</sup> February, 2018** at MAKAUT, WB through TEQIP – III funds.

o) A sum of Rs. 25,000/- has been supported to the Bose Institute (as an Academic partner) for **sIPS-2018 on Peptides in Biology and Material Science** on **22<sup>nd</sup> – 23<sup>rd</sup> February, 2018** including registration fee of Prof. R. Banerjee and Dr. Tridip Sheet.

p) Dr. Jaya Bandyopadhyay, 2 Research Assistants under TEQIP – III (Kunal Biswas, Tanaya Paul), 3 M. Tech Students (Arghajit Biswas, Sudhanshu Mishra and Nayan Pandey) attended **The 2<sup>nd</sup> Indian C. elegans Meeting** on **23<sup>rd</sup> – 26<sup>th</sup> February, 2018** held at the National Institute of Immunology, New Delhi.

q) Dr. Madhumita Das Sarkar and 25<sup>th</sup> M. Tech students of Microelectronics & VLSI Technology attended a special Induction Lectures of Prof. Arup Bhattacharya at IEST, Shibpur, West Bengal on **23<sup>rd</sup> February, 28<sup>th</sup> February and 1<sup>st</sup> March, 2018**.

r) 16 Research Assistants has been appointed from the 10<sup>th</sup> November, 2017.

s) A total amount of Rs. 23, 92,335/- has been utilized during October – December 2017 out of the total sanction amount of Rs. 78, 31,000/- for the period.

t) All other academic activities under taken so far were reported by the Academic Nodal Officer. The following activities are reported in the meeting:-

## 2. Workshops, Seminars, etc. organized by MAKAUT, WB

- a. A workshop on Smart Learning and Flipped Learning Program was held on 23<sup>rd</sup> March, 2018 at Haringhata Campus of MAKAUT, WB.
- b. A seminar on cancer awareness was held on 22<sup>nd</sup> March, 2018 under TEQIP – III.
- c. One day seminar on Intelligent Earth and Deep Learning was held on 29<sup>th</sup> March, 2018 at Salt Lake campus of MAKAUT, WB.
- d. A meeting cum workshop on formation of MAKAUT, WB e – resource consortia was conducted on 29<sup>th</sup> March, 2018 under TEQIP – III.
- e. A 1-week workshop on Data Science with R jointly was organized with MAKAUT, WB and IUST on 23<sup>rd</sup> – 29<sup>th</sup> March, 2018 at Government College of Engineering and Ceramic Technology, Kolkata.

## 3. Activities involving students & teachers

- a) We are conducting the General measure of Enterprising Tendency Test for our students and faculty members. First Test was conducted during April -2018 based on the availability of free periods.
- b) A Research Project Convention was held on 18<sup>th</sup> April, 2018 at Haringhata Campus of MAKAUT, WB. (For TEQIP III Research Assistantship)

## 4. Trainings / Workshops Attended

- a) All India workshop on “Six Sigma Fundamentals and Applications” organized at Jadavpur University on 16<sup>th</sup> – 17<sup>th</sup> March, 2018, was attended by 25 participants of IEM Department.
- b) A workshop on Next Generation Sequencing & Big Data Analysis was held on 20<sup>th</sup> – 21<sup>st</sup> March, 2018 at IICB Translational Research Unit of Excellence, CSIR – Indian Institute of Chemical Biology, Salt Lake, and Kolkata under TEQIP – III. Total 20 participants.
- c) An Industry visit to Taratala, Kolkata was organized for students of Biotech Department on 19<sup>th</sup> March, 2018.

## 5. Papers presented by Faculty / Students

- a) Biswajit Kundu, Mani Shankar Prasad, Progyan Bhattacharya (Guide: Dr. Kaushik Majumder), attended the Onsite Competition for ACM International Collegiate Programming Contest 2018 in Amritapuri, Kerala. This competition was held during 26<sup>th</sup> – 27<sup>th</sup> December, 2017.
- b) Jay Karia, Satyam Kumar, Sumit Kumar Mridha (Guide: Saikat Basu), attended the Onsite Competition for ACM International Collegiate Programming Contest 2018 at Kanpur Site. This competition was held during 23<sup>rd</sup> – 24<sup>th</sup> December, 2017.
- c) Dr. Santanu Phadikar's paper was accepted at the 52<sup>nd</sup> Annual Convention of Computer Society of India (CSI – 2017). This conference was held during 19<sup>th</sup> – 21<sup>st</sup> January, 2018 at Science City, Kolkata.
- d) Avishek Pandey (Guide: Bivash Mallick) participated the conference on “Leveraging Simulation and Optimization Techniques for Manufacturing Excellence and Productivity Enhancement” at Tatanagar on 13<sup>th</sup> February, 2018.
- e) Ishita Bhakta's (R.A.) paper was accepted at the 52<sup>nd</sup> Annual Convention of Computer Society of India (CSI – 2017) (Guide: Dr. Santanu Phadikar & Dr. Kaushik Majumder). This conference was held during 19<sup>th</sup> – 21<sup>st</sup> January, 2018 at Science City, Kolkata.



f) Kamalika Bhattachariya (Guide: Dr. Debashis De) participated in the 6<sup>th</sup> International Conference on Computing Communication and Sensor Network 2017(CCSN 2017) in Kolkata during 30<sup>th</sup> – 31<sup>st</sup> December, 2017.

g) Kunal Biswas (R.A.), Tanaya Paul (R.A.), Arghajit Biswas(M.Tech), Sudhanshu Mishra(M.Tech), Nayan Pandey(M.Tech) and Dr. Jaya Bandyopadhyay participated in the 2<sup>nd</sup> Indian Worm Meet -2018 at NII, New Delhi (23<sup>rd</sup> – 26<sup>th</sup> February, 2018). Abstracts for poster sessions were accepted in the same meeting at New Delhi.

h) Two papers submitted by Dr. Suparna Biswas had been accepted for paper presenting in IEEE WISPNET 2018 on 22<sup>nd</sup> – 24<sup>th</sup> March, 2018 at SSN College of Engineering at Chennai.

#### Research Assistants under TEQIP III

<i>Name of Research Assistants</i>
Asmita Roy (Computer Science & Engineering)
Biswajit Jana (Computer Science & Engineering)
Deeprsubhra Guha Roy (Computer Science & Engineering)
Ishita Bhakta (Computer Science & Engineering)
Joyeeta Chakraborty (Biotechnology)
Kunal Biswas (Biotechnology )
Mandar Bhattachariyya (Biotechnology )
Priti Deb (Computer Science & Engineering)
Ramesh Saha (Computer Science & Engineering)
Sadip Midya (Computer Science & Engineering)
Soumya Kanti Ghosh (Bioinformatics DBT-BIF)
Suman Mitra (Computer Science & Engineering)
Swagata Roy Chowdhury (Biotechnology )
Tanaya Paul (Biotechnology )
Tanmoy Mondal (Biotechnology)

*In Pursuit Of Knowledge And Excellence*

## List of Affiliated Colleges along with Courses offered

The University had 194 affiliated colleges in 2017-18 situated in all over West Bengal.

Cod e	College	Address	Level	Course	Intake
101	JALPAIGUR I GOVERNMENT ENGINEERING COLLEGE	JALPAIGURI GOVT. ENGG COLLEGE, JALPAIGURI - 735102 WEST BENGAL Tel: (03561) 255132 Telefax: (03561) 255131 E-mail: slg_jgec@ernet.in	UG	CIVIL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	INFORMATION TECHNOLOGY	60
			UG	MECHANICAL ENGINEERING	60
			PG	MECHANICAL ENGINEERING	15
			PG	ELECTRICAL ENGINEERING	15
102	KALYANI GOVERNMENT ENGINEERING COLLEGE	KALYANI UNIVERSITY CAMPUS KALYANI- 741235, DIST. NADIA WEST BENGAL INDIA Tel: (033) 2582-6680 Telefax: (033) 2582- 1309 E-mail: achintya_das@yahoo.co. in	UG	ELECTRICAL ENGINEERING	60
			UG	COMPUTER SCIENCE & ENGINEERING	60
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	60
			UG	INFORMATION TECHNOLOGY	60
			UG	MECHANICAL ENGINEERING	60
			PG	COMPUTER SCIENCE & ENGINEERING	18
			PG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	18
			PG	PRODUCTION ENGINEERING	18
			PG	ELECTRICAL ENGINEERING	18
			PG	INFORMATION TECHNOLOGY	18
103	HALDIA INSTITUTE OF TECHNOLOGY	ICARE COMPLEX; HIT CAMPUS, HALDIA, PURBA MEDINIPUR, WEST BENGAL, 721657 Tel: (03224) 252900 Telefax: (03224) 252800, 253062 E-mail: kgp- hit123@sancharnet.in	UG	MASTERS IN COMPUTER APPLICATIONS	40
			UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
			UG	BIOTECHNOLOGY	60
			UG	CHEMICAL ENGINEERING	60
			UG	CIVIL ENGINEERING	120
			UG	COMPUTER SCIENCE AND ENGINEERING	120
			UG	ELECTRICAL ENGINEERING	120
			UG	ELECTRONICS & COMMUNICATION ENGG	120
			UG	FOOD TECHNOLOGY	60
			UG	INFORMATION TECHNOLOGY	60
			UG	INSTRUMENTATION AND CONTROL ENGINEERING	60
			UG	MECHANICAL ENGINEERING	120
			UG	PRODUCTION ENGINEERING	60
			UG	MECHANICAL ENGINEERING (2 <sup>ND</sup> SHIFT)	60
			UG	ELECTRONICS & COMMUNICATION ENGINEERING (2 <sup>ND</sup> SHIFT)	60
			UG	CIVIL ENGINEERING (2 <sup>ND</sup> SHIFT)	60
			PG	MECHANICAL ENGINEERING	18
			PG	CHEMICAL ENGINEERING	18



104	INSTITUTE OF ENGINEERING & MANAGEMENT	SALT LAKE ELECTRONICS COMPLEX, SECTOR-V, KOLKATA-700091 Tel: (033) 2357-2059/7649/8189/8908 Fax: (033) 2357-8320 E-mail: admin@iemcal.com	PG	BIOTECHNOLOGY	36
			PG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	36
			PG	COMPUTER SCIENCE AND ENGINEERING	18
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
			PG	MASTERS IN COMPUTER APPLICATIONS	60
			UG	COMPUTER SCIENCE AND ENGINEERING	180
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	180
			UG	INFORMATION TECHNOLOGY	120
			UG	ELECTRICAL ENGINEERING	120
			UG	MECHANICAL ENGINEERING	60
			UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60
			PG	INFORMATION TECHNOLOGY	18
			PG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	18
105	BANKURA UNNAYANI INSTITUTE OF ENGINEERING	AT : POHABAGAN, BHAGABANDH, BANKURA, WEST BENGAL, 722146 Tel: (03242) 259360, 255955/855 Fax (03242) 255955 E-mail: bku_eng@sancharnet.in	UG	MECHANICAL ENGINEERING	60
			UG	INFORMATION TECHNOLOGY	30
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	120
			UG	ELECTRICAL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	CIVIL ENGINEERING	60
			UG	APPLIED ELECTRONICS AND INSTRUMENTATION	30
			PG	COMPUTER SCIENCE & ENGINEERING	18
			PG	VLSI AND MICROELECTRONICS	18
			UG	COMPUTER SCIENCE & ENGINEERING	60
106	MURSHIDABAD COLLEGE OF ENGINEERING & TECHNOLOGY	BANJETIA, BERHAMPORE, MURSHIDABAD, WEST BENGAL, 742102 Telefax: (03482) 251191, 258145 E-mail: mcetbhb@sancharnet.in	UG	ELECTRONICS & COMMUNICATIONS ENGINEERING	60
			UG	INFORMATION TECHNOLOGY	60
			UG	CIVIL ENGINEERING	60
			UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
			UG	ELECTRICAL ENGINEERING	60
			UG	MECHANICAL ENGINEERING	60
			UG	INFORMATION TECHNOLOGY	60
107	COLLEGE OF ENGINEERING & MANAGEMENT	P.O.:KTPP TOWNSHIP, DIST.: PURBA MEDINIPUR, PIN-721 171, WEST BENGAL	UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	ELECTRICAL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	MECHANICAL ENGINEERING	60
			UG	INFORMATION TECHNOLOGY	60

	ENT, KOLAGHAT	Tel: (03228) 249443, 250600/971 Fax: (03228) 250880 E-mail: cemk_director@rediffma il.com/director@cemk.ac .in	UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
108	ASANSOL ENGINEERI NG COLLEGE	VIVEKANANDA SARANI KANYAPUR, ASANSOL, BARDHAMAN, WEST BENGAL 713305 Telefax: (0341) 2253057/2108 E-mail: dgp_aec@sancharnet.in	UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
			UG	CIVIL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	120
			UG	ELECTRICAL ENGINEERING	120
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	120
			UG	INFORMATION TECHNOLOGY	90
			UG	MECHANICAL ENGINEERING	120
			PG	ELECTRONICS & COMMUNICATION ENGG	13
			PG	ELECTRICAL ENGINEERING	13
			PG	MASTERS IN COMPUTER APPLICATIONS	60
109	NETAJI SUBHASH ENGINEERI NG COLLEGE	TECHNO CITY, GARIA, KOLKATA- 700152 Tel: (033) 2436- 3333/1285 Fax: (033) 2436-1286 E-mail: principal_nsec@rediffma il.com nsec@giascal01.vsnl.net. in	UG	COMPUTER SCIENCE AND ENGINEERING	120
			UG	CIVIL ENGINEERING	120
			UG	BIOMEDICAL ENGINEERING	30
			UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
			UG	INFORMATION TECHNOLOGY	90
			UG	ELECTRONICS & COMMUNICATION ENGG	120
			UG	ELECTRICAL ENGINEERING	120
			UG	MECHANICAL ENGINEERING	120
			PG	COMPUTER SCIENCE AND ENGINEERING	18
			PG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	18
			PG	CONTROL AND INSTRUMENTATION	18
			PG	POWER SYSTEMS	36
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
110	GOVT. COLLEGE OF ENGG. & TEXTILE TECHNOLO GY, SERAMPOR E	12, WILLIAM CARRY ROAD, DIST. HOOGHLY, SERAMPORE, HOOGHLY, WEST BENGAL, 712201 Tel: (033) 2662- 1058/3156 E-mail: ctts@giascal01.vsnl.net.in	UG	TEXTILE TECHNOLOGY	60
			UG	INFORMATION TECHNOLOGY	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	APPAREL AND PRODUCTION MANAGEMENT	60
			PG	CHEMICAL PROCESSING IN TEXTILES	10
			PG	TEXTILE TECHNOLOGY	10
111	GOVT. COLLEGE OF	4, CANTONMENT ROAD, P.O.- BERHAMPORE, DIST-	UG	COMPUTER SCIENCE AND ENGINEERING	44
			UG	ELECTRICAL ENGINEERING	30
			UG	MECHANICAL ENGINEERING	30
			UG	TEXTILE TECHNOLOGY	60



	ENGINEERING AND TEXTILE TECHNOLOGY, BERHAMPORE	MURSHIDABAD, WEST BENGAL 742101 Tel: (03482) 250142 Fax: (03482) 250809 E-mail: cttbcse@sancharnet.in	PG	TEXTILE ENGINEERING	18
112	GOVERNMENT COLLEGE OF ENGINEERING AND LEATHER TECHNOLOGY	BLOCK LB, SEC III, SALT LAKE, KOLKATA – 700098, NORTH 24 PARGANAS, WEST BENGAL Telefax: (033) 2335-6977 Fax: (033) 2200-2444 E-mail: clt@vsnl.net	UG	FOOTWEAR TECHNOLOGY	10
			UG	COMPUTER SCIENCE & ENGINEERING	60
			UG	INFORMATION TECHNOLOGY	40
			UG	LEATHER TECHNOLOGY	30
			PG	LEATHER TECHNOLOGY	25
113	GOVERNMENT COLLEGE OF ENGINEERING & CERAMIC TECHNOLOGY	73, ABINASH CHANDRA BANNERJEE LANE, KOLKATA – 700010, WEST BENGAL Telefax: (033) 2370-1264 Email: gcect@rediffmail.com	UG	CERAMIC ENGINEERING AND TECHNOLOGY	40
			UG	COMPUTER SCIENCE & ENGINEERING	40
			UG	INFORMATION TECHNOLOGY	40
			PG	INFORMATION TECHNOLOGY	18
			PG	CERAMIC ENGINEERING AND TECHNOLOGY	18
115	B.P. PODDAR INSTITUTE OF MANAGEMENT & TECHNOLOGY	137, V.I.P. ROAD KOLKATA – 700 052. Tel: (033) 2573-9607/9608/9609/9610 Fax: (033) 2573-9401 E-mail: info@bppimt.ac.in	UG	COMPUTER SCIENCE AND ENGINEERING	120
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	120
			UG	INFORMATION TECHNOLOGY	60
			PG	MASTERS IN COMPUTER APPLICATIONS	40
116	MCKV INSTITUTE OF ENGINEERING	243, G.T. ROAD (NORTH), LILUAH, HOWRAH, WEST BENGAL 711204 Tel: (033) 2654-9315/9317 Fax: (033) 2654-9318 E-mail: mckvie@vsnl.net	UG	AUTOMOBILE ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	INFORMATION TECHNOLOGY	60
			UG	MECHANICAL ENGINEERING	60
			PG	ELECTRONICS & COMMUNICATION ENGG	18
			PG	COMPUTER SCIENCE AND ENGINEERING	18
			PG	AUTOMOTIVE TECHNOLOGY	18
			PG	ELECTRONICS & COMMUNICATION(VLSI DESIGN)	18
117	RCC INSTITUTE		PG	MASTERS IN COMPUTER APPLICATIONS	30
			UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
			UG	COMPUTER SCIENCE AND ENGINEERING	120

	OF INFORMATI ON TECHNOLO GY	CANAL SOUTH ROAD, BELIAGHATA, KOLKATA – 700 015 Tel: (033) 2216- 1463/1400 Telefax: 2323-3356/3357 E-mail: campus@rciit.in	UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	120
			UG	INFORMATION TECHNOLOGY	120
			PG	COMPUTER SCIENCE & ENGINEERING	18
			PG	INFORMATION TECHNOLOGY	18
			PG	TELECOMMUNICATION ENGINEERING	18
			PG	MASTERS IN COMPUTER APPLICATIONS	60
118	BIRBHUM INSTITUTE OF ENGINEERI NG & TECHNOLO GY	P.O.-SURI, DIST. – BIRBHUM: PIN CODE – 731101 Tel: (03462) 255748/749, 256839 Fax: (03462) 258488 E-mail: ksh_dirbiet@sancharnet.i n	UG	CIVIL ENGINEERING	120
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	120
			UG	INFORMATION TECHNOLOGY	60
			UG	MECHANICAL ENGINEERING	120
			PG	MANUFACTURING TECHNOLOGY	18
			PG	HEAT POWER ENGINEERING	18
119	SILIGURI INSTITUTE OF TECHNOLO GY	HILL CART ROAD, SUKNA, SILIGURI, DARJEELING, WEST BENGAL, 734009 Tel: (0353) 2571074/076/093, 2778004 Fax: (0353) 2778003 E-mail: sit99@rediffmail.com	UG	CIVIL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	90
			UG	ELECTRICAL ENGINEERING	120
			UG	ELECTRONICS AND COMMUNICATION ENGINEERING	90
			UG	INFORMATION TECHNOLOGY	60
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
120	DR. B. C. ROY ENGINEERI NG COLLEGE, DURGAPU R	JEMUA ROAD, FULJHORE, DURGAPUR, 713206 Tel: (0343) 2501353/4106 Fax: (0343) 2503424, 2504059 Email: dgp_bcrc@sancharnet.i n	UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
			UG	CIVIL ENGINEERING	120
			UG	COMPUTER SCIENCE AND ENGINEERING	120
			UG	ELECTRICAL ENGINEERING	120
			UG	ELECTRONICS & COMMUNICATION ENGG	120
			UG	INFORMATION TECHNOLOGY	60
			UG	MECHANICAL ENGINEERING	120
			PG	COMPUTER SYSTEMS AND TECHNOLOGY	18
			PG	MECHANICAL ENGINEERING	18
			PG	MODERN COMMUNICATION ENGINEERING	18
			PG	POWER SYSTEMS ENGINEERING	18
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
121	BENGAL INSTITUTE OF	TECH TOWN, DHAPA MANPUR ON BASANTI HIGHWAY,	UG	BIOTECHNOLOGY	30
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	60



	TECHNOLOGY	PO-HADIA, KOLKATA-700150 Tel: (033) 2345-8001/8004 Fax: (033) 2345-8005 E-mail: info@bitcollege.org	UG	INFORMATION TECHNOLOGY	60
122	ST. THOMAS' COLLEGE OF ENGINEERING & TECHNOLOGY	4, DIAMOND HARBOUR ROAD, KOLKATA, WEST BENGAL, PIN -700023 Tel: (033) 2448-1081/82 Fax: (033) 2448-2914 E-mail: stcet@stcet.ac.in	UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	INFORMATION TECHNOLOGY	60
123	JIS COLLEGE OF ENGINEERING	BLOCK-A, PHASE – III, KALYANI, NADIA, WEST BENGAL, 741235 Tel: (033) 2582-2137/2856, 2582-8640 Fax: (033) 2580-8560 E-mail: tmp@jisgroup.org	UG	BIOMEDICAL ENGINEERING	60
			UG	CIVIL ENGINEERING	120
			UG	COMPUTER SCIENCE AND ENGINEERING	120
			UG	ELECTRICAL ENGINEERING	120
			UG	ELECTRONICS AND COMMUNICATION ENGG	120
			UG	INFORMATION TECHNOLOGY	60
			UG	MECHANICAL ENGINEERING	120
			PG	MECHANICAL ENGINEERING	18
			PG	ELECTRICAL DEVICES AND POWER SYSTEMS	18
			PG	COMPUTER SCIENCE AND ENGINEERING	18
			PG	MOBILE COMMUNICATION AND NETWORK TECHNOLOGY	18
124	GUPTA COLLEGE OF TECHNOLOGICAL SCIENCES	ASHRAM MORE G.T. ROAD ASANSOL-713301 Tel: (0341) 2213120/2204423 Telefax: (0341) 2214604 E-mail: trinitytrustasansol@rediffmail.com	UG	PHARMACY	100
			PG	PHARMACOLOGY	18
			PG	PHARMACEUTICS	18
125	BENGAL COLLEGE OF ENGINEERING & TECHNOLOGY	SAHID SUKUMAR BANERJEE SARANI BIDHAN NAGAR, DURGAPUR PIN- 713 212 DIST: BURDWAN WEST BENGAL Tel: (0343) 2533190/187, 2536756, 2532606 Telefax: (0343) 2533186 E-mail: skset_dgp@rediffmail.com	UG	CIVIL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	120
			UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS AND COMMUNICATION ENGINEERING	120
			UG	INFORMATION TECHNOLOGY	120
			UG	MECHANICAL ENGINEERING	60
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
			PG	MASTERS IN COMPUTER APPLICATIONS	60

126	HERITAGE INSTITUTE OF TECHNOLOGY	994, MADURDAHA, CHOWBAGA ROAD, ANADAPUR P.O. EAST KOLKATA TOWNSHIP, KOLKATA SOUTH 24 PARGANAS, WEST BENGAL 700107 Tel: (033) 2443-0454/56/57/1255 - 58 Fax: (033) 2443-0455/1259 E-mail: admin@heritageit.edu	UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
			UG	BIOTECHNOLOGY	60
			UG	CHEMICAL ENGINEERING	60
			UG	CIVIL ENGINEERING	120
			UG	COMPUTER SCIENCE AND ENGINEERING	180
			UG	MECHANICAL ENGINEERING	120
			UG	INFORMATION TECHNOLOGY	60
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	180
			UG	ELECTRICAL ENGINEERING	60
			PG	VLSI	18
			PG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	18
			PG	BIOTECHNOLOGY	18
			PG	COMPUTER SCIENCE AND ENGINEERING	36
			PG	APPLIED ELECTRONICS AND INSTRUMENTATION	18
127	NARULA INSTITUTE OF TECHNOLOGY	81, NILGUNJ ROAD, AGARPARA, KOLKATA-700109 Tel: (033) 2563-8888 Telefax: (033) 2583-7029/7777 E-mail: info@nit.ac.in	PG	RENEWABLE ENERGY	18
			UG	CIVIL ENGINEERING	120
			UG	COMPUTER SCIENCE AND ENGINEERING	120
			UG	ELECTRICAL ENGINEERING	120
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	120
			UG	ELECTRONICS AND INSTRUMENTATION ENGINEERING	60
			UG	INFORMATION TECHNOLOGY	60
			UG	MECHANICAL ENGINEERING	60
			PG	COMPUTER SCIENCE AND ENGINEERING	18
			PG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	18
			PG	POWER SYSTEMS	18
129	BHARATIY A VIDYA BHAVAN INSTITUTE OF MANAGEMENT SCIENCE	BLOCK-FA, SECTOR-III, SALT LAKE CITY Tel: (033) 2335-1250 Telefax: (033) 2335-8754	PG	MASTERS IN BUSINESS ADMINISTRATION	120
130	TECHNO INDIA	EM-4/1, SECTOR-V, SALT LAKE, KOLKATA-700091 Tel: (033) 2357-5683/5685 Fax: (033) 2357-5686 E-mail: info@ticollege.org	UG	CIVIL ENGINEERING	120
			UG	COMPUTER SCIENCE & ENGINEERING	120
			UG	ELECTRICAL ENGINEERING	120
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	120
			UG	ELECTRONICS AND INSTRUMENTATION ENGINEERING	60
			UG	FOOD TECHNOLOGY	60
			UG	INFORMATION TECHNOLOGY	120
			UG	MECHANICAL ENGINEERING	120
			UG	ELECTRICAL ENGINEERING (2 <sup>ND</sup> SHIFT)	60



			PG	FOOD TECHNOLOGY	18
			PG	VLSI AND MICROELECTRONICS	18
			PG	CIVIL ENGINEERING	18
			PG	ELECTRICAL ENGINEERING (2 <sup>ND</sup> SHIFT)	18
			PG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	18
			PG	BUSINESS ADMINISTRATION	60
131	DUMKAL INSTITUTE OF ENGINEERING & TECHNOLOGY	VILLAGE BASANTAPUR PO BASANTAPUR PS DUMKAL DIST MURSHIDABAD PIN 742406 Tel: (03481) 231201/230033 Fax: (03481) 231188 E-mail: dietnet@hotmail.com	UG	MECHANICAL ENGINEERING	60
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	COMPUTER SCIENCE & ENGINEERING	60
			UG	CIVIL ENGINEERING	60
			PG	ELECTRONICS AND COMMUNICATION ENGINEERING	18
132	BHOLANA NDA NATIONAL ACADEMY	VILLAGE: PANPUR, P.O. NARAYANPUR, KANKINARA, DISTRICT: 24 PARGANAS (N), WEST BENGAL, PIN – 743126.	UG	BBA	60
			UG	BCA	60
			UG	BBA (HOSPITAL MANAGEMENT)	30
133	GEORGE COLLEGE	136 B. B. GANGULY STREET, KOLKATA – 700012 Tel: (033) 2217-6142 Telefax: (033) 2217-6143 E-mail: enquiry@georgecollege.org	UG	BBA	90
			UG	BCA	90
			UG	BBA (HOSPITAL MANAGEMENT)	90
			UG	BTTM	60
			UG	B.SC IN MEDIA SCIENCE	60
			UG	BBA (SPORTS MANAGEMENT)	60
134	GITARAM INSTITUTE OF MANAGEMENT	BERHAMPORE, MURSHIDABAD Telefax: (03482) 226440, 9002805538/9475681137 E-mail: gitaram.institute2000@gmail.com	UG	BBA	40
			UG	BCA	60
			UG	BBA (HOSPITAL MANAGEMENT)	60
136	ARMY INSTITUTE OF MANAGEMENT	JUDGES COURT ROAD OPPOSITE ALIPORE TELEPHONE EXCHANGE ALIPORE KOLKATA-700027 Tel: (033) 2479-4494, 2439-8335/37/38 Telefax: (033) 2479-4929 E-mail:	PG	BUSINESS ADMINISTRATION	120

137	INSTITUTE OF BUSINESS MANAGEMENT & RESEARCH	aim_kol@rediffmail.com 318A, PRANTIK PALLY, RAJDANGA, KOLKATA – 700107.	PG	MASTERS IN BUSINESS ADMINISTRATION (FULL TIME) 1 <sup>ST</sup> SHIFT	30
139	VIDYASAGAR COLLEGE OF OPTOMETRY & VISION SCIENCE	220, HOSSENPUR, (E.M. BY PASS NEAR KALIKAPUR BRIDGE), KOL - 700107 Tel: (033) 2441-4412 Telefax: (033) 2441-2542 E-mail: vcovs_inf@hotmail.com	UG	B.OPTOM (BACHELOR OF OPTOMETRY)	60
142	MEGHNAD SAHA INSTITUTE OF TECHNOLOGY	TECHNO COMPLEX, MADURDAHA, BESIDE NRI COMPLEX, UCHHEPOTA, KOLKATA-700150 Tel: (033) 2443-1031 Fax: (033) 2443-1032 E-mail: msit_engg@hotmail.com	UG	MECHANICAL ENGINEERING	60
			UG	INFORMATION TECHNOLOGY	60
			UG	CIVIL ENGINEERING	120
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	120
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	60
			PG	COMPUTER SCIENCE AND ENGINEERING	18
			PG	GEO TECHNICAL ENGINEERING	18
			PG	ELECTRONICS & COMMUNICATION ENGG	18
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
143	GURUNANAK INSTITUTE OF TECHNOLOGY	157/F, NILGUNJ ROAD, PANIHATI, SODEPUR, KOLKATA-700114 Tel: (033) 2563-7929 Telefax: (033) 2563-7957 E-mail: info@jisgroup.ac.in	PG	MASTERS IN COMPUTER APPLICATIONS	60
			UG	ELECTRONICS & COMMUNICATION ENGG	120
			UG	ELECTRICAL ENGINEERING	120
			UG	COMPUTER SCIENCE AND ENGINEERING	120
			UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
			UG	FOOD TECHNOLOGY	60
			UG	INFORMATION TECHNOLOGY	60
			PG	MOBILE COMMUNICATION AND NETWORK	18
			PG	COMPUTER SCIENCE AND ENGINEERING	18
			PG	MASTERS IN COMPUTER APPLICATIONS	60
144	NEOTIA INSTITUTE OF TECHNOLOGY, MANAGEMENT AND SCIENCE	DIAMOND HARBOUR ROAD P.O.: AMIRA SOUTH 24 PARGANAS WEST BENGAL PIN-743368 Tel: (03174) 245078/101/354 E-mail: info@itmeindia.org	UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	60



145	TECHNO INDIA INSTITUTE OF TECHNOLOGY	MOUZA – DHAPA, MANPUR, J.L. NO. 1, WARD NO. 108, KOLKATA E-mail: info@technoindiagroup.com	UG UG UG	BBA BCA BBA (HOSPITAL MANAGEMENT)	60 60 60
148	FUTURE INSTITUTE OF ENGINEERING AND MANAGEMENT	SONARPUR STATION ROAD.,DIST.-SOUTH 24 PRGS., KOLKATA 700150 Tel: (033) 2434-5615/5640 Fax: (033) 2434-5641 E-mail: director@fiemonline.org / official@fiemonline.org	UG UG UG UG UG UG UG PG PG	APPLIED ELECTRONICS AND INSTRUMENTATION COMPUTER SCIENCE AND ENGINEERING ELECTRICAL ENGINEERING ELECTRONICS & COMMUNICATION ENGG INFORMATION TECHNOLOGY MECHANICAL ENGINEERING BUSINESS ADMINISTRATION MASTERS IN COMPUTER APPLICATIONS	60 120 60 120 60 60 60 60 60
149	NSHM COLLEGE OF MANAGEMENT & TECHNOLOGY	ARRAH SHIVTALA, VIA MUCHIPARA, DURGAPUR, DIST. BURDWAN, WEST BENGAL, PIN – 713212 Tel: (0343) 2533813/814/815, 2561045 Email: info@nshmc.com	UG UG UG UG UG UG PG PG	BCA B.OPTOM (BACHELOR OF OPTOMETRY) BBA (HOSPITAL MANAGEMENT) BBA BTTM BHM M.SC IN COMPUTER SCIENCE M.SC IN APPLIED MATHEMATICS	90 90 120 120 30 60 30 30
150	NOPANY INSTITUTE OF MANAGEMENT STUDIES	2-D, NANDO MULLICK LANE, KOLKATA – 700 006 Tel: (033) 2533-8503, 3259-0283 Fax: (033) 2543-7168 Email: director@nopanyinstituteofmanagementstudies.com	UG UG UG	BCA BBA BBA (HOSPITAL MANAGEMENT)	60 60 60
152	TECHNO INDIA (HOOGHLY CAMPUS)	DHARAMPUR SANTINIKATAN, HOOGHLY-712 101 Tel: (033) 2680-2389/4753 E-mail: info@ticollege-hooghly.org	UG UG UG PG	B.OPTOM (BACHELOR OF OPTOMETRY) BBA BCA M.SC IN INFORMATION SCIENCE	20 120 120 60
153	SYAMAPRASAD INST.	7 RAJA RAMMOHON ROY ROAD,	UG	BCA	60

	OF TECH. & MANAGEM ENT	TOLLYGUNGE SIRITI MORE, KOLKATA 700041 Tel: (033) 2455-2289 Telefax: (033) 2454-2289, 2485-5905 Email: spinst@dataone.in			
154	DINABANDHU ANDREWS INSTITUTE OF TECHNOLOGY & MANAGEM ENT	1/406A, BLOCK-S, BAISHNABGHATA PATULI TOWNSHIP, KOLKATA – 700 094. Tel: (033) 2430-4876/4878 Fax: (033) 2430-1762 E-mail: daitm@vsnl.net.in	UG UG UG PG PG	BCA BBA BBA (HOSPITAL MANAGEMENT) M.SC IN COMPUTER SCIENCE M.SC IN APPLIED MATHEMATICS	120 90 90 30 30
155	DURGAPUR INSTITUTE OF ADVANCED TECHNOLOGY & MANAGEM ENT	G.T. ROAD, RAJBANDH, DURGAPUR-713212, DIST. BURDWAN WEST BENGAL Tel: (0343) 2520712/713 Fax: (0343) 2520881 E-mail: diatm@rahul.ac.in	UG UG UG UG UG UG	MECHANICAL ENGINEERING INFORMATION TECHNOLOGY ELECTRONICS & COMMUNICATION ENGG ELECTRICAL ENGINEERING COMPUTER SCIENCE AND ENGINEERING CHEMICAL ENGINEERING	120 60 90 120 90 60
156	PAILAN COLLEGE OF MANAGEM ENT & TECHNOLOGY [B.TECH DIVISION]	BENGAL PAILAN PARK, SECTOR – 1 PHASE - I JOKA, (OFF DIAMOND HARBOUR ROAD), KOLKATA-700 104 Tel: (033) 24978006/007, 2453-5605 Fax: (033) 2453-5604 E-mail: pcmt@pcmt-india.net	UG UG UG UG	ELECTRONICS & COMMUNICATIONS ENGINEERING ELECTRICAL & ELECTRONICS ENGINEERING COMPUTER SCIENCE AND ENGINEERING CIVIL ENGINEERING	60 60 60 60
158	MALLABHUM INSTITUTE OF TECHNOLOGY	CAMPUS: BRAJA-RADHANAGAR P.O.-GOSAINPUR, P.S. BISHNUPUR. DIST.-BANKURA, PIN-722122 Tel: (03244) 255207/208 Telefax: (03244) 255206 E-mail: mallaengedu@vsnl.net	UG UG UG UG UG	COMPUTER SCIENCE AND ENGINEERING ELECTRICAL ENGINEERING ELECTRONICS & COMMUNICATION ENGG CIVIL ENGINEERING MECHANICAL ENGINEERING	60 60 90 60 120
159			UG PG	PHARMACY PHARMACOLOGY	60 10



	CALCUTTA INSTITUTE OF PHARMACEUTICAL TECHNOLOGY & ALLIED HEALTH SCIENCES	BANITABLA, ULUBERIA, HOWRAH-711316 Tel: (033) 2661-2094/96/97 Fax: (033) 2661-3733 E-mail: cipt@rediffmail.com	PG PG	PHARMACEUTICS PHARMACEUTICAL BIOTECHNOLOGY	10 10
160	NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING & RESEARCH, KOLKATA	BLOCK-FC, SECTOR-I177 II, SALT LAKE Tel: (033) 2337-0937/0479/4125 Fax: (033) 2337-6331/6290 E-mail: director_nitttr_kol@yahoo.com	PG PG PG PG	MANUFACTURING TECHNOLOGY MECHATRONICS MULTIMEDIA AND SOFTWARE ENGINEERING STRUCTURAL ENGINEERING	28 28 28 09
161	PARAMEDICAL COLLEGE, DURGAPUR	HELLEN KELLER SARANI, BIDHANNAGAR, DGP- 713212 Tel: (0343) 2532154 E-mail: ipmtst@dataone.in	UG UG	B.OPTOM (BACHELOR OF OPTOMETRY) BBA (HOSPITAL MANAGEMENT)	30 40
163	BENGAL INSTITUTE OF TECHNOLOGY AND MANAGEMENT	SRINIKETAN BYPASS P.O.-DORANDA DIST-BIRBHUM WEST BENGAL PIN-731236. Tel: (03463) 271353/4 Telefax: (03463) 271371 E-mail: bitm@vsnl.net	UG UG UG UG UG UG UG PG PG PG PG PG PG	APPLIED ELECTRONICS AND INSTRUMENTATION CIVIL ENGINEERING COMPUTER SCIENCE AND ENGINEERING ELECTRICAL ENGINEERING ELECTRONICS AND COMMUNICATIONS ENGINEERING INFORMATION TECHNOLOGY MECHANICAL ENGINEERING COMPUTER SCIENCE AND ENGINEERING ELECTRONICS AND COMMUNICATIONS ENGINEERING ELECTRICAL ENGINEERING MASTERS IN BUSINESS ADMINISTRATION MASTERS IN COMPUTER APPLICATIONS	60 120 90 60 90 60 180 18 18 18 60 30

164	GEORGE COLLEGE OF MANAGEMENT AND SCIENCE	BUDGE BUDGE TRUNK ROAD CHALKMIR, MAHESHTALA, KOLKATA – 700 141 Tel: (033) 2401-2289 Telefax: (033) 24018687 E-mail: enquiry@georgecollege.org	UG	BBA	90
			UG	BCA	60
			UG	B.OPTOM (BACHELOR OF OPTOMETRY)	40
			UG	BBA (HOSPITAL MANAGEMENT )	60
			UG	BBA (INSURANCE & RISK MANAGEMENT)	60
			UG	BBA (SUPPLY CHAIN MANAGEMENT)	60
			UG	BTTM B. SC IN MEDIA SCIENCE	60
165	CALCUTTA INSTITUTE OF ENGINEERING AND MANAGEMENT	PRASANTA SUR CAMPUS, 24/1A CHANDI GHOSH ROAD, KOLKATA, SOUTH 24 PARGANAS, WEST BENGAL, 700040 Tel: (033) 2421-8998/5747 Telefax: (033) 2421-9951 E-mail: admin@ciemcal.org	UG	ELECTRICAL ENGINEERING	120
			UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	INFORMATION TECHNOLOGY	60
			UG	INSTRUMENTATION AND CONTROL ENGINEERING	60
			UG	COMPUTER SCIENCE & ENGINEERING	60
			UG	CIVIL ENGINEERING	60
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
167	MANAGEMENT INSTITUTE OF DURGAPUR	G T ROAD, RAJBANDH, DURGAPUR-713212 DIST.BURDWAN Tel: (0343) 2520712/713/880 Fax: (0343) 2520881 E-mail: mid@rahulfoundation.edu.in / midraj@sancharnet.in	PG	MASTERS IN BUSINESS ADMINISTRATION (FULL TIME)	120
			PG	MASTERS IN BUSINESS ADMINISTRATION (PART TIME)	60
			PG	MASTERS IN COMPUTER APPLICATIONS	60
168	SAROJ MOHAN INSTITUTE OF TECHNOLOGY	BADHAGACHI, GUPTIPARA HOOGHLY PIN-712512 Tel: (03213) 262499/856 Telefax: (03213) 262201 E-mail: office@smitguptipara.com	UG	MECHANICAL ENGINEERING	60
			UG	INFORMATION TECHNOLOGY	30
			UG	APPLIED ELECTRONICS AND INSTRUMENTATION	30
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	90
			UG	ELECTRICAL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	90
			UG	CIVIL ENGINEERING	60
			PG	MASTERS IN BUSINESS ADMINISTRATION	30
169	ACADEMY OF TECHNOLOGY	G.T. ROAD, ADISAPTAGRAM P.O: AEDCONAGAR DIST-HOOGHLY WEST BENGAL 712121	UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
			UG	COMPUTER SCIENCE AND ENGINEERING	120
			UG	ELECTRICAL ENGINEERING	120
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	120



		Tel: (033) 2684-0002/003 Telefax: (033) 2684-2888 E-mail: Baidyanathbiswas@yahoo.com	UG	INFORMATION TECHNOLOGY	60
			UG	MECHANICAL ENGINEERING	120
			PG	COMPUTER SCIENCE & ENGINEERING	18
			PG	ELECTRICAL ENGINEERING	18
			PG	MASTERS IN COMPUTER APPLICATIONS	60
170	IMPS COLLEGE OF ENGINEERING & TECHNOLOGY	VILL- NITYANANDAPUR P.O.- CHANDIPUR(KAZIGRAM) DIST-MALDA PIN-732103 WEST BENGAL Tel: (03512) 271555/251272 Telefax: (03512) 278115 E-mail: impsect@sancharnet.in	UG	CIVIL ENGINEERING	120
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	ELECTRICAL ENGINEERING	60
171	ARYABHATA INSTITUTE OF ENGINEERING & MANAGEMENT DURGAPUR	VILL.: PANAGARH GRAM; P.O.: PANAGARH BAZAR; DIS -BURDWAN; STATE : WEST BENGAL, 713148 Tel: (0343) 2526415/16 Telefax: (0343) 2526417 E-mail: aiem@sancharnet.in	UG	CIVIL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRICAL AND ELECTRONICS ENGINEERING	30
			UG	ELECTRICAL ENGINEERING	90
			UG	ELECTRONICS & COMMUNICATION ENGG	120
			UG	MECHANICAL ENGINEERING	60
			UG	INFORMATION TECHNOLOGY	30
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
173	KINGSTON SCHOOL OF MANAGEMENT AND SCIENCE	BERUNAN PUKURIA, P.O. MALLIKEPUR, BARASAT Tel: (033) 2538-9508, 2542-9800 Telefax: (033) 2538-9509 E-mail: kingston_educational_institute@yahoo.com	UG	BBA	60
			UG	BCA	60
			UG	BBA (HOSPITAL MANAGEMENT)	60
174	NETAJI SUBHAS CHANDRA BOSE INSTITUTE OF PHARMACY	TATLA, ROYPARA P.O. CHAKDAHA DIST. NADIA WEST BENGAL - 741222 Tel: (03473) 285448 Fax: (03473) 240198 E-mail: nscbp2004@yahoo.co.in	UG	PHARMACY	60
			PG	PHARMACEUTICAL CHEMISTRY	10
			PG	PHARMACEUTICS	18
			PG	PHARMACOLOGY	18
175	HALDIA INSTITUTE	P.O. HATIBERIA, PIN - 721 657	UG	BBA (HOSPITAL MANAGEMENT )	60
			UG	BMS (PHARMACEUTICAL	60

	OF MANAGEMENT	Tel: (03224) 255843 Telefax: (03224) 255275 E-mail: icare_haldia@rediffmail.com	PG  UG UG UG  PG	MANAGEMENT) MASTER OF MANAGEMENT STUDIES (PHARMACEUTICAL MANAGEMENT) BBA B.OPTOM (BACHELOR OF OPTOMETRY) B.SC IN GAMING & MOBILE APPLICATION DEVELOPMENT M.SC IN HUMAN COMPUTING & ARTIFICIAL INTELLIGENCE	36  60 30 60  18
176	HOOGLY ENGINEERING & TECHNOLOGY COLLEGE	VIVEKANANDA ROAD, PIPULPATI, P.S.: CHINSURAH, P.O. & DIST: HOOGLY, PIN: 712103, WEST BENGAL Tel: (033) 2681- 1392/0505 Telefax: (033) 2680- 3026 E-mail: mail@hetc.ac.in	UG UG  UG UG UG	MECHANICAL ENGINEERING ELECTRONICS & TELE- COMMUNICATION ENGINEERING ELECTRICAL ENGINEERING COMPUTER SCIENCE AND ENGINEERING CIVIL ENGINEERING	60 60  60 60 60
177	CALCUTTA INSTITUTE OF TECHNOLOGY	BANITABLA, ULUBERIA, HOWRAH-711316 Telefax: (033) 2661- 0499 E-mail: cit_ulb@yahoo.co.in	UG UG UG UG UG  UG PG PG PG	CHEMICAL ENGINEERING CIVIL ENGINEERING COMPUTER SCIENCE AND ENGINEERING ELECTRICAL ENGINEERING ELECTRONICS & COMMUNICATION ENGG MECHANICAL ENGINEERING CHEMICAL ENGINEERING MASTERS IN BUSINESS ADMINISTRATION MASTERS IN COMPUTER APPLICATIONS	60 60 60 60 60  60 18 60 60
178	INTERNATIONAL INSTITUTE OF MANAGEMENT SCIENCES	NH-6, BOMBAY ROAD, (OPP.: BISK PHARM), PALARA, PO- MAHISHREKHA, ULU BERIA, HOWRAH, PIN- 711303, WEST BENGAL Tel: (033) 2337-2592 Fax: (033) 2334-9183 E-mail: cal_iims@sify.com	PG	MASTERS IN BUSINESS ADMINISTRATION	60
179	HALDIA INST. OF MARITIME STUDIES & RESEARCH	MARINE CAMPUS, ICARE COMPLEX, HATIBERIA, HALDIA, WEST BENGAL – 721 657 Tel: (03224) 267501/502 Fax: (03224) 252800, 255275	UG	B.SC IN NAUTICAL SCIENCE	60



		E-mail: iimsar@sancharnet.in			
180	NIPS SCHOOL OF HOTEL MANAGEM ENT	297, MAHISBATHAN, SECTOR V, SALT LAKE CITY, KOLKATA – 700 102 Tel: (033) 2334-3079, 2367-5127/28 Fax: (033) 2367-5177 E-mail: nipsca@vsnl.com	UG	BHM	120
182	INSTITUTE OF SCIENCE AND TECHNOLO GY	DHURABILA, DHAMKURIA, CHANDRAKONA TOWN, PASCHIM MEDNIPUR, WEST BENGAL, 721201. Tel: (03225) 267288 Telefax: (03225) 266644 E-mail: pradip_dgp6@indiatimes .com	UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRICAL & ELECTRONICS ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	CIVIL ENGINEERING	120
			UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
			UG	INFORMATION TECHNOLOGY	60
			UG	MECHANICAL ENGINEERING	60
			PG	CIVIL ENGINEERING	18
			PG	COMPUTER SCIENCE AND ENGINEERING	18
			PG	ELECTRONICS & COMMUNICATION ENGG	18
			PG	MECHANICAL ENGINEERING DESIGN	18
			PG	ELECTRICAL MACHINES AND DRIVES	18
			PG	MASTERS IN COMPUTER APPLICATIONS	60
183	EASTERN INSTITUTE FOR INTEGRAT ED LEARNING IN MANAGEM ENT	6 WATERLOO STREET, 2 <sup>ND</sup> FLOOR, KOLKATA – 700 069 Tel: (033) 2210-0911 Fax: (033) 2210-0909 E-mail: eiilm@vsnl.com	UG	BBA	30
185	GURUNAN AK INSTITUTE OF HOTEL MANAGEM ENT	157/F NILGUNJ ROAD, KOLKATA, NORTH 24 PARGANAS, WEST BENGAL, 700114 Telefax: + 91 33 2523- 1246	UG	HOTEL MANAGEMENT & CATERING TECHNOLOGY	60
186	GURU NANAK INSTITUTE	157/F, NILGUNJ ROAD, KOLKATA - 700114	UG	PHARMACY	120
			PG	PHARMACEUTICAL CHEMISTRY	18
			PG	PHARMACOLOGY	18

	OF PHARMAC EUTICAL SCIENCE & TECHNOLO GY	Ph. 91 33 2523-1247 Email: info@gnipst.ac.in	PG	PHARMACEUTICS	18
187	TECHNO INDIA COLLEGE OF TECHNOLO GY	MEGA CITY, NEW TOWN, KOLKATA, WEST BENGAL, 700156 Tel: (033) 27062050 Telefax: (033) 27062060 E-mail: info@ticollege.org	UG UG UG UG UG UG UG PG PG	ELECTRICAL ENGINEERING ELECTRONICS AND COMMUNICATIONS ENGINEERING APPLIED ELECTRONICS AND INSTRUMENTATION CIVIL ENGINEERING COMPUTER SCIENCE AND ENGINEERING INFORMATION TECHNOLOGY MECHANICAL ENGINEERING ELECTRICAL ENGINEERING MASTERS IN COMPUTER APPLICATIONS MASTERS IN COMPUTER APPLICATIONS	120 90 60 120 90 60 120 18 60
188	TECHNO INDIA- HOOGHLY	DHARAMPUR, SHANTINIKETAN ON G T ROAD, CHINSURAH, HOOGHLY Tel: (033) 2680-6565 Telefax: (033) 2680- 2389 E-mail: info@ticollege- hooghly.org	PG PG	MASTERS IN COMPUTER APPLICATIONS MASTERS IN COMPUTER APPLICATIONS	60 60
189	DR. B. C. ROY COLLEGE OF PHARMAC Y AND ALLIED HEALTH SCIENCES	DR. MEGHNAD SAHA SARANI, BIDHANNAGAR, DURGAPUR, WEST BENGAL, PIN-713206 Tel: (0343) 2532678, 6521683 Telefax: (0343) 2532679 E-mail: bcrcp_dgp@yahoo.co.in	UG PG PG	PHARMACY PHARMACEUTICS PHARMAC\OLOGY	120 18 18
192	GLOBAL INSTITUTE OF SCIENCE & TECHNOLO GY	HALDIA, PURBA MEDINIPUR Tel: (03224) 263587 Telefax: (03224) 263091 E-mail: gist@icare- haldia.org	UG	BCA	60
193	BENGAL SCHOOL	SUGANDHA, DELHI ROAD NEAR	UG PG PG	PHARMACY PHARMACOLOGY PHARMACEUTICS	120 18 18



	OF TECHNOLOGY	CHINSURAH RLY. STATION, HOOGHLY, PIN-712102 Tel: (033) 2686-6064/2027 Fax: (033) 2686-2482 E-mail: bstpharmacy@rediffmail.com	PG	PHARMACEUTICAL ANALYSIS	18
194	INSTITUTE OF MANAGEMENT STUDY	93 MUKUNDAPUR MAIN ROAD, KOLKATA – 700 099 Tel: (033) 2426-4168 Fax: (033) 2466-4579 E-mail: imscal@vsnl.net	UG UG UG UG	BBA BCA BBA (HOSPITAL MANAGEMENT ) BTM	60 60 60 30
195	THE CALCUTTA ANGLO GUJARATI COLLEGE	29 POLLOCK STREET, KOLKATA – 700 001 Tel: (033) 2235-1585 Fax: (033) 2211-4247 E-mail: cagcollege@rediffmail.com	UG UG	BBA BCA	60 60
198	ADVANCED INFORMATION & MANAGEMENT STUDIES	Z.P. AVENUE, SAGARBHANGA, ZONAL CENTRE, DURGAPUR, DIST: BURDWAN, PIN – 713211, W.B. Ph. 0343-25591 26/27 E-mail: response@aimssyndicate.org	UG UG UG UG UG	BHM BTM BBA BCA BBA (HOSPITAL MANAGEMENT )	60 60 30 30 30
199	DOOARS ACADEMY OF TECHNOLOGY AND MANAGEMENT	NEW ALIPURDUAR STATION, ALIPURDUAR, JALPAIGURI – 736121 Tel: (03564) 257955	UG UG PG PG	BBA BCA M.SC IN COMPUTER SCIENCE M.SC IN APPLIED MATHEMATICS	60 60 30 30
200	GOLDEN REGENCY INSTITUTE OF HOSPITALITY MANAGEMENT	DEBHOG, CITY CENTRE, HALDIA – 721 657, MIDNAPORE (EAST) Tel: (03224) 252020/252688, 9831780919 Fax: (03224) 252622cera E-mail: golden_regency@yahoo.com	UG UG	BHM BBA	60 60

201	BCDA COLLEGE OF PHARMACY AND TECHNOLOGY	78 JESSORE ROAD(S), HRIDAYPUR, BARASAT 24 PGS(N), KOLKATA-700127 Tel: (033) 2584-2665 Fax: (033) 2584-2433 E-mail: principal_bcda@yahoo.co.in	UG	PHARMACEUTICAL TECHNOLOGY	60
202	KOTIBARSHA INSTITUTE OF TECHNOLOGY AND MANAGEMENT	KITM CAMPUS, VILL – PANJARIPARA, P.O. SUDARSHAN NAGAR, BUNIADPUR, DIST - DAKSHIN DINAJPUR, WEST BENGAL, PIN – 733 121 Tel: 9474440213 Telefax: (03524) 259055 E-mail: helpdesk@kitmdd.com	UG UG UG UG PG	BBA BCA BHM BBA (HOSPITAL MANAGEMENT ) M.SC IN INFORMATION SCIENCE	60 60 45 30 20
206	SEACOM ENGINEERING COLLEGE	JALADHULAGORI SANKRAIL PO: ANDUL MOURI HOWRAH-711302 Tel: (033) 2679-0481/82/83 Fax: (033) 2679-0480 E-mail: seacomengineering@rediffmail.com	UG UG UG UG UG UG UG UG PG PG	CIVIL ENGINEERING COMPUTER SCIENCE AND ENGINEERING ELECTRICAL ENGINEERING ELECTRONICS & COMMUNICATION ENGG INFORMATION TECHNOLOGY MARINE ENGINEERING MECHANICAL ENGINEERING MASTERS IN BUSINESS ADMINISTRATION MASTERS IN COMPUTER APPLICATIONS	60 60 60 90 60 60 90 60 60
208	BHARAT TECHNOLOGY	JADURBERIA, BANITABLA, ULUBERIA, PIN-711316 Tel: (033) 2709-4430 Fax: (033) 2661-0736 E-mail: anjali_hect@rediffmail.com	UG	PHARMACY	120
209	DREAM INSTITUTE OF TECHNOLOGY	P.O. NAHAZARI, P.S.: BISHNUPUR, 24 PARGANAS (SOUTH), KOLKATA 700104 Tel: (033) 3093-6088 Fax: (033) 2398-0244 E-mail: dream_institute_of_technology@hotmail.com	UG UG UG UG UG PG PG	CIVIL ENGINEERING COMPUTER SCIENCE AND ENGINEERING ELECTRICAL ENGINEERING ELECTRONICS & COMMUNICATION ENGG MECHANICAL ENGINEERING POWER ELECTRONICS AND DRIVES MICROELECTRONICS & VLSI DESIGN	60 60 120 120 60 18 18
210	INSTITUTE OF	30 THAKURHAT ROAD, BADU,	PG PG	M.SC IN GENETICS M.SC IN BIOTECHNOLOGY	20 30



	GENETIC ENGINEERING	KOLKATA – 700 128 Tel: (033) 2526-0052/53 Telefax: (033) 2526-0060 E-mail: igebadu04@yahoo.com.au	UG UG UG UG UG PG	B.SC. IN BIOTECHNOLOGY B.SC. IN MICROBIOLOGY B.SC. IN GENETICS B.SC. IN MOLECULAR BIOLOGY BCA M.SC IN MICROBIOLOGY	60 30 30 30 30 20
211	POST GRADUATE INSTITUTE OF HOSPITAL ADMINISTRATION	360 PANCHASAYAR, KOLKATA – 700 094 Tel: (033) 2462-0071/72/73/2394 Fax: (033) 2462-0766	UG	BBA (HOSPITAL MANAGEMENT )	30
212	TAMRALIP TA INSTITUTE OF MANAGEMENT & TECHNOLOGY	PADUMBASAN, WARD NO. 7, TAMLUK, PURBA MEDINIPUR – 721 636 Tel: (03228) 267937, 9232523324 E-mail: tamraliptait@yahoo.co.in	UG UG UG UG	BBA BCA B.SC. IN BIOTECHNOLOGY B.SC. IN MICROBIOLOGY	60 60 20 20
213	THE HERITAGE ACADEMY	CHOWBAGA ROAD), P.O. EAST KOLKATA TOWNSHIP, PIN - 700 107 Ph. +91 33 2443-0454/56/57, 2443-1256-58 Fax: +91 33 2443-1259/0455 Email-admin@theheritageacademy.in	UG UG UG PG	BBA BCA B.SC IN MEDIA SCIENCE M.SC IN MEDIA SCIENCE	60 120 60 30
214	SEACOM MANAGEMENT COLLEGE	JALADHULAGORI, SANKRAIL, HOWRAH – 711 302 Tel: (033) 6513-7392 Fax: (033) 2430-9308 E-mail: seacommanagement@rediffmail.com	UG UG UG UG	BBA BCA BTM BBA (HOSPITAL MANAGEMENT )	90 90 60 60
215	NIMAS	H.L. NO. 1045/1/A, BARRACKPORE BARASAT ROAD, KOL – 700 125 Tel: (033) 2564-8882 Email: sudip_b1@rediffmail.com	UG UG UG	BHM BBA BCA	90 60 60
216	ABS	J.P.AVENUE,	PG	MASTERS IN BUSINESS	60

	ACADEMY OF SCIENCE, TECHNOLOGY & MANAGEMENT	SAGARBHANGA, DURGAPUR: 713211 DISTRICT : BURDWAN WEST BENGAL Tel: (0343) 2550697/98 Fax: (0343) 2550699 E-mail: info@absacademy.com		ADMINISTRATION	
220	PRAJNANA NANDA INSTITUTE OF TECHNOLOGY & MANAGEMENT	94/2 PARK STREET, KOLKATA – 700 017 Tel: (033) 3250-6829 Fax: (033) 2265-9355	UG UG	BBA BCA	30 60
226	TECHNO INDIA – KOLKATA	EM-4, SALT LAKE CITY, KOLKATA – 700 091	UG UG UG	BBA BCA BBA (HOSPITAL MANAGEMENT )	120 120 60
229	DURGAPUR INSTITUTE OF SCIENCE, TECHNOLOGY AND MANAGEMENT	NEHRU AVENUE, DURGAPUR – 14 Tel: (0343) 2601868, 3290943	UG UG UG UG	BBA BCA BTM BHM	60 30 30 30
230	CAMELLIA INSTITUTE OF TECHNOLOGY	DIGBERIA, BADU ROAD, MADHYAMGRAM, KOLKATA-700129 Tel: (033) 6455-1660/1145/1146 Fax: (033) 2237-7540 E-mail: camelliagroup.vsnl.net	UG	MECHANICAL ENGINEERING	120
			UG	INFORMATION TECHNOLOGY	60
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
			UG	CIVIL ENGINEERING	60
			PG	MASTERS IN COMPUTER APPLICATIONS	60
234	NSHM COLLEGE OF MANAGEMENT & TECHNOLOGY, KOLKATA	124 (60) B. L. SAHA ROAD, KOLKATA – 700 053 Tel: (033) 2403-2301 Fax: (033) 2474-5146 E-mail: info@nshmc.com	UG UG UG UG UG UG UG UG UG	BBA BBA (SUPPLY CHAIN MANAGEMENT) BCA BBA (HOSPITAL MANAGEMENT ) B.OPTOM (BACHELOR OF OPTOMETRY) BHM B.SC IN MEDIA SCIENCE B.SC IN FASHION DESIGN & MANAGEMENT B.SC IN MULTIMEDIA, ANIMATION &	120 60 90 60 60 60 120 60 60



			PG	GRAPHICS	60
			PG	M.SC IN MEDIA SCIENCE	30
			PG	M.SC IN COMPUTER SCIENCE	30
				M.SC IN APPLIED MATHEMATICS	
235	SEACOM MARINE COLLEGE	JALADHULAGORI, VIA ANDUL (MOURI) SANKRAIL, HOWRAH – 711 302 Tel: (033) 2679-0482/83 Telefax: (033) 2679-1929 E-mail: <a href="mailto:seacommaritime@gmail.com">seacommaritime@gmail.com</a>	UG	B.SC IN NAUTICAL SCIENCE	60
236	GREATER KOLKATA COLLEGE OF ENGINEERING & MANAGEMENT	DUDHNAI, RAMNAGAR-II, P.S BARUIPUR, 24 PARGANAS (SOUTH) WEST BENGAL, 743387 Telefax: (033) 2430-5897 Email: <a href="mailto:gkcem.kolkata@yahoo.com">gkcem.kolkata@yahoo.com</a>	UG	COMPUTER SCIENCE & ENGINEERING	90
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	90
			UG	CIVIL ENGINEERING	60
			UG	MECHANICAL ENGINEERING	60
238	CAMELLIA SCHOOL OF ENGINEERING & TECHNOLOGY	NADIBHAG, PO: KAZIPARA, BARASAT, NORTH 24 PARGANAS, KOLKATA - 700124. Tel: (033) 2584-4536 E-mail: <a href="mailto:info@camelliagroup.in">info@camelliagroup.in</a>	UG	COMPUTER SCIENCE AND ENGINEERING	45
			UG	ELECTRONICS & COMMUNICATION ENGG	45
			UG	ELECTRICAL AND ELECTRONICS ENGINEERING	45
			UG	CIVIL ENGINEERING	90
			UG	INFORMATION TECHNOLOGY	45
			UG	MECHANICAL ENGINEERING	90
			UG	ELECTRICAL ENGINEERING	90
			PG	CIVIL ENGINEERING	13
240	ABACUS INSTITUTE OF ENGINEERING AND MANAGEMENT	VILL-NUTANGRAM; P.O-MOGRA; DIST-HOOGHLY, WEST BENGAL, 712148 Tel: (03213) 202076/89 E-mail: <a href="mailto:info@abacusinstitute.com">info@abacusinstitute.com</a>	UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	COMPUTER SCIENCE	60
			UG	CIVIL ENGINEERING	60
			UG	MECHANICAL ENGINEERING	60
241	SWAMI VIVEKANANDA INSTITUTE OF SCIENCE &	DAKSHIN GOBINDAPUR, P.S-SONARPUR, KOLKATA-700145 Ph. 033-2437-9913 Telefax: 033-2437-0013	UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	MECHANICAL ENGINEERING	120
			UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG (INDUSTRY	90
			UG	CIVIL ENGINEERING	60

	TECHNOLOGY	Email: <a href="mailto:info@svist.org">info@svist.org</a>	PG	MASTERS IN BUSINESS ADMINISTRATION	60
242	BENGAL COLLEGE OF PHARMACEUTICAL SCIENCES & RESEARCH	BIBLABI RASHBEHARI BASU SARANI, BIDHANNAGAR, DURGAPUR PIN- 713 212 DIST: BURDWAN, WEST BENGAL Tel: (0343) 2532606, 2533189 , 8170021123 Fax: (0343) 2533186 E-mail: <a href="mailto:skset_pharm@rediffmail.com">skset_pharm@rediffmail.com</a>	UG	PHARMACY	100
			PG	PHARMACEUTICS	18
243	WEST BENGAL STATE COUNCIL FOR SCIENCE & TECHNOLOGY	BIKASH BHAVAN, (4 <sup>th</sup> floor), SALT LAKE, KOLKATA –7000 91	PG	POST GRADUATE DIPLOMA IN GEOINFORMATICS	12
244	TECHNO INDIA – BANIPUR	BANIPUR COLLEGE ROAD, BANIPUR, HABRA 24 PARGANAS (NORTH) WEST BENGAL-743233 Tel: (03216) 238138 E-mail: <a href="mailto:admin@iiitkolkata.com">admin@iiitkolkata.com</a>	UG	ELECTRONICS & COMMUNICATION ENGG	120
			UG	INFORMATION TECHNOLOGY	60
			UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	APPLIED ELECTRONICS AND INSTRUMENTATION	60
			UG	MECHANICAL ENGINEERING	60
246	RINPOCHE ACADEMY OF MANAGEMENT AND TECHNOLOGY	CHIRIAMORE, DASPARA, KOIKHALI, 24 PGS (N), KOLKATA – 52 Telefax: (033) 2321-4291 E-mail: <a href="mailto:rh.rohit@gmail.com">rh.rohit@gmail.com</a>	UG	BBA	40
			UG	BCA	40
250	SWAMI VIVEKANANDA INSTITUTE OF MANAGEMENT & COMPUTER SCIENCE	KARBALA, SONARPUR STATION ROAD, P.O: NARENDRAPUR, KOLKATA-700103 Tel: (033) 2428-3035 E-mail: <a href="mailto:info@svist.org">info@svist.org</a>	PG	MASTERS IN BUSINESS ADMINISTRATION	60



252	KANAD INSTITUTE OF ENGINEERING & MANAGEMENT	VILLAGE+P.O.- MANKAR, DIST- BURDWAN, MANKAR, BARDHAMAN, WEST BENGAL 713144 Tel: (0343) 2517137/38 E-mail: kanadinstituteofengg@gmail.com	UG	CIVIL ENGINEERING	42
			UG	COMPUTER SCIENCE & ENGINEERING	42
			UG	ELECTRICAL ENGINEERING	42
			UG	MECHANICAL ENGINEERING	84
253	SUPREME KNOWLEDGE FOUNDATION GROUP OF INSTITUTIONS	1, KHAN ROAD, MANKUNDU STATION ROAD, P.O. MANKUNDU, DIST. HOOGHLY, WEST BENGAL, PIN-712139 Telefax: (033) 2683-1146 E-mail: skf.mankundu@gmail.com	UG	CIVIL ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	120
			UG	MECHANICAL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	120
			PG	ELECTRONICS AND COMMUNICATION ENGG	18
			PG	ELECTRICAL ENGINEERING	18
			PG	COMPUTER SCIENCE AND ENGINEERING	18
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
254	TECHNO INDIA DURGAPUR	BEHIND B.D.O OFFICE, P.O.- PANAGARH BAZAR DIST.-BURDWAN, PIN-713148 (W.B.) DURGAPUR Tel: (0343) 2524038/039/041 Fax: (0343) 2524400 E-mail: paramhans_2008@rediffmail.com	UG	CIVIL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	INFORMATION TECHNOLOGY	60
			UG	MECHANICAL ENGINEERING	60
255	DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE	MOUZA - KALIDAHA, P.S.- DUM DUM, KOLKATA - 700074 Tel: (033) 2560-0898 Telefax: (033) 2560-0149 E-mail: info@dsec.ac.in	UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	120
			UG	AUTOMOBILE ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	MECHANICAL ENGINEERING	120
			UG	CIVIL ENGINEERING	60
			PG	MECHANICAL ENGINEERING	18
			PG	COMMUNICATION ENGINEERING	18
257	CAMELLIA INSTITUTE OF TECHNOLOGY & MANAGEMENT	HALDER DIGHI, G.T. ROAD, BAINCHI, DIST.- HOOGHLY, WEST BENGAL – 712134 Ph. (03213) 271339 / 9007030180	UG	CIVIL ENGINEERING	120
			UG	MECHANICAL ENGINEERING	120
			UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	COMPUTER SCIENCE & ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60

258	TECHNO INDIA-BALURGHAT	MANGALPUR, NEAR DISTRICT JAIL, PO: BELTALA PARK, P.S-BALURGHAT, DIST. SOUTH DINAJPUR, WEST BENGAL, 733103 Tel: (0352) 2271101 E-mail: enquiry@technoindiagro up.com	UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	60
			UG	INFORMATION TECHNOLOGY	60
			UG	ELECTRICAL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	CIVIL ENGINEERING	60
259	GLOBAL INSTITUTE OF MANAGEMENT AND TECHNOLOGY	PALPARA MORE, NH-34, BHATJANGLA, KRISHNAGAR, NADIA, WEST BENGAL, 741101 Tel: (03472) 271211 Fax: (03472) 271311 E-mail: admin@gimt-india.com	UG	MECHANICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	ELECTRICAL ENGINEERING	60
			UG	COMPUTER SCIENCE & ENGINEERING	60
			UG	CIVIL ENGINEERING	120
260	BENGAL COLLEGE OF ENGINEERING	SHILPO KANAN ROAD, BIDHANNAGAR, DURGAPUR - 713212. Tel: 0343-6512190, 2532606 Fax: 0343-2533186, 2533242 E-mail: skset_dgp@rediffmail.com	UG	COMPUTER SCIENCE AND ENGINEERING	90
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	90
261	SURENDRA INSTITUTE OF ENGINEERING & MANAGEMENT	DHUKURIA, P.O.-NEW CHAMTA, P.S.-MATIGARA, SILIGURI, DARJEELING, WEST BENGAL, 734009 Tel: (0343) 6467517 E-mail: siemslg@gmail.com	UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	MECHANICAL ENGINEERING	60
			UG	COMPUTER SCIENCE & ENGINEERING	60
			UG	CIVIL ENGINEERING	60
263	REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS	BARA KANTHALIA, P.O: SEWLI TELINI PARA, P.S: TITAGARH NORTH 24 PARGANAS, KOLKATA 700121 Tel: (033) 2535-3051 Telefax: (033) 2535-3052 E-mail: info@rerf.co.in	UG	CIVIL ENGINEERING	120
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	60
			UG	MECHANICAL ENGINEERING	60
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
			PG	MASTERS IN COMPUTER APPLICATIONS	60



264	SWAMI VIVEKANA NDA INSTITUTE OF MODERN SCIENCE	SONARPUR STATION ROAD, KARBALA, KOLKATA – 700 103 Telefax: 033 2428-3035 Email: info@svist.org	UG	BBA	90
			UG	BCA	120
			UG	B.SC. IN MICROBIOLOGY	30
			UG	B.SC. IN BIOTECHNOLOGY	45
			UG	BTTM	25
			PG	M.SC IN MEDIA SCIENCE	25
			PG	M.SC IN COMPUTER SCIENCE	25
265	DOLPHIN SCHOOL OF HOTEL MANAGEMENT	BALINDI, NO. - 7 MOUJA HARINGHATA, NEAR KALYANI MORE, PIN – 741 246 Ph. 03473-279195/196, 9331881914 E-mail: dolphin_kalyani@yahoo.co.in	PG	M.SC IN APPLIED MATHEMATICS	25
			PG	M.SC IN BIOTECHNOLOGY	25
			UG	BHM	60
266	BENGAL SCHOOL OF TECHNOLOGY & MANAGEMENT	SUGANDHA, DELHI ROAD, HOOGHLY – 712 102 Ph. 033 2686-4913/2027/6064 Telefax: 033 2686-4281 E-mail: management.bst@gmail.com	UG	BCA	60
			UG	BHM	60
			UG	BBA	60
269	MODERN INSTITUTE OF ENGINEERING & TECHNOLOGY	BAROL, MALIMPUR, RAJHAT, BANDEL-HOOGHLY, PIN-712123 Tel: (033) 2631-0402 E-mail: director@miethooghly.in	UG	MECHANICAL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	ELECTRICAL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	CIVIL ENGINEERING	60
270	BRAINWARE GROUP OF INSTITUTIONS – SABITA DEVI EDUCATION TRUST	398 RAMKRISHNAPUR ROAD P.S. BARASAT, KOLKATA NORTH 24 PARGANAS WEST BENGAL, 700124 Tel: 09836937446 E-mail: info@brainwaretechnologies.org	UG	CIVIL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	MECHANICAL ENGINEERING	60
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	60
			PG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	18
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
271	CAMELLIA INSTITUTE OF ENGINEERING	BUD BUD BY – PASS (NORTH), PANAGARH,	UG	COMPUTER SCIENCE & ENGINEERING	30
			UG	CIVIL ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	30
			UG	ELECTRONICS & COMMUNICATION ENGG	30

	NG AND TECHNOLOGY	BARDHAMAN, WEST BENGAL, 713403 Tel: 9007030116/0117/0177 E-mail: info@camelliagroup.in	UG	MECHANICAL ENGINEERING	60
273	NSHM KNOWLEDGE CAMPUS, DURGAPUR – GROUP OF INSTITUTIONS	ARRAH, DURGAPUR, BARDHAMAN, WEST BENGAL, 713212 Tel: (0343) 2533813/814/815, 2561045 Email: info@nshm.com	UG	ELECTRICAL AND ELECTRONICS ENGINEERING	30
			UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	MECHANICAL ENGINEERING	60
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	CIVIL ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	HOTEL MANAGEMENT AND CATERING TECHNOLOGY	120
			PG	ELECTRONICS & COMMUNICATION ENGG	18
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
275	OMDAYAL GROUP OF INSTITUTIONS	PLOT NO: 38(P), 38A, 39A, 39(P), ULUBERIA INDUSTRIAL GROWTH CENTRE, ULUBERIA, HOWRAH, WEST BENGAL, 711316 Tel: 9831722266 E-mail: contact@oders.in	UG	CIVIL ENGINEERING	30
			UG	COMPUTER SCIENCE & ENGINEERING	60
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	30
			UG	MECHANICAL ENGINEERING	30
			UG	ARCHITECTURE	40
			UG	B.ARCH (GENERAL)	40
276	BUDGE BUDGE INSTITUTE OF TECHNOLOGY	NISCHINTAPUR BUDGE BUDGE, KOLKATA, SOUTH 24 PARGANAS, WEST BENGAL 700137 Tel: (033) 2482-0676/0670 Telefax: (033) 2482-0641 E-mail: contact@bbit.edu.in	UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	60
			UG	MECHANICAL ENGINEERING	120
			UG	CIVIL ENGINEERING	120
			UG	COMPUTER SCIENCE AND ENGINEERING	60
			PG	MASTERS IN BUSINESS ADMINISTRATION	60
277	NSHM KNOWLEDGE CAMPUS, KOLKATA – GROUP OF INSTITUTIONS	124(60) B.L. SAHA ROAD, KOLKATA, SOUTH 24 PARGANAS, WEST BENGAL, 700053. Tel: (033) 2403-2301 Fax: (033) 2474-5146 E-mail: info@nshm.com	UG	PHARMACY	120
			PG	PHARMACEUTICS	24
			PG	PHARMACOLOGY	24
			PG	MASTERS IN BUSINESS ADMINISTRATION	120
			PG	MASTERS IN BUSINESS ADMINISTRATION (PART TIME)	60
278			UG	ARCHITECTURE	20



	SANAKA EDUCATIONAL TRUST'S GROUP OF INSTITUTIONS	INSTITUTE OF ENGINEERING & INDUSTRIAL TECHNOLOGY P.O.-MALANDIGHI, DURGAPUR DIST. - BURDWAN, WEST BENGAL, 713212 Tel: 09434006128	UG	MECHANICAL ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60
			UG	COMPUTER SCIENCE & ENGINEERING	60
			UG	CIVIL ENGINEERING	60
			UG	ELECTRONICS & COMMUNICATION ENGG	60
279	IDEAL INSTITUTE OF ENGINEERING	KALYANI SHILPANCHAL, P.O. +P.S.-KALYANI, DISTRICT-NADIA, WEST BENGAL, PIN CODE- 741235 Tel: (033) 2502-5628/29 Fax: (033) 2502-5630 E-mail: info@idealinstituteofengineering.com	UG	COMPUTER SCIENCE & ENGINEERING	60
			UG	CIVIL ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	60
			UG	MECHANICAL ENGINEERING	60
281	GARGI MEMORIAL INSTITUTE OF TECHNOLOGY CAMPUS	BALARAMPUR(MOUZ A-BERELIA) P.S-BARUIPUR KOLKATA 700144 Tel: (033) 6535-0032 E-mail: info@gmitkolkata.org	UG	MECHANICAL ENGINEERING	48
			UG	ELECTRONICS & COMMUNICATION ENGG	48
			UG	ELECTRICAL ENGINEERING	48
			UG	COMPUTER SCIENCE AND ENGINEERING	48
			UG	CIVIL ENGINEERING	48
286	ST. MARY'S TECHNICAL CAMPUS KOLKATA	SAIBANA VILLAGE, OPP: WEST BENGAL STATE UNIVERSITY, ICHAPUR NILGUNGE GRAM PANCHAYAT, BARASAT, NORTH 24 PARGANAS DISTRICT, KOLKATA – 700 126 Ph. 09948399402/90072660 31 Fax: 040-66809093	UG	ELECTRONICS & COMMUNICATION ENGG	60
			UG	MECHANICAL ENGINEERING	180
			UG	ELECTRICAL AND ELECTRONICS ENGINEERING	60
			UG	COMPUTER SCIENCE & ENGINEERING	120
			UG	CIVIL ENGINEERING	120
			PG	MASTERS IN BUSINESS ADMINISTRATION	120
287	ROCKVALE MANAGEMENT COLLEGE	9 <sup>TH</sup> MILE, RESHI ROAD, KALIMPONG, DARJEELING Tel: +91-3552 259959 E-mail: principal@rockvaleacademy.com	UG	BBA	60
			UG	BCA	60
			UG	BTTM	30
289	ILEAD (INSTITUTE	113J, MATHESWARTOLA	UG	BBA	120
			UG	B.SC. IN MEDIA SCIENCE	120

	OF LEADERSHIP ENTREPRENEURSHIP & DEVELOPMENT)	ROAD (NEAR PARK REGENCY HOTEL), KOLKATA 700046 Ph. +91-033 4018-2000 / 9830015201	PG	M.SC IN MEDIA SCIENCE	60
290	INSTITUTE OF HOTEL AND RESTAURANT MANAGEMENT	SONARGAON PARK, P.O.- RAMKRISHNAPALLY, TEGHARIA, SONARPUR, KOLKATA – 700150 Telefax: 033 2434-7138/2434-6885/ 9331007995 E-mail: director@ihrmedu.org	UG UG UG	BBA BHM BCA	60 60 60
291	NETAJI SUBHASH ENGINEERING COLLEGE	TECHNO CITY, GARIA, KOLKATA-152	PG	MASTERS IN COMPUTER APPLICATIONS	45
292	NETAJI SUBHASH ENGINEERING COLLEGE	PANCHPOTHA POLICE PARA, GARIA, KOLKATA – 700084	UG UG	BCA BBA	120 120
294	FUTURE INSTITUTE OF ENGG. AND MANAGEMENT	SONARPUR STATION RD. , R.K. PALLY, KOLKATA – 150	UG UG UG UG PG	BCA BBA B.SC IN MEDIA SCIENCE BBA (HOSPITAL MANAGEMENT ) M.SC IN MEDIA SCIENCE	60 60 60 60 60
295	PAILAN COLLEGE OF MANAGEMENT & TECHNOLOGY (MCA DIVISION)	BENGAL PAILAN PARK, PHASE-I, AMGACHIA ROAD, JOKA(OFF DIAMOND HARBOUR ROAD), KOLKATA-70014 Tel: (033) 24978006/007, 2453-5605 Fax: (033) 2453-5604 E-mail: pcmt@pcmt-india.net	PG	MASTERS IN COMPUTER APPLICATIONS	30
296	PAILAN COLLEGE OF	BENGAL PAILAN PARK, PHASE-I, AMGACHIA ROAD,	PG	MASTERS IN BUSINESS ADMINISTRATION	30



	MANAGEMENT & TECHNOLOGY (MBA DIVISION)	JOKA (OFF DIAMOND HARBOUR ROAD), KOLKATA-700104 Tel: (033) 24978006/007, 2453-5605 Fax: (033) 2453-5604 E-mail: pcmt@pcmt-india.net			
297	PAILAN COLLEGE OF MANAGEMENT & TECHNOLOGY	PAILAN PARK, HOUSING PROJECT, PHASE – I, PAILAN Tel: (033) 24978006/007, 2453-5605 Fax: (033) 2453-5604 E-mail: pcmt@pcmt-india.net	UG UG UG UG UG UG	BBA BCA B.OPTOM (BACHELOR OF OPTOMETRY) BBA (HOSPITAL MANAGEMENT ) BHM B.SC IN MEDIA SCIENCE BTM	75 75 20 90 45 45 20
298	INSTITUTE OF BUSINESS MANAGEMENT & RESEARCH	6/1 SWINHOE STREET KOLKATA – 19 Ph. 033 - 2441-4822/23 Fax: 91-33-2441-4824 E-mail: ibmr@vsnl.com	UG UG	BBA BCA	50 40
299	CALCUTTA INSTITUTE OF ENGG. AND MANAGEMENT	24/1 CHANDI GHOSH ROAD, KOLKATA – 700 040	UG UG	BBA BCA	40 40
300	INSTITUTE OF ENGINEERING & MANAGEMENT	SECTOR V, SALT LAKE KOLKATA – 700 091 Ph. 033 2357-2969/2059/2995/8189 Fax: 91-33 2357-8302 E-mail: director@iemcal.com	UG UG PG	BCA BBA M.SC IN INFORMATION SCIENCE	120 120 20
301	B. P. PODDAR INSTITUTE OF MANAGEMENT & TECHNOLOGY	EN 31, SALT LAKE, KOLKATA – 91 Ph. 2357-2508/09 Fax: 033-2357-2510 E-mail: bppimt@cal3.vsnl.net.in	UG UG	BCA BBA	90 120
302	BENGAL INSTITUTE OF TECHNOLOGY (MCA)	BAMUNGHATA, ON BASANTI HIGHWAY, KOLKATA-700150	PG	MASTERS IN COMPUTER APPLICATIONS	60
303	COMPUTER	994, MADURDAHA,	PG	MASTERS IN COMPUTER APPLICATIONS	60

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	APPLICATION CENTRE, HERITAGE INSTITUTE OF TECHNOLOGY	CHOWBAGA ROAD, ANANDAPUR P.O.- EAST KOLKATA TOWNSHIP, KOLKATA, SOUTH 24 PARGANAS, WEST BENGAL, 700107			
304	HERITAGE BUSINESS SCHOOL	994, MADURDAHA, CHOWBAGA ROAD, ANANDAPUR, P.O: EAST KOLKATA TOWNSHIP	PG	MASTERS IN BUSINESS ADMINISTRATION	180
305	NARULA INSTITUTE OF TECHNOLOGY	81, NILGUNJ ROAD, AGARPARA, KOLKATA-700109	PG	MASTERS IN BUSINESS ADMINISTRATION	60
306	NARULA INSTITUTE OF TECHNOLOGY	81, NILGUNJ ROAD, AGARPARA, PIN – 743 177	UG UG	BBA BCA	90 120
307	TECHNO INDIA (STAND ALONE MCA)	EM-4/1, SECTOR-V, SALT LAKE, KOLKATA-700091	PG	MASTERS IN COMPUTER APPLICATIONS	60
308	TECHNO INDIA (MBA)	EM-4/1, SECTOR-V, SALT LAKE, KOLKATA-700091	PG	MASTERS IN BUSINESS ADMINISTRATION	60
309	TECHNO INDIA	EM-4/1, SECTOR-V, SALT LAKE, KOLKATA – 700091	UG UG UG UG UG UG UG UG UG UG PG	BBA BCA B.OPTOM (BACHELOR OF OPTOMETRY) BBA (HOSPITAL MANAGEMENT ) B.SC IN MEDIA SCIENCE BBA (INSURANCE & RISK MANAGEMENT) BHM BTM BBA ( SUPPLY CHAIN MANAGEMENT) M.SC IN INFORMATION SCIENCE	120 120 20 60 120 60 60 60 30 60
310	MEGHNAD SAHA INSTITUTE OF TECHNOLOGY	MADURDAHA, UCHHAPOTA, KOLKATA – 700 150	UG UG	BBA BCA	120 120
311	GURUNAN	157/F NILGANJ RD.,	UG	BBA (HOSPITAL MANAGEMENT )	60



	INSTITUTE OF TECHNOLOGY	743176			
312	GURUNANAK INSTITUTE OF HOTEL MANAGEMENT	157/ NILGUNJ ROAD, PANIHATI, W.B. Tel: (033) 2523-1246 Fax: (033) 2289-3945 E-mail: samapika@jisgroup.org	UG	BHM	120
313	GURUNANAK INSTITUTE OF PHARMACEUTICAL SCIENCE & TECHNOLOGY	157/F NILGUNJ ROAD, PANIHATI, KOLKATA – 700114 Tel: (033) 2523-1247 Fax: (033) 2528-9000 E-mail: info@gnipst.ac.in	UG UG UG UG PG PG PG	BBA (HOSPITAL MANAGEMENT ) B.SC. IN BIOTECHNOLOGY B.SC. IN MICROBIOLOGY B.SC IN GENETICS M.SC IN BIOTECHNOLOGY M.SC IN GENETICS M.SC IN MICROBIOLOGY	30 40 40 30 30 30 30
314	TECHNO INDIA COLLEGE OF TECHNOLOGY	MEGHA CITY, NEW TOWN, KOLKATA Tel: (033) 27062050 Telefax: (033) 27062060 E-mail: info@ticollege.org	UG UG	BBA BCA	60 60
316	JIS COLLEGE OF ENGINEERING	BLOCK-A, PHASE III, KALYANI, NADIA, WEST BENGAL, 741235	PG	MASTERS IN COMPUTER APPLICATIONS	60
317	JIS COLLEGE OF ENGINEERING	BLOCK-A, PHASE III, KALYANI, NADIA, WEST BENGAL, 741235	PG	MASTERS IN BUSINESS ADMINISTRATION	60
318	JIS COLLEGE OF ENGG.	BLOCK A, PHASE III, KALYANI, NADIA, PIN – 741 233	UG UG	BBA BCA	120 100
320	SAROJ MOHAN INSTITUTE OF TECHNOLOGY	GUPTIPARA, HOOGHLY, PIN – 712 512	UG UG UG	BBA BCA BBA (HOSPITAL MANAGEMENT )	30 30 30
321	INSTITUTE OF SCIENCE & TECHNOLOGY	DHURABILA, DHAMKURA, PASCHIM MEDINIPUR – 721 201	UG UG UG	BBA BCA BBA (HOSPITAL MANAGEMENT )	30 30 30
322	ASANSOL	KANYAPUR,	UG	BCA	60

	ENGINEERING COLLEGE	ASANSOL, BURDWAN, PIN – 713304	UG UG	BBA BBA ( INSURANCE & RISK MANAGEMENT)	60 60
323	DR. B. C. ROY ENGINEERING COLLEGE	ACADEMY OF PROFESSIONAL COURSES, JEMUA ROAD, FULJHORE, DURGAPUR, PIN – 713 206	UG UG UG PG PG	BBA BCA BBA (HOSPITAL MANAGEMENT ) M.SC IN INFORMATION SCIENCE M.SC IN APPLIED MATHEMATICS	120 120 60 30 30
324	BENGAL COLLEGE OF ENGG. & TECHNOLOGY	BIDHAN NAGAR, DURGAPUR – 713 212	UG UG UG	BBA BCA BBA (HOSPITAL MANAGEMENT )	90 90 30
326	MANAGEMENT INSTITUTE OF DURGAPUR	RAJBANDH, NEAR IOC, BURDWAN – 713 212	UG UG	BBA BCA	100 100
327	ARYABHATA INSTITUTE OF ENGG. & MANAGEMENT	PANAGARH, P.O. PANAGARH BAZAR, BURDWAN – 713148	UG UG UG	BBA BCA BHM	60 60 30
328	ABS ACADEMY OF SCIENCE, TECHNOLOGY AND MANAGEMENT	J. P. AVENUE, SAGARBHANGA, DURGAPUR – 713 211 Tel: (0343) 2550697/98 Fax: (0343) 2550699 E-mail: info@absacademy.com	UG UG UG	BBA BCA BHM	60 60 60
329	BENGAL INSTITUTE OF TECHNOLOGY & MANAGEMENT	SRINIKETAN BYPASS, DORANDA, BIRBHUM – 731236	UG UG UG	BBA BCA BHM	60 60 60
330	MURSHIDABAD COLLEGE OF ENGG. AND TECHNOLOGY	BANJETIA, MURSHIDABAD – 742 102 Ph. 03482-275603/275233 Telefax: 03482-275603	UG UG	BBA BCA	60 60



	GY				
331	DUMKAL INSTITUTE OF ENGG. & TECHNOLOGY	P.O. BASANTAPUR, MURSHIDABAD – 742 406	UG UG	BBA BCA	60 60
332	TECHNO INDIA – BATANAGAR	PUTKHALI, WARD NO.-30, HOLDING NO.-B7-360/NEW, MAHESHTALA, SOUTH 24 PARGANAS, WEST BENGAL, 700141 Tel+Fax: (033) 2490-0002/2490-0011 E-mail: biems@batanagarinstitute.com	UG UG UG UG UG	MECHANICAL ENGINEERING ELECTRICAL ENGINEERING CIVIL ENGINEERING COMPUTER SCIENCE AND ENGINEERING ELECTRONICS AND COMMUNICATIONS ENGINEERING	60 60 60 60 60
333	IMS BUSINESS SCHOOL	VILL-MAKRAMPUR, GHUTIARY SHARIF STATION ROAD, P.O.KUSTIA, P.S.SONARPUR, PIN-700150 Ph.033 2426-4168/9831637683 Fax: 91-33-2426-4832 E-mail: tapashsaha@hotmail.com	PG	MASTERS IN BUSINESS ADMINISTRATION (GENERAL MANAGEMENT)	60
334	SILIGURI INSTITUTE OF TECHNOLOGY	HILL CART ROAD, P.O. - SUKHNA, DIST. - DARJEELING	UG UG UG	BCA BBA BHM	120 120 30
335	SILIGURI INSTITUTE OF TECHNOLOGY (HMCT)	HILL CART ROAD, SUKNA SILIGURI, DARJEELING, WEST BENGAL, 734009	UG	HOTEL MANAGEMENT AND CATERING TECHNOLOGY	45
336	SILIGURI INSTITUTE OF TECHNOLOGY (MCA)	HILL CART ROAD, SALBARI, SILIGURI, DARJEELING, WEST BENGAL, 734009	PG	MASTERS IN COMPUTER APPLICATIONS	60
337	GLOBAL GROUP OF INSTITUTIONS	AT+P.O.-SRIKRISHNAPUR, P.S-SUTAHATA, HALDIA, DISTRICT - PURBA	UG UG UG	BBA BCA BHM	40 40 90

		MEDINIPUR, PIN - 721635 Ph.03224-273441/9233303993/ 9434230392 E-mail: ggi@institutions.org			
338	IIAS SCHOOL OF MANAGEM ENT - SILIGURI	IIAS SCHOOL OF MANAGEMENT, NEAR PINTAIL VILLAGE, DAGAPUR, P.O. PRADHANNAGAR, SILIGURI, (W.B), PIN – 734003 Ph. 0353-2516335 / 9674744820 Fax: 0353-2516335 E-mail: slg_iiassil@bsnl.in	UG UG	BBA BHM	40 60
339	BHARATIY A VIDYA BHAVAN INSTITUTE OF MANAGEM ENT SCIENCE	BLOCK FA: SECTOR - III, SALT LAKE CITY, KOLKATA - 700 097. Ph. 2335-8754/1283/1284/0152 Fax: 2335-8754 E-mail: admin@bimskol.org	UG	BBA	60
340	CONTAI COLLEGE OF LEARNING & MANAGEM ENT SCIENCE	PADMAPUKHURIA (KUMARPARA), P.O. & P.S.-CONTAI, DIST.-PURBA MEDINIPUR, PIN-721401 (W.B.) Ph.03220-288070/9733593525	UG UG	BCA BHM	60 30
341	SBIHM SCHOOL OF MANAGEM ENT	JAGANNATHPUR ROAD, NEAR BARASAT STATE UNIVERSITY P.O. MALIKAPUR P.S. BARASAT, KOLKATA - 700 126. Ph. 9830012536/2359-8508 E-mail: hrd_sbihm@yahoo.in	UG UG UG UG UG UG	BHM BBA BCA BBA (HOSPITAL MANAGEMENT ) B.SC IN MEDIA SCIENCE BTM	120 60 60 120 60 60
342	FUTURE INSTITUTE	240, BORAL MAIN ROAD, GARIA,	UG UG	COMPUTER SCIENCE & ENGINEERING ELECTRONICS AND COMMUNICATIONS ENGINEERING	60 60



	OF TECHNOLOGY	KOLKATA, WEST BENGAL, 700154	UG	ELECTRICAL ENGINEERING	60
			UG	MECHANICAL ENGINEERING	60
			UG	CIVIL ENGINEERING	60
343	HEMNALINI MEMORIAL COLLEGE OF ENGINEERING	MOUZA-BALINDI, J.L. NO. 7, P.S. HARINGHATA, DIST.-NADIA, PIN-741246, KALYANI, NADIA, WEST BENGAL, 741246	UG	CIVIL & ENVIRONMENTAL ENGINEERING	60
344	INSPIRIA KNOWLEDGE CAMPUS	HIMACHAL VIHAR – PHASE II, MATIGARA, SILIGURI – 734010, DISTRICT – DARJEELING, WEST BENGAL. Ph. +913532571111/1257 E-mail: <a href="mailto:contact@inspiria.net.in">contact@inspiria.net.in</a>	UG	CIVIL ENGINEERING	60
			UG	MECHANICAL ENGINEERING	60
			UG	COMPUTER SCIENCE & ENGINEERING	60
			UG	FOOD TECHNOLOGY	60
			UG	BBA	60
			UG	BCA	60
			UG	B.SC IN MEDIA SCIENCE	60
			UG	BHM	60
345	GLOBAL COLLEGE OF SCIENCE AND TECHNOLOGY	PALPARA MORE, NH – 34, KRISHNAGAR, NADIA, PIN – 741102.	UG	BHM	60
			UG	BCA	60
346	ELITTE COLLEGE OF ENGINEERING	P.O. KARNAMADHABPUR (NEAR MOHISPOTA), P.S. GHOLA, SODEPUR, KOLKATA – 7000113, BARRACKPUR, NORTH 24 PARGANAS, WEST BENGAL – 700113.	UG	ELECTRICAL ENGINEERING	60
			UG	CIVIL ENGINEERING	60
			UG	MECHANICAL ENGINEERING	60
			UG	COMPUTER SCIENCE & ENGINEERING	60
347	JLD ENGINEERING AND MANAGEMENT COLLEGE	MOUZA, BEGAMPUR, PO-TENTULIA, PS-BARUIPUR, BARUIPUR, SOUTH 24 PARGANAS, WEST BENGAL – 743610.	UG	COMPUTER SCIENCE AND ENGINEERING	60
			UG	ELECTRONICS AND COMMUNICATIONS ENGINEERING	60
			UG	MECHANICAL ENGINEERING	60
			UG	ELECTRICAL ENGINEERING	60
			UG	CIVIL ENGINEERING	60

348	EMINENT COLLEGE OF MANAGEM ENT & TECHNOLO GY	MOSHPUKUR, BARBARIA, VILL – PASCHIM KHILKAPUR, BARASAT, WEST BENGAL, PIN – 700 126.	UG UG UG PG	BBA BCA BBA (HOSPITAL MANAGEMENT ) M.SC IN COMPUTER SCIENCE	60 60 30 15
349	COOCH BEHAR GOVERNMENT ENGINEERING COLLEGE	HARINCHAWRA, P.O. – GHUGHUMARI, DIST – COOCHBEHAR, PIN – 736170.	UG UG UG UG UG	CIVIL ENGINEERING COMPUTER SCIENCE & ENGINEERING ELECTRICAL ENGINEERING ELECTRONICS AND COMMUNICATIONS ENGINEERING MECHANICAL ENGINEERING	60 60 60 60 60
350	PURULIA GOVERNMENT ENGINEERING COLLEGE	VILLAGE – CHAS MORE, P.O. – CHAS ROAD, P.S. – JOYPUR, DIST. – PURULIA.	UG UG UG UG UG	CIVIL ENGINEERING COMPUTER SCIENCE & ENGINEERING ELECTRICAL ENGINEERING ELECTRONICS AND COMMUNICATIONS ENGINEERING MECHANICAL ENGINEERING	60 60 60 60 60
351	SWAMI VIVEKANANDA INSTITUTE OF MODERN STUDIES	BARA KANTHALIA, BARRACKPORE, P.O.: SEWLI TELINI PARA, DIST:- NORTH 24 PARGANAS, PIN – 700121. Ph. 033-30085446/5434/5433 Fax – 033-30085441	UG UG	BBA BCA	60 60
352	P. G. INSTITUTE OF MEDICAL SCIENCES	DHURABILA, DHAMKURIA, CHANDRAKONA TOWN, PASCHIM MEDINIPUR, WEST BENGAL – 721201. Ph. 03225-266644	UG	PHARMACY	50
353	BIRBHUM PHARMACY SCHOOL	MOUZA – BANDHERSOLE, PS – SADAIPUR, PO – HETAMPUR, CHINPAI GRAM PANCHAYAT, CHINPAI, BIRBHUM, WEST BENGAL – 731124.	UG	PHARMACY	50