

About

About Department of Computer Science and Engineering (CSE)

The Department of Computer Science and Engineering was formed in 1999. Department started its journey with an intake of sixty for undergraduate B.Tech program under Kalyani University approved by AICTE. Presently the department runs 4-year full time undergraduate B.Tech program with intake capacity increased to 90 in 2010 and 2-year full time post-graduate M.Tech program started from 2012 under West Bengal University of Technology approved by AICTE.

Both JEM and AIEEE merit listed candidates shall have to adhere to the cut-off marks in qualifying exam (10+2) as per norms. For lateral entry students should be Diploma holders in Engineering/Technological have to pass Diploma Examination from an AICTE approved Institution. B.Sc. Degree holders have to pass B.Sc. from a UGC recognized University with at least 45% marks and also have to pass XII standard with Mathematics as a subject. Diploma and B.Sc. Degree holders have to be merit listed in the JELET-2014 conducted by West Bengal Joint Entrance Examinations Board to become eligible for admission under Lateral Entry Scheme. The post-graduate students get admitted through GATE and PGET examinations. Some of them avail teaching assistantship under TEQIP and remain engaged in various departmental works whereas GATE qualified students are entitled for scholarship from the MHRD Department of the Govt. of India.

Academic performance of the students of this department is quite remarkable as they are technically very sound and get placed in well reputed IT industry like Intel, Microsoft, Infosys, IBM, TCS, Cognizant, Tech Mahindra, Capgemini, Wipro etc with great success also numerous alumni from the above industry come to this department to organize student workshop, technical seminar, training etc.

Department has well modernized exclusive classrooms for B.Tech & M.Tech program and the department possesses exclusive laboratories named Computer Organization Lab, Computer Networking Lab, Computer Programming Lab, Computer System Lab, Computer Architecture & Embedded System Lab, PG Research Lab and Project Lab also there are other 7 shared labs in this department. Also the Seminar Room, Tutorial rooms, Faculty rooms, Departmental Library are well modernized.

There is Departmental Advisory Board whose external members are from industries (TCS & CDAC), research institute (ISI & VECC), university/ institute, who meet as and when required in the department to discuss about different academic courses, project & research activities & collaborative program with the different industries from where the students and staff of this department improves their credential in research and academic field.

The department realize that NBA accreditation is essential for not only strengthening its various academic activities but for obtaining autonomy and continuing TEQIP and other similar facilities. In order to achieve the target mission and vision and program educational objectives for the graduate engineers, it is utmost important to establish outcome based model recommended by NBA for quality education. This model not only emphasizes on the graduate attributes but also suggest suitable changes in curriculum, learning-teaching process, content delivery, assessment rubrics etc. Students will definitely be benefitted for better employment and entrepreneurship. Moreover, NBA accreditation also facilitates to draw various research grants for the Department. On the whole, NBA accreditation is really necessary for potential improvement in the learning teaching process as well as to add more values in the research activities.

The department provides an outstanding research environment complemented by excellence in teaching. Since its beginning the department has created soaring impression among the industrialists, academics and students and the journey is going ahead with continuous effort by its excellent faculties, staffs and students

OUR MISSION

To develop as a national level accomplished department of excellence in Computer Science and Engineering in terms of education, learning and research environment that will mould students into becoming innovative engineers, competent at solving real world challenges in industry and commerce with leadership, result orientation and high ethical standards.

Approved by Programme Assessment Committee & Departmental Advisory Board

OUR VISION

We aspire to prepare world class computing professionals who can blossom into truly global leaders.

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Facilities

Facilities of Department of Computer Science & Engineering

Rooms

- 7 Modernized Class Rooms
- 2 Tutorial Rooms
- HOD Office Room
- 4 Cubicle Structure based Faculty Rooms
- Meeting/ Seminar Room
- 7 Laboratories(Exclusive)
- 7 Laboratories(Shared)
- Departmental Library Room
- 1 Stored Room

Teaching Aids

- Power Point Presentation Slides: Laptop/PC, Projector, Screen, Sound System
- Print Materials for Theory courses: Laptop/PC, Printer, Scanner, Xerox, Papers
- Print Materials for Practical courses: Lab Manuals, Lab Assignments, Equipments, PCs, Spare parts & consumables.
- Display Items: Green Boards, White Boards, Soft Notice Boards, Cover Notice Boards, Laptops, Projectors, etc.
- Learning Resources: Laptop/PC, Projector, Sound System, Pen Drive, Learning CD/DVD, etc.
- Video Lectures: Laptop/PC with CD/DVD Player.

Laboratories (Exclusive)

- Computer Networks Lab (Room No. N315)
- Computer Programming Lab (Room No. N316)
- Computer System Lab (Room No. N317)
- Project Lab (Room No. N314A)
- Computer Organisation Lab (Room No. N312A)
- Computer Architecture & Embedded System Lab (Room No. N312B)
- PG/Research Lab (Room No. N318)

Laboratories (Shared)

- Physics Lab (Room No. L306)
- Chemistry Lab (Room No. L503)
- Basic Electronics Lab (Room No. N116A)
- Basic Electrical Lab (Room No. N014)
- Mechanical Work-Shop (Room No. L301)
- Language Lab (Room No. L401, L402 & L403)

- Engineering Drawing Lab (Room No. L201)

Laboratory Equipments

Experiment	Software	Equipment
Computer Networks Lab	Windows 7 professional(campus licence) , Linux(Redhat 6.2) , JDK(7u40)	35 PC(OPTIPLEX 9010,DELL INC,INTEL(R) CORE™ i5-3570 @ 3.40GHZ (4CPUs),4GB,500GB), 1 Server(Dual CPU Intel(R) Xeon(R) Processor E5-2630 2.30 GHz, 16 GB Memory, 300 GB HDD),1 Router(Cisco Router 2900), 2 Switches, 1 Gateway(Juniper)
Computer Programming Lab	Windows 7 professional (campus license) , Linux(Redhat 6.2),JDK(7u40), Net Beans(7.0), Tomcat 5, C++ Compiler(Turbo C++ 3.0.7.7.c) , Oracle Server 10g.	35 PC(Dell Inc,OptiPlex 990,Intel(R) Core(TM) i3-2120 CPU @ 3.30GHz (4 CPUs),4GB RAM,500GB HDD),1 Server(Dual CPU Intel(R) Xeon(R) Processor E5-2630 2.30 GHz, 16 GB Memory, 300 GB HDD),1 Server Rack, 2 Switches.
Computer System Lab	Windows 7 professional(campus licence) , Linux(Redhat 6.2), MICROSOFT VISIO PROFESSIONAL, MATLAB 7.9, VB.NET(VS 2008,VS 2012)	35 PC(OPTIPLEX 9010,DELL INC,INTEL(R) CORE™ i5-3570 @ 3.40GHZ (4CPUs),4GB,500GB)
Computer Organisation Lab	Windows 7 professional(campus licence) , Linux(Redhat 6.2),Smart Draw simulator, AVR Studio 6, comm-sim simulator, Circuit Maker	10 PC, Analog Cum Digital Development Board, 30MHz Oscilloscope, Function Generator, AM&D Trainer, FM&D Trainer, PAM&D Trainer, SPECTRUM ANALYZER, etc, GSM Module and GPS/GSM Module.
Computer Architecture & Embedded System Lab	Windows 7 professional(campus licence) , Linux(Redhat 6.2), 8085 simulator, 8051 simulator, vivado design suite, Quartus II software.	35 PC, Altera DE1 Development and Education Board , 8085 Trainer Kits, 8051 Micro Controller Kit, Interface Modules- i. 16 channel 8 bit ADC Interface ii. Dual DAC Interface iii. Stepper Motor control Interface with stepper motor, power supply and accessory iv. Display Interface v. Opto Isolated Relay Output Interface and vi. DC Motor Interface , AVR Microcontroller Flash Starter Kit, RS-232C to USB converter adaptor with USB cable. MCB2140 Evaluation Board – ARM based, PIC18F6722 Development Kit, Xilinx Atlys Spartan-6 FPGA kit, Xilinx Genesys Virtex-5 FPGA Development Kit, and Xilinx ZYNQ-7000 SOC Video & Imaging Kit
Project Lab	Windows , Linux, JDK, Net Beans, Tomcat, C++ Compiler , Oracle, MATLAB 7	35 PC, 1 Server,
PG/Research Lab	Windows , Linux, JDK, Net Beans, Tomcat, C++ Compiler , Oracle, MATLAB 7	

Program

PROGRAMME CURRICULUM

View B.Tech (CSE) Program Curriculum

View M.Tech (CSE) Program Curriculum

PROGRAMME EDUCATIONAL OBJECTIVES

- 1) To educate graduates to work professionally in computing profession.
- 2) To educate graduates to analyse data, design, and conduct experiments using modern engineering tools.
- 3) To train graduates to lead in multinational, multicultural, and multi-disciplinary teams.
- 4) To develop capability to work in a socio-cultural and techno-legal environment understanding the societal and global impacts of the work.
- 5) To encourage graduates to pursue higher education and research in relation to the emerging areas of academic and industrial importance.
- 6) To develop graduates to communicate effectively with the technical fraternity and the people at large.
- 7) To demonstrate code of conduct and ethics while performing given tasks.

Approved by Programme Assessment Committee & Departmental Advisory Board

PROGRAMME OUTCOMES

PO 1. Engineering Knowledge: Apply knowledge of mathematics, science, computer engineering fundamentals and computer science specialization to the solution of complex computing engineering problems.

PO 2. Problem Analysis: Identify, formulate, research literature and analyze complex computer engineering problems using first principles of mathematics, natural sciences and computer engineering sciences for reaching advanced real life solutions.

PO 3. Design/ Development of Solutions: Design solutions for complex computer engineering problems and design system components or processes that meet specified needs with appropriate consideration for meeting socio-economically viable aspects like public health and safety and cultural, and societal considerations.

PO 4. Conduct investigations of complex computer problems using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions and design of parts, subsystems, systems and/or processes to meet specific needs.

PO 5. Modern Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modelling of complex computer engineering activities with an understanding of their limitations.

PO 6. Environment and Sustainability: Understand the impact of professional engineering solutions in societal and environmental contexts utilizing contextual knowledge to assess societal, health, safety, legal and cultural issues and demonstrate knowledge of and need for sustainable development.

PO 7. Ethics: Apply principles for fulfilment of professional ethics and responsibilities and norms of engineering practices by providing a written code of conduct from the very beginning.

PO 8. Individual and Team Work: Function effectively as an individual, and as a member of a team even in multidisciplinary and multi-cultural settings. Should also develop leadership capability to guide a team both in technical and administrative matters.

PO 9. Communication: Communicate oral and written effectively on complex technical activities with engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation and make effective presentations.

PO 10. Project Management and Finance: Demonstrate knowledge and understanding of engineering and management principles and apply those to one’s own work, as a member or leader of a team, to manage projects in multidisciplinary environment.

PO 11. Life-long Learning: Recognize the need for and have the preparation and ability to engage in independent life- long learning in the broadest context of technological change.

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Module Outcomes (MO’s) of the Programme of Department of Computer Science & Engineering

Sl. No.	Module Name	Module Outcomes
1.	Professional Core(PC)	<p>MO1: Demonstrate knowledge and understanding of the fundamental principles of computer science.</p> <p>MO2: Demonstrate knowledge and understanding of how these principles, logical concepts, data structures, algorithms and design approaches such as object orientation can be used to develop software-based solutions.</p> <p>MO3: Demonstrate knowledge and understanding of the professional and ethical responsibilities of computer scientists.</p> <p>MO4: Apply and implement appropriate theories and techniques to the design and development of computer systems such as information systems, distributed systems, programming language implementations, computer graphics, intelligent systems and human-computer interfaces.</p>
2.	Professional Electives(PE)	<p>MO1: Demonstrate an understanding of the principles that underlie the aspects of computational methodologies.</p> <p>MO2: Demonstrate the acquisition of autonomous study skills and the adoption of an investigative approach to tackle economic problems.</p> <p>MO3: Apply critical, analytical and research skills, and problem-solving skills that are valuable for a wide range of future careers, further study, and lifetime learning.</p>
3.	Open Electives(OE)	<p>MO1: Recognize inefficiency in basic computer architectural designing ability and develop a range of more effective and advanced skills</p> <p>MO2: Acquire principles to help to become more advanced and strategic users of computer hardware and operating system.</p> <p>MO3: Develop critical analyzing abilities, communications skills and communicate in a variety of formats using appropriate software.</p>
4.	Project & Training (PT)	<p>MO1: Develop knowledge and understanding of management and business practices, the responsibilities of a professional Engineer or Designer, team working issues, ethical issues.</p> <p>MO2: Manage and carry out a technical and/or design project to a constrained budget and timescale and identify the factors which determine the success or otherwise of a technical project.</p> <p>MO3: Apply knowledge of specific codes of practice relating to hazards and operational safety and develop a project plan, identifying the resources required and timescales involved and analyze the outcomes of a project.</p> <p>MO4: Manage time and resources, work as part of a team, and develop a personal plan of work to meet deadlines, identify and record their ongoing training and professional development.</p>
5.	Humanities & Social Sciences (HS)	<p>MO1: Knowledge-Breadth:- An understanding of the theory, concepts and methods pertaining to education and training.</p> <p>MO2: Know-How and Skill-Range: - An ability to identify teaching and learning strategies that will help improve learning. Also an ability to assess learners’ strengths</p>

		and needs to conduct and critique research on the effectiveness of teaching and learning interventions. Also utilise advanced skills to conduct research such as devising training needs analysis and developing questionnaires and surveys. MO3: Competence-context:- Upon successful completion of the programme of study, a graduate will be able to demonstrate the ability to critically evaluate problems and alternative solutions in a wide variety of training and educational contexts; MO4: Progression and Transfer within Qualifications Framework: - Upon successful completion of the programme of study, a graduate will be able to enter a wide range of further or post graduate Level studies both nationally and internationally.
6.	Engineering Sciences (ES)	MO1: Ability to identify schematic symbols and understand the working principles of various electronic devices e.g (Rectifiers, Clipper, Clamper, Filters, Amplifiers and Operational Amplifiers etc.) also understand methods to analyze and characterize these circuits . MO2: Demonstrate knowledge of various manufacturing processes, which help them organizing his/her own work and thus make them work in a team-environment to solve engineering problems and communicate their work effectively in groups and as individuals. MO3: Apply computing skills to prepare technical documents and make effective oral presentations. MO4: Comprehend and analyze both legal and ethical issues involving the use of computing in society.
7.	Basic Sciences (BS)	MO1: Apply basic knowledge of mathematics science and engineering principles to identify, formulate and solve technical problems. MO2: Use computational methods, skills, computers and modern technical tools in engineering practice. MO3: Design and conduct experiments, and to analyze and interpret data; MO4: Execute a project to meet desired needs; and. Communicate effectively in oral and written, visual and graphic modes.

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Mission	Programme Educational Objectives(PEO's)	Degree of correlation
Provide environment that will mould students into becoming innovative engineers, competent at solving real world challenges in industry	1. To educate graduates to work professionally in computing profession. 4. To understand the impact of Computer science & Engineering solution in a global and societal context.	1. Strong 4. Moderate
To develop as a national level accomplished department of excellence in Computer Science and Engineering in terms of education, learning and research environment	2. To educate graduates to analyse data, design, and conduct experiments using modern engineering tools. 5. To encourage graduates to pursue higher education and research.	2. Strong 5. Strong
Solving real world challenges in industry and commerce with leadership, result orientation and high ethical standards	3. To train graduates to lead in multinational, multicultural, and multi-disciplinary teams. 6. To develop graduates to communicate effectively with the technical fraternity and the people at large.	3. Strong 6. Moderate 7. Strong

	7. To demonstrate code of conduct and ethics while performing given tasks.	
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Evidences for the Attainment of the Programme Educational Objectives (PEO's)

PEO's	Indicators of achievements of PEOs	Goal in %		Remarks
		No. of Student in % (Min)	Performance in %	
1. To educate graduates to work professionally in computing profession.	a) Placement in software industry -6 to 6 months after graduation	70%		With reasonable package In the relevant area
	b) Entrepreneurship in computer related industry within 0 to 12 months after graduation.	10%		
	c) Higher study through GATE within 0 to 12 months after graduation	10%		
	d) Higher study through CAT and GRE (0 to 12 months after graduation)	10%		
	e) Higher study without GRE within 0 to 12 months after graduation	5%		
2. To educate graduates to analyse data, design, and conduct experiments using modern engineering tools.	a) Students engaging in creative contributions as problems solvers in minor and major projects.			e & f shall be judged by students' semester exit surveys
	b) students engaging in making model for hardware problem			
	c) Students engaging in designing of software solutions	100%		
	d) Students engaging in industry in their final year project to solve real time problem using modern engineering tools.	30%		
	e) Students are encouraged to develop software and the best three of the software are rewarded.	50%		
	f) Software prepared by students are being used in the department for deferent purposes such as use in departmental library and students information record system.	20%		

<p>3. To train graduates to lead in multinational , multicultural , and multi-disciplinary teams.</p>	<p>a) Students are involved with other departments for their final year projects under the guidance of faculties of those departments.</p> <p>b) Students are grouped with the students of other departments for their final year projects.</p>	<p>10%</p> <p>10%</p>		
<p>4. To understand the impact of Computer science & engineering solution in a global and societal context.</p>	<p>a) The students are being trained such that project should meet the standard to satisfy the need of global state of the art, in this regard the project should be also commercially viable. It should also fulfill socio economic need and involve minimum infrastructural requirements and also less time .</p> <p>b) Students have prepared software for medical store also a software record to keep the track of mobile bill consumption.</p>	<p>About 50% projects are oriented to solve problems of local economy</p>		
<p>5. To encourage graduates to pursue higher education and research</p>	<p>a) Students achieve success in university exams.</p> <p>b) Students achieve 9 or more % of marks.</p> <p>c) Students are encouraged to publish their project work as referred articles.</p> <p>d) Various student development programs are organized to make them aware about current research trends.</p> <p>e) Students are encouraged to go through online journals to motivate in research activities.</p>	<p>95%</p> <p>10%</p> <p>20%</p> <p>1 program per semester</p> <p>45%</p>		
<p>6. To develop graduates to communicate effectively with the technical fraternity and the people at large.</p>	<p>a) Conducting classroom seminars and group discussions in theory classes.</p> <p>b) Conducting departmental seminars on various topics regarding current technical issues are being presented by the students and faculty members.</p> <p>c) Interaction with the students during theory and lab classes is done in English.</p>	<p>60%- 70%</p>	<p>70%</p>	
<p>7. To demonstrate</p>	<p>a) Students are motivated to attend classes (attendance) regularly.</p>	<p>70%</p>	<p>75%</p>	

code of conduct and ethics while performing given tasks.	b) Students are encouraged by showing various inspirational videos and speeches (Log book entry).	50%	5 episodes	
	c) Students are asked to maintain punctuality in theory and lab classes (attendance log book in lab).	70%	75%	
	d) d. Professional honesty and integrity during examinations process is done (Incidental events).	50%	ZERO	

TEACHING ASSISTANTSHIP TO M.TECH SCHOLARS:

- In order to enhance the enrollment of PG programmes Teaching Assistantship scheme has been approved by the college, under the provisions of TEQIP-II projects.
- The applications are invited from the non-Gate M.Tech scholars of this institute. On the basis of academic merit 50% of the total M.Tech intakes are selected to assist the department/faculty members in sharing the teaching load of laboratory work/courses under the supervision of a coordinating faculty.
- The teaching assistantship is awarded an honorarium of Rs 8000/- per month as a compensation for their services.
- The services rendered by these scholars are restricted to the maximum of 8 to 10 hours per week.

Departmental Library

The Computer Science and Engineering Department has a well established internal library which contains books and periodicals related to different subjects of Computer Science and Engineering course. Faculties and Students can also access online resources through which many journals can be accessed, from within the department. The library remains open from 10 a.m. to 6 p.m. on all working days. More than 200 titles of different books and periodicals are used for reference purpose which is used by Faculties, Research scholars and PG students willing to go in reference and other higher studies.

- ✓ There are journals in the library in form of IEEE, SPRINGER, ACM, SCIENCEDIRECT etc.
- ✓ The library also possesses copies of tutorial-books, lab manuals are kept in the library, and those are used by U.G and P.G students.
- ✓ Copies of old project reports of pass-out UG and PG students which are used as reference by the later UG and PG students.
- ✓ Journal and conference papers published by faculties and students of this department are also kept in the library.
- ✓ Daily news papers are also kept in the library for faculties and students of the library.

Professional Activities & Extra and Co curricular Activities

Co-curricular Activities related to the Dept. or program

- Undertaking assignments for making draft power point presentations for the teacher for classroom and seminar presentations.
- Searching and compiling trends in some curriculum relevant technologies or process or appliances and helping teacher in preparing review paper for his conference presentation
- Contributing to a dept. project team, by giving manual help in developing/fabricating some experimental apparatus or set-up for doing some R&D / Consultancy projects.
- Collecting relevant ideas or problems for major projects during industrial training during 3rd year of B.TECH.
- Imparting discipline relevant training or awareness orientation to community mechanics or general public.
- Using Software developed by students in the departmental library.

Co-curricular activities related to interdisciplinary areas

- Becoming an active member to help in a dept project team involved in a problem solving pertaining to interdisciplinary industrial project as a student member.
- Developing multidisciplinary application based working Engg. models or gadgets for intercollegiate and intra collegiate competition .To start with the three departments

- iii. Namely CSE, IT, ECE have decided to undertake about 10% of Major projects cutting across all the three discipline/Technologies.
- iv. Assisting weak learners/ students of junior semesters in some subjects in time beyond working hours or in the evening hrs in the hostel.
- v. Participating community services for rendering technical solutions to typical common domestic/ technical problems related to water supply, power supply or in repairing/
- vi. Explaining desirable approach to repairs of domestic appliances.

Student's List Awarded Prizes in Department of Computer Science & Engineering.

SI No	Name of Students	Pass out Batch	Even participated	Position
1.	Akash Balmiki	2013	Cricket	Man of the tournament in inter-college competition
2.	Tanmoy Das Let	2014	Football	Man of the tournament in inter-college competition
3.	Disha Chakrabarty	2014	Table Tennis	Awarded winner trophy in inter college competition
4.	Sayantan Mukherjee	2013	Carrom	Awarded winner trophy in inter-college competition
5.	Soumyadip Sarbajna	2013	CODE xCELLENCE	Awarded 1 st winner trophy in intra college competition
6.	Arnab Saha	2013	CODE xCELLENCE	Awarded 1 st winner trophy in intra college competition
7.	Arnab Saha	2013	Technical Event organized by HP	Star Of The Batch Award From HP
8.	Anup Sharma	2013	Project Competition	Faculty Choice Award For Best J2ee Project
9.	Argha Ganguly	2013	HIGH ALTITUDE TREK	Awarded
10.	Swashata Ghosh	2013	Website Developer of RCCTimes (Website of annual fest). Known open source contributor at WordPress.org Codex. http://profiles.wordpress.org/swashata/ Owner and Founder of http://www.intechgrity.com	Awarded
11.	Ananya Paul	2015	Codathon (Coding competition) in INNOVISION 2014 organised by CSE Dept.	Awarded 1 st winner trophy in inter department competition
12.	Avinash Singh Chouhan	2017	Codathon (Coding competition) in INNOVISION 2014 organised by CSE Dept.	Awarded 2 nd winner trophy in inter department competition
13.	Dhiraj Singh	2017	Codathon (Coding competition) in INNOVISION 2014 organised by CSE Dept.	Awarded 3 rd winner trophy in inter department competition
14.	Ranabir Devgupta	2016	Lets Discuss (Debate competition) in INNOVISION 2014 organised by CSE Dept.	Awarded 1 st winner trophy in inter department competition
15.	Adresha Ghosh	2017	Lets Discuss (Debate competition) in INNOVISION 2014 organised by CSE Dept.	Awarded 2 nd winner trophy in inter department competition

16.	Satadal Chakravarty	2017	Lets Discuss (Debate competition) in INNOVISION 2014 organised by CSE Dept.	Awarded 3 rd winner trophy in inter department competition
17.	Sudiksha Chakraborty	2016	Painting in INNOVISION 2014 organised by CSE Dept.	Awarded 1 st winner trophy in inter department competition
18.	Ranabir Devgupta	2016	Painting in INNOVISION 2014 organised by CSE Dept.	Awarded 2 nd winner trophy in inter department competition
19.	Disha Roychowdhury	2018	Painting in INNOVISION 2014 organised by CSE Dept.	Awarded 3 rd winner trophy in inter department competition
20.	Anuran Banerjee	2016	Painting in INNOVISION 2014 organised by CSE Dept.	Awarded 3 rd winner trophy in inter department competition
21.	Avrak Banerjee	2016	The shutter bugs (Photography competition) in INNOVISION 2014 organised by CSE Dept.	Awarded 1 st winner trophy in inter department competition
22.	Avrak Banerjee	2016	The shutter bugs (Photography competition) in INNOVISION 2014 organised by CSE Dept.	Awarded 2 nd winner trophy in inter department competition
23.	Satadal Chakravarty	2017	The shutter bugs (Photography competition) in INNOVISION 2014 organised by CSE Dept.	Awarded 2 nd winner trophy in inter department competition
24.	Prithviraj Chaudhuri	2016	The shutter bugs (Photography competition) in INNOVISION 2014 organised by CSE Dept.	Awarded 3 rd winner trophy in inter department competition
25.	Ahana Dutta	2016	Best Poetry in INNOVISION 2014 organised by CSE Dept.	Awarded winner trophy
26.	Moumita Pal	2016	Best Article in INNOVISION 2014 organised by CSE Dept.	Awarded winner trophy
27.	Arindam Kundu	2016	Tech-C (Technical Quiz) in INNOVISION 2014 organised by CSE Dept.	Awarded 1 st winner trophy in inter department competition
28.	Nirupama Shaw – 2017	2017	Tech-C (Technical Quiz) in INNOVISION 2014 organised by CSE Dept.	Awarded 2 nd winner trophy in inter department competition
29.	Anuran Banerjee	2016	Tech-C (Technical Quiz) in INNOVISION 2014 organised by CSE Dept.	Awarded 3 rd winner trophy in inter department competition

NSS Activities

- RCC Institute of Information Technology is involved in conducting “Computer Literacy Program” in a continuous manner for the poor, deprived students of this locality who are involved interested to learn computer. CSE department students, whose details are attached underneath, are involved in taking classes after their normal class schedule in this department.

Sl No	Name of Students	Pass out Batch
1.	Debadeep Basu	2016
2.	Diptanil Das	2016
3.	Stainlee Bakhla	2016
4.	Satyaki Siddhanta	2016
5.	Shashank Shekhar	2017
6.	Faizaan Ahmed Khan	2017
7.	Deeksha Sinha	2017
8.	Avinash Singh Chauhan	2017
9.	Shreya Das Gupta	2017

- CSE Department is involved in during NSS work by conducting two days Computer Awareness Program (CAP) to students from class V to VIII at Kakurgachi Vivekananda Vidyapith for Boys on 21.07.2014 & 22.07.2014 organized jointly by CSE & CA department of RCCIIT. Faculties & students from CSE & CA department provided lecture to the students of the above school. Mr. Anup Kumar Kolya, Mr. Prasenjit Dey of CSE department was responsible for overall conduction of the above programme.
- 2nd year & 3rd year students of RCCIIT students was involved in one day Blood donation camp on 19th of September, 2014 in association with The Central Blood Bank, Maniktala, in which 4 students named i). Satyaki Sidhanta, pass-out batch 2016 ii). Diptanil Das, pass-out batch 2016 iii). Deeksha Sinha, pass-out batch 2017 iv). Faizan Ahmed Khan, pass-out 2017 of CSE department acted as a volunteer and in all 68 generous donors among students, faculties and alumni donated blood.

Publication & Funded Research Project

Faculty Publication

July 2013- Jun 2014(CAY)

1. Kaushik Ghosh, **Pradip K Das**, Sarmistha Neogy, “ Effect of Source Selection, Deployment Pattern, and Forwarding Technique on the Lifetime of Data Aggregating Multi-Sink Wireless Sensor Network”, in Advs. In Intelligent Syst, Computing, Vol no 304, ISBN :978-81-322-1984-2(To appear)
2. R. Jana, A. R. Chowdhury, **Mazharul Islam**, “Optical Character Recognition from Text Image”, in International Journal of Computer Applications Technology and Research, Volume-3, Issue 4, pp 240-244, 2014
3. Sanghamitra Bandyopadhyay and **Koushik Mallick**, “A New Path Based Hybrid Measure for Gene Ontology Similiarity”, in IEEE/ACM Transactions on Computational Biology and Bioinformatics, Vol 11, No 1, 19th Nov, 2013, Digital Object Identifier no. 10.1109/TCBB.2013.149.
4. **Minakshi Banerjee**, Sanghamitra Bandyopadhyay, Sankar K. Pal, “A Clustering Approach to Image Retrieval Using Range Based Query and Mahalanobis Distance”, in Rough Sets and Intelligent Systems, Volume 43, pp 79-91, ISBN: 978-3-642-30340-1, 2013.
5. **Pramit Ghosh**, D.Bhattacharjee, M.Nasipuri, “ An automated Non-invasive system for diagnosis of Tuberculosis ”, ACSS 2014, April 18-20, 2014
6. **Harinandan Tunga**, Akash Ghosh, Arnab Saha, and Swashata Ghosh, ”Design and Implementation of a Lock-Key Image Encryption and Decryption, based on a User Provided Password”, International Journal of Computer Applications (0975 – 8887)Volume 85 – No 11, January 2014.
7. **Harinandan Tunga**, Akash Ghosh, Arnab Saha, and Swashata Ghosh, “Novel Modified Playfair Cipher using a SquareMatrix” International Journal of Computer Applications (0975 – 8887)Volume 85 – No 11, February 2014.

8. **Harinandan Tunga**, “A New Secret Coloured Image Encryption and Decryption Scheme based on (2, 2) Visual Cryptography Scheme (VCS)”, International Journal of Computer Applications (0975 – 8887)Volume 85 – No 11, April 2014.
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10. **Harinandan Tunga**, and Oindrila Saha “Natural image encryption and decryption using proposed modified short range natural number (MSRNN)”, International Journal of Computer Applications (0975 – 8887)Volume 85 – No 11, May 2014.
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July 2012- Jun 2013(CAY m1)

1. M.K.Kundu, S.Dhar, **Minakshi Banerjee**, “ A New Approach for Segmentation of Image and Text in Natural and Commercial Color Documents”, in Intl. Conference on Communications, Devices and Intelligent Systems (CODIS), published by IEEE, ISI, Kolkata, 28-29 Dec 2012, pp 85 – 88, 978-1-4673-4699-3.
 2. M.Nandy(Pal), **Minakshi Banerjee**, “Retinal vessel segmentation using Gabor filter and artificial neural network”, in 3rd Intl Conf on Emerging Applications of Information Technology (EAIT), published by IEEE, Nov 30-Dec 1 2012, ISI, Kolkata, pp 157-160, ISBN-978-1-4673-1828-0.
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3. M.K. Kundu, M.Chowdhury, **Minakshi Banerjee**, “Interactive Image Retrieval using M-band wavelet, Earth Mover's Distance and Fuzzy Relevance Feedback”, in International Journal of Machine Learning and Cybernetics, December 2012, Volume 3, Issue 4, pp 285-296, DOI: 10.1007/s13042-011-0062-8, ISSN: 1868-8071.
 4. Kaushik Ghosh and **Pradip Kr. Das**,”Effect of Forwarding Strategy on the Life Time of MultiHop multi-sink Sensor network”, proc of 3rd Intl. Conf on recent trend in Information, Communication and Computing (ITC 2012), pp 44-53, Springer 2012; also Book Chapter 7 LNEE 150, pp 55-64, 2013.
 5. Pampa Sadhukhan, **Pradip Kr. Das**, and Nandini Mukherjee, “A Novel Layer 3 based Movement Detection Algorithm for Improving the Performance of Mobile IP”, Wireless Networks, vol 19, no. 4, pp 431-442, May 2013, Springer.
 6. **Prमित Ghosh**,”Round the clock Urine sugar Monitoring system for diabetic patients ”, in Int. Conf on Systems in Medicine and Biology”, 16-18 Dec 2010, IIT Kharagpur
 7. **Prमित Ghosh**, “Adaptive Intelligent Controleer for HouseholdCooling Systems”,in 1st Intl. Conference on Integrated Intelligent Computing, 2010

8. **H.Tunga**, “Disease Co-Morbidity and the Human Wnt Signaling Pathway: A Network-Wise Study”, in OMICS: A Journal of Integrative Biology. June 2013, Vol. 17, No. 6: 318-337
 9. **H.Tunga**, “A Novel Method of Minimal Dominating Node Selection and Comparison with Dai and Wu Algorithm for Energy Efficient Routing in Ad hoc Network based on Directional Antenna”, International Journal of Computer Applications (0975 – 8887)Volume 53– No.2, September 2012
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July 2011- Jun 2012(CAY m2)

1. **Koushik Mallick** and Siddhartha Bhattacharyya, “Uncorrelated Local Maximum Margin Criterion: An Efficient Dimensionality reduction Method for Text Classification”, in 2nd International Conference on Computer, Communication, Control and Information Technology(C3IT-2012) on February 25 - 26, 2012 at Academy of Technology, Volume 4, 2012, pp 370-374, published in Procedia Technology.
 2. S.Halder, P.P.Meta and **Sukla Banerjee**, ”Mobility Aware Routing Protocol in AD-HOC Network ”, in First International Conference on Information Technology Convergence & Service”, in CS & IT-CSCP, Jan 4, 2012, DOI : 10.5121/csit.2012.2103
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3. M.K.Kundu, M.Chowdhury, **Minakshi Banerjee**, “Interactive Image Retrieval with Wavelet Features”, in 4th Intl. Conf on Pattern Recognition and Machine Intelligence, Moscow, Russia, LNCS 6744, pp. 167–172, June 27 - July 1, 2011.
 4. **H.Tunga**, “ A New Modified Playfair Algorithm Based On Frequency Analysis”, IJETAE-Vol.2, Issue 1, January 2012, ISSN 2250-2459.
 5. **H. Tunga**, “A New Polybit Shuffling Encryption and Decryption Algorithm Based on N Dimensional Encryption-Decryption Matrix “,IJETAE-, Vol.2, Issue 2, February 2012, ISSN 2250-2459.
 6. **H. Tunga**, “A Fast and Efficient Non-Blocking Coordinated Movement-Based Check pointing Approach for Distributed Systems”, IJCER-Vol. 2, Issue 1, Jan-Feb. 2012, ISSN: 2250–3005.
 7. **H.Tunga**, “A Novel Digital Image Watermarking Scheme Based On Visual Cryptography With Colored Watermark and Colored Host Image”, in Journal of Computer and Information Technology-Vol.3 Issue 1, 2012.
 8. **H.Tunga**, “Design and Implementation of a Novel Authentication Algorithm for Fool-Proof Lock-Key System Based On Visual Secret Sharing Scheme”, IJCSI Vol. 9 Issue 3, No 1, May 2012, ISSN (Online): 1694-0814. www.ijcsi.org.
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9. **H.Tunga**, “A safety mechanism based on visual cryptography”, Patent Reference Number: E-2/2217/2013-KOL & Patent Application Number: 616/KOL/2012

10. **S. Banerjee**, “Detection/Removal of Cooperative Black and Gray Hole Attack in Mobile Ad Hoc networks”, proc of World congress on Engineering & Computer Science, Oct 22-24, 2008, San Francisco, USA.

CSE Department is the main development partner for the externally funded collaborative project proposal has been submitted to BRNS under the Department of Atomic Energy, Govt of India entitled “Embedding Segmentation of PET Images for Medical Applications in Brain Disorders”. The PI of the project is Dr. Minakshi Banerjee, Dept of CSE of RCCIIT, CI is Dr. Mausumi Maitra, Dept of IT Govt. College of Engineering and Ceramic Technology, and PC is Mr. Anindya Roy, VECC, Kolkata.

Faculty and Staff Development Program

- A National level three days faculty development programme on “Recent Trends in Multimedia Technology 2013” held from 10th of July 2013 to 12th of July 2013.

Status Report on 3 days National Level Workshop on “Recent Trends in Multimedia Technology” Under TEQIP-II Organized by: Department of Computer Science & Engineering. RCC Institute of Information Technology Canal South Road, Kolkata – 700 015.				
Date: 10 th July 2013 to 12 th July 2013			Venue: RCCIIT Language Lab	
Total Registered Participants: 36				
External Participants: 06				
Internal Participants: 30				
(Faculty: 27, Technical Staff: 1, Student: 8)				
10 th July, 2013(Wednesday)	Topic: Image Application in Multimedia System	Speaker 1- Prof. Minakshi Banerjee Associate Professor, Dept. of CSE, RCCIIT	Speaker 2- Prof. Jayanta Mukhopadyay Dept. of CSE, IIT, Kharagpur	Hands On- Mr. Sudeb Das Research scholar, MIU, ISI, Kolkata
11 th July, 2013(Thursday)	Topic: Audio and Image processing in multimedia system	Speaker 1- Prof. Amita Pal Associate Professor ASU, ISI, Kolkata	Speaker 2- Prof. Santi Prasad Maity Associate Professor Dept. of IT, BESU	Hands On- Mr. Bidhan Barai, Research scholar, ISI, Kolkata
12 th July, 2013(Friday)	Topic: Video Processing & Media processor for different Multimedia Devices	Speaker 1- Prof. Sujit Kumar Ghosh Asst. Professor, Dept. of CSE, RCCIIT.	Speaker 2- Prof. Malay Kumar Kundu, Professor, MIU, ISI, Kolkata	Hands On- Prof. Bhaskar De, Research scholar, ISI, Kolkata
<p>Participant’s Feedback Summary: All the participants were immensely pleased by attending the workshop and they found that speeches justified the title of the workshop. They specifically mentioned that most of the speeches were very informative and covering the field of Multimedia Technology very elaborately. They also mentioned to utilize some knowledge gathered out of this workshop in their own research field. Special praise was noted by the attendees for arrangement and the ambience of the workshop venue.</p>				

- A National level One week faculty development programme on “Recent Advances in Computer Science” held from 31st March 2014 to 4th of April 2014.

Status Report on One week National Level Workshop on “Recent Advances in Computer Science” Under TEQIP-II Organized by: Department of Computer Science & Engineering. RCC Institute of Information Technology

Canal South Road, Kolkata – 700 015.		
Date: 31 st March 2014 to 04 th April 2014		Venue: RCCIIT Language Lab
Total Registered Participants:	60	
External Participants:	30	
Internal Participants:	30	
(Faculty: 27, Technical Staff: 3)		
31 th March, 2014 (Monday Day)	Speaker 1- Prof. Minakshi Banerjee, Associate Professor, Dept. of CSE, RCCIIT	Speaker 2- Prof. Asok De, mDirector, NIT, Patna.
1 st April, 2014 (Tues Day)	Speaker 1- Prof. Aditya Bagchi, ISI, Kolkata	Speaker 2- Prof. Aditya Bagchi, ISI, Kolkata
2 nd April, 2014 (Wednes Day)	Speaker 1- Prof. Subhangshu Bandyopadhyay, Dept. of CSE,CU, Kolkata.	Speaker 2- Prof. Chittaranjan Mandal, Professor,IIT, KGP.
3 rd April, 2014 (Thurs Day)	Speaker 1- Prof. Pradip Kumar Das Professor, Dept. of CSE, RCCIIT	Speaker 2- Prof. Sarmistha Neogy, JU, Kolkata
4 th April, 2014 (Friday)	Speaker 1- Prof. Malay Bhattacharyya Professor, Kalyani University, Kolkata.	Speaker 2- Prof. Animesh Mukherjee, Professor, IIT, KGP
<p>Participant's Feedback Summary: All the participants were immensely pleased by attending the workshop and they found that speeches justified the title of the workshop. They specifically mentioned that most of the speeches were very informative and covering the field of Multimedia Technology very elaborately. They also mentioned to utilize some knowledge gathered out of this workshop in their own research field. Special praise was noted by the attendees for arrangement and the ambience of the workshop venue. And another thing that they are not satisfied about the food quality for first two days and last three days food was good. Total hospitality was excellent..</p>		

- **A National level one week faculty development programme on “Recent Advances in Computer Network” held from 7th July to 11th July 2014.**

Status Report on One week National Level Workshop on “Recent Advances in Computer Network” Under TEQIP-II Organized by: Department of Computer Science & Engineering. RCC Institute of Information Technology Canal South Road, Kolkata – 700 015.		
Date: 7 th July 2014 to 11 th July 2014		Venue: RCCIIT Language Lab
Total Registered Participants:	50	
External Participants:	10	
Internal Participants:	40	
(Faculty: 27, Technical Staff: 3)		
7 th July, 2014 (Monday)	Speaker 1: Prof. Amlan Chakrabarti, Associate Professor, Dept. of CSE, CU.	Speaker 2: Prof. Nabanita Das, Professor, Indian Statistical Institute, Kolkata.
8 th July, 2014 (Tuesday)	Speaker 1: Prof. Sipra Das Bit, IEST, Shibpur, Howrah	Speaker 2: Prof. Sankhayan Choudhury, Dept. of CSE, CU.
9 th July, 2014 (Wednesday)	Speaker 1: Prof. Nabendu Chaki, Dept. of CSE, CU.	Speaker 2- Prof. Santi Prasad Maity, IEST, Shibpur, Howrah
10 th July, 2014 (Thursday)	Speaker 1: Prof. Bhabani P Sinha, Professor, ISI,Kolkata.	Speaker 2: Speaker 1- Prof. Bhabani P Sinha, Professor, ISI, Kolkata.
11 th July, 2014 (Friday)	Speaker 1- Prof. Samiran Chattopadhyay, JU, Kolkata.	Speaker 2- Prof. Tamaghna Acharya, IEST, Shibpur, Howrah
<p>Participant's Feedback Summary: All the participants were immensely pleased by attending the workshop and they found that speeches justified the title of the workshop. They specifically mentioned that most of the speeches were very informative and covering the field of Computer Networking very elaborately. They also mentioned to utilize some knowledge gathered out of this workshop in their own research field. Special praise was noted by the attendees for arrangement and the ambience of the workshop venue. And another thing that they are not satisfied about the food quality for all the five days was excellent. Total hospitality was excellent.</p>		

Student Workshops & Training:

- One week student workshop was organized from 7th of April to 11th of April 2014 and the topics on which students were provided were image processing, Android, QualNet, Advanced algorithms and data structure, multimedia and

animation, advanced operating system etc the name of the students workshop was “Frontier Technologies In Computer Science & Engineering”.

Status Report on One week Student Workshop on “Frontier Technologies in Computer Science & Engineering” Under TEQIP-II, Organized by: Department of Computer Science & Engineering, RCC Institute of Information Technology Canal South Road, Kolkata – 700 015			
Date: 7 th April 2014 to 11 th April 2014 & N317,CSE Department		Venue: 3 rd Floor, Room number N310, N316	
Total Registered Participants: 75			
Participants from CSE Dept, RCCIIT 51			
Participants from others Dept, RCCIIT 24			
7 th April, 2014 (Monday)	Speaker 1- Mr. Rajib Saha, Asst. Professor, Dept. of CSE, RCCIIT	Speaker 2- Ms. Sukla Banerjee, Asst. Professor, Dept. of CSE, RCCIIT	Handson:- Ms. Sukla Banerjee, Asst. Professor, Dept. of CSE, RCCIIT
8 th April, 2014 (Tuesday)	Speaker 1- Mr. Chinmoy Ghorai, Asst. Professor, Dept. of CSE, RCCIIT	Speaker 2-Mr. Koushik Mallick, Asst. Professor, Dept. of CSE, RCCIIT	Hands-on:- Mr. Chinmoy Ghorai, Asst. Professor, Dept. of CSE, RCCIIT
9 th April, 2014 (Wednesday)	Speaker 1- Dr. Minakshi Banerjee, Associate. Prof., Dept. of CSE, RCCIIT	Speaker 2- Mr. Pramit Ghosh, Asst. Professor, Dept. of CSE, RCCIIT	Hands-on:- Mr. Pramit Ghosh, Asst. Professor, Dept. of CSE, RCCIIT
10 th April, 2014 (Thursday)	Speaker 1- Mr. Harinandan Tunga, Asst. Professor, Dept. of CSE, RCCIIT	Speaker 2: Prof. P.K.Das Professor, Dept. of CSE, RCCIIT	Hands-on:- Prof. P.K.Das, Professor, Dept. of CSE,, RCCIIT
11 th April, 2014 (Friday)	Speaker 1- Mr. Anup Kr. Kolya, Asst. Professor, Dept. of CSE, RCCIIT	Speaker 2- Mr. Sujit Kumar Ghosh, Asst. Professor, RCCIIT,	Handson:- Mr. Sujit Kr. Ghosh, Asst. Professor, Dept. of CSE, RCCIIT
<p>Participant’s Feedback Summary:</p> <p>All the participants were immensely pleased by attending the workshop and they found that speeches justified the title of the workshop. They specifically mentioned that most of the speeches were very informative and covering the field of Computer Networking very elaborately. They also mentioned to utilize some knowledge gathered out of this workshop in their own research field. Special praise was noted by the attendees for arrangement and the ambience of the workshop venue. And another thing that they are not satisfied about the food quality for all the five days was excellent. Total hospitality was excellent.</p>			

Training

- Students were provided 2 day training on Network Simulator – QUALNET.
- Beside the above **Mainframe training conducted by a team of experts from IBM India** was also provided to the students for 5 days from 5th of July 2014 on 5 consecutive Saturdays.
- A short term Industry Driven Software Education Course was conducted by Sri Sayantan Chatterjee (Senior Alumani of RCCIIT) of Oracle from 7th to 11th July, 2014 from 10:00 AM to 5:30 pm FOR BATCH 2015 for CSE students.
- Soft Skill Training was also organized by London School of Training for Batch 2014 and 2015 at RCCIIT.

Industrial Visit

Industrial Visit

B.Tech 4th Year CSE students (batch 2015 pass out) were sent to Tech Mahindra, Hyderabad campus for 1 day industrial visit for industrial exposure along with 3 faculties of this department.

Departmental Committees

• Departmental Academic Committee

The guidelines of the Departmental Academic Committee are as-

- Chaired by HOD. The committee monitors the academic activities.
- Assess department’s functions and contribution to the goals of the Institute.
- Identify those aspects of the department that are strong and those that require more focused attention
- Assess progress toward achieving previously defined objectives
- Gain external perspective through peer/aspirant analysis and external review committee
- Evaluate strategy for meeting objectives

- vii. Develop future goals
- viii. Ensure quality of degree programs, etc.

Composition :- The Departmental Academic Committee consists of all the 13 faculty members of the department which is chaired by HOD of the department. The members of the committee are-

- 1). Mr. Harinandan Tunga, Asst Professor, HOD, CSE Department
- 2). Dr. P.K.Das, Professor of CSE Department
- 3). Dr. M.Banerjee, Associate Professor, of CSE Department
- 4). Mr. S.Banerjee, Asst Professor of CSE Department
- 5). Mr. J.Mukhopadhyay, Asst Professor of CSE Department
- 6). Mr. R.Saha, Asst Professor of CSE Department
- 7). Mr. K.Mallick, Asst Professor of CSE Department
- 8). Mr. P.Ghosh, Asst Professor of CSE Department
- 9). Sk. M.Islam, Asst Professor of CSE Department
- 10). Mr. S.K.Ghosh, Asst Professor of CSE Department
- 11). Mr. A.K.Kolya, Asst Professor of CSE Department
- 12). Mrs. M. Singh, Asst Professor of CSE Department
- 13). Ms. P.Bagchi, Asst Professor of CSE Department

• **Programme Assessment Committee**

The guidelines of the Departmental assessment committee are as-

1. Chaired by Programme Coordinator, the committee monitors the attainment of POs and PEOs.
2. Evaluates program effectiveness and proposes necessary changes for continuous improvement.
3. Prepares periodic reports records on program activities, progress status or other special reports for management key stake holders.
4. Motivates the faculty and students towards attending workshops, developing projects, working models, paper publications and records.
5. Interact with students, faculty, Programme Coordinators, Module Coordinator and outside/community agencies facilitating program educational objectives.
6. Programme Assessment Committee meets at least once in 6 months to review the programme and submits report to Department Advisory Board.

Composition: The members of the committee are-

1. Programme coordinator- Mr. Rajib Saha
2. Module coordinators- (i) Professional Core (PC) coordinator - Ms. Sukla Banerjee (ii) Open or Free Elective (O/P E) coordinator - Dr. Minakshi.Banerjee, (iii) Basic Science (BS)- Dr. Kanchan Kumar Patra (iv) Engineering Science (ES)- Dr. Alok Kole and (v) Humanities & Social Sciences- Mrs. Jhuma Roy
3. Faculty Representative- Mr. Koushik Mallick

• **Departmental Advisory Board**

The guidelines of the Departmental Advisory Board are as-

1. The Advisory Board of the Computer Science & Engineering Department shall meet twice each academic year to provide input on academics, research, administration, outreach, advocacy, and development.
2. The Board shall review the graduate and undergraduate curriculum and degree programs, program educational objectives (PEO), and program outcomes (PO), and offers suggestions for change to keep them updated.
3. The Board shall evaluate the quality and scope of our research, its relationship to our programs, its relevancy and shall help guide future directions.
4. The Board shall recommend ways to build new relationships with industry and to strengthen those we already have.

Composition: The Departmental Advisory Board members consists of-

1. Head of the Department of CSE Department- Mr. Harinandan Tunga.
2. Programme Coordinators, Dept of CSE- Mr. Rajib Saha
3. Expert from Industry- Mr. Kushal Kumar Banerjee, Sr. Consultant, TCS Kolkata & Dr. Amit Chaudhuri, Joint Director, CDAC Kolkata
4. Expert from Academic/Research Institutions - Prof.(Dr.) Aditya Bagchi, Professor in Electronics & Communication Sciences Unit, ISI Kolkata & Dr. Debranjana Sarkar, Head Computer & Informatics Div., VECC Kolkata,
5. Dean (Academic) of RCCIIT- Prof.(Dr). P.K.Das, Dean (Academic)