



MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY,
WEST BENGAL



RCC INSTITUTE OF INFORMATION TECHNOLOGY



Admission Helpline

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West Bengal



**A Unit of RCC Institute of Technology
An Autonomous Society of Department of Higher Education, Govt. of West Bengal**

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ABOUT US

RCC Institute of Information Technology (RCCIIT) was set up in 1999 by the erstwhile Regional Computer Centre (RCC), Calcutta (in JU) as a unique joint venture of NIC, Ministry of Communication & IT, Govt. of India and Dept. of Higher Education, Govt. of West Bengal. In 2003 the lead role of management of RCCIIT was transferred to the State Govt. from Govt. of India. Since then RCCIIT is the only engineering college in the State which is run by an autonomous Society (RCC Institute of Technology) formed by the State Govt. Known as one of the oldest engineering colleges in the State it now ranks within top 10 private and govt. engineering colleges. Besides 8 govt. engineering colleges established and funded by the State, RCCIIT is the only self-financing engineering college for which the Board of Management (BOM) as well as the Governing Body (BOG) are constituted directly by the State Govt. with senior officials of Higher Education Dept, Professors and Administrators of JU, WBJEEB, eminent academicians and industry persons. The State has made significant contribution in terms of land and fund for development of the institute since inception. Situated in a well connected location of mega-metro Kolkata, spread on a sprawling 4.63 acres of land leased to the college by the State Govt., it has best-in-class infrastructure and teaching-learning resources. State Govt. pay structure for the faculty (and staff) and ample scope for their research and self-development ensures their dedicated service for the students.

RCCIIT comprises 2 adjacent campuses housing 6 degree offering and 2 supporting departments catering to around 2000 students. Beautiful green and eco-friendly ambience and the culture of traditional academic practices, high ethical standard and strong teacher-student bonding create the perfect settings that help students nurture their creative endeavours while striving for excellence. There has been significant improvement every year in curricular, co-curricular, extra-curricular activities, even amidst the pandemic. RCCIIT, already known for its consistent placement record, is now experiencing the flavour of industry partnership and handholding in imparting cutting-edge skill and knowledge to the students even before they step into the final year. The institute is proud of a network of its Alumni spread across industry and academia across the country and abroad as torchbearers of the institute's success and legacy.

Though the institute has not yet featured in NIRF, it has a strong research base with considerable number of publications, patent and copyright of the faculty members. The research network is ever increasing with International Conferences on niche areas being organized every year where the faculty and scholars present their research work and get exposed to the latest developments and research problems shared by some of the internationally reputed researchers.



With a view to impart quality education in the allied non-engineering segment, the society has established another institute namely, RCCIIT (Non-AICTE) in the surplus area of the same campus and launched three UG courses BCA, B.Sc (Computer Sc.) and B.Sc (Data Science) affiliated by MAKAUT from AY 2021-22. We will be the only institute to offer B.Sc (Computer Science) under MAKAUT. With requirement of skilled non-engineering graduates increasing steadily in the industry, it is expected that these courses will be much demanded given the inherent tradition of quality education and competitive placement record of RCCIIT.

VISION

To develop RCCIT as one of the most advanced technical institutes of the State by imparting technical knowledge and skill of the highest quality through the use of state-of-the-art technological tools and thereby producing technical manpower fit for industries, research organizations and academia and by establishing the culture of interdisciplinary research and innovation (to cater to the social needs) in a congenial, inclusive and transparent work environment created by unbiased and visionary leadership and participative management.

MISSION

- To produce well trained good human beings with ethics and values, good interpersonal skill, team spirit and leadership capability and concern for the society and environment.
- To produce technical professionals with fundamental and cutting edge technological knowledge and skill, a flair for innovation and design, ability for analysis and application to meet the demands of real-life projects and challenges of research
- To select, groom and retain talented, qualified and committed faculty and staff under a fair and transparent HR policy
- To develop state-of-the-art infrastructure and learning resources for pursuing unhindered research and learning practices.
- To create congenial and inclusive work environment for all with zero tolerance on gender bias and ragging or harassment of any kind

BOARD OF GOVERNORS



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Shri Pranabesh Das
Director of Technical Education
Govt. of West Bengal



Vice Chairman
Shri Jiban Saha
Director, Rachana Apparel Pvt. Ltd.



Member Secretary
Prof. (Dr.) Anirban Mukherjee
Principal (Officiating), RCCIIT



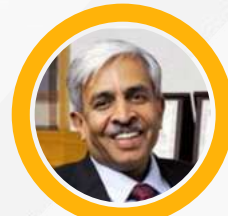
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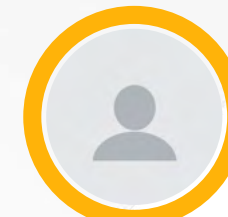
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Global AMS PM & T Development Lead
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Smt. Sampa Guha
W.B.A & AS, Deputy Financial Advisor
Govt. of West Bengal



Member
Prof. Ashoke Mondal
Professor & HOD (ECE), RCCIIT



Member
Mr. Soumen Mukherjee
Assistant Professor (CA), RCCIIT

RCCIIT IS NOT ONLY KNOWN FOR GOOD ACADEMIC PRACTICE AND COMPETITIVE PLACEMENT, IT IS ALSO AN INSTITUTE WITH VALUES.

CHAIRMAN'S MESSAGE

It is an immense pleasure for me to assume the position of Chairman of the Governing Body of the RCC Institute of Information Technology (RCCIIT) since 2020. Having associated with the Directorate of Technical Education, Govt. of West Bengal since long back and as present Director of Technical Education, Govt. of West Bengal, I have closely watched the genesis of the institution from erstwhile Regional Computer Center (RCC) in JU to its present form – the rich tradition of imparting quality education in IT and allied field and catering to the industry need of quality technical manpower continues as before.

Having started its journey in 1999 with the vision of developing RCCIIT into a Centre of Excellence, the State Govt. in Higher Education Department took overall responsibility of the institute in 2005 through formation of the Society, the Board of Management as well as the Board of Governors of this prestigious institution.

With active support of the State Govt. the Institute was selected for the World Bank-MHRD funded project TEQIP-II in 2011 and has since then made significant progress as far as Teaching-Learning standard and Research culture are concerned. It can now boast of having one of the best academic infrastructures in terms of ICT tools and facilities, Labs, Learning resource and Teaching resource and ambience when compared with other best colleges in the state. RCCIIT is not only known for good academic practice and competitive placement, it is also an Institute with values. It takes care of its staff and students based on the values of humanism and compassion. It provides opportunities beyond academics to help students achieve their full potential as a socially responsible citizen. Being a self-financing Institute of unique origin and nature, it follows all relevant govt. rules including that for pay of its teaching and non-teaching staff with absolute transparency and equity in policy.



Shri Pranabesh Das

**Director, Technical Education, Govt. of West Bengal
and Chairman. BOG, RCCIIT**

Having two of its existing programs already accredited by the NBA, I am sure the Institution will march forward with NBA accreditation of rest of the programs and NAAC accreditation in near future.

NIRF ranking and active partnership with core and IT industries are two of the major goals that the Institute is pursuing. I sincerely believe that with the effort put in by the management, teachers, staff and students and the potential it has, the Institute will overcome all its difficulties to achieve excellence in the global field of professional technical education.

Let me take this opportunity to convey my all good wishes to all the students and staff of this Institution.



EMPHASIS IS GIVEN TO THE CODING SKILLS OF THE STUDENTS BY ARRANGING SPECIAL CODING CLASS RIGHT FROM 1ST YEAR ACROSS ALL DISCIPLINES

P RINCIPAL'S MESSAGE

At the onset my best wishes and warm regards to one and all!!

I feel proud to have been associated with the Institute in various capacities since its inception, including my present stint as Principal (Officiating). With more than two decades of experience of imparting technical education, the Institute has now grown in number and volume in terms of faculty, infrastructure, students and activities. The processes and outcome have become more mature, the presence has become more far-reaching through collaborations and Alumni.

While academic discipline is important for the students to score consistently good in the semesters, it is equally important to explore and learn technology beyond the syllabus. They must acquire knowledge/skill/certification on different emerging domains like AI, ML, IOT, Cyber Security, Data Science, Cloud Computing, Big Data etc. through projects, internships, online certificate courses of Swayam/NPTEL/Coursera/NASSCOM to make themselves industry-fit and readily employable. With the active guidance of Swayam Local Chapter of RCCIIT, record number of our students have done certifications, even in the pandemic situation.

Three industry- sponsored learning programs namely, TCS NQT, Cognizant Digital Nurture and Wirpo Talent Next are running presently in RCCIIT with focus on preparing the pre-final year students for upcoming placement in final year. Emphasis is given to the coding skills of the students by arranging special coding class right from 1st year across all disciplines.



Prof. Anirban Mukherjee

Principal (Officiating) and Professor, IT

A culture of coding and technology learning is gradually setting in, which can very well be projected as the USP of RCCIIT. Students are also participating in great numbers with a good strike rate in national level industry-organized coding competitions like TCS CodeVita, TCS NQT, InfyTQ, HackwithInfy, GenC etc.

Besides having academic collaborations with some Institutes/ Universities of repute, we are always keen to develop partnership with core industry so that our students and faculty gets industry-exposure through training, internship, project, R&D while industry gets job-ready engineers. Recent MoUs with couple of electrical and instrumentation companies mark the beginning of industry involvement in shaping the future of the Institute.

Planned approach is taken up also for escalating Research & Innovation, Social Outreach & Entrepreneurship endeavours which can play instrumental role in accreditations and institute ranking.

I hope this prospectus brings out the highlights of the facts and figures and the whole gamut of activities and achievements of the Institute.



COURSES OFFERED

(MAKAUT, WB)

UNDER GRADUATE PROGRAMS

AICTE Courses (4 years):

B.Tech Computer Science & Engg. (intake 120)

B.Tech Information Technology (intake 120)

B.Tech Electronics & Communication Engg. (intake 120)

B.Tech Electrical Engg. (intake 60)

Non-AICTE Courses (4 years):

BCA (intake 60)

B.Sc Computer Science (intake 60)

POST GRADUATE PROGRAMS

AICTE Courses (2 years):

M.Tech Computer Science & Engg. (intake 18)

M.Tech M.Tech Computer Science & Engg. (AI) (intake 18)

M.Tech Microelectronics & VLSI Technology (intake 18)

MCA (intake 60)

The non-AICTE courses **BCA** and **B.Sc** are introduced this year by RCCIIT (Non-AICTE) under affiliation of MAKAUT going by the huge demand of industry. This is the **only college to offer B.Sc (Computer Science)** under MAKAUT.

Admission

Admissions to 90% of the seats in the B. Tech courses are through the **West Bengal Joint Entrance Examination (WBJEE)** while 10% of the seats are filled through **JEE (Main)**.

Additional **5%** seats are allotted in **Tuition Fee Waver (TFW)** quota as per AICTE norms. Additional 10% students get admitted at 2nd Yr. level (lateral entry) through **JELET**. **100%** seats in MCA program are filled up through the **Joint Entrance for Computer Application (JECA)**. In each category of admission **22%** seats are reserved for SC candidates. The qualifying exams for admission to **M.Tech courses** are **GATE** and also **PGET** conducted by MAKAUT. Admission to **Non-AICTE courses** is through **Common Entrance Test (CET)** conducted by MAKAUT. Admission through decentralized counselling is done for vacant seats only after centralized counselling in each category,

B.Tech IT and B.Tech EE programs are currently **NBA accredited** and B.Tech CSE, ECE and MCA are likely to get accreditation by 2022. The institute is also going for NAAC accreditation in 2021 itself.





DEPARTMENT OF INFORMATION TECHNOLOGY

ABOUT THE DEPARTMENT

The Department of Information Technology (IT) is one of the two hoariest departments of RCCIIT. Department currently offer one under graduate program (**B. Tech. in IT**) and one post graduate program (**M. Tech. in CSE - Artificial Intelligence and Machine Learning**). It started functioning in 1999 with an AICTE approved B. Tech-IT program and later on introduced M.Tech from 2012. B. Tech-IT program initially started with 60 intake which was enhanced to 90 in 2010 and further converted to 120 in 2017. Intake in M. Tech. program is 18. B. Tech-IT program of this department is **accredited by NBA since 2016**. Department maintains a right blend of experienced and young faculty members. At present there is one Professor, 3 Associate Professors and 13 Assistant Professors. Six faculty members have PhD and some more are going to complete their PhD in current academic year. Infrastructure of IT department is quite rich and maintains state-of-the-art facilities over the years. All the labs and classrooms are fully equipped with ICT facilities to promote blended learning concept.

Department takes adequate initiative to groom and nurture students with different learning abilities to prepare them at same level. IT department regularly arranges International Conference since 2014. **IEEE International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN)** was organized in consecutive four years from 2015 to 2018. International Conference on **Research and Applications in Artificial Intelligence (RAAI)** has been initiated from 2020. Many international delegates and fellow of IEEE have visited this department and delivered lectures for faculty members and students. Prof. Kalyanmoy Deb, Prof. Sanaz Mostaghim, Prof. Saman K. Halgamage, Prof. Pierre-Yves Oudeyer, Prof. Susmita Mitra are to name a few of them. Consistent outreach and collaborative activities of the department faculty members have contributed to the Institute's reputation in India and abroad.



HIGHLIGHTS

- The State-of-the-art infrastructure and rich faculty base
- Focused expertise and outcome-based teaching learning method in core courses like Programming for Problem Solving, Data Structure & Algorithms, DBMS, Computer Networks, Operating System, Software Engineering, Design & Analysis of Algorithms and elective courses like Artificial Intelligence, Soft Computing, Image Processing, Pattern Recognition, Parallel & Distributed Algorithms, Machine Learning, Cloud Computing, Cyber Law & Network Security.
- Students are actively involved in internships from the beginning of third semester to pursue different project works on topics of interest. This helps them to gain deep insight on the practical applications of the theoretical concepts. They also participate in several national level hackathons and have won accolades.
- Department actively conducts many student-centric activities through its professional and internal student units/chapters to perform year-long activities.
- Special focused student trainings are organized on Machine learning, Python, R, Data science, Cloud computing and Cyber security. Nowadays most of these are done through MOOCS platform like NPTEL, Coursera, edX.
- Biswajit Bakshi, M. Tech IT, was PG 2nd Topper and Silver Medalist in MAKAUT in 2017-18



DEPARTMENT OF INFORMATION TECHNOLOGY

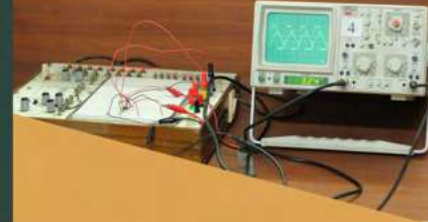
HIGHER STUDIES & PLACEMENT

- IT students are recruited under different categories like Specialist Programmer, Systems Engineer Specialist, Developer, GENC Next, Junior Associate, Ninja, Digital Cadre (Codevita/NQT), Graduate Engineer Trainee, Software Engineer-Fresher, Student Success Specialist, Business Development Trainee – Sales. Average offered package ranges between 3.36 LPA– 10 LPA. Highest and Avg. package of Job offered to students last time 10 LPA and 4.5 LPA respectively.
- Prime recruiters are Infosys, CTS, TCS, Unified Infotech, Hexaware Technologies, BYJU'S, PWC, Capgemini, Wipro, and IBM India.
- Students have pursued higher studies in reputed foreign Institutes like Univ. of Buffalo, Univ. of Utah, Texas Tech. Univ., Univ. of Illinois, Western Univ. London and many more; some have joined IITs, IIMs, IEST and NITs in India.

RESEARCH

Research areas of IT faculty includes Soft Computing, Wireless, AdHoc and Sensor Network, Image Processing, Pattern recognition, Quantum Theory, Data Mining, Cloud Computing, Bioinformatics. The publication list (2015-21) includes:

- **47** journal papers,
- **12** books and 57 book chapters,
- **60** International conference papers .
- **8 Patents** and **7 Copyrights**
- **18** student publications.



LABORATORIES

- Computer Laboratories (total 140 desktops)
 - Programming lab (Dennis Ritchie Lab)
 - Networking and DBMS lab (Vint Cerf Lab)
 - Application development, OS, e-Commerce labs (Tim Berners Lee Lab)
 - Linux lab (Linus Torvalds Lab)
- M. Tech. Computer Laboratory (18 desktops and 2 Deep learning work station)
 - PG and Research lab (Alan Turing Lab)
- Electronics & Hardware Laboratory
 - Digital Electronics and Computer Organization (Thomas Alva Edison Lab)
- Shared Laboratories
 - Chemistry Lab, Physics Lab, Mechanical Workshop and Drawing Lab (First Year)
 - Electrical Engineering lab
 - Language Lab
 - Central Computing Lab





DEPARTMENT OF

COMPUTER SCIENCE & ENGINEERING

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering (CSE) was formed in 1999. The Department started its journey with an intake of 60 for UG program **B.Tech in CSE** approved by AICTE. The intake was enhanced to 90 in 2010 and further converted to 120 in 2017. The post graduate program **M.Tech in CSE** was introduced in 2012. The B.Tech-CSE program is one of the most sought after programs of the Institute, one of the reasons being consistently high rate of placement of CSE students through campus interview. Besides large number of students being placed in **TCS, Cognizant, Wipro, Infosys and Capgemini**, CSE alumni of RCCIIT are working in **Google, Microsoft, Amazon and IBM**. The PG program also draws some of the bright academic minds; some of them have recorded top positions in University.

The B.Tech-CSE program first **got NBA accreditation in 2016 for 3 years**. Since then the department adheres to the outcome based education with CO, PO attainment monitored regularly and accordingly improvement on the overall outcome is continuously pursued. There is Departmental Academic Committee (DAC) comprising of all faculty members to look after the regular teaching-learning process while the Departmental Advisory Board (DAB), comprising of external members from industry (e.g. **TCS**) and research institute (e.g. **ISI**), guides the department on pedagogical reform, faculty up-gradation, project & research activities etc. B.Tech students are actively involved in doing project/internship/certificate courses and many extra-curricular and co-curricular activities that help in development of practical skills, values and professionalism which they should carry forward in their future career.



HIGHLIGHTS

- Has 1 Professor, 2 Assoc. Professors, 17 Asst. Professors
- Focus is on modern trends like AI, Machine Learning, Big Data, Cyber Security
- Elective subjects includes Distributed Algorithms, Data Mining, Human Computer Interaction, Pattern Recognition, Image Processing
- Industry visit of 3rd year students to IT Industry and Internship under Internshala
- Lectures organized by eminent speakers from industry and academia.
- Has IE (I) and ACM student Chapter
- Specialized training to improve aptitude, coding and soft skill of students.
- Several research publication and patent filed jointly by students and faculty members
- Arpita Basak, B.Tech CSE, was UG Topper and Gold Medalist in MAKAUT in 2019-20
- Atanu Mukherjee, M.Tech CSE, was PG 2nd Topper and Silver Medalist in MAKAUT in 2017-18

DEPARTMENT OF

COMPUTER SCIENCE & ENGINEERING

HIGHER STUDIES & PLACEMENT

- Around 10% students opt for higher study through GATE and GRE
- CSE students got placed In Oracle, Intel, Infosys, TCS, Cognizant, Sigmoid, Ericson, IBM and in many other companies
- More than 80% eligible students already placed from 2021 batch. Highest package is 11 LPA and Avg. package is above 4LPA
- Students are doing their final year projects under collaborative guidance of Professors from Jadavpur University, ISI , IEST and experts from industries like IBM and TCS .

RESEARCH

Research areas of faculty includes Image Processing, Pattern Recognition , Big Data, Machine Learning , Biomedical image processing, Social Network, Graph theory etc..

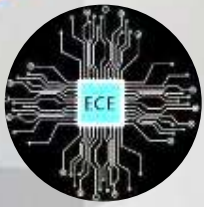
- No. of research publications of faculty including books/book chapter authored for last academic year is **37**
- Ongoing funded research projects: **1** (BRNS, Govt. of India)
- No. of student publications: **20**

LABORATORIES

Total 204 desktops and 6 high end machines for big data and machine learning

- Computer Networking Lab
- Computer Programming Lab
- Computer System (OS + DBMS) Lab
- Digital Electronics & Computer Organization Lab
- Computer Architecture & Embedded System Lab
- Project Lab
- PG IoT Lab
- Machine Learning Lab
- Shared First Year Labs, Language Lab and Central Computing Lab





DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ABOUT THE DEPARTMENT



Department of Electronics and Communication Engineering is successfully running since 2006 with an intake of 60 seats of B.Tech-ECE program. In 2010 intake of **B.Tech-ECE** was increased to 120. From 2012 the department also started 2 years full-time PG program in Tele Communication with 18 intake to make a significant contribution in the field of higher studies. From 2020 the PG program is renamed as **M.Tech-Microelectronics and VLSI Technology** in keeping with the trend of market demand.

The department has many laboratories including the highly sophisticated Anechoic Chamber that is suitable for industry-standard research and also rated best-in-class compared to those generally available and expected at UG/PG level of engineering.

The department organizes seminars, development programs, and workshops for faculties, staffs and students to support their holistic development. A pool of **21 competent faculty member** of the department constantly motivates the students to get established by means of standard job in industry, research and higher studies in reputed institutes in India and abroad; the outcome is reflected in the achievement of the students.

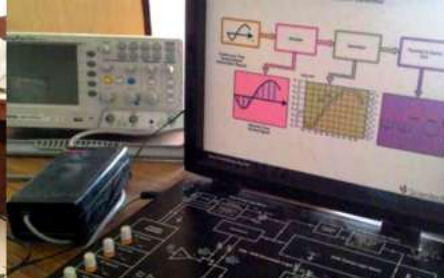
The **Swayam Local Chapter** of the institute is managed by faculty of ECE department and with a constant effort by the Chapter, it has ensured a record number of student certifications of **NPTEL/Swayam/Coursera** even during the pandemic period.

The Department is also involved actively in the frontier research, corroborated by a significant number of research papers in various national and international journals and conferences. Students are also motivated to write papers at UG level and guided to develop innovative projects that have earned many accolades.

HIGHLIGHTS

- Has 1 Professor, 1 Associate Professors, 19 Assistant Professors; 8 faculties have PhD in Engineering
- Focus is on core subjects like Analog Electronics, Digital Electronics, Communication Engineering, Signal Processing and VLSI.
- Elective subjects are offered in emerging areas like Image & video Processing, Machine Learning, Embedded Systems, Internet of Things (IoT)
- Organized 2 Conferences; regular lectures are organized on state-of-the-art technologies by eminent speakers from academia and industry for faculty as well as for students.
- Organized more than 30 events in last 4 years under the Institution of Engineers (India) Student Chapter.
- Has a strong Alumni base in leading industries including Google, Intel, Amazon, Oracle. Alumni talk is regularly arranged for the students
- ECE students received 3rd prize (All India Level) in Big Dream Championship, Internshala in 2019; students also received 3rd prize in IETE Zonal Seminar & ISF Congress: Innovation Meet.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



HIGHER STUDIES & PLACEMENT

- ECE students get placement in top MNCs like TCS, Cognizant, Wipro, PWC, Capgemini, Indus Net, Ericsson Accenture, Tech Mahindra etc.
- Most of the IT students does internship at different organizations under Internshala (AICTE acknowledged). Students are also doing internship at PWC, PRM FINCON, Exavalue India Pvt. Limited etc.
- Many ECE students have pursued higher studies in different IITs, IIMs and other institutes abroad like University of Florida, North Dakota State University, Arizona State University,
- ECE has a strong Alumni network. Department organize regular interaction between alumni and current students.

RESEARCH

Faculties are engaged in research in diversified areas like: Semiconductor, Nanostructure and Photonics, Soft Computing and Machine Learning, Audio and Speech Processing, Wireless Communication, Antenna and Microwave Engineering, Internet of Things, Image and data Processing etc.

- Total No. of Publication: **350** (Approx.) including conference papers, journal papers, book chapters and books
- **3 patents** filed by faculty and **1** by students
- More than **80** student publications.

LABORATORIES

- Basic Electronics Lab
- Antenna & Microwave Lab
- Advanced Communication Engineering Lab
- Analog Electronics & Design Lab
- Digital Electronics & Microprocessor Lab
- Communication Engineering Lab
- Device & Circuit Simulation Lab
- Computing, Control & Signal Processing Lab
- VLSI & Embedded System Lab
- Project Lab
- Anechoic chamber
- Programming Lab
- Shared First Year Labs, Language Lab and Central Computing Lab





DEPARTMENT OF ELECTRICAL ENGINEERING

ABOUT THE DEPARTMENT

The Department of Electrical Engineering started its journey in the year 2009 and the first batch of students graduated in the year 2013. **It is accredited by National Board of Accreditation (NBA) since 2016.** The department offers one undergraduate program in Electrical Engineering, **B.Tech-EE**, the intake of which is 60. The program imparts liberal, innovative and quality education to the undergraduates and imparts well understanding of the subject Electrical Engineering and its allied fields.

The department maintains excellent infrastructure and laboratory facilities comparable to some of the best institutes of the State. The major strength of the department is a team of well qualified and dedicated faculty who are continuously supporting the students for their academic excellence. Apart from the academics, students are also encouraged for different extra-curricular activities like sports, quizzes, seminars, workshops etc.

The department is committed to work for overall growth and success of the students and constantly striving to maintain the quality standards and features which are required and acceptable by the Industry, society and institutes of higher education/research. Students of EE achieve University top positions, secure good rank in different national and international level exams like **GATE, GRE, TOEFL, CAT** etc. Every year a quite a considerable number of students take admission in IITs and NITs for pursuing Masters.

Many EE alumni are working in top level core and IT companies in India and abroad, occupying prestigious positions. Department has good network with alumni who are invited through **Connect to Alumni** initiative to inspire and guide the junior students.



HIGHLIGHTS

- Has 1 Professor, 3 Associate Professors and 5 Assistant Professors
- Core engineering subjects include Electrical Machines, Power Systems, Power Electronics, Control Systems
- Elective & emerging area subjects include Renewable and Non-Conventional Energy, Electrical and Hybrid Vehicle, Power Quality and FACTS, Digital Control Systems. AI & Soft Computing , VLSI & Micro Electronics
- Industry visit organized for 3rd year students at Vizag Steel Plant, Geetanjali Solar Ent, KTHP, TSL, TIL, Eveready India., Orient Electric Ltd., Berger India
- Industry Collaboration: Landis & Gyr Ltd., Geetanjali Solar Ent., NORD Drive Systems
- Organized International Conference - ICICPI-2016, FDP- PEEVSG-2019, Webinar - Machine Learning & IoT and Lecture by eminent speakers
- Has Student Chapters of IEEE and IE(I)
- EE students got to final rounds of Smart India Hackathon-2020 and Bengalathon-2019





DEPARTMENT OF ELECTRICAL ENGINEERING

HIGHER STUDIES & PLACEMENT

- EE students are placed in Core Engineering as Assistant Engr, Engr-Design, Production Engr, Automation Engr, Marketing Engr and in IT sector as Assistant System Engr, Developer, Analyst, Junior Associates etc.
- Some of the companies where EE students got placed are: Deloitte India, WBSEDCL, Hinduja Global Service, Zicom Electronic, Capgemini, TCS, CTS, IBM, Infosys, Tech Mahindra and SCOPE T&M. Avg. package is 4.0-4.5 LPA
- EE students get Internships in companies like Landis & Gyr, CESC Ltd. DVC (Mejia, Raghunathpur), DSTPS, Chittaranjan Loco, WBSETCL, WBSEDCL, Indian Railway and IOC Haldia.
- Good trend of EE students opting for Higher Studies in Institutes like IESTS, JU, IIT(Mumbai, Delhi), IIT(ISM), CU, NIBM (Pune), BIMM (Pune), NIT (Rourkela)

RESEARCH

Faculty research area includes Power Systems, Nonlinear & Robust Control, Power Electronics, Machine Learning & AI, Renewable Energy & Micro Grid, IoT & Smart Grid.

Research Publications (05 Yrs): **48**

Student Publications: **07**

LABORATORIES

- Basic Electrical Engineering Lab
- Circuit Theory & Network Lab
- Electrical & Electronics Measurement Lab
- Analog & Digital Electronics Lab
- Thermal Power Engineering Lab
- Electrical Machine-I & II Lab
- Power Systems-I & II Lab
- Computer Lab
- Control Systems Simulation & Hardware Lab
- Power Electronics & Electrical Drives Lab
- Microprocessor & Microcontroller Lab
- Electrical System Design Lab
- Advance Research Lab
- IoT Enabled Lab
- Project Labs (equipped with LABview, Solar-Wind Hybrid System, dSpace Microlabbox, ETAP, PLC & SCADA)
- Shared First Year Labs, Language Lab and Central Computing Lab





DEPARTMENT OF APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING

ABOUT THE DEPARTMENT

The Department of Applied Electronics and Instrumentation Engineering is the youngest department of the institute. It started its journey in 2010 and the first batch of students of **B.Tech-AEIE** graduated in the year 2014. The present intake of the Department is 30.

The scope of this discipline is vast and is fast growing particularly due to the boom in automation in various industries. The AEIE students learn to program microprocessors & microcontrollers for different applications and also learn implementation of communication networks composed of **sensors, actuators, Programmable Logic Controllers (PLC) and Distributed Control System (DCS)**. The curriculum also encompasses various specialized fields such as biomedical & analytical instrumentation, electrical & electronic measurement etc.

The department has qualified and experienced faculty members who encourage and guide students for more hands-on work in labs leading to interesting projects. The lab facility is very good for UG level and some labs are even suitable for industry-level research.

The students get a congenial atmosphere in the department to participate in different inter-college events and competitions, Photography club, Science & Technology Club, **Student Chapter of Robotics Society, Coding Club, Rotaract Club**, cultural and sports activity etc. which helps to build their personality and skill which is essential for their future respect.



HIGHLIGHTS

- The curriculum includes courses on the design and development of various analog and digital electronic devices used for measurement, monitoring, recording and control of several parameters such as flow, pressure, temperature, moisture, level, etc. and the calibration of such instruments.
- Also includes specialized courses on Signal Processing, Control Theory, Intelligent Control such as Fuzzy Control and Neural Networks, AI etc.
- Took lead role in signing MoU with Univ. of Dhaka, Bangladesh and GIET University, Gunupur, India.
- Organized IEEE International Conference (ICICPI-2016); Another Conference Springer-ICI2C-2021 to be organized in August 2021.
- Organized FDP/SDP/Student Workshop/Camp on Entrepreneurship
- Active Student Chapter of The Robotics Society (India)
- Ongoing Project sponsored by Institution of Engineers India



DEPARTMENT OF

APPLIED ELECTRONICS & INSTRUMENTATION

ENGINEERING

HIGHER STUDIES & PLACEMENT

- AEIE students got placed in:
 - Core companies: LocoPilot-Eastern Railway, TNGCL(GAIL INDIA LTD CGD), West Bengal State Electricity Transmission Company, Kongsberg Gruppen, Johnson Controls, ABB, Autodesk, Honeywell, Rajdeep Info Techno, Armatrics Applications, Fire & Safety, PSA Avtec Powertrain, Thermax, Kone Elevator India, Interglobe Aviation, Linde India, Imperial Biotek, Armatrics Applications, Stewart and Mackertich, 3rd.Life (Globsyn), CastleBay Infotech, Extramarks Education, Trivitron Healthcare, Environnement S.A. India, Siemens
 - Software Companies: Amazon, Accenture, Capgemini, Cognizant, TCS, Tech Mahindra, Infosys, Addy Digital Analytics, Mindtree, Openreach (British Telecommunications), Nortek Security and Control, NTT Netmagic, PWC
- AEIE students got opportunity for Higher Studies at: IIM, NITTTR, CU, IEST, CSIR Lab, JU,USA, Germany, France, Canada

RESEARCH

Faculty Research area includes IoT, Robotics & Mechatronics, AI, Machine Learning, Soft Computing, Process Plant Automation, Real Time Control Systems Design, Controller Design for Unmanned Aerial Vehicle (UAV), Biomedical Signal Processing, Sensor Design, Smart Actuators

LABORATORIES

- Process Control Lab
- Sensors and Transducers Lab
- Digital Electronic Circuits Lab
- Industrial Instrumentation Lab
- Advanced Microprocessors & Microcontrollers Lab
- Circuit Theory and Networks Lab
- Control Engineering Lab
- Electronic Instrumentation and Measurement Lab
- Telemetry and Remote Control Lab
- Instrumentation and Control Design Lab
- Microprocessor Lab

AEIE Advanced Laboratory Facilities includes:

- DCS Based Instrumentation system with SCADA Software
- PLC trainer Kit (Micro- logix1400) & FPGA Board (Zynq 7000)
- Bio medical signal acquisition and telemetry system
- Real time DAQ system
- Internet of Things (IoT) system – (Intel Galileo Board, Raspberry Pi 3b+ model)
- Spectrum Analyzer with RF Power sensor
- Unmanned Aerial Vehicle with camera module (Drone)





DEPARTMENT OF COMPUTER APPLICATION

ABOUT THE DEPARTMENT



The Computer Application (CA) Department of RCCIIT started its journey in the year 2000 and it is one of the oldest departments of the college. It has earned a good reputation in the community through the quality of the Post Graduate program **Masters in Computer Application (MCA)** offered by the department. The intake in MCA as per AICTE approval is 60. After JU and IEST students have always opted for the MCA program in RCCIIT. From academic year 2020-2021 the MCA course tenure has been reduced to 2 years from earlier version of 3 year's program. A **bridge course is offered** to the graduates admitted in the program from a non-IT/CA background.

The department of CA has dedicated, experienced and qualified faculty members, who not only facilitate the students in their studies and extracurricular activities, but also guide them to acquire industry oriented knowledge through projects and internship in software companies. **Special training programs and workshops on in-demand technologies** are organized separately for the MCA students to make them ready for industry.

A large number of Alumni of this department are working in responsible positions of different IT companies ranging from start-ups to MNCs like IBM, Accenture, TCS. Being postgraduates with an academic mindset some of the students have a tendency to join academics and pursue higher studies like ME, M. Tech, MBA and PhD in IITs, ISIs, IISCs, IIMs and different Universities in India and abroad.

Faculty of the department not only arranges internship and even placement for the MCA students but also heads the institutional Training & Placement Cell. The CA faculty has also taken the primary responsibility of coordinating the non-AICTE courses **BCA, B.Sc (Comp Science) and B.Sc (Data Science)** offered by RCIIIT (Non-AICTE) Unit.

HIGHLIGHTS

- Has implemented well-balanced lesson plan, lab manual and assessment rubrics.
- Proactively arranges industry oriented training, internship and placement.
- Regularly organizes FDPs/SDPs/Seminars for faculty and technical staff
- Organizes students' Workshops on emerging technologies and tools e.g. like Mobile & Web Technology, Android programming, Python, Data Analytics etc.
- Sagarika Chanani (MCA 2016-2019) was placed in 3rd position in University
- Priyojit Pal, Rajesh De, Sagarika Chanani and Sweta Jaiswal (MCA 2016-2019) placed their name in Wall of Fame as Part-2 & Part-3 finishers in IBM Master the Mainframe-2017
- Prince Dey (2016-2019) was winner from Asia-Pacific region of 13th instance of IBM Master the Mainframe, 2017
- Kamalendu Das, Pariplab Pal and Somnath Sardar (MCA 2016-2019) placed their name in Wall of Fame 2018 as Part-2 finishers in IBM Master the Mainframe-2018
- Prince Dey, Amit Saha and Anubhab Mondal (MCA 2016-19) won IBM Hack Challenge 2018-A Mega Hackathon



DEPARTMENT OF COMPUTER APPLICATION

HIGHER STUDIES & PLACEMENT

- MCA students got placed in following job roles:
 - Trainee Engineer, Assistant Software Engineer, Junior Software Developer, Trainee Developer, Assistant System Engineer, Software Engineer Fresher in following companies:
 - TCS, IBM, Cognizant, GlobalIDs, Infosys, L & T Infotech, NRI Fintech, ITC Infotech, Sedin Technologies, Atos, Mphasis, Lexplosion, Techwishes, Tectes, ChikPea India, Innofied Solutions, Wipro Technologies, Keeves Technologies, Force Ten Technologies, The Core Technologies, Meditab Software (India)
 - Highest package offered 4 LPA
- MCA students got internship opportunity in:
 - OPA Technology Solutions, Stellablue Interactive Services, Exavalu Solutions India, Shield Watch / Concertium, Techwishes among others



RESEARCH

- The research area of the faculty includes Image Processing, Machine Learning, Video Processing, E-learning, Data Mining and IoT
- Research publication includes **100+** Journal & Conference paper, **40+** Contributed Books and **20+** Book Chapters; this includes papers published by students

LABORATORIES

- Computer Labs
 - DBMS Lab
 - Programming Lab
 - Software Application Lab
 - Shared Central Computing Lab, Language Lab



CENTRAL LIBRARY

The Institute has a well-equipped Central Library fully automated through the LIBSYS Library Management System including OPAC (Online Public Access Catalogue).

It has a rich pool of text and reference books, e-books, conference proceedings, periodicals, journals, thesis/dissertation, project reports etc. Presently total collection of the Library includes -

•Books: 34000+ •Titles: 5000+ •Book Bank Books: 5000+ •Journals: 65 National/International printed + online

Bar-coded Library cards are issued from the Library to the first year students which are valid till they pass out from the Institute. Passed out students can use reference section of the library. Costly reference books and new editions of text books are continuously added upon requisition from faculty members.

The library also has the facility of Book Bank by which student can avail 2 to 4 (depending on the year and semester) books for the entire semester in addition to 3 books through normal library facility. Even during the pandemic, students have been issued books maintaining COVID norms.

DIGITAL LIBRARY

There is a separate Digital Library section which is in the form of Institutional Repository (<http://172.20.15.199:8080/jspui>) that can be accessed through intranet. It uses Dspace and Metadata standards to ensure all documents are more searchable in intranet and takes care to archive all works of students and faculty for future reference. All online resources under subscription and following resources can be accessed from Digital Library.

- Faculty publication
- PhD/Dissertation thesis
- Previous year's University question papers
- Lecture notes
- New arrival (books) alert
- National Digital Library (NDL) resource
- NPTEL/MOOC /Swayam (online course materials)
- eThesis (through e-Shodhgangotri & e-Shodhganga)



ONLINE RESOURCES UNDER SUBSCRIPTION

- Oxford and Wiley ebooks (25 titles)
- Around 130 online journals under IEEE - ASPP (www.ieeexplore.ieee.org)
- Scopus Indexed journals through eShodhsindhu
- British Council Library (BCL) Resource (more than 85,000 e-books and 7,000 e-journals)
- DELNET* Resource



ACADEMIC COLLABORATION

- MoU with **Cambridge Marketing College (CMC), UK** for certification and promotion of Digital Marketing
- MoU with **Arizona State University (ASU), USA** for research and project
- MoU with Faculty of Engineering & Technology, **University of Dhaka, Bangladesh** for research and academic exchange
- MoU with **Nottingham University, UK** for student exchange in higher education
- MoU with **Technical University of Ostrava, Czech Republic** for research and academic exchange
- MoU with **Cambridge English Language Assessment, Cambridge University, UK** for promotion of teaching-learning in English and certification programs
- MoU with **Dudley College, UK** for education leadership development programs
- MoU with **GIET University, Gunupur** for research and academic exchange



CAMBRIDGE ENGLISH
Language Assessment
Part of the University of Cambridge

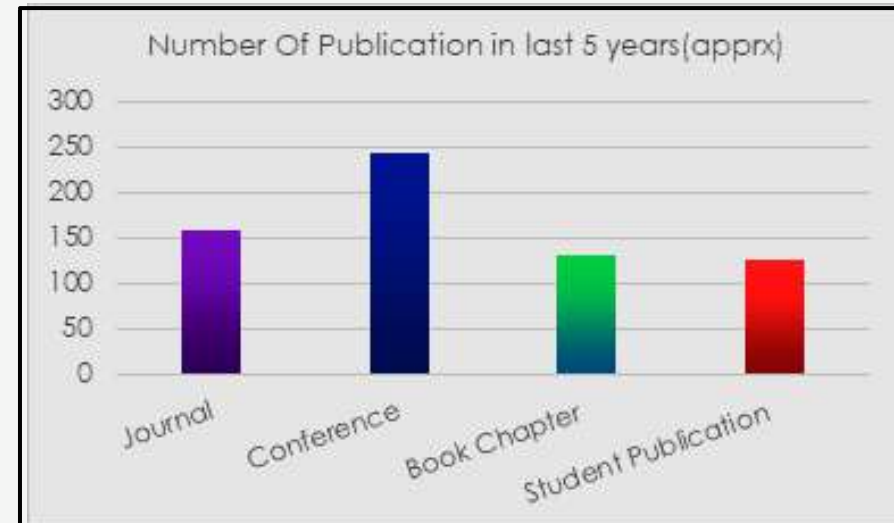


INSTITUTIONAL RESEARCH COMMITTEE (IRC)

Senior Professors and Associate Professors from all department of the institute are members of the committee. The objectives and functions of IRC are:

- To monitor and enhance research activity of the institution in terms of research publications and paper presentations, funded R&D projects and consultancy, patent & copyright, organizing conferences etc.
- To stimulate and enhance the research ability of students having the potential/aptitude for innovative research by providing them the required platform and technical support by:
 - organizing poster/paper presentation, model/prototype competition
 - setting up guideline for PG and UG project to encourage students to work on innovative research problems
- To encourage faculty to involve students in their research/projects and jointly publish papers (mandatorily for M.Tech students); also encourage M.Tech students to enroll for PhD under guidance of in-house faculty
- To organize lectures by eminent researchers/academicians/industry person to interact with the faculty and students
- To Initiate and co-ordinate tie-up with reputed institutions and industries, corporate houses, for collaborative research in niche areas towards fulfilling the overall objective of enhancing the quality and outcome of teaching/learning and research

Total PhD faculty: 32
Total no of PhD Scholars under faculty: 20
Total Patent Published : 10
Total Patent Granted : 03
Total Copyright : 07
Total no of Students in Higher Study from 2016-17 to 2019-20: 71
Total International Conference organized : 10
Total National Conference organized : 02



LABORATORY FACILITY FOR PG AND RESEARCH

- Computer Architecture and Embedded System Lab (CSE)
- IOT Lab (CSE)
- BOSS Computer System Lab (CSE)
- PG & Research Lab (IT)
- Microwave Anechoic Chamber (ECE)
- APJ Abdul Kalam Research Laboratory (EE)
- Hybrid PV & Wind Generation System (EE)
- Process Control Lab (AEIE)
- Sensors and Transducers Lab(AEIE)

**IEEE COMPUTATIONAL INTELLIGENCE SOCIETY
DISTINGUISHED LECTURER PROGRAMS - IEEE CIS
DLP BY EMINENT IEEE FELLOWS**



**EVOLUTIONARY MANY OBJECTIVE OPTIMIZATION
(NOVEMBER 2015)**

**BY PROF. HISAO ISHIBUCHI, FIEEE, CHAIR
PROFESSOR, OSAKA PREFECTURE UNIVERSITY,
JAPAN**



**UNSUPERVISED DEEP LEARNING MEETS
BIOINFORMATICS AND NEURAL ENGINEERING
(MAY 2019)**

**BY PROF. SAMAN K. HALGAMUGE, FIEEE,
PROFESSOR OF ENGINEERING, UNIVERSITY OF
MELBOURNE, AUSTRALIA**



**RECENT ADVANCES IN SWARM INTELLIGENCE AND
SWARM ROBOTICS (NOVEMBER 2020)**

**BY PROF. SANAZ MOSTAGHIM, FIEEE, PROFESSOR,
COMPUTER SCIENCE, CHAIR, COMPUTATIONAL
INTELLIGENCE, OTTO-VON-GUERICKE UNIVERSITÄT
MAGDEBURG, GERMANY**



**DEVELOPMENTAL MACHINE LEARNING: MACHINES THAT
LEARN LIKE CHILDREN ... AND HELP CHILDREN LEARN
BETTER (FEBRUARY 2021)**

**BY DR. PIERRE-YVES OUDEYER, FIEEE, RESEARCH
DIRECTOR, INRIA, FRANCE**



Conferences

1. 2015 First IEEE International Conference on Research in Computational Intelligence and Communication Networks (**ICRCICN 2015**) (November 20-22, 2015)
2. 2016 National Conference on Recent Innovations in Computer Science & Communication Engineering (**RICCE 2016**) (July 7-8, 2016)
3. 2016 IEEE International conference on Intelligent Control, Power and Instrumentation (**ICICPI-2016**) (October 21- 23, 2016)
4. 2016 Second IEEE International Conference on Research in Computational Intelligence and Communication Networks (**ICRCICN 2016**) (September 23-25, 2016)
5. 2017 First International Symposium on Image and Signal Processing (**ISSIP 2017**) (November 1-2, 2017)
6. 2017 Third IEEE International Conference on Research in Computational Intelligence and Communication Networks (**ICRCICN 2017**) (November 3-5, 2017)
7. 2018 Second International Symposium on Image and Signal Processing (**ISSIP 2018**) (November 21-22, 2018)
8. 2018 International Seminar on Intelligent Computing (**ISIC**) (July 26, 2018)
9. 2018 Fourth IEEE International Conference on Research in Computational Intelligence and Communication Networks (**ICRCICN 2018**) (November 22-23, 2018)
10. 2019 First Doctoral Symposium on Intelligence Enabled Research (**DoSIER 2019**) (October 19-20, 2019)
11. 2020 International Conference on Research and Applications in Artificial Intelligence (**RAAI 2020**) (December 19-20, 2020)

Upcoming: ICIC2 2021 in Aug 2021 and RAAI 2021 in December 2021



EMINENT ACADEMICIANS AND RESEARCHERS INVITED BY THE INSTITUTE TO DELIVER LECTURES



DR. MIROSLAV SKORIC
UNIVERSITY OF NOVI SAD,
SERBIA



PROF. KAZUMI NAKAMATSU
UNIVERSITY OF HYOGO
JAPAN



PROF. PAWAN LINGRAS



PROF. ELIZABETH BEHRMAN
WICHITA STATE UNIVERSITY
KANSAS, USA



PROF. ABHAYAINURUWA
CANTERBURY CHRIST CHURCH UNIVERSITY,
UK



PROF. KALYANMOY DEB
MICHIGAN STATE UNIVERSITY
USA



PROF. CESARE ALIPPI, FIEEE
POLITECNICO DI MILANO
ITALY



PROF. (DR.) ANTON NIJHOLT
UNIVERSITY OF TWENTE
NETHERLANDS



PROF. WEI-CHANG YEH
NATIONAL TSING HUA UNIVERSITY,
TAIWAN



PROF. DANIELA M. ROMANO
EDGE HILL UNIVERSITY
UK



PROF. SETHURAMAN PACHANATHAN, FIEEE
ARIZONA STATE UNIVERSITY
USA



PROF. BIPOB ROY
CQ UNIVERSITY
AUSTRALIA

EMINENT

SPEAKERS





PROF. VINCENZO PIURI, FIEEE
UNIVERSITA' DEGLI STUDI DI MILANO
ITALY



DR. PRITHWISH KANGSABANIK
SWISSCOM
SWITZERLAND



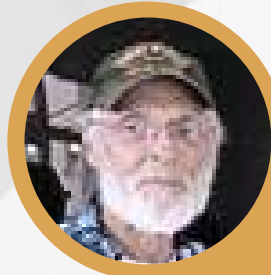
DR. PIETRO DUCANGE
UNIVERSITY OF PISA
ITALY



PROF. RUDOLF KRUSE, FIEEE
OTTO-VON-GUERICKE UNIVERSITÄT MAGDEBURG
GERMANY



PROF. ERNESTO QUADROS VARGAS
UNIVERSIDAD DE INGENIERÍA Y TECNOLOGÍA (UTEC), LIMA
PERU



PROF. JAMES C. BEZDEK, FIEEE
UNIVERSITY OF MELBOURNE
USA



PROF. VALENTINA EMILIA BALAS
AUREL VLAICU UNIVERSITY OF ARAD
ROMANIA



DR. RONY CHATTERJEE
MICROSOFT
USA



PROF. (DR.) SUBHASIS BHAUMIK
IIEST, SHIBPUR
INDIA



PROF. (DR.) MD. ATIQR RAHMAN AHAD
UNIVERSITY OF DHAKA
BANGLADESH



DR. SIDDHARTHA SEN
IIT, KHARAGPUR
INDIA



DR. JOYDEEP MITRA
MICHIGAN STATE UNIVERSITY
USA

SPEAKERS

EMINENT





DR. ER. MENG JOO
NANYANG TECHNICAL UNIVERSITY,
SINGAPORE



DR. ALEX MASON
LIVERPOOL JOHN MOORES UNIVERSITY,
UK



PROF. (DR.) ASOKAN THONDIYATH,
IIT, MADRAS
INDIA



DR. ANIRBAN CHOWDHURY
UNIVERSITY OF ESSEX
UK



DR. SOUMYA KANTI MANNA
CANTERBURY CHRIST CHURCH UNIVERSITY
UK



SWAMI ATMAPRIYANANDA MAHARAJ
VIVEKANANDA UNIVERSITY, BELUR
INDIA



PROF. LAXMIDHAR BEHERA
IIT KANPUR
INDIA



PADMA SHRI PROF. AJOY KUMAR RAY
FORMER PROFESSOR, IIT KHARAGPUR AND
FORMER VICE CHANCELLOR, IIST, SHIBPUR
INDIA

I P INDUSTRY PARTNERSHIP

INDUSTRY INSTITUTE PARTNERSHIP CELL (IIPC)

HODs and senior Professors from core engineering departments of the institute and Advisor, Industry Alliance are members of the Cell. The IIPC is actively working for:

- Tie-ups with Industry; Industry-Institute collaborative programs
- Participation in industry consortiums & events
- Placement and Internship opportunities (for final and pre-final year students)
- Consultancy & Training projects for faculty members; Sabbatical in industry
- Industrial Training and Projects for students
- Setting up of industry partnered Training hub; Certification programs
- Tie-ups with Institutes of eminence; Institute-Institute collaborative programs
- Seminars/Webinars/Guest lectures by experts from industry/institute
- CSR projects and industry sponsorships
- Improved Credibility of RCCIIT in industry
- Improved NIRF ranking of RCCIIT
- Connecting Alumni for sharing of resource/expertise from industry and facilitating industry-partnered activities in RCCIIT



RECENT MOUS

- MOU with **Landis and Gyr Limited** for collaborative R&D and training
- MOU with **NORD Drives Sys. Pvt. Ltd.** for sponsored Drives Lab, training, internship, industry visit, R&D projects on energy-optimized Gears/ Inverters/ Motors etc.
- MOU with **Lynx (Lawrence & Mayo)** for sponsored training facility, joint certification, collaborative R&D on Drone technology, Robotics etc.
- MOU with **Geetanjali Solar** collaborative R&D and training



T RAINING & P LACEMENT

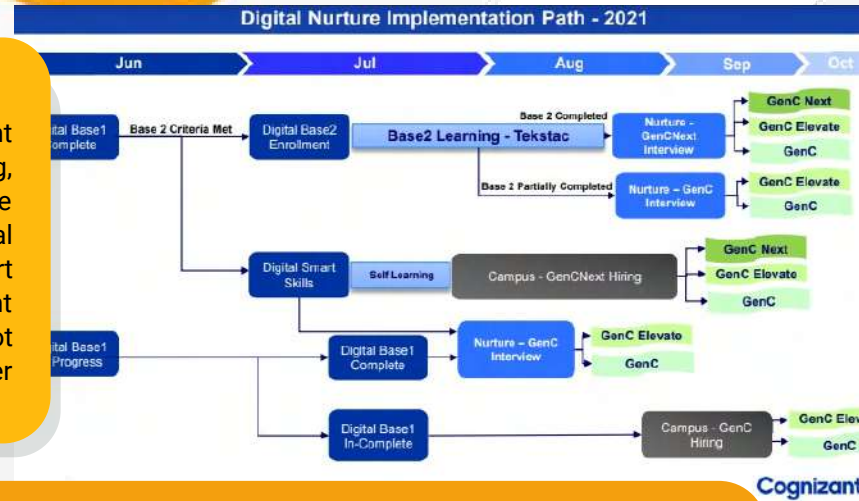
The **Training and Placement Cell (TPC)** is run by Faculty-In-Charge T&P. TPO and Asst. TPO. A T&P Committee comprising representative faculty members and final year students of each program support the T&P Cell. The TPC activities include:

- Regular liaison with industry and alumni to understand industry requirement/opportunities, frame roadmap for training & campus interview, fix slots and arranging recruitment drives, create new account etc.
- Arrange pre-placement training that includes **Aptitude training, Soft-Skill training, Competitive Coding training** by experts to make the students ready for the coding round and HR round of campus interviews
- Arrange **GDs and Mock Interviews** by external experts to make the students confident for the technical round of campus interviews
- Arrange **career counselling** programs periodically to give guidance to the students on career related matters and assist them in understanding and exploring different career options and avenues
- Arrange Industrial Visit, Summer/Winter Training and **Internship** in Industry for final year and pre-final year students
- Arrange seminars or orientation sessions by industry experts or prospective employers for campus/off-campus/pooled campus placements
- Coordinate between Industry & students, Depts. & students for smooth conduct of industry-sponsored partnership programs like **DNP/Talent Next/NQT**
- Coordinate and monitor student participation in industry-designed placement oriented competitive events like **TCS CodeVita, TCS NQT, HackwithInfy, InfyTQ** etc.
- Arrange assessment tests (like **AMCAT**) to assess the skills of the students

T RAINING & P LACEMENT

Cognizant-Digital Nature Program (DNP)

RCCIIT is one of the few colleges PAN India to be a part of this Pilot Program offered by Cognizant this year. The Digital Nurture program offers 6th sem students an opportunity for focused learning, spanning across the last 3 semesters (18 months) of engineering education. This tailor-made program equips the student with industry-aligned knowledge on the most demanded digital technologies like Web Technology, RDBMS, Java, C#, Cloud, Data Warehouse, Dotnet. The best part of the program is that students will get internship opportunity and fair chance to win Pre-Placement Offer with Cognizant on successful completion of the program. Total 272 student of Batch-2022 got this opportunity out of which 126 students are already in the final round (Digital Base 2) after qualifying Digital Base 1 in June 2021.

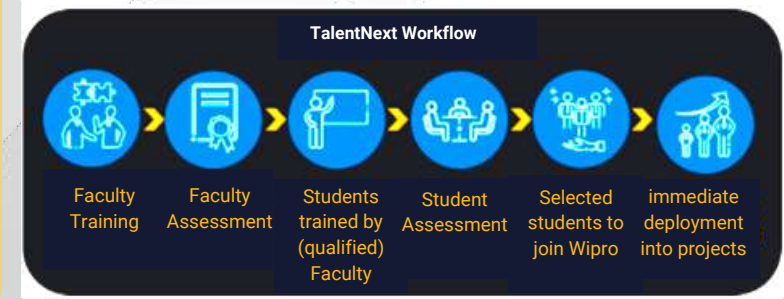


TCS – NQT CONDUCTED BY TCS ION

NQT is a nationwide test that assesses the employability index and industry ready relevance of the final or pre-final year students, based on their cognitive skills, attitudinal approach, industry awareness and subject expertise. Students registering in TCS iON learning hub and getting benchmark score in NQT variants (like Cognitive/Psychometric/Programming /Industry NQT) can directly apply for jobs of their choice in 150+ corporates (including TCS and TATA group companies) through TCS iON Job Listing platform. In direct hiring TCS has made it mandatory for students to have a good NQT score in NQT (cognitive) and Subject NQT (programming). RCCIIT has joined NQT as Institution to avail the advantage that is provided by NQT through TCS placement opportunities, job assistance to students in other corporates and access/visibility to student scores and analytics to track and improve overall performance.

WIPRO – TALENTNEXT

RCCIIT is proud to be one of the pilot colleges to have offered the Wipro flagship program Talent Next. This is primarily a technology empowerment program for the faculty and students. Faculty members qualifying training program (on Java and Python) designed by Wipro and designated as Wipro Certified Faculty (WCF) will train 100 students each to make them industry ready. The training is designed with focus on Project Based Learning (PBL) and the duration of training is about 160 hours. The WCF is likely start the training for 2022 batch around end August 2021. The program will help the students to develop problem solving skills, good coding capability and understanding of the Industry projects thereby enabling their recruitment opportunity.



T RAINING & P LACEMENT

Placement Status @2021 (Till April)

Company	Mode	Number of Selections	Designation	Starting CTC (INR)
Infosys	HackwithInfy	4	Power Programmer (PP)	8.00 LPA
		13	System Engineer Specialist (SES)	5.00 LPA
		5	System Engineer (SE)	3.60 LPA
	InfyTQ	15	System Engineer (SE)	3.60 LPA
Hexaware	Normal hiring	17	Graduate Engineer Trainee (GET)	3.50 LPA
		3	Premier Graduate Engineer Trainee (PGET)	5.00 LPA
TCS	CodeVita (Ninja)	27	Assistant System Engineer	3.36 LPA
	CodeVita (Digital)	10	System Engineer	7.00 LPA
	NQT (Ninja)	102	Assistant System Engineer	3.36 LPA
	NQT(Digital)	5	System Engineer	7.00 LPA
Cognizant	GenC	102	Developer/ Programmer Analyst Trainee	4.50 LPA
	GenC Next	2		6.75LPA
PwC	Normal hiring	5	Intern	4.40 LPA
		1	Senior Analyst	NA
BYJU'S	Normal hiring	5	Student Success Specialist	6 LPA [5 LPA fixed + 1 LPA variable]
		1	Business Development Trainee - Sales	10 LPA [7LPA fixed + 3 LPA variable]
		1	Associate - Pre-Sales	3.75 LPA fixed + 1 LPA variable
Others	Normal hiring	14	Junior Associate, Trainee Developer, Trainee Software Developers, Software Engineer-Fresher etc.	2.40 LPA to 5.50 LPA

Notable Recruiters



Department wise offer in 2021 (Till April)

Departments	Offers		
	Single	Double	Triple
CSE	40	25	11
IT	43	24	6
ECE	31	15	2
EE	12	2	0
AEIE	8	1	0
MCA	4	0	0
TOTAL	138	67	19



ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)

Entrepreneurship Development Cell (EDC) of the institute was set up in 2011 to generate the interest of the students in entrepreneurship. EDC successfully conducted several ED programs like **Entrepreneurship Awareness Camp, Entrepreneurship Development Program, Business Skill Development Program** and Entrepreneur opportunities on Solar Energy funded by MSME, AICTE, DST and TEQIP-II.

The programs covered pros & cons of entrepreneurship, innovation and incubation, ideation and proof of concept or POC generation, techno-commercial aspects of setting up a SSI unit, how to write a project report and business plan and also how to get support and financial assistance from Govt. agencies / banks / financial institutions / venture capitalists / Angel Investors. Success stories and problem faced by established entrepreneurs are also shared with the students.

SUCCESSFUL ENTREPRENEURS

- MR. KANAK SARKAR (CODOMOTIVE)
- MR. TANMOY BISWAS (DESI NOMADZ)
- MR. KRISHNA PAL (ASHTIK SOFTTECH(P) LIMITED),
- MS. SUDESNA PODDER (ASHTIK SOFTTECH(P) LIMITED),
- MR. ANKIT BARNWAL (INLINE PRIVATE LIMITED(OPC))
- MS. CHANDNI SHARMA (PRADHAN ENTERPRISE)



ENTREPRENEURSHIP & INNOVATION



INSTITUTION'S INNOVATIONAL COUNCIL (IIC)

The IIC of the institute was formed in 2019 following the structure prescribed by the MHRD, Govt. of India to promote Innovation, Incubation, Start Up and IPR culture among the students and faculty members of the institute. Following the activity calendar of MOE's Innovation Cell some of the important activities undertaken for the students by the IIC in 2020-2021 are:

Workshop on Problem Solving and Ideation, Idea/PoC Pitching & Validation, Workshop on Design Thinking, Critical Thinking & Innovation Design, Session on identifying Intellectual Property component at the early stage of Innovation, **Session on Accelerators or Incubators, Workshop on Intellectual Property Rights (IPRs) and IP Management, and Innovative Business Plan/ Prototype competition.** Other programs include:

- Motivational sessions for students by successful entrepreneur/startup founders,
- Orientation session for students & teachers by a faculty adjudged by AICTE and MOE as one of the **Innovation Ambassadors.**
- Panel discussion with innovation and startup ecosystem enablers of the region.

Four prototype models developed by RCCIIT students were qualified in the first round in the National Innovation Contest, 2020 organized by MOE's Innovation Cell. The IIC is also guiding in Patent and Copyright filing/publishing by the students and teachers.



SPECIAL INITIATIVES

CONNECT TO PARENTS (C2P) PROGRAM

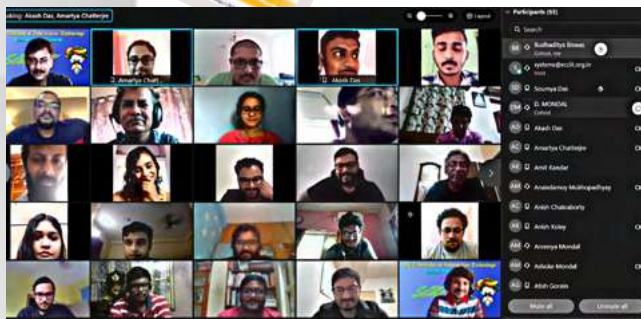
Dept-wise year-wise meetings are conducted in online mode with the parents of students once in a semester under the C2P initiative to apprise the parents about the new developments, policies and different programs offered in the institute and also about the progress of their wards. Parents, who are one of the major stakeholders of the institute, are happy to share their thoughts and problems with the teachers and college authority.

CONNECT TO ALUMNI (C2A) PROGRAM

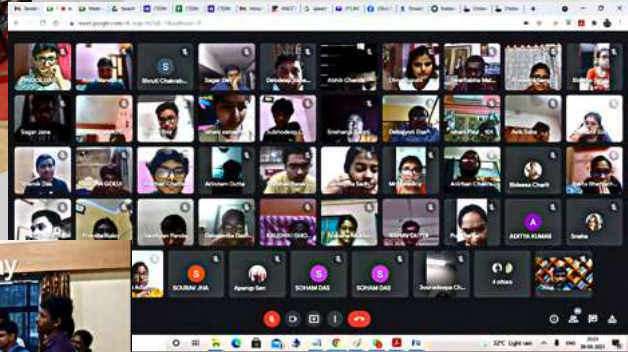
Though the institute has an Alumni Association, Dept. level regular interaction with Alumni is taking place in online mode under the C2A initiative to actively involve the Dept. Alumni in handholding the departments by way of giving lectures/seminars on core and emerging areas, guide students in projects/internship, facilitate collaboration with industries and help in overall development of the institute.

CONNECT TO SCHOOL (C2S) PROGRAM

This unique initiative is undertaken to connect the school students of class XI & XII to the school of engineering. Regular webinars are conducted where a variety of presentations are given by the Professors on applications of basic science in engineering, basic ideas of different engineering disciplines, career options in each disciplines, motivational issues etc. besides science quiz and coding competitions conducted by the Coding Club. Class XII students of many schools in and around Kolkata are attending these free webinars.



SPECIAL INITIATIVES



CODING CLASSES

Nowadays coding ability being a selection criterion of almost all recruiting companies in campus interviews, special coding classes (in addition to regular classes as per syllabus) are made mandatory right from 1st year for the students of all streams. Programming is taught with focus on concept building (using C language) in 1st year and skill development in multiple platforms (C++/Java/Python) and competitive coding in 2nd and 3rd year. Experienced in-house faculty and external experts are engaged to take these classes and ensure improvements of coding skills of the students through regular assessments.

SOFT SKILL CLASSES

Special classes with a focus to orient the first year students in professional communication in English language are conducted in Language labs in the first year under the funded 'SPDP' scheme of AICTE. As part of the pre-placement training in final year, additional soft skill classes and mock interviews are also conducted to groom the professional behaviour of the students.

GATE COACHING CLASSES

Special coaching classes for qualifying GATE examination for admission to M.Tech programs in IITs and NITs are conducted for the interested UG students (of all streams) under the funded 'PRERANA' scheme of AICTE. Professional trainers for GATE are engaged in taking these classes of stream-specific subjects.

REMEDIAL & TUTORIAL CLASSES

Special emphasis is given on student's performance in mathematics and core engineering subjects of each stream. Remedial and Tutorial classes are arranged for students having backlogs or poor marks or difficulty in these subjects as assessed through semester CGPA, CAs and through feedback mechanism. This is a quality assurance measure so that no student gets below a standard grade in core subjects while at the same time ensuring zero backlog in all subjects.

INNOVATIVE T/L

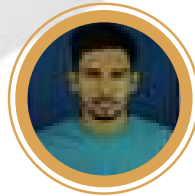
Experiments are continuously done with the teaching learning process. To align with the outcome based teaching, new pedagogy like flipped teaching, hybrid learning, experiential learning are tried out to good effect. Students are given micro/mini projects for experiential learning; similarly students are asked to give snap talks or prepared demonstration or lectures as the teacher reviews their understanding in flip teaching mode. Also in hybrid mode Google classroom based information sharing and assessment and programming lab in online platform is often effective.

RCCIIT is proudly associated with various MOOC platforms:

☒ SWAYAM-NPTEL ☒ IISR-ISRO ☒ Coursera ☒ edX ☒ NASSCOM Future Skill Prime



PRANAY SUMAN
B.TECH, IT
DOMAIN SCHOLAR-
DATA SCIENCE



ALEKHYO BANERJEE
B.TECH, CSE
NPTEL BELIEVER



ABHISHEK ACHARYA
B.TECH, CSE
NPTEL DISCIPLINE STAR



SOUNAK DAS
B.TECH, CSE
NPTEL DISCIPLINE STAR



CRIS ROY
B.TECH, ECE
NPTEL ENTHUSIAST



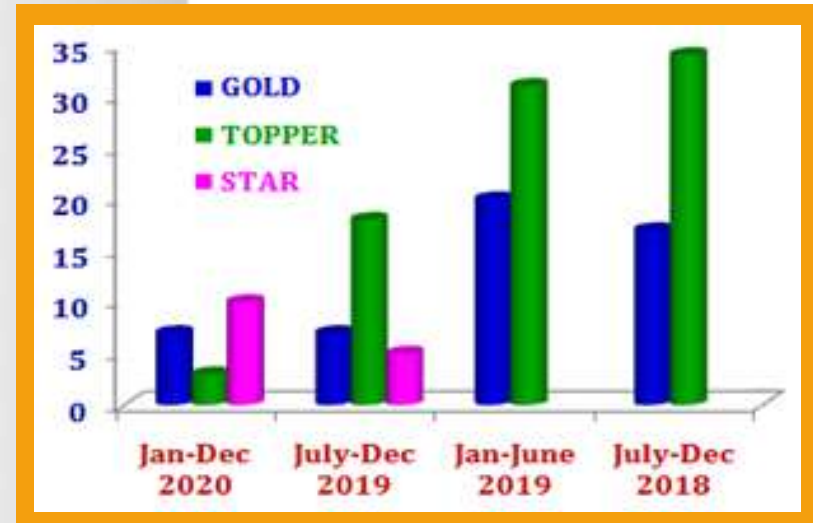
SAYAN DAS
B.TECH, AEIE
NPTEL DISCIPLINE STAR



NIVEDITA CHAKRABORTY
B.TECH, ECE
NPTEL MOTIVATED
LEARNER

Maintains consistent top ranking in SWAYAM-NPTEL across India and West Bengal since Jan 2018

2 NPTEL DOMAIN STAR, 15 NPTEL STAR AWARDS, 90+ COURSE TOPPERS
50+ GOLD MEDALS



SWAYAM NPTEL STISTICS

Special Initiative during Lockdown: Free access to edX from Dec 2020 – July 2021, 50+ certifications done, Agreement with RCCIIT is extended till June 2022

Proudly associated with NASSCOM Future Skill Prime, 250+ enrollments & certifications in last one year; more certifications are ongoing

Nodal Center of Indian Institute of Remote Sensing – ISRO courses from May 2021, 10 courses successfully coordinated, 3 courses ongoing



AVRADIPTA CHAKRABORTY THAKUR
B.TECH, CSE
11 PROFESSIONAL CERTIFICATIONS



AVIJIT SAHA
B.TECH, AEIE
23 PROFESSIONAL CERTIFICATIONS

Associated with Internshala from July 2018, Ranked 197 (out of 3000+ in India) in 2019 & 2022 in WB, 30+ five-digit internship offers in last 3 years, 370+ total internship in last 3 years

INTERNSHIP OFFERS @INTERNSHALA





Kushal Banik, Kuntal Paul, Ishan Chaudhuri & Arpan Mukherjee from **third year ECE** have developed Artificial Intelligence based software for the detection of **COVID** through analysis of X-ray plate. One has to open the site <http://www.covid-ai.in> and need to upload X-ray plate pictures to the site. Once the X-ray plate of a patient gets uploaded, the software will confirm if the person is infected with COVID or not. Students claim that this software is giving above 80 percent success. The students have also filed a copyright for this original work.

Rohan Roy of final year **AEIE** has developed a product at Incubation center of **IIT Patna** called "**MATRI**" which is a **menstrual pain reliever device**. By using the device for 10-15 minutes around the skin can give relief from the pain that women feel at lower abdomen & lower back during menstruation cycle. A particular pattern of a particular range of frequency specially designed for menstrual pain emerges out from the device and works like a counter irritation when applied on user's body through electrode gel pad. It blocks the pain pathway, and the pain signal cannot reach up to brain causing relief from pain. It's **tiny, portable, easy to use device** suitable for use in public place also.

Arkadeep Nandi, Sandipan Basu, Abhishek Kumar and Prajoy Dutta form final year **EE**, **RCCIIT** have developed a low-cost device which **can measure temperature, oxygen saturation (SpO2 level) and heart rate (rate/minute)** of any person and can transfer the **data over Cloud through IOT**, so that the reading could also be monitored by any Android phone at a remote location with internet connection. The data gathered in the Cloud can help in predicting the health condition of anyone much ahead of the critical time. The device has been tested against reference devices available in the market and calibrated accurately. Now students are in a process to file patent for that invention.

Aritra Basu second year **CSE** has developed a web-based application which will provide notification for vacant slot of vaccination in **CoWIN** portal. One need to log in to the site <https://track-cowin.firebaseio.com/> and have to register for notification. Website will send an automated email to registered user whenever there is an availability of vaccine in preferred area/pin code. After knowing the vacant slot user can book appointment for **COVID** vaccine at CoWIN portal in a hassle-free manner.

STUDENT CHAPTERS

IE(I) STUDENT CHAPTER, DEPT. OF ECE

This Student Chapter conducts various technical events for the students throughout the year. This includes trademark annual event **ALPHATECH** technical presentation/exhibition by ECE students, technical seminars and workshops, innovative project demonstration, coding competition etc. Webinars on various topics like, **Data Analysis and Machine Learning using Python, Building Blocks of VLSI Circuits, Current Industry Applications on Internet of Things, Android App Development, Experimental Photonics, Multifunctional Antenna, Cyber Security & Ethical Hacking** were conducted in recent times by inviting distinguished speakers. Some of the events were co-sponsored by the **Kolkata Chapters of IEEE Solid State Circuit Society & IEEE AP-MTTTS, Optical Society of India** and **SPIE-OSA-OSI Students Chapter of University of Calcutta**.

IEEE STUDENT BRANCH & IE(I) STUDENT CHAPTER DEPT. OF EE

These two Student Branch/Chapter provides the students the recognized platform of professional bodies IEEE and IE(I) for them to demonstrate their entrepreneurial and innovative abilities. The branches encourage and guide the students to develop projects or models and generate innovative ideas for solving real-life problems of the society, as well as supports in organizing various technical events including celebration of **Engineers Day** every year, lecture by experts from industry, **Prototype Design Competition**, Seminar Paper Presentation, Technical Quiz Competition and Technical Business Idea Presentation by the EE student members of the Branch/Chapter. Such activities under **IEEE, IE(I)** guideline also help students to establish a professional identity of them.



THE ROBOTICS SOCIETY (TRS) STUDENT CHAPTER DEPT. OF AEIE

The TRS Student Chapter has conducts various interactive sessions and workshops to enhanced the exposure and interest of the students in various application of Instrumentation Engg. A workshop on Mechatronics and Robotics and a webinar series on Robotics were conducted in recent times which had experienced professionals from the industries like **TCS, Siemens, CMTI** and academicians from some of the premiere Institutes like **IEST, CU, NITTR** as speakers who demonstrated various applications and models on **IoT, Robot Sensing Techniques** etc.



RccTechz (www.rcctechz.com) is the official **Coding Club of RCCIIT**. The Club, mostly run by the 2nd year students, believes that coding nowadays is a culture rather than a specialized skill and thus aims to develop this culture and the **passion for coding** amongst students right from their first year, irrespective of their disciplines. It not only provides a collaborative environment to learn and practice coding in different platforms but also strives to create basic concepts and enthusiasm for innovative projects in **emerging technology** areas of ICT.



The Rotaract Club of RCCIIT is under Rotary International District 3291 and is sponsored by **Rotary Club of Calcutta** Renaissance, Kolkata. This Club brings together individuals to exchange ideas with leaders in the community, develop leadership and professional skills, and render community service. The club focuses on overall **professional and personal development** of the engineering students in the campus.

It strives to promote ethical values among the students, create awareness of the needs, problems, and opportunities in the community and worldwide and also to help expand network with people through a framework of friendship, goodwill and service.

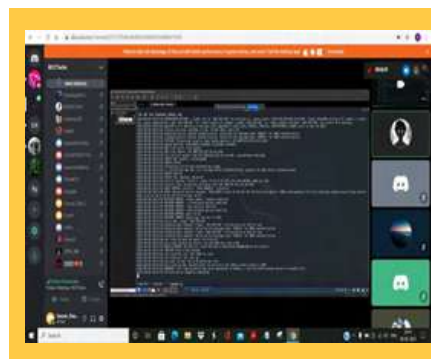


The Coding Club, also popularly called the **Tech Chapter**, regularly hosts a number of exciting events and competitions such as: Code Wars (coding competition in **Code Ninja** platform), Code Talks with Power Programmer (by **Alumni**) HackTrack (on Cyber Security), Webify (on **Web Development**), Appification (on **Android and Kotlin**), Intevolution (on **AI & ML**), Code Rivalry (School Techathon for XI, XII students) etc. students every time.



Activities of the Rotaract Club includes collecting donations to help people in dire need, paying visits to **orphanages** and **old-age homes** to help them out and engage with them, organizing leadership events and talent **competitions in photography, fine arts, dance, literature, aptitude,** and competitive coding.

First and second year students are inducted in the Club through a Coding Induction test in HackerRank platform. All its webinars and sessions are now streamed on Gmeet and on the official RccTechz discord server <https://discord.gg/BQeShbsXQB>. Huge enthusiasm is created about this club - usually the coding exams are attended by more than 100 students every time.



The Club came forward to help in the cause of fighting against **COVID-19** by collecting funds and helping out people with treatments and generating leads on medicines and equipment. The Club has currently more than 70 student members.



EXTRA-CURRICULAR



NSS



VISIT TO THE ORPHANAGE

Cake, biscuits, chocolates, pens, colour pencils, soap, shampoo (donated by engineering students) were distributed among the **orphan children**; blankets were given to the needy people who rendered service to the orphan children in **orphanages including Sukanya Home at Salt Lake, Gobinda Kr. Home, Panihati, Ramakrishna Vivekananda Mission, Barrackpore, Child Care Home, Salt Lake and at Howrah station.**

PROGRAM ON GENDER SENSITIVITY

Seminars/Webinars/Workshops are regularly organized to generate awareness towards women issues in order to enhance **women empowerment** and ensure **gender sensitization**, prevention and prohibition of sexual harassment of women employees and students. Women's Day is celebrated by felicitating lady staff and faculty.



NSS UNIT

RCCIIT has a very active NSS Unit led by a senior teacher as Program Officer. There is a **NSS Student Chapter** under this NSS unit as well. Students are encouraged to think and contribute for the betterment of the society & environment and be conscious & sensitive to the national pride & rich cultural legacy and global issues while working under NSS Unit/Chapter.

COMPUTER LITERACY PROGRAM

First hand computer education was given to the **first generation learners** of the local community.

CLEAN ENVIRONMENT DRIVE

Door to door **cleanliness campaign**, distribution of bleaching powder, chlorine tablets, dustbins, 55 micron recyclable plastic packets and waste collection garbage bags, waste collection, demonstration of: compost pit development/**segregation of solid waste** into bio-degradable and non bio-degradable parts/process of making manure were carried out at **Mathurapur village of Barrackpore.**

ENVIRONMENT AWARENESS PROGRAMS

International Day for Preservation of Ozone Layer, Wildlife Week, World Environment Day, Jal Divas, Swachhata Divas are celebrated through **tree plantation**, sit & draw competitions, poster presentation by students and seminar/webinar by experts. **Anti-plastic campaign** and promotion of a green and clean campus is also undertaken on these days.



The college life becomes more enjoyable to the students when, besides hardcore professional studies, they enjoy the freedom to nurture their hobbies or talents in creative & performing arts like singing, dancing, painting, acting (drama), playing musical instruments, photography, story/poem/literary article writing (in magazine) and so on apart from taking part in games & sports, quiz, debate and other techno-fun competitions. The students showcase their multi-faceted talents through the annual fests/regular club activities and cultural magazines (like Verve or Kal Madhumas).

The **Student Welfare Committee** organizes annual cultural festival **REGALIA** comprising of number of performing arts like **solo vocal, band, dance, drama, choreography, fashion show** etc. Students of other colleges in and around the city take part in this 2 or 3-day long annual extravaganza full of colour and vibes. The performance by popular national or state level artists or bands adds another dimension to the fest.

The annual in-house games and sports festival **KRIRATHON** is also organized by the Student Welfare Committee and it includes both indoor and outdoor games including **Badminton, Carom, Chess, Table Tennis, Volley Ball, Football, Cricket**, Tug of War.

The annual **Technical Fest TECHTRIX** (conducted over 2 days by the Student Welfare Committee) and departmental technical programs like **Innovision** or **Alphatec** explores the technical acumen, intelligence and natural talents of the students through **Codathon** (Coding & Debugging)/ **Gaming, Mathemagic, Spell-Bee, Sudoku, Quiz competitions, model making, robotics** etc.

The institute traditionally encourages, promotes and sponsors such student fests and extra-curricular activities so as to unleash the creative and natural talents of the students.



SANCHARINI BANERJEE
BTECH, IT | BATCH 2012
ASSISTANT CONSULTANT / TECHNICAL LEAD
TATA CONSULTANCY SERVICES

" 99% students of our batch got placement from college, I am thankful to all faculties of our beloved IT department who taught us basics of the industry which became so much valuable lessons when we joined the industry "



MRINMOY NANDY
BTECH, IT | BATCH 2012
DEPUTY MANAGER (SYTSEMS)
KOLKATA MUNICIPAL CORPORATION

" Most important aspect to look into about an engineering college is their faculty and in RCCIIT I proudly believe it is best. From common room to practical rooms, all flavours of good engineering college are present "



AVIK DAS
BTECH, IT | BATCH 2014
LEAD DATA SCIENTIST
TATA CONSULTANCY SERVICES

" RCCIIT not only help us to build our knowledge but also help to re-define ourselves in a most refined manner "



ANURADHA ROYCHOWDHURY
BTECH, IT | BATCH 2012
SENIOR CONSULTANT
CAPGEMINI

"Unforgettable experience of studying. Too good & supportive teachers"



MAYURIKA DAS
BTECH, IT | BATCH 2012
ASSOCIATE
COGNIZANT

" Even after so many years, I am still in touch with most of my professors in IT Dept of RCCIIT...great bonding The atmosphere is conducive to creative and productive learning besides encouraging individuality and creativity "



SUBHASHMITA CHOWDHURY
BTECH, IT | BATCH 2018
SENIOR SYSTEMS ENGINEER
INFOSYS

" It was a wonderful 4 years. IT is a great department with best faculty to invest your 4 years in."



SUBHARTI SADHUKHAN
BTECH, IT | BATCH 2017
ENTREPRENEUR

" Our teachers in IT Dept. were exceptionally encouraging and helpful.... we were given enough support and time to pursue and develop our vocational skills that further helped us establish our careers"



AVIK BANERJEE
BTECH, EE | BATCH 2016
BRANCH MANAGER
SBI

" RCCIIT is an example of a close-knit community where students and faculties work closely with one another, support one another and learn from one another "



ARINDAM SAHA
BTECH, EE | BATCH 2015
JR. ENGINEER (ELECTRICAL), GROUP "A" OFFICER
GOVT. OF WB

" Very few colleges have this kind of lab infrastructure as the labs of our dept... from the very beginning my teachers in EE motivated me to get myself posted in a core industry "



JIT CHATTERJEE
BTECH, EE | BATCH 2013
COMMISSIONING ENGINEER I
TRC COMPANIES

" Our beloved professors of EE prepared me both academically and mentally to start a professional carrier in EEthey made sure we developed a strong practical and theoretical backbone in the subject matter."



TANMOY MAJUMDER
BTECH, EE | BATCH 2014
UI/UX DEVELOPER
KONICA MINOLTA INC, JAPAN

" Our EE department went the extra mile and gave me the knowledge & courage needed for preparation for the GATE exam that helped me secure AIR 69 in GATE ... a lot of different activities on campus allowed me to polish my talent and have an overall development "



PRIYAM BANERJEE
BTECH, EE | BATCH 2014
SOFTWARE ENGINEER
JOHN DEERE, USA

" Dept. of EE RCCIIT has instilled in me a keen interest in R&D which has propelled me to pursue for higher study. ... it has an immaculate culture of providing quality technical education and holistic student development, "



ANANDAMOY MUKHOPADHYAY
BTECH, EE | BATCH 2016
RESEARCH SCHOLAR
IIT BOMBAY

"RCCIIT has a good position regarding infrastructure and placement among all the other Engineering colleges situated nearby Kolkata. ...all the faculties and staffs have pro-udent approach."



RAHUL RAKSHIT
BTECH, EE | BATCH 2020
AUTOMATION ENGINEER
LUMINO INDUSTRIES LTD

"Electric Machine, Power Systems and Power Electronics labs in EE Dept are equipped with several quality test kits and instruments which is very rare in majority of the colleges. We have separate research lab where you can find PLC hardware devices from Siemens and several other high end research oriented S/w "



KANAK SARKAR
BTECH, EE | BATCH 2014
ENTREPRENEUR, FOUNDER & CEO
SYSCENTRIC TECHNOLOGIES

"I have very good memories of my college life at RCCIIT and I must say those 4 years were GOLDEN days of my life."



DEBAYAN DAS
BTECH, ECE | BATCH 2016
HR BUSINESS PARTNER
AMAZON INC.

What makes RCC stand out from the rest is the fact that it acts as a catapult for your future, and you get to develop in your own sweet time. You learn, unlearn and relearn, but most importantly, have fun and make memories of a lifetime while doing so. :)



RIAZ AHMED
BTECH, ECE | BATCH 2015
SENIOR CAD ENGINEER
QUALCOMM

"RCCIIT was a place which helped me dream. The teachers including the lab staff were very helpful. The infrastructure of the college is also decent."



SUSMITA GANGOPADHYAY
BTECH, ECE | BATCH 2016
PROCESS ENGINEER
INTEL CORPORATION

"Contribution of RCC and all the prudent professors in ECE Dept is just beyond recognition and gratitude.... the whole alumni party including current and prospective students will continue to exalt the hero (RCC indeed) "



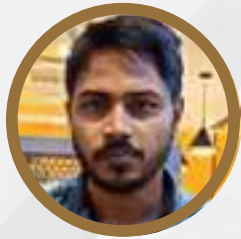
RANITA SAHA
BTECH, ECE | BATCH 2013
ASSISTANT MANAGER
NTPC

"Each ECE faculty is so good at their job and so much helpful in every way so that any student feels free to go and ask for any kind of help ...even after college life. THERE IS NO WAY TO DENY RCCIIT'S CONTRIBUTION IN MY LIFE AND IN MY CAREER "



SAYAN KUMAR
BTECH, ECE | BATCH 2012
RESEARCH SCIENTIST
EQUAL1.LABS

"My Interest in VLSI Chip designing as well as quantum computing established during my stint at RCCIIT which is leading my current path to build a desktop-sized Quantum Computing Hardware at Equal1. I am really indebted to my Professors and brilliant peers who helped me set off as a bees-knees Engineer."



INDRAJIT ROY
BTECH, ECE | BATCH 2013
ENGINEER
DRDO

"RCCIIT is a core and vibrant platform for young students. Interactive classes with regular faculties and frequent interaction with industry experts are always a thrill. It helps to develop your knowledge academically and profound your skills professionally to find your own objective you are interested in."



SHILADITYA CHATTERJEE
BTECH, ECE | BATCH 2013
TECHNOLOGY DEVELOPMENT PROCESS ENGINEER
INTEL CORPORATION

"Best wishes for the RCCIITIANS and upcoming engineering students"



RAJIT KARMAKAR
BTECH, ECE | BATCH 2012
SENIOR R&D ENGINEER
SYNOPSIS INDIA PVT. LTD

"Dept of ECE, RCCIIT, has not only navigated the initial steps of my career in the right direction but also helped me to reach my desired goal. "



SAYAN ROY
BTECH, ECE | BATCH 2010
ASSISTANT PROFESSOR
DEPT. OF EE, SOUTH DAKOTA MINES, USA

"RCCIIT is a place where you can realize your true potential and achieve your dreams. Join and become the next aspiring member of a vast and very well-connected booming network of ECE alumni. "



SUDIP CATTERJEE
BTECH, CSE | BATCH 2009
SOFTWARE DEVELOPMENT MANAGER
ORACLE INDIA PVT LTD

" I must say RCCIIT is one place where it all started for me. Our teachers and department's vision to enable its student with industry level capabilities made the difference. "



SUCHARITA DE
BTECH, CSE | BATCH 2015
ASSOCIATE
COGNIZANT

"The friendly environment, the systematic approach towards imparting education at RCC made me a competent individual. Today, if I am in a good position it's because of what I have learnt from my college"



JOYJIT DAS
BTECH, CSE | BATCH 2015
TECHNOLOGY ANALYST
INFOSYS

"I would like to say that the four years at RCC were one of the best periods of my life. At RCC, it always felt like a family, and another home, which helped me in my academic learning."



ARINDAM BANERJEE
BTECH, CSE | BATCH 2016
SYSTEM ENGINEER
TATA CONSULTANCY SERRVICES

" RCCIIT helped me to build my career, it's faculty members trained us to gain knowledge, enhance soft skills, demonstrate a strong work ethics, and boost my confidence for success."



KIRTIMAN BANERJEE
BTECH, CSE | BATCH 2009
ASSOCIATE CONSULTANT
TCS, UK

"RCCIIT is the best choice I made that helped to shape my future in the best possible way"



DR. INRANIL GHOSH ROY
MCA | BATCH 2003
POST DOCTORAL RESEARCH FELLOW
DEPT. OF COMPUTER SCIENCE,
UNIVERSITY OF WARWICK

" It was a very wonderful experience being a part of RCCIIT. In to this world to get success one key parameter is to get the right degree & towards that RCCIIT is going to give you very good start. "



DEBABRATA DUTTA
MCA | BATCH 2003
ASSISTANT PROFESSOR, COMPUTER SCIENCE
ST. XAVIER'S COLLEGE, KOLKATA

" If you are interested to join IT industry & pursue MCA, RCCIIT is definitely a very good option."



SUBHAYU MUKHERJEE
MCA | BATCH 2003
IBM

"RCCIIT is very good college to join, it has excellent faculty members, great infrastructure & gives you the platform to step into the corporate world."



DEBAYAN
MCA | BATCH 2013
ACCENTURE, USA

" I express my thanks to the Professors & Staff Members of RCCIIT who helped us & helped me whatever I am doing, whatever I have been & whatever I have achieved."



JOYDEEP DATTA
BTECH, ECE | BATCH 2014
INNOVATIONS MANAGER
TATA COMMUNICATIONS

" RCCIIT is a great institute to study in and it will give you every bit of resources that you may need to have a great career. Make sure you always make great use of those resources to build yourself.. "



SREEMANTI GHOSH
BTECH, ECE | BATCH 2014
CLOUD TECHNICAL SOLUTIONS ENGINEER
GOOGLE EU, HEADQUARTERS, DUBLIN

"RCCIIT is much beyond just an 'Institution'. It instills in you the culture of excellence, empowerment and enrichment. The amazing infrastructure and faculties shape you for the best career and future."



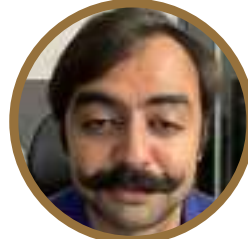
KALPAK SEAL
BTECH, ECE | BATCH 2015
SOFTWARE ENGINEER II
MICROSOFT

" To future engineers considering to be a part of RCCIIT, I would like to say that the future is yours and this place will provide you with a good platform to build yourself towards it."



AYAN MUKHOPADHYAY
BTECH, CSE | BATCH 2011
RESEARCH SCIENTIST
VANDERBILT UNIVERSITY, US

"Currently I am working on Artificial Intelligence and robust Machine Learning at Vanderbilt University. My doctorate is on decision making under uncertainty from Vanderbilt University and have pursued a post-doctoral research fellowship at Stanford University."



SOHAM BHATTACHARJEE
BTECH, ECE | BATCH 2012
SENIOR SOFTWARE ONSHORE LEAD
COGNIZANT, CANADA

"RCCIIT's accomplished faculties, its many facilities and its very helpful Alumni base have helped students reap benefits they never knew that would ever come to them. I sincerely hope you join the family and help us help you explore new horizons. Being an ex student, I will advise you -Go for it!"



MANALI NANDAN
BTECH, CSE | BATCH 2009
SENIOR SOFTWARE ENGINEER
GOOGLE, USA

"Hi guys, I started my journey in technical education at RCCIIT. The institute provides a great environment to explore and expand your horizons in technology."



MANASH PAL
BTECH, CSE | BATCH 2009
SENIOR SOFTWARE ENGINEER
GOOGLE, USA

"At RCCIIT, it is a great education environment with good infrastructure and very good teachers. Come join the RCCIIT family. Let your experience help you develop your passion for technology and help you achieve your goals."



ABIR ROY
BTECH, AEIE | BATCH 2016
EMBEDDED SYSTEMS ENGINEER
NORTECH SECURITY & CONTROL, PUNE (INDIA)

"After my B.Tech in AEIE, I have shifted to home automation industries, thanks to my Professors' guidance - the prospects of this industry is quite high, where access control and camera based features are the need of the hour. Professors at RCCIIT strive to bring out our passion within ourselves and help us realize them at the best- if you are looking to set up an illustrious career path in the most memorable way, RCCIIT is the place to be."



SEMANTI GHOSH
BTECH, CSE | BATCH 2005
SCIENTIST
ISRO, INDIA

"During my B.Tech I have been guided by excellent teachers here.They not only teach you the subjects but they also groom you so that you can face the outside world. I got a chance to do my summer project in ISI- Campus placement is also very good. I would highly recommend RCCIIT to all new students."



ATIQR RAHMAN
BTECH, IT | BATCH 2011
SENIOR CONSULTANT
COGNIZANT, UK

"Hey guys, have an aspiration in this dynamic technology world and inspire the next generation, then RCCIIT is a place to be. Be a part of the RCCIIT family and shape the future. All the best!"



DR. SAHEL BHADRA
BTECH, IT | BATCH 2004
FACULTY
IIT PALAKKAD, INDIA

"During my college years, I got motivation from my teachers for my higher studies. They helped a lot, suggesting the right books. Read books, follow the instructions from the teachers and study well, you will do your best! All the best..!"

ALUMNI WHO ARE NOW SENIOR FACULTY AT RCCIIT



SOUMEN MUKHERJEE
MCA | BATCH 2003
ASST. PROFESSOR, CA
RCCIIT

"It was a great experience to be a student of the 1st MCA batch (2003) of RCCIIT. RCCIIT has contributed so much in my learning in my student days which helped me a lot in my further higher studies and career in academics. I am happy to be a faculty of RCCIIT."



HARINANDAN TUNGA
BTECH CSE | BATCH 2003
ASSOCIATE PROFESSOR, CSE
RCCIIT

"RCCIIT making a sensational start as a engineering college in 1999 sustains the top class in providing quality education through well experienced faculties. I am proud to be a faculty of RCCIIT, where I did my B.Tech (CSE) in 2003."



DR. ABHIJIT DAS
BTECH IT | BATCH 2003
ASSOCIATE PROFESSOR, IT
RCCIIT

"When we took admission to RCCIIT in the very first batch in 1999, we relied on the brand name only. Later on the institution's branding through word-of-mouth marketing has always helped to maintain a reputed image in engineering education sector."



ARUP BHATTACHARJEE
MCA | BATCH 2003
ASST. PROFESSOR, CSE
RCCIIT

"I feel privileged to be part of RCCIIT family. It is one of the esteemed colleges in West Bengal which consistently motivates and inspires its students to achieve their goals. Faculty members and staff of RCCIIT help their students to maintain a positive mindset and to become a best self in lives when they pass out of this college."



JAYANTA DUTTA
MCA | BATCH 2004
ASST. PROFESSOR, IT
RCCIIT

"From my college days in RCCIIT I have witnessed how it has achieved excellence in academics and placement. I am extremely proud and lucky that I have been a part of our beloved RCCIIT and it will always be in my heart."

RCCIIT is totally Ragging- Free

Smoking and consuming Alcoholic beverages strictly prohibited in the campus

Anti-Ragging Measures

RCCIIT is aware of the **ragging menace** in the campuses of colleges and follows the UGC Regulations, Court Directives and State Act in letter and spirit to ban any and all sorts of ragging activities in the campus. RCCIIT has been sincerely following the directions of **Honorable Supreme Court of India (w.r.t. W.P. No. 656/1998/ for prevention of ragging in any form** in the institute since inception and have now taken all necessary steps so that **AICTE norms and guidelines issued vide notification No. 37-3/Legal/AICTE/2009 dated 01.07.2009** is fully adhered to. Affidavit and Undertaking (towards zero involvement in Ragging) are collected from all students and guardians in the prescribed format. Any act of ragging or harassment would attract severe disciplinary action.

- Implementing Bodies -

For implementation of the provisions for curbing of any form of ragging in the campus:

- **Anti-Ragging Committee (ARC)**
- **Anti-Ragging Squad (ARS)**

For preventing and addressing (complaints related to) sexual harassment of women:

- **Internal Complaints Committee (ICC)**

For addressing general grievances of students:

- **Grievance Redressal Cell (GRC)**

For taking disciplinary actions against wrong-doing:

- **Institutional Disciplinary Committee (IDC)**



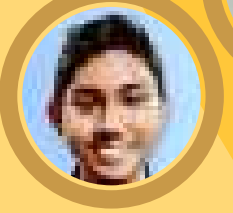
SOURAV CHAKRABORTY
IT2019/014



MAYUKH BHOWMICK
CSE2020/038



SUSRITA CHATTERJEE
ECE2019/003



RISHAV MANDAL
CSE2020/016



ISHANI PAUL
IT2019/101



DR. ABHISHEK BASU
ASSISTANT PROFESSOR, ECE
& FIC ACADEMICS



DR. ANIRBAN MUKHERJEE
PRINCIPAL (OFFICIATING)



CHANDRAYEE BISWAS
PA TO PRINCIPAL

This Prospectus is designed by:



450 M FROM BELIAGHATA MAIN ROAD



13 KM FROM KOLKATA AIRPORT



3.2 KM FROM SEALDAH STATION



4.1 KM FROM ULTADANGA CROSSING

RCCIIT is situated centrally in the Kolkata Metropolitan. It is very well connected to the other parts of the city and suburb with proximity of Howrah & Sealdah Station and Main Road and Bypass. The IT hub of Salt Lake, Higher Education Dept.- GoWB and University (MAKAUT) are close and the Airport is not far from RCCIIT.



Admission Helpline :- +91 8436211158