MCKV Institute of Engineering

Estd.1999

MCKV INSTITUTE OF ENGINEERING

UGC Recognized Autonomous Institute

NAAC Accredited with Grade "A"

Approved by AICTE

Affiliated to MAKAUT, WB

NBA Accredited Courses

"Scientists study the world as it is; engineers create the world that has never been."

- Theodore von Kar man

Hungarian-American mathematician, aerospace engineer, and physicist

"Information is the oil of the 21st century, and analytics is the combustion engine."

-Peter Sondergaard

Analyst & Head of Research, Gartner Inc.

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ABOUT THE INSTITUTE

MCKV Institute of Engineering was established in the heart of the industrial belt of Howrah in 1999, with a mission to spread quality technical education amongst aspiring engineers and make them significantly capable of contributing towards “Atmanirbhar Bharat Abhiyan”. MCKVIE as we call it, is a UGC recognized Autonomous Institute under the UGC Act 1956, is accredited by NAAC with Grade ‘A’ and is also approved by AICTE. The Institute is affiliated under MAKAUT, West Bengal and offers programmes mostly accredited by NBA.

Being a part of the prestigious MCKV group, the Institute endeavors to achieve consistently high levels of academic excellence, improve standards in education and encourage application, implementation and research-oriented approach. MCKVIE has long nurtured a vision to groom young intellectuals and make them creative leaders in this competitive world.

VISION

To be a sustainable center of academic excellence and advanced research at the national level producing students recognized for their academic competence, attitude and dedication.

MISSION

- To create a vibrant learning environment on the campus.
- To develop and enhance teaching-learning quality.
- To have highly qualified faculty.
- To support application-oriented research and encourage entrepreneurship.

QUALITY POLICY

- The Institute is committed to producing qualified, successful students, to suit the top-class demand of the market.
- The Institute is committed to providing resources including human resources to cater to present as well as future requirements of the customer & stakeholders.
- It is reviewed for continuing suitability.

FROM THE CHAIRMAN'S DESK

Mr. Kishan Kumar Kejriwal

"MCKVIE has come to the forefront of the educational scenario in West Bengal. To maintain and move ahead of such prestigious status, students at MCKVIE are encouraged to think beyond the obvious. Experienced faculty, advanced infrastructural facilities and the spirit to research, has made them shine bright in university examinations and several national competitions throughout these years. Our training and placement cell continuously acts as an interface between the institute and industries and provide them dream internship and job opportunities. The college autonomy has been instrumental in ensuring quality and excellent industry-exposure, and 'continuous professional development' is now the keyword for both students and professionals.

We welcome all students and learners to MCKV Institute of Engineering and would like to give our best wishes to all aspiring engineers and business leaders. I believe that your study days at this Institute will be one of the most cherished parts of your career and life."

FROM THE PRINCIPAL'S DESK

Prof. (Dr.) Abhijit Lahiri

"It gives me immense pleasure to welcome you on board and unravel to you a world of infinite possibilities. The dream that we have been nurturing since 1999 is now slowly being realized through our alumni placed all across the world. We have only been the air under the wings of our students and helped them fly places. India's comparative advantage in the global economy lies primarily in education, and its assimilation into the global supply-demand process. This has made us come up with courses that people of West Bengal would have hardly heard a decade ago. Working hand-in-hand with the industry has helped us curate new syllabi in tune with its currents needs. Yet we are always in search of newer avenues to get our students exposed to the latest technologies, business tools & processes, and best practices of the global industry.

Thus, I may say that when an MCKVian is in his final semester/year, he is 'industry-ready'."

B.TECH

- Automobile Engineering
- Electronics and Communications Engineering
- Computer Science and Engineering
- Computer Science and Engineering (Data Science)
- Computer Science and Engineering (AI & ML)
- Electrical Engineering
- Information Technology
- Mechanical Engineering

M.TECH

- Electronics and Communication Engineering (Communication)
- Electrical Engineering (Power Systems & Renewable Energy)*

MBA

Specializations

- Marketing
- HR
- Finance
- Business Analytics

B.VOC

(3 years full time under graduate degree)

- Automobile Servicing
- Software Development

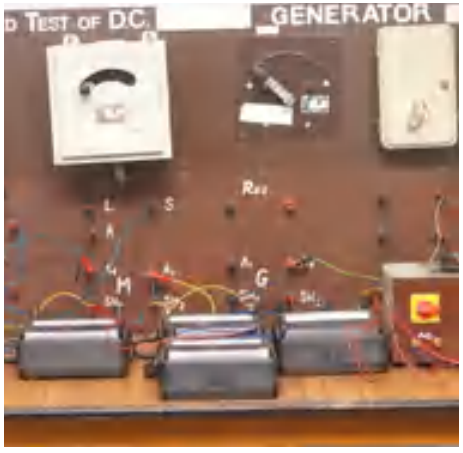
B.TECH IN AUTOMOBILE ENGINEERING

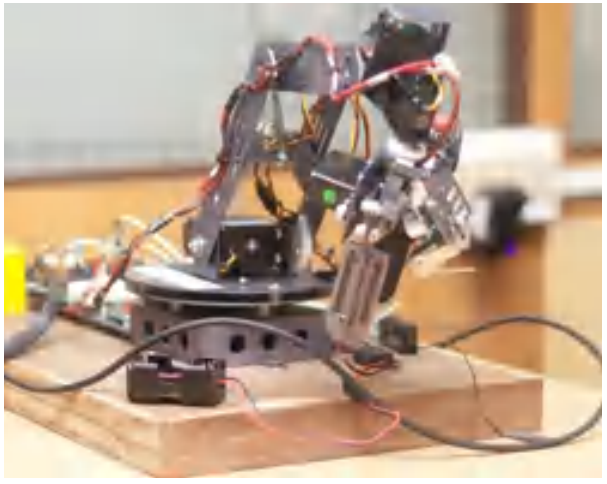
The Indian automotive industry now requires engineers conversant with the concept of product design, functional utility, and integrated technology used in the manufacture of an automobile. MCKVIE is a pioneer in establishing a full-fledged Degree Engineering Course in Automobiles in the state of West Bengal.

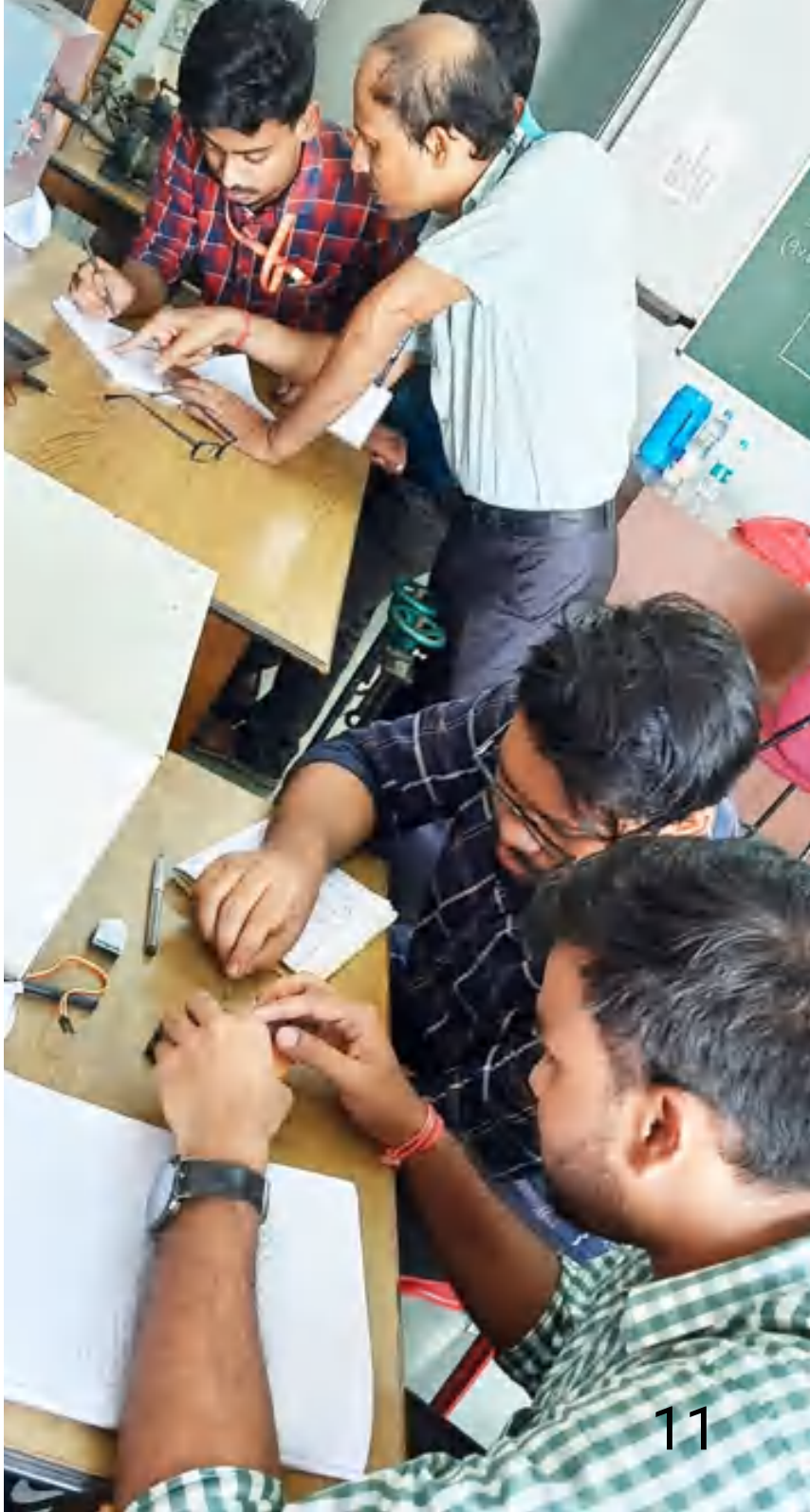
B.TECH IN ELECTRICAL ENGINEERING

M.TECH IN POWER SYSTEMS & RENEWABLE ENERGY*

The backbone of any industry is essentially the electrical infrastructure with a forever demand of advanced Electrical engineers all over the globe.







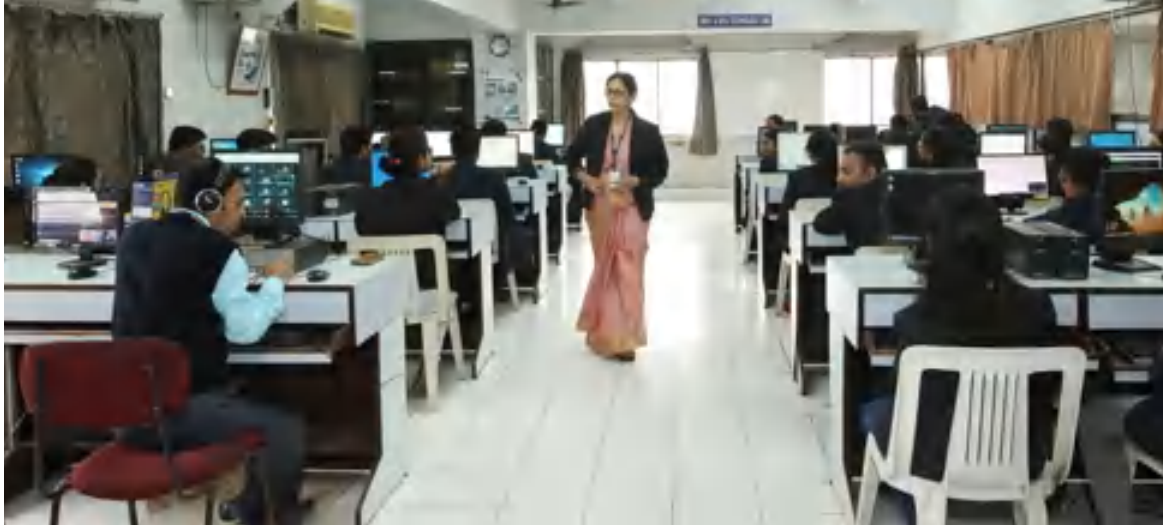
B.TECH IN COMPUTER SCIENCE AND ENGINEERING

B.TECH IN COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

B.TECH IN COMPUTER SCIENCE AND ENGINEERING (AI and ML)

In order to cope with modern industry needs and technological inventions, besides the conventional CSE, MCKVIE offers two other emerging specializations: CSE (Data Science) & CSE (Artificial Intelligence & Machine Learning)

acer



B.TECH & M.TECH IN ELECTRONICS AND COMMUNICATIONS ENGINEERING

The department of ECE provides students with great industrial exposure, and is also a proud recipient of the MODROB fund, a feat it has achieved twice by modernizing its Communication Laboratory and VLSI Design & Embedded Systems Laboratory.

M.Tech (Communications)

B.TECH IN INFORMATION TECHNOLOGY

Information Technology has penetrated into every sector, big or small. No industry can operate without it, making it indispensable.

Lead. Inspire. Transform.

MASTER OF BUSINESS ADMINISTRATION

MARKETING | HUMAN RESOURCE | BUSINESS ANALYTICS | FINANCE

PROGRAMME FEATURES

- Two Year Full Time MBA Degree Programme with Four Semesters.
- AICTE Approved and MAKAUT Affiliated
- Minimum number of class room contact teaching for MBA is 100 credits and Internship/Project is 06 credits i.e. Total 100 + 06 = 106 credits.
- Two Functional Specialisations (One Major & One Minor)
- Seven Papers in every Semester
- Marks in each Paper: 100 (70 for End Semester Examination & 30 for Internal Marking)

Upskill with the 3 year full-time undergraduate degree

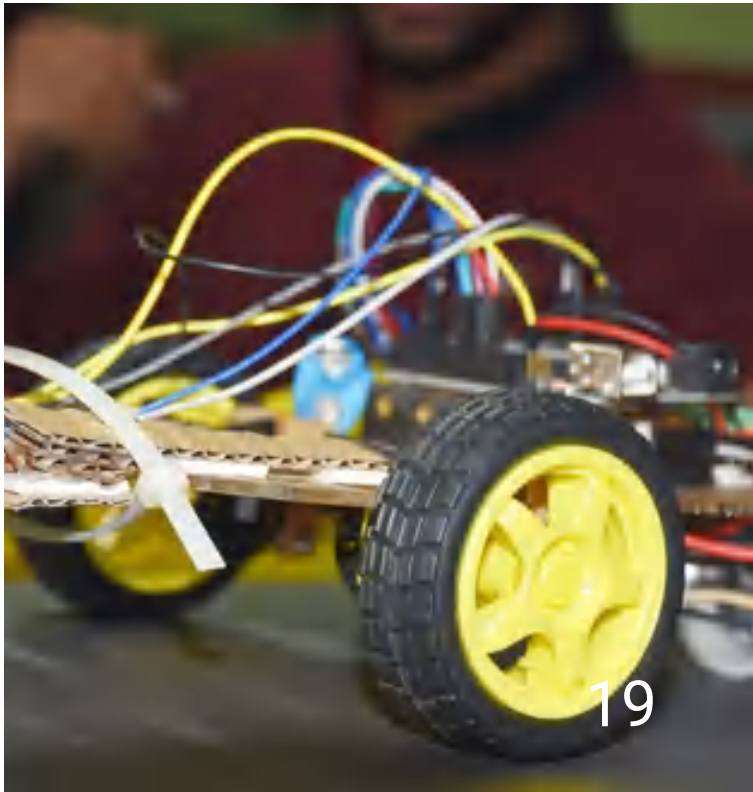
BACHELOR OF VOCATIONAL (B.Voc)

WHY B. VOC?

The vocational educational programme is to enable students to acquire skills and learn the fundamental technologies by engaging them in on-the-job training of the industry/organizations along with the theory classes in a academic scene. This programme has been initiated with the affiliation of Maulana Abul Kalam Azad University of Technology (MAKAUT), and with approval of All India Council for Technical Education AICTE, MHRD, Government of India.

- AUTOMOBILE SERVICING
- SOFTWARE DEVELOPMENT

E146



LIFE @MCKVIE

A VIBRANT AND TECHNOLOGICALLY ENABLED CAMPUS

- Wi-Fi Enabled Campus
- Emerging Technology Laboratories
- Digital Class Rooms
- Global Certification
- Incubation Cell
- Swami Vivekananda Centre for Positive Thinking
- Digital Central Library
- Cafeteria
- Gymnasium & Recreation Hall
- Dedicated Students Counselor for mental well-being
- Separate Hostels for Girls and Boys

ENTREPRENEURSHIP AND RESEARCH

The MCKV Institute of Engineering has established Innovation and Entrepreneurship Development Centre (I&EDC) to implement National Innovation and Start-up Policy (NISP). The objectives of the cell to motivate, educate and help students to convert their ideas into business through product development.

Research in engineering and technology is not only vital for the quality of education; it is the bedrock of innovative technology. To stimulate this spirit of research, students are encouraged to pursue higher studies in and outside the country by taking competitive examinations. MCKVIE can boost of a broad based alumni continuing research in premier institutes across the globe.

CO-CURRICULAR ACTIVITIES

- "Brainrush"- Annual computer gaming/ quiz/case-study competition
- "Kodikas" - Annual computer programming competition
- "Prayas" - Annual student technical article competition
- "Technotica" - Annual technical model competition
- "Pragati" - Annual Technical Fest

EXTRA-CURRICULAR ACTIVITIES

"BALAKA" –Fresher's Welcome Function
"UTOPIA" – Annual cultural fest
"ASCENT" – Farewell Function

CLUBS

Rotaract Club
StartUp Club
Coders Club
Photography Club
SPIC MACAY Heritage Club

STUDENT CHAPTERS

Society of Automotive Engineers (SAE)
Computer Society of India (CSI)
Institution of Engineering and Technology (IET) (UK)
The Institution of Engineers (India)
Internet Society (ISOC)

AWARDS AND ACCOLADES

PRAGATI
CHIEF GUEST
DR. DEBASHIS DE
GUEST OF HONOUR
MR. SHEMASIS BANERJEE
PRAGATI 2023
INAUGURATION PROGRAMME
SPONSORS
IET
NIIT

TUTOPIA

abp
আনন্দ
ncsm
abp
LIVE
UEM
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Creating Industry-Ready Engineers

SKILL DEVELOPMENT

- In-House Projects and participations in Technical Fests
- Business English Classes to enhance Communication Skills
- Special Training in Coding & Aptitude Development
- Regular Industry visits & Workshops
- Summer Training & Internships
- Personality Development Programmes
- Hands-on experience through Industry-Academia Collaboration

FEW TOP RECRUITERS

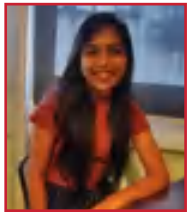
OUR SUCCESS STORIES

AINDRILA DUTTA
Digital, 2023, TCS

SUBHODIP DAS
Full Stack Engineer, 2023, Johnson Control

KHUSHBOO OJHA
Software Engineer, 2023, Capegemini

BODHISATTYA CHOUDHURI
Associate Engineer Trainee, 2023, TATA AIG



VINEETA KHAITAN
Associate Software Engineer, 2020, Nomura Research Institute

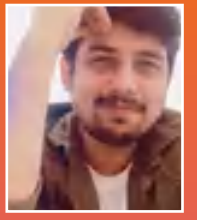
AMIR SOHEL
Associate Software Engineer, 2020, Indus Net Technologies

SACHIN ROY
Software Intern, 2021, NCR Corporation

NITESH JHA
Associate Engineer Trainee, 2022, Tata AIG

LAXMI YADAV
Product Engineer Intern, 2022, Pepcoding

RAHUL KUMAR PANDEY
Business Development Trainee, 2021, Think & Learn BYJUs



KARAN YADAV
Programmer Analyst Trainee, 2020, Cognizant

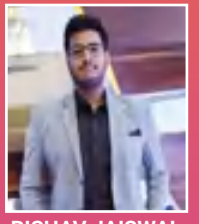
NANCY BINANI
System Developer, 2022, Big Binary

ARKADEEP BISWAS
Associate Engineer Trainee, 2021, Tata AIG

SIDDHARTH KUMAR SERAOGI
System Engineer Gread C1, TCS Digital Unit, 2021, TCS

PRITAM KUMAR PAUL
Senior Software Engineer, 2011, Microsoft, Bangalore

NABILUR RAHAMAN
Management Consultant, 2013, Accenture

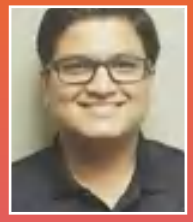


RISHAV JAISWAL
Trainee, 2020, DXC Technology

VARUN SINGH
Manager - Auto Claims, 2020, TATA AIG

PRITAM KUMAR DAS
Assistant Engineer, 2015, Mahindra First Choice Wheels

SOUMENDU SARKAR
Operations Transformations Professional, 2017, Deloitte



AMITESH DAS
Manufacturing Engineer, 2007, Ford Motors, Michigan

SWAPNIL SUR
Sr. Manager, 2014, Volvo

PRATYUSH BHADRA
Cofounder & Director, 2016, Tetematics

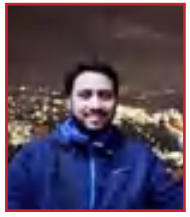
DR. SUBHAJIT ROY CHOWDHURY
Associate Professor, 2004, IIT Mandi

DITIPRIYA GANGULY
Manufacturing Engineer, 2017, Cummins India Ltd

SOUMAVA BORAL
Dual Doctoral Program Scholar, 2013, IIT KGP & Curtin University, Australia

MEGHDEEPA MANNA
Cyber Security Professional, 2017, Riscure, Netherlands

SAGNIK GHOSAL
2012, University of Strathclyde, Glasgow, Scotland



SATTAM SAHA
Manufacturing Systems Engineer, 2012, Rolls-Royce Motor Cars Limited, UK

JAYDEEP BANIK MAJUMDAR
Design Engineer, 2015, Intel

SUPRIYA KUNDU
System Engineer Specialist, 2020, Infosys

PRASANT SINGH
Founder & MD, 2003, UXLI Ltd, Germany

MUSKAN GARG
System Development Engineer, 2022, Amazon

SHUVANKAR ROY
Systems Engineer, 2020, TCS

DEBOJYOTI BHATTACHARYYA
Senior Analyst/Software Engineer, 2022, Capgemini

VIVEK RAJ
Programmer Analyst, 2022, Cognizant

ARITRA BHATTACHARJEE
Lead Designer Engineer, 2010, Cadence Design Systems Pvt.Ltd.

GOURABH NATH
Sr. Product Design Engineer, 2012, Mercedes-Benz Research and Development India Private Limited

VIKASH JALAN
Solution Architect, 2011, Blue Yonder, Bengaluru

SREYANS JAIN
Director, 2006, Sliced Mango Design Studio

ARPITA GHOSH MUKHERJEE
Data Analyst, Astra Zeneka, UK, 2003

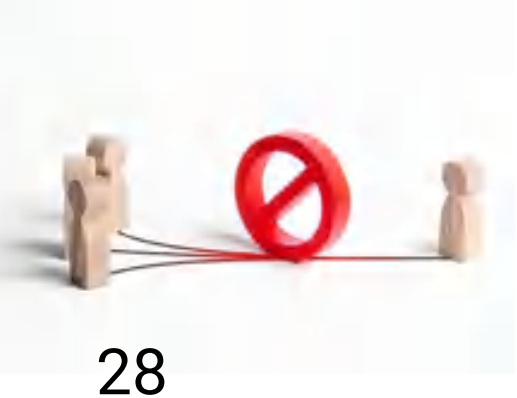
ASHUTOSH PATOA
Software Engineer, 2022, CloudKaptan

ALUMNI

The Institute Alumni Meet is again another event to look forward to for students as well as the staff. Our Alumni exchange professional knowledge, industry best practices, and latest trends with our current students by organizing frequent conferences, seminars, lectures and meetings. Their advice goes a long way in training and building not just engineers, but future leaders. The Alumni Association has been playing the pivotal role in creating and maintaining a wonderful association between our alumni and the institute as a whole.

GENERAL GUIDANCE FOR STUDENTS

- College Timing: 9:30 AM to 5 PM
- College Working Days: Monday to Friday
- Students are required to pay their fees within the stipulated time
- Students must attend both their theoretical and practical classes, and submit their class/ home assignments as well as lab reports
- It is compulsory to appear in all internal and end semester examinations.
- All students must wear their college ID cards and uniforms inside the campus at all times
- Students are not allowed to use their cellphones during classes, in the laboratories as well as in the library
- Students must maintain complete silence during their theory and laboratory classes, and should not be found unnecessarily wandering around the corridors or the campus
- Guardian-Teacher Interaction Meetings are held to share mutual experiences regarding broader academic issues as well as the student's overall performance
- Students must not write anything or paste any posters on the walls of college buildings, including the boundary walls of the Institution



SAY 'NO' TO RAGGING

As per the West Bengal Prohibition of Ragging in Educational Institution Act XIII of 2000, no person shall participate in abet or propagate ragging in any educational institution. It is a criminal offense and hence the ragging offenders are stamped as criminals, to be treated by the Police and the Court of Law on par with any other crime under the Indian Penal Code.

Whenever there is any attempt of ragging, one should immediately contact the Principal or the Registrar, one's Mentor, any member of the anti-ragging squads and, if one is a hostel boarder, the hostel care-taker should be the first contact person.

Anti-ragging Helpline 1800-180-5522 [Toll-Free]

Please refer to the following link for further details : **https://www.mckvie.edu.in/no-ragging/**

MR. FRE
MISS FRES

OF ENGINEERING
NDA CENTRE FOR
THINKING

ThinkCentre

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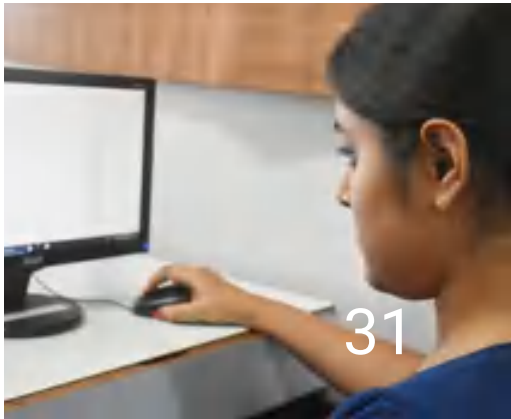

www.mckvgroup.org

M.C. KEJRIWAL VIDYAPEETH
(Boy's School Affiliated to ICSE & ISC) Liluah, Howrah (West Bengal)

MCKV INSTITUTE OF ENGINEERING
NAAC 'A' accredited Autonomous Institute, Approved by AICTE & affiliated to MAKAUT, WB., Howrah (West Bengal)

ROTARY CLUB OF BELUR BAL VIKAS KENDRA (To provide the mentally and physically challenged children special education and other therapeutic services) Liluah, Howrah (West Bengal)

MADHUSTHALI INSTITUTE OF TEACHER TRAINING
(A Co-ed B.Ed., D.El.Ed. & BLIS College) Madhupur, Deoghar (Jharkhand)

MADHUSTHALI VIDYAPEETH
A Co-Ed English Medium Residential School Affiliated to ICSE/ISC Madhupur, Deoghar (Jharkhand)

MADHUSTHALI INSTITUTE OF PARAMEDICAL SCIENCES
Affiliated to J.S.P.C, Ranchi, (Madhupur, Deoghar, Jharkhand)

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13km away from Netaji Subhas Chandra Bose International Airport, Kolkata 5km away from Howrah Railway Junction | Located on northern G.T. Road at Liluah | Walking distance from Liluah Railway Station