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*Organized By :*

## **MCKV Institute of Engineering**

(AICTE Approved, WBUT Affiliated  
PG Degree Engineering Institute)

UGC Recognized 2(f) & ISO 9001:2008 Certified

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# International Conference on Computing, Communication & Manufacturing

[ ICCCM 2014 ]

December 22 – 23, 2014



**In Association with**

**Proceedings Published By**



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[www.icccm2014.org](http://www.icccm2014.org)



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## About the Institute

**MCKV Institute of Engineering (MCKVIE)** is one of the premier and the oldest (established in 1999) among self-financed Institutes in West Bengal aspiring to be an Autonomous Institute soon. It has excellent track record of imparting quality education for budding engineers over the last fourteen years. It is one of the 25 self-financing institutes in the country participating in the World Bank assisted Govt. of India sponsored TEQIP-II project.

MCKVIE has been recognized by NIC, New Delhi as an 'e-gov' campus in the district of Howrah. Also, the Govt. of India, MHRD has developed a program "Direct – to – student" module for **Quality Enhancement in Engineering Education (QEEE)**. Among 500 engineering colleges identified across India which will be receiving guidance through this programme to enhance its quality of providing education at par IIT's; MCKVIE is one of them.

The Institute offers 4-Year B. Tech Degree in six disciplines i.e. Automobile Engineering, Computer Science & Engineering, Electronics & Communication Engineering, Electrical Engineering, Information Technology and Mechanical Engineering. In addition, 2-Year full time M. Tech. Degree in Electronics & Communication Engineering, Computer Science & Engineering, Automotive Technology, ECE (VLSI Design) and 3-Year Master of Computer Application (MCA) are also offered.

A Sprawling and rich Library with Institutional membership with Elsevier and J-Gate, a state-of-the-art English Communication Lab & many Project Labs, multi-faceted student amenities with Gym and Meditation Centre are some infrastructural Unique Selling Points (USP). Students' excellent performances in academics in the University Examinations always attract quality students to our college.

Students receive accolades & awards from National Level Project Competitions and present Research Papers in various Conferences.

Internationally & Nationally acclaimed Students' Chapters & Clubs viz. IET (UK) Students' Chapter, SAE Students' Chapter, CSI Students' Chapter, IE (I), ISOC (I), MCKVIE Rotaract Club, Swami Vivekananda Centre for Positive Thinking etc. always endeavour to cater to the students for their overall growth & Extra-curricular activities. Students organize Invited Talks and Technical Workshop at regular interval.

MCKVIE has tie up with both IT and Core sectors such as Ericsson India Pvt. Ltd., Dassult Systems, Volvo-Eicher, RABT Technology and Texas Instruments, etc.

## About the Conference

International Conference on Computing, Communication & Manufacturing 2014 (ICCCM2014) is aimed to provide a platform to young and dynamic engineers, researchers and professionals to share their ideas and research findings with the engineering community.

The main objective of this conference is to encourage researchers to identify significant research issues and present their approaches in the field of Computational Techniques, Computer Science, IT, Communication, Electronic Sciences, Manufacturing and Material Science. All selected and presented papers will be published in ACEEE Conference proceedings.

ICCCM2014 will also create a forum with aspirants and experts for constructive cooperation to meet the social needs through research findings.

## Conference Themes

### Area: Computer Science and Engineering

- Image Processing
- Pattern Recognition
- Artificial Intelligence/Computing
- Mobile Communication

### Area: Information Technology

- Data Mining
- Image/Video Compression
- Information Security
- Software Engineering

### Area: Electronics and Communication

- Electronic Devices and Signal Processing

### • Analog and Digital Communication

- VLSI
- Antenna Microwave/Millimeter Waves
- Antenna Theory/Communication/ Propagation

### Area: Computational Technique

- Computation in Electrical Machines/ Power System
- Computation in Signal Processing/ Drives and Automation

### Area: Manufacturing

- Manufacturing Technology and Systems
- Material Science and Metallurgy
- Production and Operations Management Design, Modeling and Simulation

## Who can participate?

- Scientists
- Academicians
- Technologists
- Research Scholars
- Students (UG/ PG)
- Industry Professionals

## Call for Papers

The conference seeks original research work related to *Computing, Electrical & Electronic Communication and Manufacturing* with the flair of real-world applications. Submissions should contain some significant contributions supported by analysis and/or experimental evaluation highlighting the motivational aspects behind the choice of such application. Papers encompassing the Industrial applications are highly encouraged.

Outstanding papers presented in the conference will be published in ACEEE Journal.

## Accommodation

Participants are requested to arrange their accommodation by them. However, a list of hotels near by the conference venue is available in [www.icccm2014.org](http://www.icccm2014.org)

## Registration Details :

On-line Registration to be done through [www.icccm2014.org](http://www.icccm2014.org)

### Registration Fee :

[ Should be sent by Demand Draft only]

Category	Early Bird Registration Fee	Late Registration Fee
Scientists/ Academicians/ Technologists	Rs. 2500/-	Rs. 3000/-
Industry Professionals	Rs. 3000/-	Rs. 3500/-
Students – UG/ PG & Research Scholars	Rs. 1500/-	Rs. 2000/-

## Important Dates

- **Submission of Abstract (200-250 words) :** 28<sup>th</sup> June 2014
- **Communication for request of Full Paper :** 22<sup>nd</sup> July, 2014
- **Full Paper submission:** 30<sup>th</sup> August, 2014
- **Camera Ready Paper submission :** 15<sup>th</sup> November, 2014
- **Conference Dates :** 22 -23 December, 2014
- **Early Bird Registration Date :** 8<sup>th</sup> October, 2014
- **Registration Date :** 22<sup>nd</sup> October, 2014

## Guidelines to Authors

- Only original & unpublished work within **6 pages in prescribed template** to be submitted through Easy Chair electronic submission system on or before deadline of submission.
- Paper template to be downloaded from the Conference website
- All selected and presented papers will be published in ACEEE Conference proceedings.
- Conference kit will be provided to all registered candidates on Opening day of the Conference
- Always refer to the Conference website [www.icccm2014.org](http://www.icccm2014.org) for any further information.
- **Use Easy Chair Registration Link: [http:// www.easychair.org/conferences/?conf=icccm20140](http://www.easychair.org/conferences/?conf=icccm20140)** for creating authors account and submit papers electronically.
- Acceptance of paper will be communicated through e-mail.
- Papers will be included in the Proceedings only after registration.

## Mode of Payment

Demand Draft for registration should be made in favour of  
**“MCKV Institute of Engineering”**  
payable at Kolkata and should be sent to:  
**Prof.(Dr.) Arun Kr. Jalan**  
Professor (B. Sc.)  
243 G.T. Road (N), Liluah, Howrah – 711204  
West Bengal, India.



## About Kolkata

Kolkata, formerly known as Calcutta, is the capital of West Bengal. As of 2011, the city had 14.1 million residents, comprising of the city and of its suburbs, was the third-most populous metropolitan area in India.

**Important Places to Visit nearby:** Kalighat temple, Victoria Memorial, Alipore Zoo, Belur Math, Dakshineswar temple, Mother Teresa's home.

## Advisory Committee Members

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## How to Reach

MCKVIE is 30 minutes drive from Netaji Subhash Chandra Bose Airport, Kolkata. The institute is located at G.T. Road and can be reached by following transportation facilities :

### Railway Route:

Nearest Railway Station: LILUAH. Located 5 km away from Howrah station on the rail-track of Howrah – Burdwan main & Howrah – Burdwan chord. Cycle-rickshaw available from Liluah station to the College.

### Bus Route:

Located on G.T. Road (North), just 6 km away by road from Howrah station.

[ Bus Stop - Liluah / Liluah Station Road ]

- From Bally Ghat / Bally Khaal : Route No. 54
- From Howrah : Route No. 54, 54/2, 51, 56.
- Also, Belur Math – Howrah and Bally Khaal – Khidirpore Minibuses from Howrah / Esplanade



## Contact Us

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[www.icccm2014.org](http://www.icccm2014.org)