



# TWO-DAY INTERNATIONAL WEBINAR

On

**MACHINE LEARNING & STEGANOGRAPHY**

Organised by

**Department of Computer Science & BCA, Kharagpur College  
Inda, Kharagpur, Paschim Medinipur, West Bengal, India-721305**

**Date : 4th & 5th August, 2020**

**Time : 09:00AM - 12:35PM (DAY - I)**

**10:00AM - 01:05PM (DAY - II)**

## Resource Persons



**Dr. Rathi Dasgupta**

SVP & CTO, Data-Core, Systems,  
Philadelphia, AI Evangelis, (USA).



**Dr. Pabitra Mitra**

Professor  
Dept. of Computer Science  
& Engineering, IIT Kharagpur.



**Dr. Abhijit Mustafi**

Associate Professor  
Dept. of Computer Science &  
Engineering, BIT Mesra, Ranchi.



**Dr. Biswapati Jana**

Associate Professor  
Dept. of Computer Science,  
Course Co-ordinator-MCA.  
Vidyasagar University,  
Medinipur.



**Prof. Bibek Ranjan Ghosh**

Assistant Professor  
Dept. of Computer Science,  
Ramkrishna Mission Residential  
College, Narendrapur, Kolkata.



**Dr. Saptarsi Goswami**

Assistant Professor  
Dept. of Computer Science,  
Bangabasi College, Kolkata.

Patron in Chief : Prof.(Retd.) Anjan Chaki, President, Governing Body, Kharagpur College

### Advisory Committee

Dr. Bimal Krishna Das, Member, GB, Kharagpur College

Prof. Rabindranath Changdar, Member, GB, Kharagpur College

Dr. Sujit Mondal, Member, GB, Kharagpur College

Dr. Jyotirmoy Pramanik, Coordinator, IQAC, Kharagpur College

Dr. Bikash Kumar Ghosh, Secretary, Teachers' Council, Kharagpur College

### Webinar Organising Committee

Chairman

Dr. Bidyut Samanta, Principal, Kharagpur College  
& Chairman, Organising Committee.

Secretary

Mr. Alok Haldar, Assistant Professor & Head,  
Department of Computer Science & BCA, Kharagpur College.

Jt. Secretary

Mr. Samiran Acharyya, State Aided College Teacher,  
Department of Computer Science & BCA, Kharagpur College.

Dr. Indranil Chakraborty, Assistant Professor,  
Department of Chemistry, Kharagpur College.

Members

Miss. Sakhi Bandyopadhyay, State Aided College Teacher,  
Department of Computer Science & BCA, Kharagpur College.

Mr. Anudyuti Ghorai, State Aided College Teacher,  
Department of Computer Science & BCA, Kharagpur College.

Mr. Subhadip Mukherjee, State Aided College Teacher,  
Department of Computer Science & BCA, Kharagpur College.

Mr. Biswajit Laya, State Aided College Teacher,  
Department of Computer Science & BCA, Kharagpur College.

### Invitation

Dear Sir/Madam,

You are cordially invited to attend two days International Webinar on  
"Machine Learning & Steganography" organised by department of Computer Science &  
BCA, Kharagpur College to be held on 4th & 5th August 2020. We solicit your gracious  
presence in the webinar to make it grand success.

Thanking you,

Yours Sincerely,

Alok Haldar

Secretary, Organising Committee

Dr. Bidyut Samanta

Principal Kharagpur College,  
& Chairman Organising Committee

## Important Information & Links

Participants are requested to join the webinar through the Youtube link :

YOUTUBE DAY - I LINK : <https://youtu.be/I7U8j7hbkCo>

YOUTUBE DAY - II LINK : <https://youtu.be/Tvpcwz9SHnQ>

Registered participants willing to get E-Certificates are required to fill up feedback form to be provided at the end of the webinar.

E-Certificates will be provided through registered email within one week from the webinar.

For registration click the link :

REGISTRATION LINK : <https://forms.gle/g7o5URbHDipgJQnw9>

For more information contact : [kccswebinar2020@gmail.com](mailto:kccswebinar2020@gmail.com)

phone : 7001828678 / 9733522473.

Join with us on :

WHATSAPP GROUP LINK : <https://chat.whatsapp.com/Cn63xhpjL1hCNhsttez0li>

## Programme Schedule :

4<sup>th</sup> August 2020 (Day - I )

Inaugural Session		
09:10 AM - 09:20 AM	Welcome address by Mr. Alok Halder, Assistant Professor & Head, Department of Computer Science & BCA, Kharagpur College.	
09:20 AM - 09:30 AM	Inaugural Speech by Dr. Bidyut Samanta, Principal Kharagpur College & Chairman Organising Committee.	
Technical Session		
Time	Topic	Speaker
09:30 AM - 10:20 AM	Lecture I Machine Learning Techniques in Biology.	Dr. Rathi Dasgupta SVP & CTO, Data-Core, Systems, Philadelphia, AI Evangelist (USA).
10:20 AM - 10:30 AM	Interactive Session	
10:30 AM - 11:20 AM	Lecture II Bayesian Classification.	Dr. Pabitra Mitra, Professor, Indian Institute of Technology Kharagpur.
11:20 AM - 11:30 AM	Interactive Session	
11:30 AM - 12:20 PM	Lecture III Dealing with Textual Data.	Dr. Saptarsi Goswami, Assistant Professor, Bangabasi College, Kolkata.
12:20 PM - 12:30 PM	Interactive Session	
12:30 PM - 12:35 PM	Vote of Thanks	Mr. Samiran Acharyya



5<sup>th</sup> August 2020 (Day – II )

### Technical Session

Time	Topic	Speaker
10:00 AM - 10:50 AM	Lecture I Steganography - An Art of Hidden Communication.	Dr. Biswapati Jana, Associate Professor, Vidyasagar University, Medinipur.
10:50 AM – 11:00 AM	Interactive Session	
11:00 AM - 11:50 PM	Lecture II Statistical features for Neural Network Based Image Steganography.	Dr. Abhijit Mustafi, Associate Professor, BIT Mesra, Ranchi.
11:50 AM – 12:00 PM	Interactive Session	
12:00 PM - 12:50 PM	Lecture III Convolutional Neural Network & Keras.	Prof. Bibek Ranjan Ghosh, Assistant Professor, Ramakrishna Mission, Residential College, Narendrapur, Kolkata.
12:50 PM – 01:00 PM	Interactive Session	

### Valedictory Session

01:00 PM – 01:05 PM	Vote of Thanks	Dr. Bikash Kumar Ghosh, Secretary, Teachers' Council, Kharagpur College.
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