

**CITY COLLEGE**  
**VALUE ADDED COURSE**  
**ON**  
**ICT- BASICS OF CYBERSECURITY, ARTIFICIAL INTELLIGENCE AND NETWORKING**

**DATE : 07-01-2020 to 17-01-2020**

**TIME : 4.15 pm onwards**

**ROOM NO. : Zoology General Laboratory**



**CITY COLLEGE**

Affiliated to the University of Calcutta  
102/1, Raja Rammohan Sarani, Kolkata – 700009  
Phone : 033 2350 1565, Office : 033 2360 7463  
E-mail : [principal.citycollege@gmail.com](mailto:principal.citycollege@gmail.com)  
Website : [www.citycollegekolkata.org](http://www.citycollegekolkata.org)  
GST No. : 19CALC00619D1DE

Date :26.11.2019

**NOTICE**

This is for information for all the students that City College will be organizing a Value-Added Course (VAC) on ICT/Computing Skills entitled "Basics of Cyber Security, Artificial Intelligence and Networking" from 07-01-2020 to 17-01-2020 on our college campus. The course will have a total duration of 30 hours, spanning 10 working days, and students will be provided with certificates after successful completion of the course. The course will be conducted beyond regular college hours, i.e., from 4.15 PM to 7.30 PM.

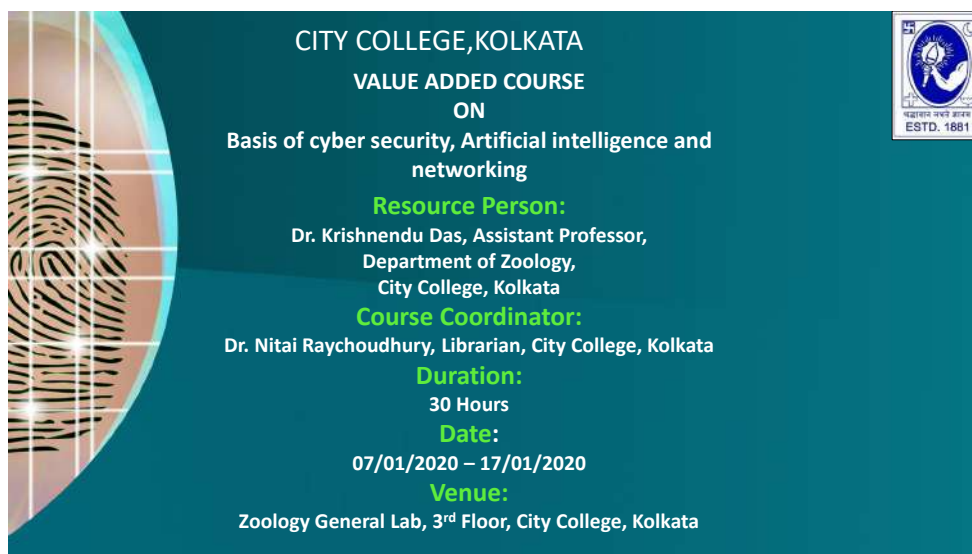
Dr. Krishnendu Das, Assistant Professor, Dept. of Zoology, City College will be the resource person for the above said course.

Interested students are asked to get in touch with the Course Coordinator Dr. Nitai Raychoudhury, Librarian, City College during working hours and get their names registered. The maximum intake capacity is 20 students for the said course and enrolment will be on first come first served basis.



*Sudat Chatterjee*  
Principal  
City College, Kolkata – 09.  
Principal  
CITY COLLEGE  
KOL-9  
28.11.2019

**PROGRAM FLYER:**



**CITY COLLEGE, KOLKATA**  
**VALUE ADDED COURSE**  
**ON**  
**Basis of cyber security, Artificial intelligence and networking**

**Resource Person:**  
Dr. Krishnendu Das, Assistant Professor,  
Department of Zoology,  
City College, Kolkata

**Course Coordinator:**  
Dr. Nitai Raychoudhury, Librarian, City College, Kolkata

**Duration:**  
30 Hours

**Date:**  
07/01/2020 – 17/01/2020

**Venue:**  
Zoology General Lab, 3<sup>rd</sup> Floor, City College, Kolkata

**INVITATION TO RESOURCE PERSON:**



**CITY COLLEGE**

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Phone : 033 2350 1565, Office : 033 2360 7463  
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Website : [www.citycollegekolkata.org](http://www.citycollegekolkata.org)  
GST No. : 19CALC00619D1DE

Date :26.11.2019

To  
Prof. Krishnendu Das  
Assistant Professor  
Department of Zoology  
City College

Dear Sir,

The IQAC, City College is pleased to organise a Value Added Course(VAC) on ICT/Computing Skills entitled “Basics of Cyber Security, Artificial Intelligence and Networking” from 07.01.2020 to 17.01.2020 in college premises. I would like to invite you to deliver the course as a resource person.

We hope for your kind cooperation. The participants will be benefitted a lot from your expertise on the course.



Principal  
CITY COLLEGE  
KOL-9

*Sat Chatterjee*  
Principal  
26.11.2019  
City College, Kolkata – 09.

**Report :**

City College, Kolkata-9 successfully organized a 10-day value-added course on Information and Communication Technology (ICT). The comprehensive curriculum covered key topics such as Cybersecurity, Cloud Computing, Blockchain Technology, Internet of Things (IoT), Data Science and Analytics, Artificial Intelligence (AI) and Machine Learning, Web Development, Mobile App Development, Database Management, Network Administration, Software Testing and Quality Assurance, and Digital Marketing. Participants engaged in a dynamic learning environment, acquiring practical skills and theoretical knowledge from expert instructors. The course aimed to equip students with a holistic understanding of current ICT trends, preparing them for the evolving demands of the technology landscape. The initiative reflects City College's commitment to fostering a tech-savvy and skilled workforce.

**PHOTOGRAPHS:**



**A Brief Course on ICT- BASICS OF CYBERSECURITY, ARTIFICIAL INTELLIGENCE AND NETWORKING  
(from 07.01.2020 to 17.01.2020)**

**Course Duration: 10 days**

**3 hours/day**

**Course Content:**

**Day1: Cybersecurity**

Basics of Cybersecurity  
Ethical Hacking  
Network Security  
Cloud Computing:

**Day2: Introduction to Cloud Computing**

Cloud Service Models (IaaS, PaaS, SaaS)  
Cloud Security  
Data Science and Analytics:

**Day3: Data Visualization**

Big Data Analytics  
Predictive Analytics

**Day4: Artificial Intelligence (AI) and Machine Learning**

Introduction to AI  
Machine Learning Algorithms  
Natural Language Processing  
Web Development:

**Day5: HTML, CSS, and JavaScript**

Front-end and Back-end Development  
Responsive Web Design  
Mobile App Development:

**Day6: Basics of Mobile App Development**

Android or iOS Development  
Cross-Platform App Development  
Database Management:

**Day7: Relational Database Management Systems (RDBMS)**

NoSQL Databases  
Database Security  
Network Administration:

**Day8: Introduction to Networking**

Network Design and Security  
Wireless Networking  
Software Testing and Quality Assurance:

**Day9: Basics of Software Testing**

Automated Testing Tools

Test Planning and Execution

Digital Marketing:

**Day 10: Social Media Marketing**

SEO and SEM

Analytics in Digital Marketing

**Resource Person:** Dr. Krishnendu Das (Dept. of Zoology, City College)

# Name of the Course: ICT-Basics of Cyber Security, Artificial Intelligence and Networking

Organized By : IQAC, City College

Attendance Sheet

Date: (From) (To): 07/01/2020 to 17/01/2020

Sl No.	Candidate ID	Semester	Name	Gender	Stream	Signature			
						Day 1		Day 2	
						Entry Time (4.15 PM)	Exit Time (Exit Time 7.30 PM)	Entry Time (4.15 PM)	Exit Time (Exit Time 7.30 PM)
1	1121025	Sem-3	DEBLINA PAUL	F	BNGA	D. Paul	D. Paul	D. Paul	D. Paul
2	1121026	Sem-3	AKASH MODAK	M	BNGA	Akash Modak	Akash Modak	Akash Modak	Akash Modak
3	1120122	Sem-3	QUEEN PARVIN	F	BOTA	Queen Parvin	Queen Parvin	Queen Parvin	Queen Parvin
4	1120128	Sem-3	ARIJEET MONDAL	M	BOTA	A. Mondal	A. Mondal	A. Mondal	A. Mondal
5	1120130	Sem-3	JYOTIRMOY BHAKTA	M	BOTA	J. Bhakta	J. Bhakta	J. Bhakta	J. Bhakta
6	1120133	Sem-3	PRAJESH ROY	M	BOTA	Prajesh Roy	Prajesh Roy	Prajesh Roy	Prajesh Roy
7	1120136	Sem-3	ADITYA DHAR	M	BOTA	A. Dhar	A. Dhar	A. Dhar	A. Dhar
8	1120033	Sem-3	PRIYALI RAKSHIT	F	CEMA	Priyali Rakshit	Priyali Rakshit	Priyali Rakshit	Priyali Rakshit
9	1120034	Sem-3	AMRITA KONER	F	CEMA	Amrita Koner	Amrita Koner	Amrita Koner	Amrita Koner
10	1120037	Sem-3	ANIRBAN GHOSAL	M	CEMA	Anirban Ghosal	Anirban Ghosal	Anirban Ghosal	Anirban Ghosal
11	1120040	Sem-3	SOHEL ALI	M	CEMA	Sohel Ali	Sohel Ali	Sohel Ali	Sohel Ali
12	1120372	Sem-3	PRIYANKO CHAKRABORTY	M	ECOA	Priyanko Chakraborty	Priyanko Chakraborty	Priyanko Chakraborty	Priyanko Chakraborty
13	1120387	Sem-3	DIPANJAN ROY CHOWDHURY	M	ECOA	D. Roychowdhury	D. Roychowdhury	D. Roychowdhury	D. Roychowdhury
14	1120166	Sem-3	AKASH MAITI	M	ENGA	Akash Maiti	Akash Maiti	Akash Maiti	Akash Maiti
15	1120182	Sem-3	NIJAMUDDIN MOLLA	M	ENGA	N. Molla	N. Molla	N. Molla	N. Molla
16	1120242	Sem-3	TRISHNA SAHA	F	HISA	Trishna Saha	Trishna Saha	Trishna Saha	Trishna Saha
17	1120244	Sem-3	ARPITA DEY	F	HISA	Arpita Dey	Arpita Dey	Arpita Dey	Arpita Dey
18	1120360	Sem-3	MIZANUR RAHMAN	M	ZOOA	M. Rahman	M. Rahman	M. Rahman	M. Rahman
19	1120362	Sem-3	DEBOJYOTI SOME	M	ZOOA	Debojyoti Some	Debojyoti Some	Debojyoti Some	Debojyoti Some
20	1121038	Sem-3	DIPA KUNDU	F	ZOOA	Dipa Kundu	Dipa Kundu	Dipa Kundu	Dipa Kundu

*Handwritten note:*  
17.01.20  
Course Condition

*Handwritten signature:*  
Principal  
CITY COLLEGE  
KOL-9



# Name of the Course: ICT-Basics of Cyber Security, Artificial Intelligence and Networking

Organized By : IQAC, City College

## Attendance Sheet

Date: (From) (To): 07/01/2020 to 17/01/2020

Sl No.	Candidate ID	Semester	Name	Gender	Stream	Signature			
						Day 3		Day 4	
						Entry Time (4.15 PM)	Exit Time (Exit Time 7.30 PM)	Entry Time (4.15 PM)	Exit Time (Exit Time 7.30 PM)
1	1121025	Sem-3	DEBLINA PAUL	F	BNGA	D. Paul	D. Paul	D. Paul	D. Paul
2	1121026	Sem-3	AKASH MODAK	M	BNGA	Akash Modak	Akash Modak	Akash Modak	Akash Modak
3	1120122	Sem-3	QUEEN PARVIN	F	BOTA	Queen Parvin	Queen Parvin	Queen Parvin	Queen Parvin
4	1120128	Sem-3	ARIJEET MONDAL	M	BOTA	A. Mondal	A. Mondal	A. Mondal	A. Mondal
5	1120130	Sem-3	JYOTIRMOY BHAKTA	M	BOTA	J. Bhakta	J. Bhakta	J. Bhakta	J. Bhakta
6	1120133	Sem-3	PRAJESH ROY	M	BOTA	Prajesh Roy	Prajesh Roy	Prajesh Roy	Prajesh Roy
7	1120136	Sem-3	ADITYA DHAR	M	BOTA	A. Dhar	A. Dhar	A. Dhar	A. Dhar
8	1120033	Sem-3	PRIYALI RAKSHIT	F	CEMA	Priyali Rakshit	Priyali Rakshit	Priyali Rakshit	Priyali Rakshit
9	1120034	Sem-3	AMRITA KONER	F	CEMA	Amrita Koner	Amrita Koner	Amrita Koner	Amrita Koner
10	1120037	Sem-3	ANIRBAN GHOSAL	M	CEMA	Anirban Ghosal	Anirban Ghosal	Anirban Ghosal	Anirban Ghosal
11	1120040	Sem-3	SOHEL ALI	M	CEMA	Sohel Ali	Sohel Ali	Sohel Ali	Sohel Ali
12	1120372	Sem-3	PRIYANKO CHAKRABORTY	M	EOCA	P. Chakraborty	P. Chakraborty	P. Chakraborty	P. Chakraborty
13	1120387	Sem-3	DIPANJAN ROY CHOWDHURY	M	EOCA	D. Roychowdhury	D. Roychowdhury	D. Roychowdhury	D. Roychowdhury
14	1120166	Sem-3	AKASH MAITI	M	ENGA	Akash Maiti	Akash Maiti	Akash Maiti	Akash Maiti
15	1120182	Sem-3	NIJAMUDDIN MOLLA	M	ENGA	N. Molla	N. Molla	N. Molla	N. Molla
16	1120242	Sem-3	TRISHNA SAHA	F	HISA	Trishna Saha	Trishna Saha	Trishna Saha	Trishna Saha
17	1120244	Sem-3	ARPITA DEY	F	HISA	Arpita Dey	Arpita Dey	Arpita Dey	Arpita Dey
18	1120360	Sem-3	MIZANUR RAHMAN	M	ZOOA	M. Rahman	M. Rahman	M. Rahman	M. Rahman
19	1120362	Sem-3	DEBOJYOTI SOME	M	ZOOA	Debojyoti Some	Debojyoti Some	Debojyoti Some	Debojyoti Some
20	1121038	Sem-3	DIPA KUNDU	F	ZOOA	Dipa Kundu	Dipa Kundu	Dipa Kundu	Dipa Kundu

*Handwritten signature*  
17.01.20  
Course Coordinator

*Handwritten signature*  
Principal  
CITY COLLEGE  
KOL-9



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Attendance Sheet

Date: (From) (To): 07/01/2020 to 17/01/2020

Sl No.	Candidate ID	Semester	Name	Gender	Stream	Signature			
						Day 5		Day 6	
						Entry Time (4.15 PM)	Exit Time (Exit Time 7.30 PM)	Entry Time (4.15 PM)	Exit Time (Exit Time 7.30 PM)
1	1121025	Sem-3	DEBLINA PAUL	F	BNGA	D. Paul	D. Paul	D. Paul	D. Paul
2	1121026	Sem-3	AKASH MODAK	M	BNGA	Akash Modak	Akash Modak	Akash Modak	Akash Modak
3	1120122	Sem-3	QUEEN PARVIN	F	BOTA	Queen Parvin	Queen Parvin	Queen Parvin	Queen Parvin
4	1120128	Sem-3	ARIJEET MONDAL	M	BOTA	A. Mondal	A. Mondal	A. Mondal	A. Mondal
5	1120130	Sem-3	JYOTIRMOY BHAKTA	M	BOTA	J. Bhakta	J. Bhakta	J. Bhakta	J. Bhakta
6	1120133	Sem-3	PRAJESH ROY	M	BOTA	Prajesh Roy	Prajesh Roy	Prajesh Roy	Prajesh Roy
7	1120136	Sem-3	ADITYA DHAR	M	BOTA	A. Dhar	A. Dhar	A. Dhar	A. Dhar
8	1120033	Sem-3	PRIYALI RAKSHIT	F	CEMA	Priyali Rakshit	Priyali Rakshit	Priyali Rakshit	Priyali Rakshit
9	1120034	Sem-3	AMRITA KONER	F	CEMA	Amrita Koner	Amrita Koner	Amrita Koner	Amrita Koner
10	1120037	Sem-3	ANIRBAN GHOSAL	M	CEMA	Anirban Ghosal	Anirban Ghosal	Anirban Ghosal	Anirban Ghosal
11	1120040	Sem-3	SOHEL ALI	M	CEMA	Sohel Ali	Sohel Ali	Sohel Ali	Sohel Ali
12	1120372	Sem-3	PRIYANKO CHAKRABORTY	M	EOCA	P. Chakraborty	P. Chakraborty	P. Chakraborty	P. Chakraborty
13	1120387	Sem-3	DIPANJAN ROY CHOWDHURY	M	EOCA	D. Roychowdhury	D. Roychowdhury	D. Roychowdhury	D. Roychowdhury
14	1120166	Sem-3	AKASH MAITI	M	ENGA	Akash Maiti	Akash Maiti	Akash Maiti	Akash Maiti
15	1120182	Sem-3	NIJAMUDDIN MOLLA	M	ENGA	N. Molla	N. Molla	N. Molla	N. Molla
16	1120242	Sem-3	TRISHNA SAHA	F	HISA	Trishna Saha	Trishna Saha	Trishna Saha	Trishna Saha
17	1120244	Sem-3	ARPITA DEY	F	HISA	Arpita Dey	Arpita Dey	Arpita Dey	Arpita Dey
18	1120360	Sem-3	MIZANUR RAHMAN	M	ZOOA	M. Rahman	M. Rahman	M. Rahman	M. Rahman
19	1120362	Sem-3	DEBOJYOTI SOME	M	ZOOA	Debojyoti Some	Debojyoti Some	Debojyoti Some	Debojyoti Some
20	1121038	Sem-3	DIPA KUNDU	F	ZOOA	Dipa Kundu	Dipa Kundu	Dipa Kundu	Dipa Kundu

*Done  
17.01.20  
Course Coordinator*

*Sat Chakraborty*  
Principal  
CITY COLLEGE  
KOL-9





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Page: 01 of 01 / 07/2020 to 17/01/2020

Date: (From) (To): 07/01/2020 to 17/01/2020

Sl No.	Candidate ID	Semester	Name	Gender	Stream	Signature			
						Day 7		Day 8	
						Entry Time (4.15 PM)	Exit Time (Exit Time 7.30 PM)	Entry Time (4.15 PM)	Exit Time (Exit Time 7.30 PM)
1	1121025	Sem-3	DEBLINA PAUL	F	BNGA	D. Paul	D. Paul	D. Paul	D. Paul
2	1121026	Sem-3	AKASH MODAK	M	BNGA	Akash Modak	Akash Modak	Akash Modak	Akash Modak
3	1120122	Sem-3	QUEEN PARVIN	F	BOTA	Queen Parvin	Queen Parvin	Queen Parvin	Queen Parvin
4	1120128	Sem-3	ARIJEET MONDAL	M	BOTA	A. Mondal	A. Mondal	A. Mondal	A. Mondal
5	1120130	Sem-3	JYOTIRMOY BHAKTA	M	BOTA	J. Bhakta	J. Bhakta	J. Bhakta	J. Bhakta
6	1120133	Sem-3	PRAJESH ROY	M	BOTA	Prajesh Roy	Prajesh Roy	Prajesh Roy	Prajesh Roy
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8	1120033	Sem-3	PRIYALI RAKSHIT	F	CEMA	Priyali Rakshit	Priyali Rakshit	Priyali Rakshit	Priyali Rakshit
9	1120034	Sem-3	AMRITA KONER	F	CEMA	Amrita Koner	Amrita Koner	Amrita Koner	Amrita Koner
10	1120037	Sem-3	ANIRBAN GHOSAL	M	CEMA	Anirban Ghosal	Anirban Ghosal	Anirban Ghosal	Anirban Ghosal
11	1120040	Sem-3	SOHEL ALI	M	CEMA	Sohel Ali	Sohel Ali	Sohel Ali	Sohel Ali
12	1120372	Sem-3	PRIYANKO CHAKRABORTY	M	EOCA	P. Chakraborty	P. Chakraborty	P. Chakraborty	P. Chakraborty
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17	1120244	Sem-3	ARPITA DEY	F	HISA	Arpita Dey	Arpita Dey	Arpita Dey	Arpita Dey
18	1120360	Sem-3	MIZANUR RAHMAN	M	ZOOA	M. Rahman	M. Rahman	M. Rahman	M. Rahman
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20	1121038	Sem-3	DIPA KUNDU	F	ZOOA	Dipa Kundu	Dipa Kundu	Dipa Kundu	Dipa Kundu

*Done  
17.01.20  
Course Coordinator*

*Satish Chatterjee*  
Principal  
CITY COLLEGE  
KOL-9



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Date: (From) (To): 07/01/2020 to 17/01/2020

Sl No.	Candidate ID	Semester	Name	Gender	Stream	Signature			
						Day 9		Day 10	
						Entry Time (4.15 PM)	Exit Time (Exit Time 7.30 PM)	Entry Time (4.15 PM)	Exit Time (Exit Time 7.30 PM)
1	1121025	Sem-3	DEBLINA PAUL	F	BNGA	D. Paul	D. Paul	D. Paul	D. Paul
2	1121026	Sem-3	AKASH MODAK	M	BNGA	Akash Modak	Akash Modak	Akash Modak	Akash Modak
3	1120122	Sem-3	QUEEN PARVIN	F	BOTA	Queen Parvin	Queen Parvin	Queen Parvin	Queen Parvin
4	1120128	Sem-3	ARIJEET MONDAL	M	BOTA	A. Mondal	A. Mondal	A. Mondal	A. Mondal
5	1120130	Sem-3	JYOTIRMOY BHAKTA	M	BOTA	J. Bhakta	J. Bhakta	J. Bhakta	J. Bhakta
6	1120133	Sem-3	PRAJESH ROY	M	BOTA	Prajesh Roy	Prajesh Roy	Prajesh Roy	Prajesh Roy
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10	1120037	Sem-3	ANIRBAN GHOSAL	M	CEMA	Anirban Ghosal	Anirban Ghosal	Anirban Ghosal	Anirban Ghosal
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18	1120360	Sem-3	MIZANUR RAHMAN	M	ZOOA	M. Rahman	M. Rahman	M. Rahman	M. Rahman
19	1120362	Sem-3	DEBOJYOTI SOME	M	ZOOA	Debojyoti Some	Debojyoti Some	Debojyoti Some	Debojyoti Some
20	1121038	Sem-3	DIPA KUNDU	F	ZOOA	Dipa Kundu	Dipa Kundu	Dipa Kundu	Dipa Kundu

*Amr  
17.01.20  
Course Coordinator*

*Siti Chatterjee*

Principal  
CITY COLLEGE  
KOL-9

