

# **ANNUAL REPORT**

## **2017-2018**



1<sup>st</sup> April 2017 – 31<sup>st</sup> March 2018

**Indian Institute of Information Technology Kalyani**

Webel IT Park, Kalyani – 741235

Nadia, West Bengal

<http://iiitkalyani.ac.in>

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## Governing Body

6<sup>th</sup>Governing Body (By Circulation, sent on 30<sup>th</sup> December 2017)

Sl. No.	Name	Role
1	Shri K. K. Sharma Secretary, Dept. of Higher Education, MHRD, New Delhi.	Chairman
2	Prof. Partha Pratim Chakrabarti Mentor Director, IIIT Kalyani & Director, IIT Kharagpur, West Bengal.	Member
3	Smt. Darshana M Dabral Joint Secretary & FA, Govt. of India, MHRD, New Delhi.	Member
4	Prof. Ajoy Kumar Ray, Former Mentor Director, IIIT, Kalyani & Director, IEST, Shibpur, West Bengal	Member
5	Shri Debasish Sen, IAS, Additional chief Secretary to the Govt. of West Bengal, Dept. of IT & E, West Bengal.	Member
6	Ms. Tripti Gurha Director, TS-I, Dept. of Higher Education, MHRD, New Delhi.	Member
7	Prof.(Dr.) Sankar Kumar Ghosh Vice-Chancellor, University of Kalyani, West Bengal.	Member
8	Shri Kaushik Halder, IAS. Commissioner, Dept. of IT&E, & Managing Director, WEBEL, Kolkata	Member
9	Shri S. N. Singh, General Manager (CSR/HRD), Coal India Ltd., West Bengal.	Member
10	Shri Kamal K. Singh, Managing Trustee, Rolta Foundation, West Bengal.	Member
11	Shri Alok Chakrabarti Senior Advisor, Rolta Group, Rolta India Limited, Mumbai.	Member
12	Shri Praveer Kumar Saxena Under Secretary, TS-I, Govt. of India, Dept. of Higher Education, MHRD.	Member

## Finance Committee

Finance Advisory Committee (as on meeting dated 29/04/2017)

Sl. No.	Name	Role
1	Prof. Anupam Basu Executive Director/Professor-in-Charge IIIT Kalyani	Chairman
2	Prof. Bhrigu Nath Singh Dean, HR IIT, Kharagpur	Member
3	Mr. Gour Krishna Pattanayak Finance Officer Jadavpur University	Member
4	Mr. S. N. Datta Registrar (Offg.) IIIT Kalyani	Member
<b>The following persons were also present in the meeting</b>		
5	Dr. Sandip Karmakar Assistant Professor IIIT Kalyani	Special Invitee
6	Dr. Hafizul Islam Assistant Professor IIIT Kalyani	Special Invitee
7	Shri Amalesh Chandra Saha Assistant Registrar (Admin) IIIT Kalyani	Special Invitee
8	Dr. Madhumita Sengupta Assistant Registrar IIIT Kalyani	Special Invitee

## Administrative Heads

Sl No.	Position	Name	Affiliation	Tenure
1.	Mentor Director	Prof. Partha Pratim Chakrabarti	Director, Indian Institute of Technology, Kharagpur	Since February 2017
2.	Executive Director	Prof. Anupam Basu	Director, National Institute of Technology, Durgapur	Since February 2017
3.	Registrar (offg.)	Mr. Sambhunath Datta	Deputy Registrar & Finance Officer, IEST, Shibpur.	Since August 2016

## Faculty-in-charge

Sl No.	Position	Name	Affiliation	Tenure
1	Faculty Coordinator	Dr. Uma Das	Assistant Professor, IIIT Kalyani	Since March 2017
2	Faculty-in-charge, Library	Dr. Imon Mukherjee	Assistant Professor, IIIT Kalyani	Since August 2016
3	Faculty-in-charge, SRIC	Dr. Sandip Karmakar	Assistant Professor, IIIT Kalyani	Since August 2017
4	Faculty Incharge, UG Admissions	Dr. Uma Das	Assistant Professor, IIIT Kalyani	Since March 2017
5	Warden, Girls' Hostel	Dr. Uma Das	Assistant Professor, IIIT Kalyani	Since July 2016
6	Warden, Boys' hostel	Dr. SK. Hafizul Islam	Assistant Professor, IIIT Kalyani	Since August 2016
7	Faculty In charge, Student Activities & Gymkhana President	Dr. SK. Hafizul Islam	Assistant Professor, IIIT Kalyani	Since August 2017
8	Faculty Incharge, PhD Admissions	Dr. Imon Mukherjee	Assistant Professor, IIIT Kalyani	Since September 2017

## Officers

Sl No.	Position	Name	Tenure
1.	Assistant Registrar (Administration)	Mr. Amalesh Chandra Saha	July 2014 – till date
2.	Assistant Registrar (Finance)	Mr. Mrityunjoy Dey	July 2014 – till date
3.	Assistant Registrar	Dr. Madhumita Sengupta	October 2016 – till date
4.	Training and Placement Officer	Mr. Sudeep Chowdhury	April 2017 – till date

## Director's Report

IIIT Kalyani was set up in the year 2014 (21<sup>st</sup> May, 2014) by MHRD (Government of India), Government of West Bengal and Industry Partners on a N-PPP basis. The Institute was declared as an Institute of National Importance as per “The Indian Institutes of Information Technology (Public-Private Partnership) Act, 2017 No. 23 of 2017”. IIIT Kalyani aims to excel in education and research in Information Technology and allied disciplines and is committed to provide state-of-the-art technical education in computer science, as also to catalyze transmission of knowledge through the latest advancements in pedagogy. We all are aware of the pivotal role India plays in the modern day digital world fueled by her expertise in Information Technology. Taking a cue from this, IIIT Kalyani was established by Government of India to synchronize the growing demand for Information Technology.

### Academic Units

IIIT Kalyani currently has five basic academic units that form the basic academic units, namely Computer Science and Engineering (CSE); Electronics and Communication Engineering (ECE); Mathematics (MA); Physics (PH); and Humanities (HU).

### Academic Programmes

The academic structure of IIIT Kalyani exhibits the diversity, comprehensiveness and depth befitting an institution of its age and stature. The programme/course offered at the Institute have the flexibility to evolve and change in response to new requirements and serve the dual purpose of building a solid foundation of knowledge while enhancing confidence, creativity and innovation among the students. A unique attribute of IIIT Kalyani's academic structure is the autonomy enjoyed by the faculty in designing and structuring their curriculum and courses. While the individual departments form the basic academic units and deliver the respective courses, some courses are offered jointly by multiple academic units and are classified as interdisciplinary courses. The institute offered B.Tech degree in Information Technology, and Computer Science and Engineering for 2014-2018, 2015-2019, and 2016-2020 batches and B.Tech degree in Computer Science and Engineering from 2017-2021 batch and onwards. The institute offered an opportunity for all students of Information Technology to convert to Computer Science and Engineering before they graduated and all of them utilized this opportunity to convert and obtain degrees in Computer Science and Engineering.

A favorable student-teacher ratio ensures productive, personal contact between the student and the teacher. The credit-based academic programmes of the institute offer flexibility to students to progress at their own pace.

### Undergraduate Programme

The undergraduate programme aims to mold young talents as engineers who can recognize and solve problems in different technical and social domains. The main emphasis of the program is to instill inquisitive thinking and curiosity with a sense of service to the nation and society at large.

Currently, IIIT Kalyani is offering only B.Tech. in Computer Science and Engineering (130 seats) since 2017. The Institute has designed its course structure based on the curriculum of IIT Kharagpur, NIT Durgapur and other reputed institutes of national importance, and aligning the curriculum as per projected industry need. This has been the rationale of incorporating career-oriented subjects like Artificial Intelligence, Machine Learning, Deep Learning, Data Analytics, IOT, GIS, etc., into the curriculum (some as compulsory subjects while others as electives). Compulsory project work is included in the curriculum for third year and fourth year students. Students are envisaged to learn the practical application of Artificial Intelligence, Machine Learning, Deep Learning, Data Analytics, Computer Vision, etc., while doing their project work.

### Ph D Program

To foster research activities and develop a progressive research environment, IIIT Kalyani also initiated the Ph D Program during the beginning of 2018. Initially, part time PhD students were enrolled who were selected based on a written test followed by an interview.

### Faculty and Academic Staff

IIIT Kalyani has the following regular faculty and academic staff. The detailed strength is given below (Table -1).

**Table -1**

S. No.	Employee	Stream	Number
1	Assistant Professors	Computer Sci. & Eng.	6
2	Assistant Professor	Electronics & Comm Eng.	2
3	Assistant Professor	Physics	1
4	Technical Assistants	CSE	1
5	Technical Assistant	ECE	1

The current incumbents to the above positions are summarized in Table-2.

**Table - 2**

<b>Faculty Coordinator</b>
Dr. Uma Das
<b>Computer Science and Engineering (CSE)</b>
<ul style="list-style-type: none"> <li>• Dr. Imon Mukherjee</li> <li>• Dr. SK Hafizul Islam</li> <li>• Dr. Sandip Karmakar</li> <li>• Dr. Sanjoy Pratihar</li> <li>• Dr. Oishila Bandyopadhyay</li> <li>• Dr. Sanjay Chatterji</li> </ul>
<b>Electronics and Communication Engineering (ECE)</b>
<ul style="list-style-type: none"> <li>• Dr. Tamal Ghosh</li> <li>• Dr. Dalia Nandi</li> </ul>
<b>Physics</b>
<ul style="list-style-type: none"> <li>• Dr. Uma Das</li> </ul>

## Details of Faculty Members

### *Unit: Computer Science and Engineering*

#### **Dr. Imon Mukherjee**

Ph.D. [Jadavpur University]

Tenure: 01.07.2016 – till date

Area of Interest:

Information Security, Data Analytics, Computer Vision



Recent Publications:

1. Paul, G., Davidson, I., Mukherjee, I., and Ravi, S, S., “Keyless Dynamic Optimal Steganography using Energetic Pixels”, *Multimedia Tools and Applications*, Vol. 76, Issue 5, pp. 7445–7471, 2017, Springer-US, DOI: 10.1007/s11042-016-3319-0 [SCI(E) indexed]
2. Mukherjee, I., Ganguly, R., “Multiple video clips preservation using folded back audio-visual cryptography scheme”, *Multimedia Tools and Applications*, 2017, Springer, DOI: 10.1007/s11042-017-4431-5 [SCI(E) indexed]

**Dr. SK Hafizul Islam**

Ph.D. [IIT(ISM) Dhanbad]

Tenure: 01.07.2016 – till date

## Area of Interest:

Cryptography, Information Security , Network Security, Cloud Computing, IoT, Authentication, Provable Security, Security in VANETs



## Recent Publications:

1. A. Karati, **SK Hafizul Islam**, G. P. Biswas, “A Pairing-free and Provably Secure Certificateless Signature Scheme”, *Information Sciences*, Vol. 450, pp. 378-391, 2018.
2. R. Amin, **SK Hafizul Islam**, N. Kumar, K-K. R. Choo, “An Untraceable and Anonymous Password Authentication Protocol for WSNs”, *Journal of Network and Computer Applications*, Vol. 104, pp. 133-144, 2018.
3. P. Gope, **SK Hafizul Islam**, M. S. Obaidat, R. Amin, P. Vijayakumar, “Anonymous and Expeditious Mobile User Authentication Scheme for GLOMONET Environments”, *International Journal of Communication Systems*, Vol. 31, No. 2, pp. e3461, 2018.
4. D. Mishra, P. Vijayakumar, V. Sureshkumar, R. Amin, **SK Hafizul Islam**, P. Gope, “Efficient Authentication Protocol for Secure Multimedia Communications in IoT-enabled Wireless Sensor Networks”, *Multimedia Tools and Applications* Vol. 77, No. 14, pp. 18295-18325, 2018.
5. **SK Hafizul Islam**, M. S. Obaidat, P. Vijayakumar, E. Abdulhay, F. Li, M.K.C. Reddy, “A Robust and Efficient Password-based Conditional Privacy Preserving Authentication and Group-Key Agreement Protocol for VANETs”, *Future Generation Computer Systems*, Vol. 84, pp. 216-227, 2018.
6. **SK Hafizul Islam**, A. K. Das, M. K. Khan, “An efficient biometric-based password authentication scheme for client-server environment using ECC and fuzzy extractor”, *International Journal of Ad Hoc and Ubiquitous Computing*, Vol. 27, no. 2, pp. 138-155, 2018.
7. R. Amin, **SK Hafizul Islam**, P. Vijayakumar, M. K. Khan, V. Chang, “A Robust and Efficient Bilinear Pairing Based Mutual Authentication and Session Key Verification Scheme Over Insecure Communication”, *Multimedia Tools and Applications*, Vol. 77, No. 9, pp. 11041-11066, 2018.
8. P. Gope, R. Amin, **SK Hafizul Islam**, N. Kumar, V. K. Bhalla, “Lightweight and privacy-preserving RFID authentication scheme for distributed IoT infrastructure with secure localization services for smart city environment”, *Future Generation Computer Systems*, Vol. 83, pp. 629-637, 2018.

9. R. Amin, R. S. Sherratt, D. Giri, **SK Hafizul Islam**, M. K. Khan, “A Software Agent Enabled Biometric Security Algorithm for Secure File Access in Consumer Storage Devices”, IEEE Transaction on Consumer Electronics, Vol. 63, No. 1, pp. 53-61, 2017.
10. R. Amin, **SK Hafizul Islam**, M.S. Obaidat, G. P. Biswas, K-F. Hsiao, “An Anonymous and Robust Multi-server Authentication Protocol using Multiple Registration-servers”, International Journal of Communication Systems, Vol. 30, No. 18, pp. e3457, 2017.
11. M.S. Farash, S.A. Chaudhry, **SK Hafizul Islam**, M.A.K. Khattak, A. Albeshri, “Security Vulnerabilities and Improvements of SPAM: A Secure Password Authentication Mechanism for Seamless Handover in Proxy Mobile IPv6 Networks”, Information Technology and Control, Vol. 46, No. 2, pp. 39-52, 2017.

### ***Dr. Sandip Karmakar***

Ph.D. [IIT Kharagpur]

Tenure: 08.07.2016 – till date

Area of Interest:

cryptography, cryptanalysis and cellular automata



### ***Dr. Sanjoy Pratihar***

Ph.D. [IIT Kharagpur]

Tenure: 22.09.2017 – till date

Area of Interest:

Computer Vision, Digital Geometry , Low-level Image Processing, Document Image Processing



### **Recent Publications:**

1. S. Pratihar and P. Bhowmick, On Farey Sequence and its Augmentation for Applications to Image Analysis, International Journal of Applied Mathematics and Computer Science (AMCS), Vol. 27(3), pp. 637-658, 2017.

**Dr. Oishila Bandyopadhyay**

Ph.D. [IEST Shibpur]

Tenure: 13.10.2017 – till date

Area of Interest:

Medical Image Processing, Computer Vision, Digital Geometry.



## Recent Publications:

1. **O. Bandyopadhyay**, T. Dutta, N. Dutta, A. Biswas, B. B. Bhattacharya, “Structural Feature Analysis of the Vascular Network in Retinal Images,” *Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization*, doi: <https://doi.org/10.1080/21681163.2017.1402210>, 2017

## Conferences

1. U. K. Kamila, **O. Bandyopadhyay**, A. Biswas, “Detection of Hemorrhagic region in Brain MRI”, *International Conference on Communication, Computing and Networking, LNNS 46*, pp. 383 – 391, 2018
2. S. Mukherjee, **O. Bandyopadhyay**, A. Biswas, B. B. Bhattacharya, “Does Rotation Influence the Estimated Contour Length of A Digital Object?”, *Pattern Recognition and Machine Intelligence (PReMI), LNCS 10597*, pp. 179-186, 2017

**Dr. Sanjay Chatterji**

Ph.D. [IIT Kharagpur]

Tenure : 02.11.2017 – till date

Area of Interest:

Machine Learning, Natural Language Processing, Information Retrieval, Data Analytics.



### *Unit: Electronics and Communication Engineering*

#### **Dr. Tamal Ghosh**

Ph.D. [University of Calcutta]  
Tenure : 05.09.2017 – till date

#### Area of Interest:

Microelectronics, Semiconductor Devices,  
Semiconductor Physics, Nanotechnology



#### Recent Publications:

1. Panigrahi, A. K., Ghosh, T., Vanjari, S. R. K., & Singh, S. G. (2017). Demonstration of Sub 150° C Cu-Cu thermocompression bonding for 3D IC applications, utilizing an ultra-thin layer of Manganin alloy as an effective surface passivation layer. Materials Letters. Volume 194, 1 May 2017, Pages 86-89, ISSN 0167-577X

#### **Dr. Dalia Nandi (Das)**

Ph.D. [University of Calcutta]  
Tenure : 21.09.2017 – till date

#### Area of Interest:

5G and beyond, Iot based Embedded system, Radio wave propagation, Satellite communication, RF and microwaves.



### *Unit: Physics*

#### **Dr. Uma Das**

Ph.D. [Physical Research Laboratory,  
Ahmedabad]  
Tenure : 22.06.2016 – till date

#### Area of Interest:

Upper Atmosphere, Atmospheric Dynamics. Airglow and Aurora, Rocket and satellite instrumentation, Seismogenic Ionosphere, Satellite Data mining.



### Papers Presented in Conferences

1. C. J. Pan, **Uma Das**, H. C. Lai, 'Effect of Kelvin Waves on Stratospheric QBO during El Nino Periods using ECMWF Reanalysis Data', Japan Geoscience Union Meeting, 20-25 May 2017.
2. H.C. Lai, **Uma Das** and C. J. Pan, 'Study on the Vertical Wavelength of the Atmospheric Kelvin Waves', Japan Geoscience Union Meeting, 20-25 May 2017.
3. **Uma Das** and C. J. Pan, 'Atmospheric Kelvin Waves during El Nino periods from ECMWF reanalysis data', UPCAR (Understanding, Predicting and projecting Climate change over Asian Region), 26-28 June 2017 at Tirupati.

### Technical Assistant Details:

Name	Qualification	Area of Interest	Assigned Lab	Technical Expertise
Mr. Samim Rahaman (Tenure - 14.10.2016–till date)	MCA	1.DBMS 2.Python	Java,Python ,C++ , C, DBMS ,Compiler Operating System, Algorithm,C lab, Data Structure	Information Technology Enabled Services, Computer Training For Hardware Network.
Mr. Amit Kumar Sadhukhan (Tenure - 18.10.2016–till date)	B.Tech (ECE)	a) VLSI Design b) Developing Arduino and Raspberry	1.Labs : Digital electronics, Analog Electronics, Microprocessor and Microcontroller , C lab, Data Structure Lab	Micro architecture, Clocks, Combinational & Sequential logic, Various Circuit law along with their Circuit based analysis, rectifier circuits,Good knowledge in practical's on micro controllers (8085, 8051), Debugging skills – Basic Electronics Debugs and Troubleshooting

In addition, IIT Kalyani has many visiting faculty members (including senior professors) from IIT Kharagpur, IEST Shibpur and other reputed institutes and industries who take various courses for all four batches of students.

### Details of Guest Faculty

July 2017 to December 2017

Sl. No.	Guest Faculty Name	Affiliation
1	Prof. Goutam Biswas	Retd., IIT Kharagpur.
2	Prof. Tarak Kumar Bandyopadhyay	Hoogly Institute Of Technology, Ex-Principal West Bengal Survey Institute Bandel, Hoogly
3	Dr. Samaresh Pal	Kalyani University
4	Prof. Mallika Banerjee	Retd. Ex Prof. Calcutta University

5	Dr. Manjira Sinha	Iit Kharagpur
6	Dr. Asit Kumar Das	Iiest, Shibpur
7	Dr. Pradipta Bhattacharya	Rishi Bankim Chandra College
8	Dr. Pranab Roy	Iiest, Shibpur
9	Prof. Aruna Chakraborty	St. Thomas' College Of Engineering And Technology
10	Dr. Niladri Chatterjee	Kalyani Government Engineering College
11	Mr. Soumyadeb Hui	St. Games' School
12	Prof. Soma Mukherjee	Kalyani University
<b>Sl. No.</b>	<b>Part-Time Technical Assistant Name</b>	<b>Affiliation</b>
1	Mr. Goutam Pal	Iiest, Shibpur

### January 2018 to June 2018

<b>Sl. No.</b>	<b>Guest Faculty Name</b>	<b>Affiliation</b>
1	Prof.Goutam Biswas.	Retd., Iit Kharagpur.
2	Prof.Mallika Banerjee	Retd. Professor, Calcutta University
3	Dr. Aruna Chakrabarti	St. Thomas' College Of Engineering And Technology
4	Dr.Manjira Sinha	Iit Kharagpur
5	Prof. Tarak Kumar Bandyopadhyay	Hoogly Institute Of Technology, Ex-Principal West Bengal Servey Institute Bandel, Hoogly
6	Dr. Pradipta Bhattacharya	Rishi Bankim Chandra College
7	Dr. Nirnay Ghosh	Former Post Doctoral Research Fellow, Missouri University Of Science And Technology, Usa

## Admission

The Institute currently admits students at the undergraduate level.

IIIT Kalyani's B.Tech. programme admits 130 students in Computer Science and Engineering (CSE) through Joint Seat Allocation Authority (JoSAA) based on the results of the JEE (Main) examination administered by Central Board of Secondary Education (CBSE). The year-wise detail is given in Table – 3.

**Table -3**

Sl. No.	Batch	Approved No. of Seats	Admitted Strength	Boys	Girls
1	2017-21	130(CSE)	97	85	12

Quota	GEN	SC	ST	OBC-NCL	OBC-NCL(PWD)
Admitted	41	15	7	33	0

2017-2018 DROPOUT-(2 OUT OF 97) = 95

## Academic Calendar

The academic session begins in the first week of July every year and ends in last week of April. It has two semesters:

Autumn Semester: From the first week of July to the last week of November

Spring Semester: From the first week of January to the last week of April/first week of May.

The exact dates of all important events, such as orientation, registration, late registration, commencement of classes, submission of documents, examinations, submission of grades, vacation, mid-semester recess, etc., during the Academic Session are specified in the Academic Calendar of the Institute. Academic calendar is published in the Institute website ([www.iiitkalyani.ac.in](http://www.iiitkalyani.ac.in)) at the beginning of every academic session.

**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY***(Autonomous institution under MHRD, Govt. of India)**Department of Information Technology & Electronics, Govt. of West Bengal***Academic Calendar for the Year Jan-Dec 2017****(Subject to approval of the Competent Authority)****Odd Semester**

<b>Institute Reopens</b>	<b>10th January, 2017 (Tuesday)</b>
Last date for Semester Registration (Fee Deposition)	13th January, 2017 (Friday)
Commencement of classes	10th January, 2017 (Tuesday)
Semester Late Registration (Fee Deposition)	14 <sup>th</sup> January (Saturday) – 25 <sup>th</sup> January (Wednesday), 2017
#Back Paper Examination -	-
<b>#Mid Semester Theory Examination -</b>	<b>1st March (Wednesday) – 11th March (Saturday) 2017</b>
#End Semester Practical Examination -	29 <sup>th</sup> April (Saturday) – 06 <sup>th</sup> May (Saturday), 2017
Last Date for finalizing options for electives of next semester	06 <sup>th</sup> May (Saturday), 2017
<b>#End Semester Theory Examination -</b>	<b>09<sup>th</sup> May (Tuesday) -18<sup>th</sup> May (Thursday), 2017</b>
End Sem. Break -	19th May (Friday) – 17 <sup>th</sup> July (Monday), 2017
Deadline for declaration of Grades by all Faculty members -	20 <sup>th</sup> June (Tuesday), 2017
Date of starting the Grade Card distribution by the examination cell -	18 <sup>th</sup> July (Tuesday), 2017
<b>Institute Reopens</b>	<b>18<sup>th</sup> July (Tuesday), 2017</b>

## January

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## February

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

## March

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

## April

Su	Mo	Tu	We	Th	Fr	Sa
30						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

## May

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

## June

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY**

*(Autonomous institution under MHRD, Govt. of India)*

*Department of Information Technology & Electronics, Govt. of West Bengal)*

**Academic Calendar for the Year Jan-Dec 2017**

**(Subject to approval of the Competent Authority)**

**Even Semester**

<b>Institute Reopens</b>	<b>18<sup>st</sup> July (Tuesday), 2017</b>
Commencement of classes	18 <sup>th</sup> July (Tuesday), 2017
Last date for Semester Registration (Fee Deposition)	21 <sup>th</sup> July (Friday), 2017
Semester Late Registration (Fee Deposition)	22 <sup>th</sup> July (Saturday) 1 <sup>th</sup> August (Tuesday), 2017
#Back Paper Examination -	-
<b>#Mid Semester Theory Examination -</b>	<b>15<sup>th</sup> September (Friday) – 23<sup>rd</sup> September (Saturday), 2017</b>
Autumn Vacation / Puja Vacation -	26 <sup>th</sup> September (Tuesday) - 30 <sup>th</sup> October (Saturday), 2017
#End Semester Practical Examination -	11 <sup>th</sup> November (Saturday) to 18 <sup>th</sup> November (Saturday), 2017
<b>#End Semester Theory Examination -</b>	<b>21<sup>st</sup> November (Tuesday) – 30<sup>th</sup> November (Thursday), 2017</b>
Last Date for finalizing options for elective	18 <sup>th</sup> November (Saturday), 2017
End Sem. Break -	1 <sup>st</sup> December, 2017 (Friday) – 1 <sup>st</sup> January, 2018 (Monday)
Deadline for declaration of Grades by all Faculty members –	30 <sup>th</sup> December (Saturday), 2017
Date of starting the Grade Card distribution by the exam cell –	16 <sup>th</sup> January (Tuesday), 2018
<b>Institute Reopens</b>	<b>2<sup>nd</sup> January (Tuesday), 2018</b>

July							August							September						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
30	31					1			1	2	3	4	5						1	2
2	3	4	5	6	7	8	6	7	8	9	10	11	12	3	4	5	6	7	8	9
9	10	11	12	13	14	15	13	14	15	16	17	18	19	10	11	12	13	14	15	16
16	17	18	19	20	21	22	20	21	22	23	24	25	26	17	18	19	20	21	22	23
23	24	25	26	27	28	29	27	28	29	30	31			24	25	26	27	28	29	30
October							November							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7				1	2	3	4	31					1	2
8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
29	30	31					26	27	28	29	30			24	25	26	27	28	29	30

**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY***(Autonomous institution under MHRD, Govt. of India**& Department of Information Technology & Electronics, Govt. of West Bengal)***Academic Calendar for the Year Jan-Dec 2017****(Subject to approval of the Competent Authority)***List of Holidays*

Sl. No	Holiday/Occasion	Date	Day of the Week
1.	Republic Day	January 26	Thursday
2.	Sri Panchami / Basant Panchami	February 01	Wednesday
3.	Mahavir Jayanti	April 09	Sunday
4.	Good Friday	April 14	Friday
5.	Buddha Purnima	May 10	Wednesday
6.	Id-ul-Fitr *	June 26	Monday
7.	Independence Day	August 15	Tuesday
8.	Id-ul-Zuha* (Bakrid)	September 02	Saturday
9.	Dussehra (Maha Ashtami)	September 28	Thursday
10.	Dussehra (Vijaya Dashami)	September 30	Saturday
11.	Muharram*	October 01	Sunday
12.	Mahatma Gandhi's Birthday	October 02	Monday
13.	Diwali (Deepavali)	October 19	Thursday
14.	Bhai Duj	October 21	Saturday
15.	Guru Nanak's Birthday	November 04	Saturday
16.	Milad-Un-Nabi or Id-E-Milad(birthday of Prophet Mohammad)	December 02	Saturday
17.	Christmas Day	December 25	Monday

## Career Development

IIIT Kalyani has a full-time training and placement officer (contractual) having a Training and Placement Cell (T&P Cell) consisting of student representatives. The T&P Cell works under the guidance of Career Development Center (CDC) of IIT Kharagpur as and when necessary. This cell is responsible for arranging industrial training for 3<sup>rd</sup> year B.Tech students and placement of 4<sup>th</sup> year students and is actively engaged in developing good relationship between Institute and various industries.

## Placement

IIIT Kalyani has a full-time training and placement officer who heads the Training and Placement Cell (T&P Cell) that also consist of student representatives. Presently, the T&P Cell works under the guidance of IIT Kharagpur as and when necessary.

For first batch (2014-2018), the T&P Cell with help of Executive Director and Mentor Director put up a commendable performance of more than 85% placement. Two students have planned their higher studies at IIM Bangalore and IIT Bombay. The students are receiving offers from both on-campus and online/off-campus selection process. The statistics are:

Batch	2014-2018
<b>Total Students Registered</b>	40
<b>Total Jobs Offered</b>	44
<b>Average Salary</b>	3 LPA
<b>Total Students Selected</b>	32
<b>Students Pursuing Higher Studies</b>	2
<b>Students Starting their Own Company</b>	0
<b>Highest Salary</b>	10 LPA
<b>Percentage of Students Placed</b>	~85%

## Internships

The Institute has arranged 100% summer internships for all students of 1<sup>st</sup>(2014-2018) and 2<sup>nd</sup> (2015-2019) batches in the years 2017 and 2018, respectively in reputed institutes like IIT Kharagpur/Bombay/Patna, NIT's, IISc, VECC and home internships from IIT Bhubaneswar, IIIT Sri City etc. Some internships were arranged in Industries (C-DAC, MAQ, Skybits) also.

**INTERNSHIP DETAILS FOR 2014-2018 BATCH (Summer of 2017)**

SL NO	INSTITUTE	NO. OF STUDENTS	MENTOR
1	IIT Kharagpur	7	Prof. Pabitra Mitra
		2	Prof. Jiaul Hoque Paik
		2	Prof. Plaban Bhowmik
		2	Prof. Shyamal Das Mondal
2	IIT Mumbai	2	Prof. Subhasish Chaudhari
3	NDL	4	Prof. P P Das
4	FOSSEE	3	
5	IISC Bangalore	1	Prof. Pradipta Biswas
6	CDAC Kolkata	4	Dr. Amit Choudhury
7	CDAC, Pune	3	Dr. Hemanth Darbari
8	Variable Energy Cyclotron Centre (VECC)	4	Mr. Maharaj
9	SNLTR	2	Promotes Mondal
10	SpinLogics, Hyderabad	1	C. Sudeep Reddy
11	Skybit Technologies	3	Tirthankar Banerjee
<b>Total</b>		40 (100%)	

**INTERNSHIP DETAILS 2015-2019 BATCH (for Summer of 2018)**

Sl. No.	INSTITUTE	NO. OF STUDENTS	MENTOR
1	IIT Kharagpur	2	Dr. Jayanta Mukhopadhyay
2	IIT Patna	6	Dr. Asif Ekbal/Dr. Abyayananda Maiti
3	NIT Durgapur	4	Dr. Bibhash Sen
4	NIT Kurukshetra	4	Dr. Kapil/Dr. Sarika Jain
5.	IIIT Jabalpur	3	Dr. Ayan Seal
6	IIT Mumbai	1	Dr. D B Bhagat
8.	IISC Bangalore	1	Dr. Pradipta Biswas
9.	IIT Bhubaneswar (Home Internship)	16	Dr. D.P. Dogra
10	IIIT Sri City (Home Internship)	12	Dr. R. Prasath

<b>11</b>	C-DAC Pune	1	
<b>12</b>	VECC	2	
<b>13</b>	Industry	8	Skybits, Honcho
<b>14</b>	Internshala (Industry)	6	
<b>15</b>	Own arrangement	4	
<b>Total</b>		70 (100%)	

## Research Collaborations

The Institute has signed MOUs with reputed national and international institutes for research collaborations.

1. Institute of Space Science, National Central University, Jhongli, Taiwan (October 2016)
2. Bose Institute, Kolkata (December 2016)

Presently, faculty members have submitted project proposals on Atmospheric science, Cryptography and other domains to various funding authorities.

## Student Achievements

IIIT Kalyani believes in close faculty-student interaction to foster intellectual growth among students. Faculty members of IIIT Kalyani often encourage their students to excel their ideas through project and research work. IIIT Kalyani is feeling proud to see the students' accomplishments.

## Student Publications

International Conference: 4  
National Conference: 0  
International/National Journal: 0  
Book Chapter: 0

1. **A. Sahay** and P. Biswas: Webcam Based Eye Gaze Tracking Using a Landmark Detector. In Proceedings of the 10th Annual ACM India Compute Conference (Compute '17). ACM, New York, NY, USA, 31-37, 2017. DOI: <https://doi.org/10.1145/3140107.3140117> (received Best Paper Award)
2. N. Kumar and **M. Dubey**: DataBros @ Information Retrieval from MicroBlogs During Disasters (IRMiDis), Forum for Information Retrieval Evaluation (FIRE), IISC Bangalore, 2017.

3. **A. Mukhopadhyay**, L. Murthy, M. Arora, A. Chakrobarty, I. Mukherjee, P. Biswas: PCB Inspection in the Context of Smart Manufacturing, Research into Design for a Connected World (ICoRD 2019), 655-663, IISc Bengaluru, India.
4. **A Agarwal**, DV JeevithaShree, KS Saluja, **A Sahay**, P Mounika, A Sahu: Comparing Two Webcam-Based Eye Gaze Trackers for Users with Severe Speech and Motor Impairment, Research into Design for a Connected World (ICoRD 2019), 641-652, IISc Bangalore, India, 2019. (Book Chapter)

## Coding Competitions and Hackathons

The faculty members guide students to identify different technical themes and motivate them to propose new ideas. The Institute Innovation Council (IIC) of IIIT Kalyani organizes idea presentation workshop for hackathons. IIIT Kalyani students participate in different coding competitions and Hackathons. The students achieved success in national level also.

1. Students Shad Aman and Anubhav Patel secured 1st rank out of 13000+ participants in Codechef's October Long challenge.
2. Gurpreet Singh secured global rank 29 in Code chef's LunchTime 62 among 1900+ students.
3. Shubham Kumar Singh Rajput secured rank 39 in CodeChef's August LunchTime among ~2000 students.
4. Shad Aman and Anubhav Patel secured 1st rank out of 13000+ participants in CodeChef's October Long challenge

## Sports

Students have also participated in national level sports events organized by other IITs and IIITs. With the financial support in each such event and faculty members and officers accompany the student group every time to encourage them.

## Seminars/Workshops

In past few years IIIT Kalyani has organized several seminars, lectures and workshops.

- A Workshop on "Python and its application with IoT" was held during 25th - 26th March 2018) Eminent speakers from Industry were invited who gave very interesting lectures to IIIT Students.

1. Ms. Yashi Asthana (Chief Executive Officer, Softpro India)
  2. Mr. Brijesh Mishra (Sr. Manager IT, Softpro India)
  3. Mr. Rohit Kumar (Sr. Software Engineer, Softpro India)
- NASCOM Lecture on IoT (11th September, 2017)  
Speaker:  
Mr. Atul Prakash Agarwal (Director, APT Software Avenues Pvt. Ltd.)
  - Seminar on “Enterprise Information Extraction from Open Web” (13th October, 2017)  
Speaker:  
Dr. Tirthankar Dasgupta (TCS Innovation Lab, Kolkata)
  - Seminar on “Frontier in Computer Science” – II (26th April, 2017)  
Speakers:
    1. Prof. Mandar Bose (Indian Statistical Institute, Kolkata)
    2. Dr. Sourav Sengupta (Indian Statistical Institute, Kolkata)

## Glimpses of Seminars and Workshops

**SPI** SOFTPRO INDIA

Indian Institute of Information Technology  
Kalyani

Workshop on :  
Python and its applications with IOT

DATE : 25th-26th March 2018  
TIME : 10 AM - 5 PM  
VENUE : Webel IT park

Conducted by :

**Ms. Yashi Asthana (Chief Executive Officer, Softpro India)**  
**Mr. Brijesh Mishra (Sr. Manager IT, Softpro India)**  
**Mr. Rohit Kumar (Sr. Software Engineer, Softpro India)**

Convener : Dr. Sk Hafizul Islam  
Co-convener: Dr. Sandip Karmakar

Figure: Banner of the Python Workshop.



Figure: Lecture by Mentor Director Prof. P. P. Chakrabarti

## Centralized Services

The Institute provides academic facilities such as Library with sufficient text books, reference books and Journals, hardware and software laboratories, network facility etc. Along with the academic facilities, it also provides other facilities such as hostels and mess for students, guest house for visitors and visiting faculty members, sports facility, medical facility etc.

## Laboratory Infrastructure

Knowledge is power but without implementation it is futile. IIIT Kalyani promotes hands on learning approach and so the institute is equipped with three software and three hardware labs.

IIIT Kalyani has three large air conditioned Computer Science labs and one large Electronics lab. Two more small Electronics labs are being designed for the students.

All labs are kept open from 9:30 A.M. to 5:30 P.M. as per routine (see Annexure I) on all working days and even beyond that if required.

The curriculum of IIIT Kalyani is very much updated which is comparable to reputed institutes and industry needs. The curriculum is formulated such that the students are exposed to more relevant laboratories of Electronics, Microprocessor and Microcontroller systems, etc. In these labs, Physics based experiments are also included. Further, measures are being taken to create a

high-end computational facility for studies on Big data, Data Analytics, Artificial Intelligence, etc.

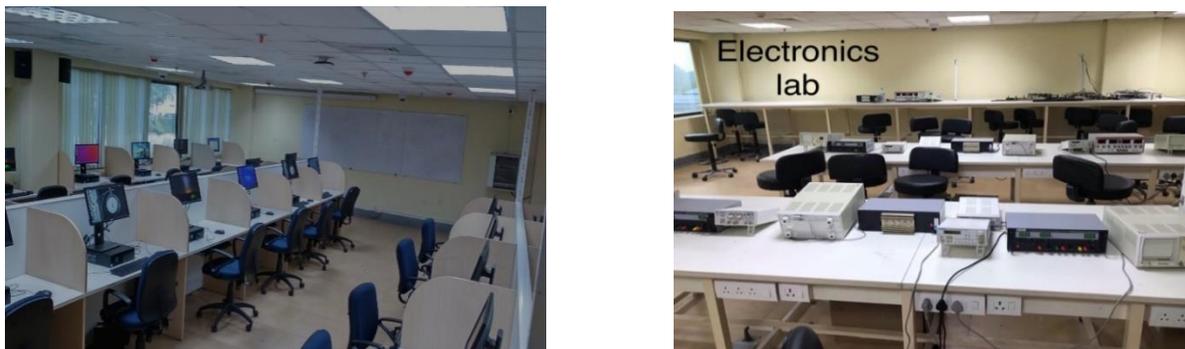


Figure 10: Software and Hardware laboratory

## Library

The IIIT Kalyani Library is a small technical Library. It serves as the heart of the Institute satisfying the informational needs of the students and faculty members towards the completion of their academic and research activities. The library is a fully air-conditioned room and provides a high-speed WiFi connection. It has one big room of 2040 sq.ft. It houses and maintains nearly 4548 books, 379 magazines and 100 undergraduate theses. The main objective of this library is to serve more than 500 students and 50 employees of the institute with printed and digital materials. The Library is presently hosted at <http://iiitkalyani.ac.in/html/Library.html> with rich content.

As far as e-resources are concerned, there are huge collections of e-resources comprising of full-text e-journals, e-books, previous year question papers, etc. As far as facilities are concerned, the library has air-conditioned reading hall with 30 seating capacity. It is open from 9.30 A.M. to 7.00 P.M. The e-books can be accessed by login to the National Digital Library of India (NDLI). The IIIT Kalyani is one of the partners with the National Programme on Technology Enhanced Learning (NPTEL) as a local chapter. The library provides online and offline access to the NPTEL video lectures.

## Academic Staff

Dr. Imon Mukherjee, Faculty In-Charge

Mr. Jugal Kishor, Library Assistant

## Print Collection

Books	Magazine
4549	379

Year	Sl. No. (as per accession register)	No. of books purchased
2017-18	2362-3582	1220

### List of Magazine Subscribed by Library

- Digit
- Yojana
- Reader's Digest
- Out Look
- India Today
- Time
- Fort Line

### Facilities Created for Library Users

- Open Access Library
- Book Reading section
- Newspaper Magazine reading section
- Book are arrange according to subject
- High Speed WIFI



Figure 11: Students studying at library

### Network Facility

The institute is facilitated with a broadband connection all around the campus. The Labs are also connected to a LAN connection which provides a fast internet access to the desktops.

## Hostels

There are presently three hostel buildings (on monthly rental basis), two for boys and one for girls' students within the Kalyani township.

Facilities available in all four hostels includes -

- Sweepers (four sweepers in total) for cleaning of rooms, corridors, toilets and bathrooms regularly
- Bus service for reaching Institute
- CCTVs installed in all hostels in adequate numbers
- All bathrooms are equipped with Geysers
- Indoor games – Carroms, Chess, Badminton
- Outdoor Sports items – Volleyball, Cricket, Football
- Internet facility (is being provided by BSNL)

## Medical Facilities

IIIT Kalyani had arranged the medical facilities with the College of Medicine & JNM Hospital, Kalyani.

## Sports & Cultural Events

IIIT Kalyani encourages and nurtures extra-curricular activities of the students. Financial support is provided in organizing different cultural and sport events to the students.

### Ek Bharat Shrestha Bharat (EBSB)

IIIT Kalyani celebrated EBSB programmes with great pride and enthusiasm. A few glimpses from the programmes of the states Gujarat & Chhattisgarh and Rajasthan & Assam are shown below. All students and faculty members participated in these events.





*Figure: EBSB Celebrations*

### **Udaan**

The literary club of IIIT Kalyani, Udaan, organised various cultural events including few poem delivering, Quiz competitions, etc. Winners were distributed trophies by the faculties.

### **Paryatan Parv**

IIIT Kalyani celebrated Paryatan Parv with great enthusiasm. Trips were conducted to approx. 12-13 nearby touristic places including, Belur Math, the headquarters of the Ramakrishna Mission and founded by Swami Vivekananda, Dakshineswar Temple built in 1855 by Rani Rashmoni, New Town Eco Park, an urban park in Rajarhat, Kolkata, Haneswari Temple, Bandel Church, Mangal Pandey park, Victoria Memorial, St. Paul's Cathedral, Kalighat Kali Temple. A few cultural competitions were also held on campus on this occasion.



*Figure: Dakshineswar Temple and Haneswari Temple*



Figure: Culrural Events on Paryatan Parv



Figure: Culrural Event on Paryatan Parv - Speech: "Speak clearly if you speak at all, carve every word before you let it fall" and Winner Pulkit Mishra (1<sup>st</sup> Year)

### Rashtriya Ektaa Divas

IIIT Kalyani celebrated the birth anniversary of Sardar Vallabhbhai Patel, known as Rashtriya Ektaa Divas on 31<sup>st</sup> of October, 2017. The man who is also known as the Ironman of India is known for unifying India. On this occasion, a few cultural programmes were organised. The cultural programmes include few speeches on the works of Sardar Patel, poems and songs.





## Social Activities

IIIT Kalyani has social responsibilities towards local students. The Institute organize a one month **Computer Literacy Program** for 10+2 students free of cost during winter holidays of 2017. The objective of this program is to help the local students to get accustomed with computers and improve their basic programming skills. In 2017 more than 50 students participated in this program.

## Statistical Information

### Student Strength

Batch	Total number of Students admitted (Stream Wise)	Total number of Students On Roll (Stream Wise)
<b>2014 - 2018</b>	56 (IT-56)	40 (CSE)
<b>2015 - 2019</b>	80 (IT-41, CSE-39)	69 (CSE)
<b>2016 - 2020</b>	69 (IT-43, CSE -26)	63 (CSE)
<b>2017 - 2021</b>	97 (CSE -97)	97 (CSE)

Session	Unit	No of Students Enrolled	Part Time / Full Time
<b>Spring 2018</b>	CSE	2	Part Time
<b>Spring 2018</b>	ECE	2	Part Time

### Students on Roll

#### 2014-2018 Batch

Name	Roll No.
NOBI MOHANTA	14001
A. VAMSHI NAIK	14002
UKASHA NOOR	14003
ATUL SAHAY	14004
MRIGENDRA KUMAR	14005
ABHISHEK KUMAR	14008
P. MALLA REDDY	14009
SHIKHA VERMA	14011
ANUPAM SAHA	14012
MULLA NAVEEN KUMAR	14013
GUDIPALLY HARSHINI	14015
RAUNAK RUNGTA	14016
NISHANT KUMAR	14017
RAHUL KUMAR	14018
MRADUL DUBEY	14020
T V R SRI SAI SURYAVAMSI	14021
ASHISH KUMAR	14022
SHIVENDRA PRATAP SINGH	14023

NAVEEN KUMAR	14025
MADHU DEVI	14027
VIKAS UPADHYAY	14028
ANKIT KUMAR	14029
RAHUL SINGH	14030
RAVINDER	14031
CHAITANYA	14033
K. SAIKRISHNA	14034
AMAN KUMAR SHARMA	14035
DEEPAK KUMAR JANGIR	14036
RAJAT SHUKLA	14037
AMIT KUMAR CHINTU	14038
SHUBHAM KUMAR	14039
ABHISHEK MISHRA	14043
VISHNU DUTT PANDEY	14044
PRIY RANJAN KUMAR	14045
PRADEEP	14046
SHUBHAM KUMAR SINGH RAJPUT	14047
CHETAN ANCHARA	14048
GUGULOTHU RAMARAJU	14052
DANYAL HUSAIN	14054
YASHWANT	14055

### 2015-2019 Batch

<b>Name</b>	<b>Roll/Registration No.</b>
ABHAS KUMAR	39/CSE/15001/56
ABHISHEK KUMAR SHASHI	39/CSE/15002/57
ABHISHEK SHUKLA	39/CSE/15003/58
ADEPU RAHUL	39/CSE/15004/59
ADITY RAJ	39/CSE/15005/60
AMAN KUMAR	39/CSE/15006/61
AMAN KUMAR SINGH	39/CSE/15007/62
AMAN PRASAD	39/CSE/15008/63
AMIT ANAND	39/CSE/15009/64
ASHISH KUMAR SETH	39/CSE/15011/66
AYUSH KUMAR AGARWAL	39/CSE/15013/68
BHANU PRATAP SINGH BANKOTI	39/CSE/15014/69
CHANDRA SHEKHAR GUPTA	39/CSE/15015/70
DHRUVA MISRA	39/CSE/15017/72
GARIDIPURI AJAY	39/CSE/15018/73
GURPREET SINGH BEHAL	39/CSE/15019/74

KANISHKA KUMAR	39/CSE/15020/75
MUDE KRISHNA KOUSHIK NAIK	39/CSE/15022/77
MUKESH KUMAR PURBAY	39/CSE/15023/78
NENAVATH BALAKRISHNA	39/CSE/15024/79
PANKAJ KUMAR	39/CSE/15025/80
PIYUSH KUMAR JAISWAL	39/CSE/15026/81
PRIYANSHU KUMAR	39/CSE/15027/82
RAHUL RAJ YADAV	39/CSE/15028/83
RITESH KUMAR	39/CSE/15029/84
SATYAJEET KUMAR	39/CSE/15030/85
SHAD AMAN	39/CSE/15031/86
SHANKI SUDEEP SORENG	39/CSE/15032/87
SHASHI SHEKHAR	39/CSE/15033/88
SHAUBHIK BHATTACHARYA	39/CSE/15034/89
SHUBHAM SINGH	39/CSE/15035/90
SOUMIK CHANDA	39/CSE/15036/91
SUMIT BHARTI	39/CSE/15037/92
SUSHIL KUMAR	39/CSE/15038/93
TUSHAR NEMA	39/CSE/15039/94
VIVEK KUMAR	39/CSE/15040/95
ABHIJIT BARI	39/CSE/15141/96
ADITYA AGARWAL	39/CSE/15142/97
AIMAN ROOMAN	39/CSE/15143/98
ANISH KUMAR	39/CSE/15144/101
ANUJ KUMAR PATHAK	39/CSE/15145/102
ASHUTOSH GUPTA	39/CSE/15146/103
CHHAYA YADAV	39/CSE/15147/104
GUGULOTH SAIPAVAN	39/CSE/15148/106
HIMANSHU KUMAR	39/CSE/15149/107
K.VASUDEVA CHOWHAN	39/CSE/15150/108
LOVELY GOSWAMI	39/CSE/15151/109
MANISH KUMAR	39/CSE/15152/110
MOHD SHARIQ	39/CSE/15153/111
NITU KUMARI	39/CSE/15154/112
PRATIK KUMAR	39/CSE/15155/113
PURUSHOTTAM	39/CSE/15156/115
PURUSHOTTAM KUMAR	39/CSE/15157/116
RAHUL KUMAR	39/CSE/15158/117
REGULAVALASA HARSHAVARDHAN	39/CSE/15159/118
SATYENDRA KUMAR RAJPUT	39/CSE/15160/119
SAUARBH PATEL	39/CSE/15161/120

SHAILJA THAKUR	39/CSE/15162/122
SHIV PRATAP VERMA	39/CSE/15163/123
SHOBHIT SINHA	39/CSE/15164/124
SUDHANSHU KUMAR	39/CSE/15165/126
TANMAY BAGDI	39/CSE/15166/127
VAIBHAV KUMAR SINGH	39/CSE/15167/128
VASUDHA	39/CSE/15168/129
VIKASH KUMAR	39/CSE/15169/131
VIKASH RANJAN	39/CSE/15170/132
VIKRANT KUMAR SINHA	39/CSE/15171/133
SAYAN SHANKHARI	67/IT/15172/121
VIJAY KUMAR GOND	67/IT/15173/130

### 2016-2020 Batch

Name	Roll No	Registration No.
ABHIJIT PUAL	16001	158
ABHISHEK KUMAR	16002	159
ADITYA	16003	160
AJNADKAR OMKAR MAHESH	16004	161
AKARSH SOMANI	16005	162
AKASHDEEP	16006	163
AMAN KUMAR	16007	164
AMIT KUMAR	16008	165
ANOOP KUMAR CHAUHAN	16009	166
ANSHU SHEKHAR PANDA	16010	167
CHOUTIPALLI T S S KRISHNA	16011	168
D J NAGA VENKATA SAI TRINADH	16012	169
DEVESH KAUSHIK	16013	170
DILPREET SINGH CHAWLA	16014	171
GAURAV MISRA	16015	172
GOURAV SHARMA	16016	173
JATIN KUMAR MANDAV	16017	174
MD SAIF UDDIN	16018	175
NAVEEN KUMAR	16019	176
NIKHIL KUMAR JHA	16020	177
NIMMALA VISHNU	16022	178
NITISH KUMAR SINGH	16023	179
PAVULURI CHANDRA SHEKHAR	16024	180

PRANAV SINGLA	16025	181
PRATEEK GUPTA	16026	182
PRATIK GUPTA	16027	183
PRAVEEN KUMAR	16028	184
RATHOD SAICHARAN	16029	185
ROHIT KUMAR	16031	186
RUPAK KALITA	16032	187
SANATH SINGAVARAPU	16033	188
SAURABH KUMAR MAURYA	16034	189
SHIKHA SINHA	16035	190
SHIVENDRA PRATAP SINGH	16036	191
SHRUTI SHARMA	16037	192
SIDHARTH GOUTAM KARJI	16038	193
SUBHASISH SAHA	16039	194
VAIBHAV SHUKLA	16040	195
YASH CHANDRA VERMA	16041	196
YASHI KESARWANI	16042	197
YELLETI VARSHITH	16043	198
ABHIJEET RAJ	16144	134
ABHIJEET SINGH KHANGAROT	16145	135
ABHISHEK MISHRA	16146	136
AMAN JAISWAL	16147	137
ANKIT TIWARI	16148	138
ANUBHAV SINGH	16149	139
ARUN KUMAR SOREN	16150	140
AVINASH KUMAR	16151	141
BORRA HEMANTH KUMAR	16153	143
CHIVTE KRISHNA	16154	144
GOVIND SINGH RAJPUROHIT	16155	145
GUGULOTH RAMAKRISHNA	16156	146
GYAN PRAKASH	16157	148
MANISH TOMAR	16158	149
MUSALE KRUSHNA PAVAN	16159	150
PASUMARTHI MUKESH GUPTA	16160	151
PRANIT DE	16161	152
PRIYANSH GUPTA	16162	153
RAJWARDHAN CHAUFAN	16163	154
RAKESH KUMAR	16164	155
SANJAY KUMAR PASWAN	16165	156
UPPU SAI SIVA TRIVEDI	16166	157

**2017-2021 Batch**

<b>NAME</b>	<b>Roll No</b>
Abhimanyu Chatterjee	39/CSE/17001
Abhimanyu Singh	39/CSE/17002
Abhishek Gharami	39/CSE/17003
Abhishek K	39/CSE/17004
Abhishek Karmakar	39/CSE/17005
Abhishek Tiwari	39/CSE/17006
Adarsh Ranjan Shukla	39/CSE/17007
Aditya Raj	39/CSE/17008
Aditya Sujith Gudimetla	39/CSE/17009
Ajeet Gupta	39/CSE/17010
Aman Kumar	39/CSE/17011
Amit Kumar	39/CSE/17012
Amrita Sony	39/CSE/17013
Anadi Kashyap	39/CSE/17014
Anand Kumar	39/CSE/17015
Anish Kumar Kharwar	39/CSE/17016
Ankur Konar	39/CSE/17017
Anmol Mishra	39/CSE/17018
Anshu Kumari	39/CSE/17019
Anubhav Dinesh Patel	39/CSE/17020
Anwar Ali	39/CSE/17021
Archit Mishra	39/CSE/17022
Arnab Mondal	39/CSE/17023
Aryan Yashaswi	39/CSE/17024
Ayush Kumar	39/CSE/17025
Bhabani Shankar Hembram	39/CSE/17026
Bhavesh Shukla	39/CSE/17027
Chetan Maheshwari	39/CSE/17028
Chintam Ravi Chandra	39/CSE/17029
Deepak Sahu	39/CSE/17030
Dipankar Anand	39/CSE/17031
Durgesh Singh Munda	39/CSE/17032
Gaurav kumar	39/CSE/17033
Gaurav Mishra	39/CSE/17034

Gautam Kumar Ranjan	39/CSE/17035
Hare Krishna Singh	39/CSE/17036
Hariom Kumar	39/CSE/17037
Hrithik Kumar	39/CSE/17038
Hritik Kumar Modi	39/CSE/17039
Jyotika Yadav	39/CSE/17040
Jyotirmoy Paul	39/CSE/17041
Kaustubh Sharma	39/CSE/17042
Khasha Pavan Kalyan Raju	39/CSE/17043
Mahendra Rathore	39/CSE/17044
Manas Basumatary	39/CSE/17045
Mancha Vinay	39/CSE/17046
Maradana Harsha Venkat	39/CSE/17047
Mrinmoy Aus	39/CSE/17049
Nancy Anand	39/CSE/17050
Nasina Siva Mohan	39/CSE/17051
Naveen	39/CSE/17052
Nikita Barua	39/CSE/17053
Pawan Kumar	39/CSE/17054
Pinki Saha	39/CSE/17055
Pralay Sarkar	39/CSE/17056
Pratik Sagar	39/CSE/17057
Pratima Bharti	39/CSE/17058
Prem Nath Dey	39/CSE/17059
Pulkit Mishra	39/CSE/17060
Pushkar Sahay	39/CSE/17061
Rajneesh Kumar Pathak	39/CSE/17062
Rakesh Kumar	39/CSE/17063
Ranjan Kumar Ranjan	39/CSE/17064
Ratna Priya	39/CSE/17065
Ratul Sutrdhar	39/CSE/17066
Raushan Kumar	39/CSE/17067
Rayala Sarath Chandra	39/CSE/17068
Ritika Kumari	39/CSE/17069
Ritu Chauhan	39/CSE/17070
Rohan Bera	39/CSE/17071
Rohan Chakraborty	39/CSE/17072
Sajal Pushpad	39/CSE/17073
Sanjay Tiwari	39/CSE/17074

Sanny kumar	39/CSE/17075
Sattam Ghosal	39/CSE/17076
Satya Prakash Singh	39/CSE/17077
Satyam Kumar	39/CSE/17078
Sayantan Das	39/CSE/17079
Shashi Ranjan	39/CSE/17080
Shikha Lakra	39/CSE/17081
Shreya Khan	39/CSE/17082
Soham Biswas	39/CSE/17083
Somenath Maji	39/CSE/17084
Somnath Pal	39/CSE/17085
Srijan Chakraborty	39/CSE/17086
Subhajit Das	39/CSE/17087
Subham	39/CSE/17088
Subhrajeet Roy	39/CSE/17089
Sudhir Daga	39/CSE/17090
Suraj Kumar	39/CSE/17091
Tanmay Jain	39/CSE/17092
Uddeshya Mishra	39/CSE/17093
Uma Shankar	39/CSE/17094
Utkarsh Baranwal	39/CSE/17095
Vaibhav Shukla	39/CSE/17096
Vibhaw Priansh	39/CSE/17097

### Ph D Students

Name of Candidate	Roll No	Proposed Supervisors
Pratap Chandra Mandal	PhD/CSE/17001 0000296	Dr. Imon Mukherjee
SoumenMondal	PhD/CSE/17004 0000299	Dr. SK Hafizul Islam
Tilak Mukherjee	PhD/ECE/17002 0000297	Dr. Dalia Nandi
Bhaskar Roy	PhD/ECE/17003 0000298	Dr. Uma Das

## Scholarship Details

### List of Scholarships that Students apply to

Sl. No.	Scholarship Name
1	West Bengal Government Merit-Cum-Means Scholarship (Provided from Institute)
2	Central Sector Scheme Scholarship for College and University Students (Provided by – Dept. of Higher Education, MHRD)
3	Post Matric Scholarship for Students with Disabilities (Provided by – Department of Empowerment of Persons with Disabilities, Ministry of Social Justice & Empowerment)
4	BC-EBC Post Matric Scholarship (Bihar Govt.)
5	Bihar Government Post Matric Scholarship
6	Central Sector Scheme Scholarship for OBC Students – Through Bihar Govt.
7	Central Sector Scheme Scholarship for OBC Students – Through Andhra Pradesh Govt.
8	Central Sector Scheme Scholarship for OBC Students – Through Uttarakhand Govt.
9	National Fellowship and Scholarship for Higher Education of ST Students (Top Class Scholarship Scheme) (Provided by - Ministry of Tribal Affairs, GoI)
10	Central Sector Scheme of Top Class Education for SC Students (Provided by - Ministry of Social Justice and Empowerment, GoI)

### Statistics

Year	Scholarship Name	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	Total
2017 - 18	West Bengal Government Merit-Cum-Means Scholarship (Provided from Institute)	4	1	2	2	9
	Bihar Government Post Matric Scholarship	8	1	9	5	23
	Central Sector Scheme Scholarship for OBC Students – Through Bihar Govt.	1	1	0	0	2
	Central Sector Scheme Scholarship for OBC Students – Through Andhra Pradesh Govt.	2	0	0	0	2
	Central Sector Scheme Scholarship for OBC Students – Through Uttarakhand Govt.	1	0	0	0	1

# Audit Report