JIS COLLEGE OF ENGINEERING

Annual Report

2019 - 2020

JIS COLLEGE OF ENGINEERING
AN AUTONOMOUS INSTITUTION

Department of Computer Science and Engineering

VISION:

The Computer Science and Engineering Department at JIS College of Engineering will be a leader in computing innovation through excellence in undergraduate and graduate education, active research programs and the dissemination of knowledge. The Department will leverage both the international and interdisciplinary nature of computing.

MISSION:

The Department's mission is

- To provide students and faculty with an open environment that encourages professional and personal growth.

- To prepare students for flexible career paths and continuing advancement in computing.

- To motivate and encourage the students to build successful career in the computing professions through flexible programme of study that can be adapted to support individual career goals.

Departmental Objectives

The resolution of the department is to perfectly obey and abide by the vision "Igniting Minds Empowering lives" and the vision statement of disseminating and generating knowledge among students so as to make them industry-ready with State-of-the-Art skill set to the extent possible.

Influenced and inspired by the global trends in expansive application and intensive research opportunities in Information Science, Technology and Management, the department of Computer Science and Engineering has been working with dual objectives of strengthening R & D activities as well as Industry Institute initiatives.

Amidst a relatively young department, the departmental faculty members contributed their works collectively in important research Forum like IEEE, Elsevier, Springer etc. Continuous encouragement from the Authority of the Institution enabled the young faculty members of the department to attend and contribute in various conferences, symposiums, seminars and workshops organized by various international forums like IEEE CS Society, IEEE ED Society. The faculty members are involved in Professional Society Activities and associated with various research forums. Presently the Departmental activities on Research have been accelerated largely due to World Bank grant through Technical Education Quality Improvement Programme (TEQIP). In addition, department has awarded with Research Projects under RPS Scheme, MODROB Scheme.

On the other hand, guided by the Institution Authority the departmental faculty members are associated in establishing / participating / conducting Infosys Campus Connect Programme, WIPRO Mission 10X Learning Approach and Microsoft Edvantage Programme.

The department is eagerly expect advice / guidance / suggestions from everyone so as to work-out its weaknesses and can serve the Institutional needs and desires in a better way.

HOD, CSE

Programme Details

- Name of Program: B.Tech in CSE
- Nature of Program: Full time
- Duration: 4 years
- Sanctioned Intake: 120
- Year wise students on roll:

B. Tech (2018-19)	1st year	2nd year	3rd year	4th year
No of students	130	134	114	129

Lateral entry – 10%

- Name of Program: M.Tech in CSE
- Nature of Program: Full time
- Duration: 2 years
- Sanctioned Intake: 18

M. Tech (2018-19)	1st year	2nd year
No of students	3	3

Accreditation

Department of CSE has been accredited by NBA in 2007 for the first time followed by 2nd cycle accreditation in 2013 under tier II category. **JIS College of Engineering has got NIRF ranking in the year 2020.**

Practices: Administrative and Teaching Learning

Departmental Planning for a session is done by the DC in a meeting prior to that session. Departmental Planning for an Odd /Even semester is also done in the previous Semester last two DC meets.

The Departmental procedures are guided by the regulation stipulated by the National Board of Accreditation (NBA) under the framework of affiliating University.

Time Table
For all sections of UG and PG approved by the Principal.

Class Conduction Records
The following follow up practices (not all simultaneously) have been made.
- Recorded in the Attendance Register maintained by the Faculty
- .Delivery of Syllabus content (with students signature) kept with Individual faculties
- Summary of class conduction statistics (in Excel format) submitted by the faculties to the HOD

Students Attendance Records
- Recorded in the Attendance Register maintained by the Faculty

Faculty attendance Records
- Is maintained centrally and online by the Institute by using Biometric Authentication Device.

Moreover, the following activities are all online through centralized facilities via SAP /ERP:
- Leave application
- Staff Attendance
- Material requisition
- Account Info (e.g. Salary records etc.)

Addressing Absence

The records are maintained online in the URL: http://172.5.0.17: 8014/~ login.aspx

- Informed leave: It is duly approved up the hierarchy by HOD the. HOD leave is approved by the Principal. All are requested to adjust their individual load prior to the leave. Students are also intimated before the class.

- Emergency leave: faculties are instructed to communicate it using any electronic gazette (email /mobile) so that classes can be adjusted.

- Frequent Absence / Irregularities: Are directly taken care by HOD with the concerned faculty member and conveyed to higher Authority on Emergency.

Addressing Students Absence

- Emergency leave: In case of any event / incident / accident students are asked to keep department into confidence either by informing any of the subject teacher / TIC (UG programme) / HOD.

- Irregular attendance: Concerned student is taken care either by mentor / subject teacher of that class for initial interaction. Then, it is addressed by the HOD. HOD even communicates guardian on emergency. Finally there is a process to address centrally from the Institution through postal communication.

In any of the above cases, University has no norms of consideration of attendance on the above grounds. In spite of the above someone must maintain desirable attendance to get rid of non-collegiate and dis-collegiate bindings.

Personal file

Faculty members keep records of the following in their respective personal file

- Personal routine
- Attendance register
- Lesson Plan
- Delivery of syllabus contents
- List of publication
- List of Conference /Seminar / Symposium attended
- Professional Society Activity

Mentorship Programme

All the students are assigned in group to any of the faculty members of the department. They can communicate to the corresponding faculty at any point of time. Several such interactions take place in the department. Highest priorities are put to maintain a student friendly department.

Continuous performance Evaluation

In addition to regular curriculum based mandatory class tests, to ensure the continuous involvement and consistency in the Teaching Learning process, by following the Institutional practice under autonomous Framework, the department has been conducting continuous performance evaluation on a weekly basis. This weekly evaluation contributes in internal / sessional marks as decided by the Academic Council and further ensures a distinction between regular and irregular students.

Content beyond the Syllabus

In addition to regular curriculum based programme, the department issues to the students the audio-visual learning materials at the beginning of 2nd year and aids for Competitive exams / Placements at the beginning of 3rd year so that students can get support to plan their career.

Remedial Measures

Weaker / academically backward students are provided with the consistent interactive support from the faculty members. Such kind of beyond contact hour tutorial programme are occurred in either of the departmental rooms / class rooms or even in the Computer System laboratories. It is a continuous process and instances are recorded to keep track of remedial.

Co-curricular and Extra-curricular Activities

The Department provides necessary Information to the Students for their Training / Internship. Ordinarily centralized training Programmes are all taken care at the Institutional end. The department takes part in organizing / participating in number of Institution directed events. The following are few Illustrations of such events:

- Infosys Campus Connect programme

- Microsoft EdVantage and Faculty Connection Programme
- WIPRO Mision 10X Learning approaches
- IBM TGMC Programme

Students are never compelled to be too much curricular centric but encouraged to participate in the other events like sports, social and cultural events through constituted institutional Clubs.
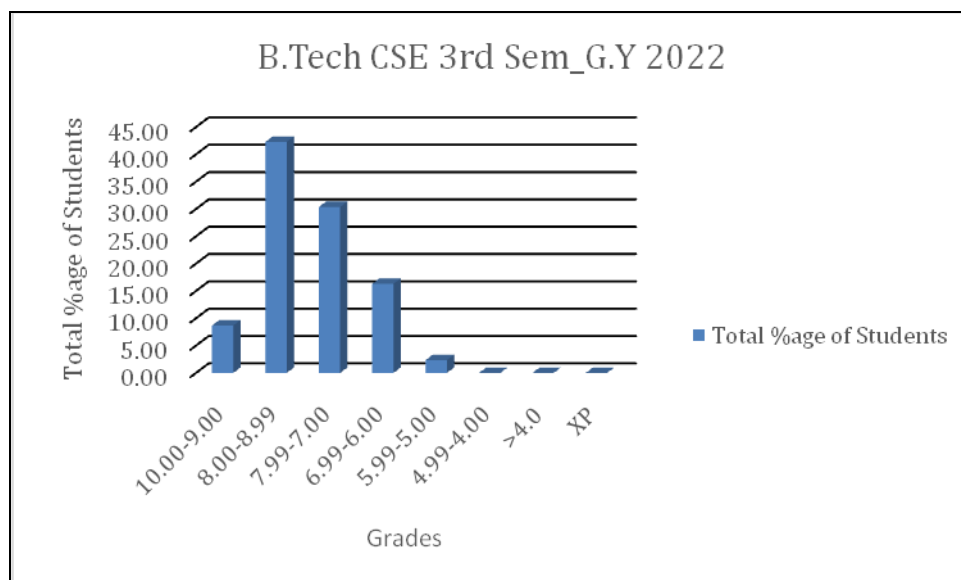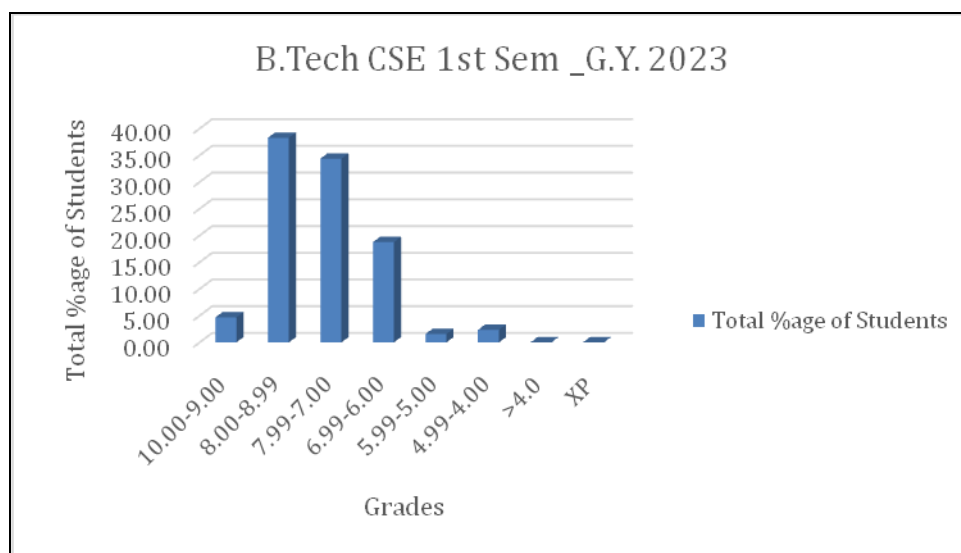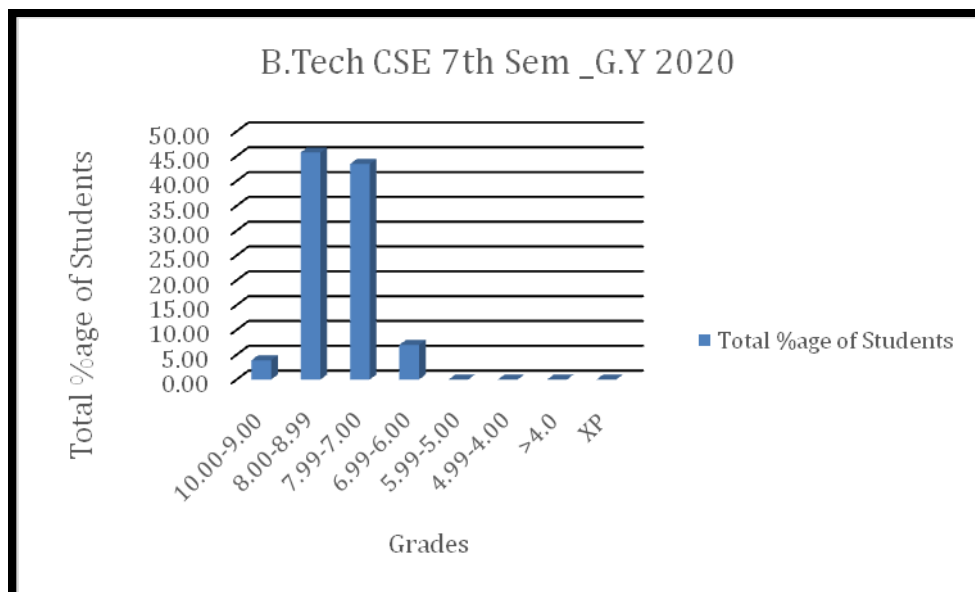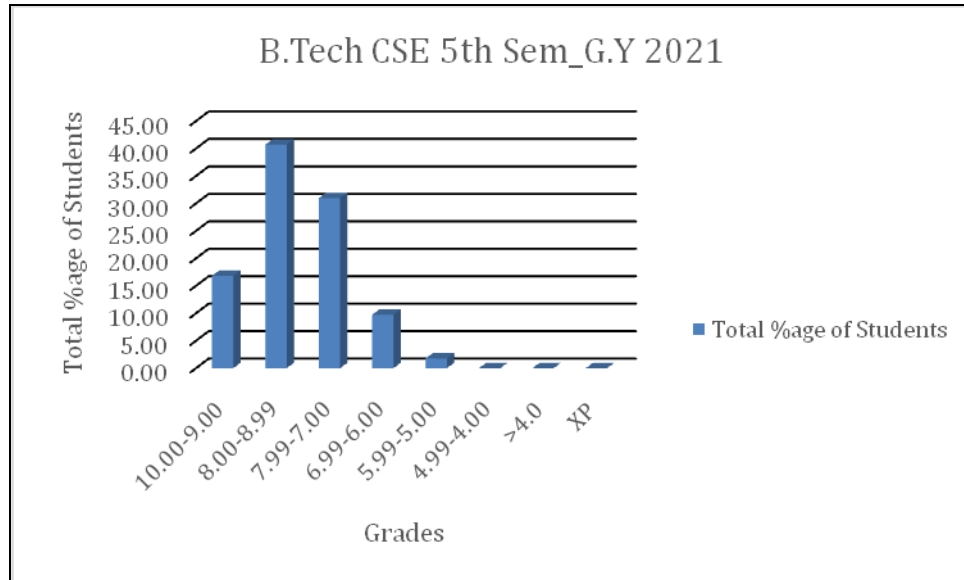
Disciplinary issues

Any matter of indiscipline is informed by the DC to HOD. HOD conveys it to the Chairman of Disciplinary Committee of the Institution (Principal). (Presently CSEIT-HOD is Convener of Institutional Disciplinary Committee). The following regulation a student must maintain, failing any one of which is considered to be misconduct / non-cooperation.

- Must maintain the attire (dress code)
- Must maintain the stipulated attendance and must value time
- Must convey the needs /demands desires in a proper form to HOD through mentor / guide/ faculty
- Must attend the career / personality development programme organized by the Institute
- Must attend the surprise tests /class tests /continuous performance Evaluation to enrich them.
- Must not indulge in any sort of provocation / instigation that leads to disturbance of departmental / institutional programmes.

Result Analysis of Odd Semester 2019

B.Tech CSE 1st Sem _G.Y. 2023

B.Tech CSE 3rd Sem_G.Y 2022

B.Tech CSE 5th Sem_G.Y 2021

B.Tech CSE 7th Sem _G.Y 2020

Students Industrial Training

Students have taken their industrial training from the following institute:
Globsyn, NIVT, HCL, NIIT, Ardent, CSI, CMC, Ogma Tech.

Students' Project Allocation:

Detail of Project (2019-2020)

SERIAL NUMBER	STUDENTS NAME	TITLE OF THE PROJECT	SUPERVISOR
1	PRANTIK BANERJEE PRIYABRATA PAL SACHIN KUMAR MAHATO SNEHANSH CHATURVEDI	DOMAIN ONTOLOGY EXTRACTION UDING DEEP LEARNING	APURBA PAUL
2	ANINDYA DEY BHAKTA BALLAV GARAI SATTIK DAS RAMAADYUTI BATTABYAL	MODELLING USING DEEP LEARNING	APURBA PAUL
3	PEARL DEY RIMMICA DAS KUMAR SOURABH ANAND OM PRAKASHKURMI	CHATBOT PSYCHOLOGIST	DR. PRANATI RAKSHIT
4	AQUIB JAWED ANIK MANDAL	SOLID WASTE MANAGEMENT USING GIS	SUDIPTA SAHANA
5	SAYAN ROY AYANI GHOSH SOURANEEL MAZUMDER SAQLAIN MUSTAK	ONLINE HEALTH PORTAL	SONALI BHATTACHARYYA
6	NAIRITA MITRA SUSMITA RUDRA PAL BARUN KUMAR SEN JUI SAMMADER	CREDIT CARD FRAUD DETECTION USING SOFT COMPUTING	DR. DHARAMPAL SINGH
7	ANUBHAB MUKHERJEE	CAREER GURU – AN	DR. DHARAMPAL

	ANKITA SARKAR ANISH MONDAL CHITRADIP GHOSH	ONLINE CAREER GUIDE	SINGH
8	SOMA SHARMA SHWETA SHREE SIMRAN SHRIVASTAVA SAURAV SHRIVASTAV	ANALYSIS OF INCIDENT MANAGEMENT PROCESS USING DATA SCIENCE	DR. DHARAMPAL SINGH
9	PRABIR DAS DIBYA MONDAL DIPTA GOSWAMI AAYUSH KUMAR	CENTRALIZED BILLING SYSTEM USING WEB TECHNOLOGY	SUMANTA CHATTERJEE
10	SWARNAVA DUTTA TIYASHA GIRI RAHUL MAZUMDER RATHIN ROY	MACHINE LEARNING WEB APPLICATION	DR. PRANATI RAKSHIT
11	MRINMOY BHAUMIK KIRTTI VUSHAN TALUKDAR	CAR PARKING SYSTEM USING IOT	AMIT MAJUMDER
12	SUPARNA ARYA SULABH MAJUMDER APARAJITA KUNDU NUZHAT SHAMIM	NAMED ENTITY EXTRACTION FROM TEXT DATA USING MACHINE LEARNING	AMIT MAJUMDER
13	PRIYABRATA KHAN SUBHOJIT DATTA SUMAN RANJAN DEY SOUVIK MALLICK	SELLING STATIONERY AND FOODS ON E-COMMERCE SITE	DR. BIKRAMJIT SARKAR
14	DIP DAS DIPANKAR GHOSHAL DEBOJIT PRAMANIK DEBADRI DAS	SHOPPING SITE USING PHP	IRA NATH
16	SRABONI CHATTORAJ UTPAL DWIVEDI RITESH SINGH SUBHENDU MITRA	UNIFIED B2B AND B2C ECOMMERCE SITE	SUMANTA CHATTERJEE
17	RISHAV SEN SAYAN PAUL RINIKA MANNA SANDEEP SHAW	PREDICTION OF DIABETES USING MACHINE LEARNING APPROACH	DR. PRANATI RAKHSIT

18	ALI SHIRAZ AKHTER HIMANSHU SINGH KHWAJA MOHIUDDIN ANSARI KAUSTUBH CHAKRABORTY	MULTI-OBJECT DETECTION USING MACHINE LEARNING AND DEEP LEARNING	DEBASREE MITRA
19	ARGHYA BHOWMICK ANIMA TRIPATHY AMISHA SINGH MRINMOY BAIRAGYA	IMPLEMENTATION OF FACE RECOGNITION USING OPEN CV.	DEBASREE MITRA
20	GOURAV KESHARI AMAN ADARSH AMIT AGRAWAL AZHAR MAQBOOL ANSARI	LEARN 2 IGNITE	SONALI BHATTACHARYA
21	RIJU TARAFDER RAKESH PARAMANIK SK. ALAUDDIN SHUBHRAJIT ROY	PGGO: WEB APPLICATION TO SEARCH PAYING GUEST, MESS AND ROOM RENT AS YOUR REQUIREMENT	IRA NATH
22	SIDDHARTH DAS SOUMYOJYOTI BARMAN SOURAV KUNDU SUSHMI SAHA	ONLINE EXAMINATION MANAGEMENT SYSTEM	SUDIPTA SAHANA
23	RAJU KUMAR SHARMA RITOSHREE DHAR SAKSHI SNEHA SWATI	KNOWLEDGE GRAPH USING SEMANTIC WEB	APURBA PAUL
24	ANJALI RAY MOUMITA CHAKRABORTY NANDITA GUPTA NIVEDITA PANDIT	STUDENT ACADEMIC PERFORMANCE ASSESSMENT	SUDIPTA SAHANA
25	RAVI RAJ BANDHU SANCHAYETA GHOSH ANSHU KUMAR SHANDILYA AKRITI JHA ANKITA ROY	RECOMMENDATION SYSTEM USING SENTIMENTAL ANALYSIS	DR. PRANATI RAKSHIT

26	DISHANI GHOSAL MAHEN SAHA MUKUND MADHAV MEGHNA VERMA	FOOD BASKET	SONALI BHATTACHARYA
27	AVIJIT BAIDYA SAJAL KR. BISWAS KABITA SINGHA SNEHARTHA DAM	A NEW SECURITY SYSTEM USING CRYPTOGRAPHY.	IRA NATH
28	NIKITA BAIRAGI ISHITA GHOSH MANASI DEY ARINDAM DUTTA	4GR: FOR THE GOOD REASON: AN APPLICATION OF E-NGO	SUMANTA CHATTERJEE
29	SUBRATA KUMAR PAUL SOUMOJIT BISWAS SUFAL MAITI SAURAV CHOWDHURY	ONLINE EXAMINATION AND RESULT ANALYSIS SYSTEM	MR. APURBA PAUL
30	NILAY BASAK MD FAISAL JOHNTY SULAB BISWAS DIPANITWA BAIDYA	WEBSITE FOR RENTING ROOMS/P.G.	DEBASREE MITRA
31	PRANTA BISWAS NASIR JAFAR ABHISHEK KUMAR	GOOGLE ASSISTANT CONTROLLED HOME AUTOMATION	DR. BIKRAMJIT SARKAR
32	JYOTI CHOUDHARY GANGOTRI SARKAR ANKITA ROY CHOWDHURY BIPASHA SAHA	IOT BASED ENERGY METER TOWARDS EFFICIENT ENERGY CONSUMPTION	SUDIPTA SAHANA

33	TUSHAR SAHA SOUMYA VERMA SK. SAHIL ALI SUBHAM KEJRIWAL	ONLINE RAILWAY RESERVATION SYSTEM	DR. BIKRAMJIT SARKAR
34	SUMAN RANJAN DEY SUBHOJIT DUTTA SOUVIK MALLICK PRIYABRATA KHAN	DELICIOUS HUT	DR. BIKRAMJIT SARKAR
35	MD. ASGAR ALI SAURAV KUMAR SUBHADEEP CHANDRA	BIG DATA ANALYSIS USING APACHE PIG	AMIT MAJUMDER

Student Projects

INNOVATIVE IDEA COMPETITION – 2020

Date: 3th-4th March, 2020

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PROJECT ID	PROJECT TITLE	TECHNICAL DOMAIN	MENTOR	STUDENTS NAME
CSE01	MICROCONTROLLER BASED ANTI SLEEP ALARM SYSTEM	EMBEDDED SYSTEM	PROF. SUMANTA CHATTERJEE	ADNAN AHMAD (TL) ANJALI SHARMA ASTHA SINGH MDADIB DOEL ROY ABHIK KHAN
CSE02	MICROCONTROLLER BASED SMART DOOR LOCKING SYSTEM	EMBEDDED SYSTEM	PROF. SUMANTA CHATTERJEE	MDADIB (TL) PRABHAT KUMAR JHA HRITWIK RAJ GUDDU KUMAR JIVIDHASUMAN MONALISA GHOSH
CSE03	SOLDIER STRAP	SECURITY AND SURVEILLANCE	PROF. (DR.) BIKRAMJIT SARKAR	DWAIPAYANSAHA (TL) INDRANI MUKHERJEE JESMIN ROY ANIKET DAS ANIKSUTRADHAR PRATNADEEP BISWAS

CSE04	WEARABLE DEVICE	SECURITY AND SURVEILLANCE	PROF. SUMANTA CHATTERJEE	DWAIPAYANSAHA (TL) INDRANI MUKHERJEE JESMIN ROY ANIKET DAS ANIKSUTRADHAR PRATNADEEP BISWAS
CSE05	AURDINO SYSTEM VOICE CONTROLLING ROBOT	INTERNET OF THINGS	PROF. IRA NATH	ANUSHKASIKDAR (TL) PALAKCHOUDHARY SANGITA YADAV SANA ASGAR INDRANINASKAR ANKITASINGHA
CSE06	MASALA	INTERNET OF THINGS	PROF. JHUMPAMISTRI	AMRITA DAS (TL) ARUNIMADEY SUSMITA DAS SWARNALI PAUL SUBHAYAN SARKAR SUBHRAJYOTIBHOWMICK
CSE07	AN IOT BASED GAS LEVEL MONITORING AND BOOKING SYSTEM	INTERNET OF THINGS	PROF. SUMANTA CHATTERJEE	SUBHAYAN SARKAR (TL) SRIRUPLAHIRI ZUBIYA MUSTAFA PABITRA KUMAR BHUNIA POULAMIMONDAL MONALISA DE

CSE08	INTELLIGENT ALCOHOL DETECTION SYSTEM FOR CARS	MICRO-CONTROLLER EMBEDDED SYSTEM	PROF. SUMANTA CHATTERJEE	PRATNADEEP BISWAS (TL) RAKESH GAIN DRISTIDUGAR OISHIKCHATTOPADHYAY MONORAM DAS RAHUL DAS
CSE09	VICKY DONOR	WEB & APP DEVELOPMENT	PROF. SUDIPTA SAHANA	SUBHAYAN SARKAR (TL) SRIRUPLAHIRI PRATNADEEP BISWAS AMRITA DAS DRISTIDUGAR DEBANJALI KUMAR
CSE10	SMART ALARMING AND NOTIFYING SYSTEM FOR PREVENTION OF TAKING MEDICINE IRREGULARLY	IOT	PROF. SONALI BHATTACHARYYA	SRIRUPLAHIRI (TL) SUBHAYAN SARKAR DEVTANU GHOSH INDAJITNAYEK SOUGATASAHA SONALI MANDAL
CSE11	VICKY DONOR	WEBSITE & APP DEVELOPMENT	PROF. SUDIPTA SAHANA	SUBHAYAN SARKAR (TL) SRIRUPLAHIRI PRATNADEEP BISWAS AMRITA DAS DRISTIDUGAR DEBANJALI KUMAR

CSE12	ABHIYOGPATRA	ANDROID APPLICATION	PROF. (DR.) DHARMPAL SINGH	HRITWICK RAJ (TL) SAYAN PAUL ROMIKMAJUMDAR ANUBRATACHANDA SWARNALI PAUL SOUVIKMONDAL
CSE13	SMART POLICE	ANDROID,PHP,MYSQL	PROF. (DR.) PRANATI RAKSHIT	AMARTYABHATTACHARJEE (TL) AINDRILA DAS BIVASRANJAN DUTTA SOUVIKMASANTA MAYURAKSHISAU AYANPANJA
CSE14	VOICE PRESCRIPTION	HEALTHCARE AND BIOMEDICAL DEVICES	PROF. DEBASREE MITRA	SAYAN PAUL(TL) SANDIPAN DAS SOUVIK PAL SUMIT KUMAR BERA SUBHOJIT BANERJEE SHRUTI SHAH

Placement record of Graduate year 2020

Sl.	Name of the student	Company where placed
1	DEBADRI DAS	Chegg India
2	MD FAISAL	Chegg India
3	NILAY BASAK	Chegg India
4	SHWETA SHREE	Chegg India
5	SK ALAUDDIN	Chegg India
6	ABHISHEK KUMAR MISHRA	3rd Life
7	AKRITI JHA	Zensar Technologies
		Cognizant
8	ALI SHIRAZ AKHTER	ITC Infotech
		TCS Ninja
		WIPRO Technologies
9	AMAN ADARSH	Hexaware Technologies
10	AMIT KUMAR AGARWAL	M/s VVDN Technologies Pvt. Ltd.
11	ANIK MANDAL	TCS Ninja
		Capgemini
12	ANIMA TRIPATHY	Zensar Technologies
		Cognizant
13	ANKITA ROY	Mindtree
14	ANKITA ROY CHOWDHURY	ITC Infotech
15	ANKITA SARKAR	Capgemini
16	APARAJITA KUNDU	Capgemini Off campus drive @ TICT

17	ARGHYA BHOWMICK	TCS Ninja
18	AZHAR MAQBOOL ANSARI	Zensar Technologies
19	BARUN KUMAR SEN	3rd Life
20	BHAKTA BALLAV GARAI	ITC Infotech
21	BIPASHA SAHA	Capgemini Off campus drive @ TICT
22	DIPANKAR GHOSHAL	AMDOCS
23	DISHANI GHOSAL	Cognize Tech Solutions
24	GOURAV KESHARI	Cognizant
25	HIMANSHU SINGH	Capgemini
26	ISHITA GHOSH	IBS Software Services Pvt. Ltd.
27	JOHNTY SULAB BISWAS	Artech Infosystems
28	KAUSTUBH CHAKRABORTY	Zensar Technologies
29	KHWAJA MOHIUDDIN ANSARI	Capgemini
30	MAHEN SAHA	3rd Life
31	MEGHNA VERMA	Cognizant
		WIPRO Technologies
32	MOUMITA CHAKRABORTY	TCS Ninja
		Mphasis
33	MRINMOY BHAUMIK	XL Dynamics
34	MUKUND MADHAB	3rd Life
35	NAIRITA MITRA	WIPRO Technologies
36	NANDITA GUPTA	M/s VVDN Technologies Pvt. Ltd.
37	NIKITA BAIRAGI	Zensar Technologies
38	NIVEDITA PANDIT	M/s VVDN Technologies Pvt. Ltd.

39	NUZHAT SHAMIM	KGS Technology Group
40	PEARL DEY	Mindtree
		WIPRO Technologies
41	PRANTIK BANERJEE	Capgemini
42	PRIYABRATA PAL	Amazon
43	RAHUL MAZUMDER	Mphasis
44	RAJU KUMAR SHARMA	WIPRO Technologies
		Indusnet Technologies
45	RAVI RAJ BANDHU	Capgemini
		Infosys (InfyTQ)
46	RIMMICA DAS	Genpact
47	RINIKA MANNA	Capgemini Off campus drive @ TICT
		Zensar Technologies
48	RISHAV SEN	Mphasis
		WIPRO Technologies
49	RITESH SINGH	Artech Infosystems
50	SACHIN KUMAR MAHATO	WIPRO Technologies
51	SAKSHI	Capgemini
52	SANCHAYETA GHOSH	Zensar Technologies
		Cognizant
53	SANDEEP SHAW	Indusnet Technologies
54	SATTIK DAS	Zensar Technologies
		Cognizant
55	SAYAN PAUL	Mphasis

56	SAYANI GHOSH	Capgemini Off campus drive @ TICT
		Genpact
57	SIDDHARTH DAS	Mindtree
		TCS Ninja
58	SK. SAHIL ALI	3rd Life
59	SNEHA SWATI	AMDOCS
60	SNEHANSH CHATURVEDI	ITC Infotech
		TCS Ninja
		WIPRO Technologies
61	SOUMYA VERMA	3rd Life
62	SRABONI CHATTORAJ	AMDOCS
63	SULABH MAJUMDER	Capgemini Off campus drive @ TICT
64	SUPARNA ARYA	Capgemini
65	SUSHMI SAHA	Mindtree
		WIPRO Technologies
66	SUSHMITA RUDRA PAL	3rd Life
67	SWARNAVA DUTTA	Capgemini
		WIPRO Technologies
68	TUSHAR SAHA	Idiosys Infotech Pvt. Ltd.
		Techno Exponent

Seminar/Workshop/Webinar/Events organized by Dept. of CSE, JISCE

Sl. No	Date	Name Of Webinar/Events/Workshops/ Training	Name of Speaker with Designation/Conducted by
1	24.06.2019-06.07.2019	Training Program on Big Data	Mr. Rajen Chhetri, Skill Priority
2	24.06.2019-06.07.2019	Python Programming	Ogma Tech Lab
6	31.08.2019 7.09.2019 14.09.2019 21.09.2019	Training Program on Data Analytics	Mr. Santanu Mukherjee and Mr. Somesh Sarkar, Cognizant , Kolkata
7	14.09 2019	Seminar on Recent Trends in IT Industry	CSI Student Chapter, Department of CSE
8	14.11.2019	West Bengal State student Convention	CSI Student Chapter, Department of CSE
9	05.04.2020	Webinar on Ethical Hacking	Webinar Conducted by Mr. Soumya Raha, Corporate Trainer, Ardent Computech Pvt. Ltd
10	08.04.2020	Webinar on Data Analytics	Webinar Conducted by Mr. Mukul Basu, Head-Operations & Academic Head, GlobNet Systems
11	11.04.2020	Webinar on Machine Learning with Cloud Technologies	Webinar Conducted by Mr. Victor Mukherjee, Academic Expert, Digimind.
12	18.04.2020	Stress Management	Webinar Conducted by Priya Kantam, International faculty, The art of living
13	18.04.2020	National Level Online Coding Challenge	Conducted by CSI Students Chapter , JISCE, and participated by many national level coders from different states of India
14	18/04/2020	Parent Teacher Meeting	Conducted by all teachers with the parents of CSE Students
15	19.04.2020	Recent trends and opportunities in IT industry	Webinar Conducted by "Mr. Dibyendu Santra, Sr. Software Engineer, Microsoft
16	20.04.2020	Industry Expectations from Engineering Graduates	Webinar Conducted by Pawan Kumar Singh (Sr. Advance Software Architect, Honeywell Technology Solution Lab)
17	22.04.2020	online cultural Event	Conducted by all teachers of CSE Department along with the CSE Students
18	23.04.2020	Webinar to Diploma students about the opportunity for higher Study	Webinar Conducted by CSE Department faculties
19	24.04.2020	Webinar on "How to prepare for GATE Exam"	Webinar Conducted by Miss Sweta Shaw , Pursuing M.Tech, IIT Bombay, Alumnus 2016
20	25.04.2020	National Webinar on 'As you Sow, So shall you Reap'	Webinar Conducted by Shri Venugopal Lakshmipuram, International Motivational Speaker

21	26.04.2020	Cultural Night with departmental members	Attended by CSE faculties and Staffs
22	29.04.2020	Recent Trends in Cyber Security & Blockchain	Webinar Conducted by Dr. Ditipriya Sinha (Asst. Professor, NIT Patna)
23	30.04.2020	Inernshala Internship Program	Webinar Conducted by Coorindtorr of Intershala
24	05.05.2020	You need to know more: Some Investigations in Aspect based Sentiment Analysis	Webinar Conducted by Dr. Asif Ekbal, Associate Professor, CSE Dept., IIT Patna
25	07.05.2020	Webinar on Software Engineering	Webinar Conducted by Sumanta Chatterjee, Assistant Professor, CSE, from JISCE at JIS School of Polytechnic in online mode
26	07.05.2020	National Webinar on 'CORONA: The Other Facts	Webinar Conducted by Dr. Dipankar Ghosh
27	08.05.2020	National Level Online Photography Competititon-CSE 2020	Students participatd in various levels like DSLR Abstract , DSLR Nature ,as well as Mobile Photograph
28	09-05-2020	National Webinar on Career Opportunities of B.Tech Students	Webinar Conducted by Mr. Sukanta Sharma ,Senior Software Engineer at Odessa Technologies , Bangalore.Consultant at Dell Financial Services , United States
29	12.05.2020	National Webinar on "Web Development using MERN Stack	Webinar Conducted by Rajan Chhetri, Technical Consultant , Skill Priority Eduaction
30	11.05.2020	A Digital Cultural Celebration of Rabindra Jayanti by CSE dept on 11.05.2020	Students, Alumni as well as Teachers participatd in various levels like Rabindra Sangit , Nritya and Recitation
31	11.05.2020	National Level 48 Hrs. Online Android App Development Challenge	Participants participated from all over India
32	16.05.2020	Parent Teacher Meeting	Conducted by all teachers with the parents of CSE Students
33	12.05.2021	"Realization of Client Server Process by Amalgamating Computer Network & Web Technology" for Diploma Students	Webinar Conducted by Sudipta Sahana, Assistant Professor, CSE, JISCE
34	14.05.2020	Webinar on "Changing Role of Public Sector: Job Opportunities & Challenges"	Webinar Conducted by Ms. Hafsa Rahaman , Divisional Engineer (IT & C) , West Bengal State Electricity Distribution Company Limited (WBSEDCL), Kolkata , Alumnus 2009
35	14.05.2020	Two-Day National Workshop on "Time Series Analysis and Distributed Computing" (First Sessin)	Webinar Conducted by Mr. Sayantan Chakraborty, Technical Consultant (http://www.iamct.org/Sys/PublicProfile/12979906)
36	14.05.2021	Two-Day National Workshop on "Time Series Analysis and Distributed Computing" (Second Sessin)	Webinar Conducted by Mr. Sayantan Chakraborty, Technical Consultant (http://www.iamct.org/Sys/PublicProfile/12979906)

37	16.05.2020	AWS Cloud Basic Architecture	Webinar Conducted by Mr.Biswanath Mondal, Cloud Architect at Tata Consultancy Service
38	17.05.2020	Cultural Evening by CSI Student Chapter	Conducted by CSI Students Chapter , JISCE, and participated by many current students , Alumni as well as Faculty Members
39	31.05.2020	webinar on "Art of Self - Motivation, Career path and role of passion"	Webinar Conducted by Mr. Sohan Goswami, Alumnus 2011 of CSE Dept.

Faculty Achievement

Faculty Name	Achievements
Dr. Dharmpal Singh	1.Dr. Dharmpal Singh, Reviewer of International Journal of Computer Aided Engineering and Technology In month of July.2019 2.Received 3rd Best paper Award as mentor in students publication in CSI-WBSSC2K19 (CSI - West Bengal State Student Convention 2K19), 14th Nov 2019 3. Awarded from JIS Group under the category of Publication with Students and Book Chapter in month of October 2019 4. 4th phase LDP program of UKIERI program in UK during 13.10.2019-20.10.2019 by AICTE-UKIERI program.
Mr.Sudipta Sahana	1. He has published a Book - Economics and Security Implications of Cloud Computing. 2.Received 3rd Best paper Award as mentor in students publication in CSI-WBSSC2K19 (CSI - West Bengal State Student Convention 2K19), 14th Nov 2019 3. Awarded from JIS Group under the category of Grant Received in month of October. Also Awarded from JIS Group under the category of Publication with Students in month of October 2019 4. Submitted PhD thesis in month of November.
Mr. Sumanta Chatterjee	1.Invited Speaker at Dubrajpur Govt. Industrial Training Institute on 27th November 2019 2.Received Best paper Award as mentor in students publication in CSI-WBSSC2K19 (CSI - West Bengal State Student Convention 2K19), 14th Nov 2019 3.Received 2nd Best paper Award as mentor in students publication in CSI-WBSSC2K19 (CSI - West Bengal State Student Convention 2K19), 14th Nov 2019 4. Awarded from JIS Group under the category of Publication with Students and Book Chapter in month of October 2019. 5. Organizing Committee member of International Conference on Contemporary Issues in Computing.

Dr. Bikramjit Sarkar	1.Technical Chair of ICICCT 2019 (International Conference on Innovative Computing and Cutting-edge Technologies, Istanbul) [Springer Conference]
	2.CMI Level 5 certification, UK
	3.Secretary (Technical), Kolkata Chapter, Indo-UK Confederation of Science, Technology & Research, UK
	4. Microsoft Technology Associate for Security Fundamentals.
Dr. Pranati Rakshit	1. Received the PhD degree in month of August.
Mr.Apurba Paul	1.Achieved 2nd Best paper Award as mentor in students publication in CSI-WBSSC2K19 (CSI - West Bengal State Student Convention 2K19), 14th Nov 2019
Mrs.Ira Nath	1.Achieved 3rd paper Award in Best paper selection as mentor in students publication in CSI-WBSSC2K19 (CSI - West Bengal State Student

Student Achievement

Sl. No.	Name of the Student(s)	Year	Achievements	Date/Year
1	Jesmin Roy	2nd	1. Best Paper Award On CSI West Bengal State Convention. 2.Best Paper Award on I3SET2k19 3.Another Best Paper Award On I3SET2k19	2019
2	Oishik Chattopadhyay	2nd	The Joy of Computing Using Python(NPTEL)(Elite- Silver)	2019
3	Anushka Sikdar	2nd	NPTEl Certificate On Problem Solving In Programming In C	2019
4	Monoram Das	2nd	Paper Presentation at Intelligent Alcohol Detection System For Car Drivers At International Conference at NIT, Agarpara	2019
5	Prithwijit Das	3rrd	NPTEL Discipline Star	2019
5	Samar Anand	2nd	1.Under 3000 Global Rank In Google Kick-Start Coding Challenge 2.Elite In C++ And Data Structure Using Python 3.CSI Coding Contest Winner By JIS College of Engineering	2019
6	Hritwick Raj	2nd	Certification From NPTEL - Cryptography And Network Security (73%)	2019
7	Dwaipayan Saha	2nd	1. CSI West Bengal State Student Convention - Best Paper Award 2. International Conference On Industry Interactive Innovations In Science, Engineering And Technology (I3set2k19) - Best Paper Award 3.International Conference On Industry Interactive Innovations In Science, Engineering And Technology (I3set2k19) - Best Paper Award	2019
8	Souvik Masanta	3rd	Achieved NCC Certificates And Medals	2019
9	Md Adib	2nd	14 th Position On Integrated Hackathon conducted by JISCE	2020

10	Kausik Saha	2nd	Published research paper in International Journal (IJRAR)	2020
11	Dwaipan Saha , Jesmin Roy , Indrani Mukherjee, Aniket Das , Anik Sutradhar,Pratnadeep Biswas	2nd	Selected for SIH 2020 Grand Finale (Hardware Hackathon)	2020
12	Diptanu Ghosh	2nd	1.2nd Prize Holder in the Online 2.Cultural Competition-CSE On 15th April 2020; 3.Completed Html And C Tutorial Courses On Sololearn Platform; 4.Created A Portfolio Website Along With An E-Commerce Website With Database	2020
13	Rahul Das	2nd	First in IIT Kharagpur in Tech Fest(With Team),Presented Paper ,Appointed As A App/Web Developer In A Company, Completed Some Courses With Certificates (E-Tab ,Web Development	2020
14	Guddu Kumar	2nd	1. 1st Position In 200 Meter Run 2.2^{nd} Position In 100 Meter Run 2020 3. 2nd Runners Up In 400 Meter Run	2020
15	Shruti Shah	2nd	1.Achieved Best Sports Person (Girl)2020 2. 1st Position In 800 Mtr Run in Annual Sports 2020 3. 2nd Position In Discuss Throw in Annual Sports 2020 4. 2nd Position In Long Jump in Annual Sports 2020 5. 1st Position In 400 Mtr Run in Annual Sports 2020 6. 1st Position In 200 Mtr Run in Annual Sports 2020	2020
16	Debraj Karmakar	2nd	Selected For Final In Smart India Hackathon 2020	2020
17	Ashish Abhishek Minz	2nd	Smart India Hackathon Finalist.	2020
18	Prithwijit Das	3rd	3rd , 6th And 13th Position in JISCE Integrated Hackathon 2020	2020

19	Prithwijit Das	3rd	Research Paper Published in International Journal (IJCSE)	2020
20	Swarnali Paul	2nd	1.1st Position In Discuss Throw in Annual Sports 2020 2. 1st Position In Javelin In Annual Sports 2020	2020
21	Ankitarajbhar, Shruti Shah , Aisharaya Sadh, Arya Raj	CSE 3rd Yr, CSE 2nd Yr, CSE 2nd Yr, CSE 1styr	CSE Achieved 1st Position In Relay Race (Girls)	2020
22	Saqlain Mustak	4th Yr	Man of the Match In Semi Final as opening Batsman In Sardar Jodh Singh Memorial Cricket Tournament	2020
23	Anik Mondal And Saqlain Mustak	4th Yr	JISCE Became Runners Up in The Final Match of Sardar Jodh Singh Memorial Cricket Tournament	2020
24	Amartya Bhattacharya Arghyadip Dolui Rupam Halder	Cse 3rd Yr , Cse2nd Yr , Cse2nd Yr	Achieved Runners Up Cup In Sardar Jodh Singh Memorial Volley Ball Tournament	2020
25	Shruti Shah, Sabita Shaw, Anusua Biswas , Sneha Shaw,Aishwaraya Sadhu	All From Cse 2nd Yr	Shruti Shah Achieved the honour of The Player of the Match In The 1st Game of Group Stage	2020
26	Jayaraj Singh	3rd	Selected For Internship And Training t Crio.Do , Highest Rank Holder In JISCE For National Level Coding Competition Conducted By CSI Student Chapter , JISCE	2020

Invited talk by the faculty

Invited Talk by Faculty members					
Sl no.	**Faculty Member's Name**	**Description**			
1		**Name /Title of the Lecture/Talk**	**Date**	**Category of the Participants**	**Venue**
	Mr. Sumanta Chatterjee	Software Development Process Model & Concept of Software Cost Estimation	28th April 2020	Students(3rd year CSE)	JIS School of Polytechnic in online Platform
2	Mr. Sumanta Chatterjee	Problem Based learning in Education system.	27th November 2019	Students of Dubrajpur Govt. Industrial Training Institute	Dubrajpur Govt. Industrial Training Institute

National/International visits of faculty

National and International visit by Faculty members		
Sl no.	**Faculty Member's Name**	**Description**
1	Dr. Dharmpal Singh	1. 4th phase LDP program of UKIERI program in UK during 13.10.2019-20.10.2019 by AICTE-UKIERI program. 2. Visit to North East Hill University, Shillong for UKIREI-AICTE Workshop-3 (June 11, 2019 to June 13, 2019)
2.	Dr. Bikramjit Sarkar	1. Visit to North East Hill University, Shillong for UKIREI-AICTE Workshop-3 (June 11, 2019 to June 13, 2019)

Publications of Faculty

Sl No	Title of the paper	Author	Publication Details/Vol.No./ISSN No./Page No.
1.	An Efficient Heuristic to Minimize Number of Regenerations in Translucent Optical Network under Dynamic Scenario	Ira Nath, U. Bhattacharya, M. Chatterjee	International Conference on Distributed Computing and Networking (ICDCN19), ISBN: 978-1-4503-6094-4 Pages 451-454 Published and included in ACM Digital Library, Scopus Indexed.
2.	A new bio-inspired algorithm: lizard optimization	Dr. Dharmpal Singh	International Journal of Computer Aided Engineering and Technology, Accepted, abstract publish, (Scopus).
3.	A Noble Approach Towards Security Implementation In Cloud Virtualization Framework	Tanmoy Mukherjee, Sudipta Sahana, Debabrata Sarddar	2nd International Conference on Communication, Devices and Computing (ICCDC 2019), Published (Scopus), December, 19
4.	Image Steganography Based Additive Smart Data Encryption Technique for Network Security Improvement	Suchismita Gupta, Ujjwal Barman, Sudipta Sahana	2nd International Conference on Communication, Devices and Computing (ICCDC 2019), Published (Scopus), December, 19.
5.	MFAO: Modified Firefly Algorithm for Optimization	Dr. Dharmpal Singh	Malaysian Journal of Computer Science (MJCS), Communicated
6.	A New Bio-inspired Algorithm: Social Spider Algorithm	Dr. Dharmpal Singh	Journal of Soft Computing, Communicated, SCI
7.	A Comparative study of meta heuristic model to assess the breast cancer disease type under the domain of data mining	Dr. Dharmpal Singh	IETE Journal of Research, SCI Index (Accepted).
8.	Assessment of The Heart	Dharmpal Singh,	The 4th International Conference on

	Disease Using Soft Computing Methodology	Souvik Pal, Sudipta Sahana, Ira Nath, S. Bhattacharyya	Research in Intelligent and Computing in Engineering, Hanoi University of Industry, Vietnam, August 8-9, 2019 Advances in Intelligent Systems and Computing, Vol. 1125, Pages-1-7, 2020, Scopus Indexed. https://doi.org/10.1007/978-981-15-2780-7_1
9.	An Effort to Analysis the Causes of Rail Accident using the concept of statistical methods	Dharmpal Singh, Souvik Pal, Sudipta Sahana,Ira Nath, S. Bhattacharyya	The 4th International Conference on Research in Intelligent and Computing in Engineering, Hanoi University of Industry, Vietnam, August 8-9, 2019 (Scopus)
10.	Security and Privacy Challenges in Big Data	Dr. Dharmpal Singh, Ira Nath and Pawan Kumar Singh	Security, Privacy, and Forensics Issues in Big Data, Pages: 28, DOI: 10.4018/978-1-5225-9742-1.ch004, (pages 97-124), Chapter-4, IGI Global 2020.
11.	Efficiency of Big Data Application in Smart City	Dr. Dharmpal Singh, Pranati Rakshit, Sudipta Sahana	Book chapter, International, book of Big Data Analytics for Sustainable Computing
12.	Application of IoT in Health care	Pranati Rakshit, Ira Nath, Dr. Souvik Pal	It will be published in BOOK TITLE: "Principles of Internet of Things (IoT) Ecosystems: Insight Paradigm", Book chapter (Springer) BOOK SERIES TITLE: Intelligent Systems Reference Library "Springer" PUBLISHERS: Springer INDEXING: ISI Web of Science, SCOPUS, DBLP and Springerlink. (accepted)
13.	A Design of IoT Based Agricultural System for Optimal Management	Dr. Dharmpal Singh, Dr. Souvik Pal, Sudipta Sahana	Analytic in IoT agriculture, Book chapter
14.	An Empirical study of Digital Marketing Strategies in E-Commerce Review and Prospect	Sumanata Chatterjee	Book of Digital Marketing Strategies and Models for Competitive Business
15.	Automatic Music Genre Detection using Artificial Neural Networks	P. Mondal, Ira Nath, N. Gupta, M. K. Jha, D. G. Ganguly.	International Conference on Research in Intelligent and Computing in Engineering (RICE-2019) Advances in Intelligent Systems and Computing, Vol.-1125, Pages-17-24, 2020,

			https://doi.org/10.1007/978-981-15-2780-7_3
16.	A New Accident Alert System Using Android App Development	Anindya Dey, Ira Nath, Ramaadyuti Battabyal, Bhakta Ballav Garai and Amit Mazumder	AICTE Sponsored 2nd International Conference on NonConventional Energy – Nanotechnology & Nanomaterials for energy and Environment (ICNNEE2019), 18th October, 2019.
17.	Face Recognition by City-Block Distance Classifier in Supervised Machine Learning	Debasree Mitra, Parantap Sarkar, Payel Roy	International Journal of Research and Analytical Reviews (IJRAR)	/ Vol 6 / E-ISSN 2348-1269, P- ISSN 2349-5138 /Issue 2/June 2019
18.	Security and privacy issues in IoT, and its challenges and solutions	Dr. Bikramjit Sarkar	Accepted for the book "IoT Security And Privacy Paradigm"
19.	An Analytical Survey on the Health-Care Paradigm in IoT Ecosystem and Policy Implementation Protocols in India	Biswas, R., Pal, S., Sarkar, B. and Chakrabarty, A.	In Fourth International Conference on Research in Intelligent and Computing in Engineering [RICE 2019], Springer (Scopus)
20.	NEHSC: A New Efficient Heuristic For Symmetric Key Cryptography	Ira Nath, Pranati Rakshit, Dharmpal Singh	Published in AICTE Sponsored 2nd International Conference on Non-Conventional Energy – Nanotechnology & Nanomaterials for energy and Environment (ICNNEE2019), 18th October, 2019.
21.	Face Detection Using Support Vector Machine With Pca	Pranati Rakshit, Sonali Bhattacharyya, Jhumpa Mistri and Ira Nath	Published in AICTE Sponsored 2nd International Conference on Non-Conventional Energy – Nanotechnology & Nanomaterials for energy and Environment (ICNNEE2019), 18th October, 2019.
22.	Assessment of Annual Average Temperature by Soft Computing Model	Dharmpal Singh, Sudipta Sahana and Ira Nath,	Published in AICTE Sponsored 2nd International Conference on Non-Conventional Energy – Nanotechnology & Nanomaterials for energy and Environment (ICNNEE2019), 18th October, 2019.

23.	Prediction of heart disease using SVM with feature selection	Dr. Pranati Rakshit Debasree Mitra	I3SET2K19 (accepted)
24.	Prediction Of Diabetes Mellitus Using Different Machine Learning Techniques	Debasree Mitra, Dr. Pranati Rakshit , Ali Siraz Akhtar,Arghya Bhowmick,Himanshu Singh,Dibya Mondal, Khwaja Mohiuddin Ansari,Kaustubh Chakraborty	International Conference in I3SET2019/Dec 2019 (Elsevier SSRN)
25.	Prediction of Heart Disease Using Support Vector Machine With Feature Selection Method	Rahul Majumder,Dr. Pranati Rakshit , Debasree Mitra,Swatilekha Nag,Suchismita Gupta,Swarnava Gupta	International Conference in I3SET2019/Dec 2019 (Elsevier SSRN- Post Conference Communication)
26.	Identification and prediction of factors responsible for diabetes by machine learning approaches	Debasree Mitra,Arghya Bhowmick,Himanshu Singh,Dibya Mondal, Khwaja Mohiuddin Ansari,Kaustubh Chakraborty	International Conference in ICNNEE2019/Oct 2019 (Elsevier SSRN- Post Conference Communication)
27.	A Design of IoT-Based Agricultural System for Optimal Management.	Sahana S., Singh D., Pal S., Sarddar D.	IoT and Analytics for Agriculture. Studies in Big Data, vol 63. Springer, Singapore, First Online02 October 2019, DOI :https://doi.org/10.1007/978-981-13-9177-4_10, Publisher Name, Springer, Singapore
28.	Efficacy of Big Data application in smart city	Sudipta Sahana, Dharmpal Singh, Pranati Rakshit,	Machine Learning and Cognitive Computing for Mobile Communications and Wireless Networks" by Scrivener Publishing, Wiley. (Accepted)
29.	Information Technology and Student Success	Dharmpal Singh, Ira Nath and Sonali Bhattacharyya	EoT_2020 (Education of Things_Digital Pedagogy) (Accepted)

30.	Diagnosis and Detection of Various Diseases using Machine Learning heuristics: A Study	Ira Nath, Pranati Rakshit and Dharmpal Singh	Will be published in Machine Learning & Internet of Medical Things in Healthcare (MLIoMTH-2020). Elsevier [Scopus Indexed]. [Accepted]
31.	Detection of Heart Disease using different Machine Learning Techniques	Jhumpa Mistri, Pranati Rakshit	IJLTET, Vol.(13)Issue(1), pp.022-027, DOI: http://dx.doi.org/10.21172/1.131.05, e-ISSN:2278-621X
32.	Bio-molecular Event Trigger Extraction by Word Sense Disambiguation based on Supervised Machine Learning using Wordnet-based Data Decomposition and Feature Selection	Amit Majumder, Asif Ekbal, Sudip Kumar Naskar	GAIC-2019, IEM, Kolkata, September 12-14, 2019 Advances in Intelligent Systems and Computing, Vol.1112, Pages-391-398, 2020, Scopus Indexed. 10.1007/978-981-15-2188-1_31
33.	Supervised Machine Learning approach for Extracting Named Entities from Hindi-English Mixed Social Media Text	S. Arya, A. Majumder, S. Majumder, A. kundu, N. Shamim, I. Nath	International Journal of Computer Sciences and Engineering, Vol.08, Special Issue.01, pp.1-4, Feb-2020.
34.	A New Technique for New York Stock Exchange (NYSE) Data Analysis Using Apache Pig	S. Halder, D. Dugar, I. Nath, P. Rakshit, D. Singh	International Journal of Computer Sciences and Engineering, Vol.08, Special Issue.01, pp.10-15, Feb-2020.
35.	NTCETLS: A Novel Technique for Cryptography Ensuring Two Level Security	S. Ghosh, P. Das, I. Nath, D. Singh, S. Sahana	International Journal of Computer Sciences and Engineering, Vol.08, Special Issue.01, pp.19-24, Feb-2020.
36.	Assessment of Exported Tea Quantity using	A. Roy, D. Singh, S. Sahana, I. Nath, P.	International Journal of Computer

		Rakshit	Sciences and Engineering, Vol.08, Special Issue.01, pp.59-63, Feb-2020.
37.	Real-Time Local Train Tracking System through Haar Cascade Classifier and OCR Model	S. Sarkar, S. Lahiri, A. Biswas, A. Das, S. Bhowmick, S. Sahana, D. Singh, I. Nath	International Journal of Computer Sciences and Engineering, Vol.08, Special Issue.01, pp.32-36, Feb-2020.
38.	Comparative Assessment of Performance of LDA, LR and SVM in the Application of Face Detection	S. Paul, P. Rakshit, J. Mistri, I. Nath, S. Biswas, D. Singh, R. Sen,	International Journal of Computer Sciences and Engineering, Vol.08, Special Issue.01, pp.44-48, Feb-2020.
39.	Statistical Approach to Estimate the Weather Prediction	A. Roy, D. Singh, S. Sahana, I. Nath,	International Journal of Computer Sciences and Engineering, Vol.08, Special Issue.01, pp.64-69, Feb-2020.
40.	Intelligent Alcohol Detection System for Car Drivers	Rahul Das, Oishik Chattopadhyay, Pratnadeep Biswas, Monoram Das, Sumanta Chatterjee, Apurba Paul	Proceedings of Industry Interactive Innovations in Science, Engineering & Technology (I3SET2K19)
41.	IoT Based Women Safety Device Without Human Intervention	Dwaipayan Saha, Indrani Mukherjee Jesmin Roy Sumanta Chatterjee	Proceedings of Industry Interactive Innovations in Science, Engineering & Technology (I3SET2K19)
42.	Face Detection using	Pranati Rakshit, Rajit	2nd International Conference on Non-

	Support Vector Mechine with PCA	Basu, Sayan Paul, Sonali Bhattacharyya, Jhumpa Mistri and Ira Nath	Conventional Energy: Nanotechnology & Nanomaterials for Energy & Environment (ICNNEE) 2019
43.	BEHSC: A New Efficient Heuristic for Symmetric Key Cryptography	Ira Nath, Renesha Ghosh, Sourav Ghosh, Pranati Rakshit and Dharmpal Singh	2nd International Conference on Non-Conventional Energy: Nanotechnology & Nanomaterials for Energy & Environment (ICNNEE) 2019
44.	Literature Survey on Data Security and Challenges	Jayshree Bhattacharya, Jhumpa Mistri, Riya Biswas, Debolina Dalui, Dr. Dharmpal Singh, Dr. Pranati Rakshit Sonali Bhattacharya	CSI – West Bengal State Student Convention (Will be published)
45.	Assessment of the Performance of MLP & Hierarchical Clustering Method in the Prediction of Breast Cancer	Jayshree Bhattacharya, Pranati Rakshit, Arindam Roy, Dharmpal Singh, Debolina Dalui	Published in CSI-WBSSC2K19 and will be published in IJCSE.
46.	Microcontroller Based Accident Prevention and Safety System for Mountain Roads	Dwaipayan Saha, Indrani Mukherjee, Jesmin Roy, Sumanta Chatterjee	Published in CSI-WBSSC2K19 and will be published in IJCSE.
47.	Comparative Study Based On Real Time Data On The Innovative Abilities In Terms Of Economical Growth Analysis Of SMEs	Sumanta Chatterjee, Arindam Roy, Jayshree Bhattacharya	Published in AICTE Sponsored 2nd International Conference on Non-Conventional Energy – Nanotechnology & Nanomaterials for energy and Environment (ICNNEE2019), 18th October, 2019.

48.	Microcontroller Based Water Level Indicator and Controller System	Dwaipayan Saha, Indrani Mukherjee, Jesmin Roy, Sumanta Chatterjee	International Journal of Computer Sciences and Engineering Open Access, Vol.-7, Issue-10, Oct 2019 E-ISSN: 2347-2693.
49.	Lock Steganography Based Secure Key Encryption to Improve Data Security	AArindam Roy, Jayshree Bhattacharya, SayantaniKundu, SudiptaSahana and Dharmpal Singh	International Conference on Innovation in Modern Science and Technology (ICIMSAT 2019) on September 20-21, 2019 (Springer)
50.	IOT Based Energy Meter Towards Efficient Power Consumption	Ankita Roy Chowdhury, BipashaSaha, Gangotri Sarkar, JyotiChoudhary, SudiptaSahana and Dharmpal Singh	Icnnee 2019: Aicte Sponsored International Conference On Nanotechnology & Nanomaterials For Energy And Environment October 18 & 19, 2019
51.	A Noble Approach Toward Security Implementation in Cloud Virtualization Framework	Mukherjee, T., Sahana, S., Sarddar, D.	Lecture Notes in Electrical Engineering, Vol.602, Page-541-552, 2020, Scopus indexed 10.1007/978-981-15-0829-5_52
52.	Hyperspectral and multispectral image fusion using NSCT and FDCT methods	Pal, S., Bhattacharyya, S., Doss, S., Akila, D., Suseendran, G.	Journal of Critical Reviews, Vol.7, Pages-635-642, 2020, Scopus indexed. 10.31838/jcr.07.05.131
53.	Minimizing Cost of Regeneration at Regeneration Sites-A New Approach for Dynamic Lightpath Establishment in Translucent Optical Networks	Nath, I., Dey, V., Halder, J., Chatterjee, M., Bhattacharya, U.	IEEE Access, Vol.-8, Pages-4198-4210, 2020, Scopus Indexed, SCIE 10.1109/ACCESS.2019.2960800

54.	Application of IOT in healthcare	Rakshit, P., Nath, I., Pal, S.	Intelligent Systems Reference Library, Vol. 174, Pages-263-277, 2019, 10.1007/978-3-030-33596-0_10, Scopus Indexed
55.	The reasons for rail accident in India using the concept of statistical methods: An analytical approach	Singh, D., Sahana, S., Pal, S., I. Nath, Bhattacharyya, S., Chakraborty, S.	Advances in Intelligent Systems and Computing, Vol. 1125, Pages-9-16,2020, Advances in Intelligent Systems and Computing https://doi.org/10.1007/978-981-15-2780-7_2
56.	A Conceptual Framework Towards Implementing a Cloud-Based Dynamic Load Balancer Using a Weighted Round-Robin Algorithm	Sudipta Sahana, Tanmoy Mukherjee and Debabrata Sarddar	International Journal of Cloud Applications and Computing, Vol. 10, Pages-22-35, 2020, Web of Science, DOI: 10.4018/IJCAC.2020040102
57.	Developing a Smart and Sustainable Transportation Plan for a large sized city: An Approach to Smart City Modeling	Majumdar, S. and Sarkar, B.	In Fourth International Conference on Research in Intelligent and Computing in Engineering [RICE 2019], Springer (Scopus) 2019, August
58.	Revitalizing MSMEs' Performance with Transparency: Monitoring, Mentoring and Malwaring through IoT Intervention	Norbu, T., Mall, M., Sarkar, B., Pal, S. and Chakrabarty	In International Conference on Intelligent Computing and Communication Technologies [ICICCT-2019]. Springer (Scopus)
59.	An Approach towards Soil Erosion Monitoring System using Satellite Images through Data Mining and Pattern Mining Techniques	Suseendram, G., Sarkar, Bikramjit, Pal, Souvik, Mahalakshmi, B. and Rohini. K.	Journal of Critical Reviews (Scopus), 2020.

60.	Voice of Future Classroom: Virtual Reality and Augmented Reality. In Education of Things: Digital Pedagogy	Sarkar, B., Saha, D. and Das	CRC Press, Taylor & Francis Group, 2020 [Accepted].
61.	Computation of Regeneration Sites in Survivable Cost-efficient Translucent Optical Networks	I. Nath, M. Chatterjee, D. Sinha and U. Bhattacharya	International Journal of Recent Technology and Engineering, Vol.8 Issue-5, January 2020, pages 4024-4033. (Indexed in - SCOPUS and others).
62.	Efficacy of Big Data Application in Smart Cities	S. Sahana, D.Singh and P.Rakshit	Machine Learning and Cognitive Computing for Mobile Communications and Wireless Networks, Pages-225, Publisher-John Wiley & Sons, Publication Date-29.05.2020.
63.	Assessment of Annual Average Temperature by Clustering Algorithm	Dr. Dharmpal Singh, Sudipta Sahana	The RICE-2020 conference proceedings will be publishing with Advances in Intelligent Systems and Computing, Springer ISSN: 2194-5357
64.	A New Bio-inspired Social Spider Algorithm	Dr. Dharmpal Singh	has been accepted for publication in International Journal of Applied Metaheuristic Computing 12(1), 2021.
65.	IoT based Health Care System	Dr. Dharmpal Singh, Sudipta Sahana	for the upcoming book, "Impact of Deep Learning and IoT on Multi-Industry Applications (Accepted)
66.	Application of Augmented Reality and Virtual Reality in Education	Dr. Dharmpal Singh, Ira Nath	for the upcoming book, "Implementing Augmented Reality into Immersive Virtual Learning Environments." (Accepted)

67.	Microcontroller Based Smart Door Locking system	Sumanta Chatterjee, Md Adib, Hritwick Raj, Prabhat kumarJha	ICCIC 2020 (CONFERENCE)
68.	COMPARATIVE STUDY OF VARIOUS TOUCH SCREEN TECHNOLOGIES: A REVIEW	Kshitish S Jha, Sumanta Chatterjee, Koushik Saha, Palak Choudhary, Monalisa Ghosh & Indrani Naskar	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS http://doi.one/10.1729/Journal.23073, February, 2020. (E-ISSN 2348-1269, P-ISSN 2349-5138)
69.	Comparative Study Based on Real Time Data on the Innovative Abilities in Terms of Economical Growth Analysis of SMEs	Sumanta Chatterjee, ArindamRoy Jayshree Bhattacharya	2nd International Conference on Non-Conventional Energy: Nanotechnology & Nanomaterials for Energy & Environment (ICNNEE) 2019

Publications of Students

Sl No	Title of the paper	Author	Publication Details/Vol.No./ISSN No./Page No.
1.	An Analytical Survey on the Health-Care Paradigm in IoT Ecosystem and Policy Implementation Protocols in India	Riya Biswas, Dr.Bikramjit Sarkar	4th International Conference on Research in Intelligent and Computing in Engineering (RICE 2019), August 08-09, 2019, Accepted (Springer) [Scopus indexed]
2.	Face Recognition by City-Block Distance Classifier in Supervised Machine Learning	Debasree Mitra, Parantap Sarkar, Payel Roy	International Journal of Research and Analytical Reviews (IJRAR)	/ Vol 6 / E-ISSN 2348-1269, P- ISSN 2349-5138 /Issue 2/June 2019
3.	Supervised Machine Learning approach for Extracting Named Entities from Hindi-English Mixed Social Media Text	S. Arya, A. Majumder, S. Majumder, A. kundu, N. Shamim, I. Nath	International Journal of Computer Sciences and Engineering, Vol.08, Special Issue.01, pp.1-4, Feb-2020.
4.	A New Technique for New York Stock Exchange (NYSE) Data Analysis Using Apache Pig	S. Halder, D. Dugar, I. Nath, P. Rakshit, D. Singh	International Journal of Computer Sciences and Engineering, Vol.08, Special Issue.01, pp.10-15, Feb-2020.
5.	Identification and Prediction of Factors Responsible for Diabetes by Machine Learning Approaches	Debasree Mitra, ArghyaBhowmick, Himanshu Singh, Dibya Mondal, Khwaja Mohiuddin Ansari and Kaustubh Chakraborty	2nd International Conference on Non-Conventional Energy: Nanotechnology & Nanomaterials for Energy & Environment (ICNNEE) 2019

6.	NTCETLS: A Novel Technique for Cryptography Ensuring Two Level Security	S. Ghosh, P. Das, I. Nath, D. Singh, S. Sahana	International Journal of Computer Sciences and Engineering, Vol.08, Special Issue.01, pp.19-24, Feb-2020.
7.	Assessment of Exported Tea Quantity using Fuzzy Neural Model	A. Roy, D. Singh, S. Sahana, I. Nath, P. Rakshit	International Journal of Computer Sciences and Engineering, Vol.08, Special Issue.01, pp.59-63, Feb-2020.
8.	Real-Time Local Train Tracking System through HaarCascade Classifier and OCR Model	S. Sarkar, S. Lahiri, A. Biswas, A. Das, S. Bhowmick, S. Sahana, D. Singh, I. Nath	International Journal of Computer Sciences and Engineering, Vol.08, Special Issue.01, pp.32-36, Feb-2020.
9.	Comparative Assessment of Performance of LDA, LR and SVM in the Application of Face Detection	S. Paul, P. Rakshit, J. Mistri, I. Nath, S. Biswas, D. Singh, R. Sen,	International Journal of Computer Sciences and Engineering,Vol.08, Special Issue.01, pp.44-48, Feb-2020.
10.	Statistical Approach to Estimate the Weather Prediction	A. Roy, D. Singh, S. Sahana, I. Nath,	International Journal of Computer Sciences and Engineering, Vol.08, Special Issue.01, pp.64-69, Feb-2020.
11.	Intelligent Alcohol Detection System for Car Drivers	Rahul Das, Oishik Chattopadhyay, Pratnadeep Biswas, Monoram Das, Sumanta Chatterjee, Apurba Paul	Proceedings of Industry Interactive Innovations in Science, Engineering & Technology (I3SET2K19)

12.	IoT Based Women Safety Device Without Human Intervention	DwaipayanSaha, Indrani Mukherjee Jesmin Roy Sumanta Chatterjee	Proceedings of Industry Interactive Innovations in Science, Engineering & Technology (I3SET2K19)
13.	A New Accident Alert System Using Android App Development	Ira Nath, Anindya Dey, Sattik Das, RamaadyutiBatta vyal, Bhakta BallavGarai and Amit Majumder	2nd International Conference on Non-Conventional Energy: Nanotechnology & Nanomaterials for Energy & Environment (ICNNEE) 2019
14.	Face Detection using Support Vector Mechine with PCA	PranatiRakshit, RajitB asu, Sayan Paul, Sonali Bhattacharyya, Jhump a Mistri and Ira Nath	2nd International Conference on Non-Conventional Energy: Nanotechnology & Nanomaterials for Energy & Environment (ICNNEE) 2019
15.	BEHSC: A New Efficient Heuristic for Symmetric Key Cryptography	Ira Nath, Renesha Ghosh, Sourav Ghosh, PranatiRakshit and Dharmpal Singh	2nd International Conference on Non-Conventional Energy: Nanotechnology & Nanomaterials for Energy & Environment (ICNNEE) 2019
16.	Assessment of Annual Average Temperature by Soft Computing Model	Arindam Roy, Dharmpal Singh, Sudipta Sahana and Ira Nath	2nd International Conference on Non-Conventional Energy: Nanotechnology & Nanomaterials for Energy & Environment (ICNNEE) 2019
17.	Prediction of Diabetes Mellitus Using Different Machine Learning Techniques	Debasree Mitra, Dr. PranatiRakshit , Ali SirazAkhtar,ArghyaB howmick,HimanshuSi ngh,Dibya Mondal, Khwaja Mohiuddin Ansari,Kaustubh Chakraborty	International Conference in I3SET2019/Dec 2019 (Elsevier SSRN)
18.	Prediction of Heart	Rahul	International Conference in I3SET2019/Dec

		Majumder,Dr.Pranati Rakshit , DebasreeMitra,Swatil ekhaNag,SuchismitaG upta,Swarnava Gupta	2019 (Elsevier SSRN- Post Conference Communication)
19.	Literature Survey on Data Security and Challenges	Jayshree Bhattacharya, Jhumpa Mistri, Riya Biswas, DebolinaDalui, Dr. Dharmpal Singh, Dr. PranatiRakshitSonali Bhattacharya	CSI – West Bengal State Student Convention (Will be published)
20.	Assessment of the Performance of MLP & Hierarchical Clustering Method in the Prediction of Breast Cancer	Jayshree Bhattacharya, PranatiRakshit, Arindam Roy, Dharmpal Singh, DebolinaDalui	Published in CSI-WBSSC2K19 and will be published in IJCSE.
21.	Microcontroller Based Accident Prevention and Safety System for Mountain Roads	DwaipayanSaha, Indrani Mukherjee, Jesmin Roy, Sumanta Chatterjee	Published in CSI-WBSSC2K19 and will be published in IJCSE.
22.	Comparative Study Based On Real Time Data On The Innovative Abilities In Terms Of Economical Growth Analysis Of SMEs	Sumanta Chatterjee, Arindam Roy, Jayshree Bhattacharya	Published in AICTE Sponsored 2nd International Conference on Non-Conventional Energy – Nanotechnology & Nanomaterials for energy and Environment (ICNNEE2019), 18th October, 2019.
23.	Microcontroller	DwaipayanSaha,	International Journal of Computer Sciences and

	Based Water Level Indicator and Controller System	Indrani Mukherjee, Jesmin Roy, Sumanta Chatterjee	Engineering Open Access, Vol.-7, Issue-10, Oct 2019 E-ISSN: 2347-2693.
24.	Lock Steganography Based Secure Key Encryption to Improve Data Security	AArindam Roy, Jayshree Bhattacharya, SayantaniKundu, SudiptaSahana and Dharmpal Singh	International Conference on Innovation in Modern Science and Technology (ICIMSAT 2019) on September 20-21, 2019 (Springer)
25.	IoT BASED ENERGY METER TOWARDS EFFICIENT POWER CONSUMPTION	Ankita Roy Chowdhury, Bipasha Saha, Gangotri Sarkar, JyotiChoudhary, SudiptaSahana and Dharmpal Singh	ICNNEE 2019: AICTE SPONSORED INTERNATIONAL CONFERENCE ON NANOTECHNOLOGY & NANOMATERIALS FOR ENERGY AND ENVIRONMENT October 18 & 19, 2019
26	Microcontroller Based Smart Door Locking system	Sumanta Chatterjee,Md Adib, Hritwick Raj, Prabhat kumarJha	ICCIC 2020 (CONFERENCE)
27	COMPARATIVE STUDY OF VARIOUS TOUCH SCREEN TECHNOLOGIES: A REVIEW	Kshitish S Jha, Sumanta Chatterjee, Koushik Saha, Palak Choudhary, Monalisa Ghosh &IndraniNaskar	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS http://doi.one/10.1729/Journal.23073, February, 2020. (E-ISSN 2348-1269, P- ISSN 2349-5138)
28	Comparative Study Based on Real Time Data on the Innovative Abilities in Terms of Economical Growth Analysis of SMEs	Sumanta Chatterjee, Arindam Roy and Jayshree Bhattacharya	2nd International Conference on Non-Conventional Energy: Nanotechnology & Nanomaterials for Energy & Environment (ICNNEE) 2019

Grant Received: Research Projects and Others

Name of the Dept.	Name of PI	Date	Authority	Title	Amount (Rs.)
CSE	Dharmpal Singh	December 2019	AICTE (AQIS)	Modernization of Computer graphics lab into AR/VR lab	16,00000 (Applied)
CSE	Pranati Rakshit	December 2019	AICTE (AQIS)	Anomalies detection in Human Cerebrovascular structure	1000000 (Applied)
CSE	Dharmpal Singh	December 2019	AICTE (AQIS)	Role of Machine Learning in IT - Automation	500000 (Applied)
CSE	Sudipta Sahana	November 2019	CSI	WB State student Convention	25000

MENTORSHIP PROGRAMME

A Mentor is considered to be an individual who is experienced and knowledgeable and therefore he or she assumes the role of a Guide, Advisor or Tutor to a guide an individual having a lesser experience and knowledge. The individual with less experience and knowledge is known as the Mentee.

Mentorship conducted to counsel and guide the students who act as mentee. Every faculty member acts as the mentor of around 10-12 students from each year in CSE department. Approximately 40 - 48 students are assigned as mentee under the supervision of one individual mentor. Students meet with their assigned mentors in regular interval, though, the student can meet with his/her mentor at any time regarding any issue.

Learning from mentors assists mentees to gain recognition and acknowledgement for their work and performance from their co-workers. It further provides them with the opportunity to grow further in their careers.

To explore the mentor–mentee relationship with a focus on determining the characteristics of effective mentors and mentees and understanding the factors influencing successful mentoring relationships.

We from department of CSE discussed with our faculty members and identified a number of themes, including the characteristics of effective mentors and mentees, actions of effective mentors, characteristics of successful mentoring relationships, and tactics for successful mentoring relationships. Successful mentoring relationships were characterized by **reciprocity, mutual respect, clear expectations, personal connection, and shared values**. Failed mentoring relationships were characterized by poor communication, lack of commitment, personality differences, perceived (or real) competition, conflicts of interest, and the mentor's lack of experience.

We from department of CSE have introduced Mentorship officially to students after we got the Autonomous Status in 2011. Beforehand the class-in-charges used to attend the students and discussed their several issues. The students also discussed their problems with HOD at the time of "HOD Meet" Hour. We from our department have generated an online Google-form and students are continuously updating their information.

Generally, we discuss mentee's expectations of one another, we identify an article or book that a mentor feels would be beneficial for the mentee to read. We ask the mentee about the professional development activities he/she has participated in as a student. We ask the mentee to create a vision for where he/she wants to be in five, ten and/or fifteen years.

We encourage the mentee to get involved in an appropriate professional organization, we share resources. We also consider and collect any resources that might be useful to the mentee.

Mentoring Outcome: -

- Increasing the engagement of students through interactions with a mentor,
- Assisting students in developing a mentoring relationship for career development in an effort to increase knowledge, skills, and competencies that may be needed for future job duties or future career advancement.
- Provide an avenue to access available resources and information to support lateral or upward mobility.
- Student development and engagement - engaging students through professional and personal development;
- Aligns with Talent Management Initiative

Now officially we respond their problem in documented form and our Honorable HOD and Register Madam also personally take care of mentorship. Learning from mentors can assist in personal and career development of mentees in several ways.

Mentees participated in IME 2019, ECO Park

20th Anniversary Celebration

PARENT – TEACHER MEETING (PTM) ON 9.11.2019

PARENT – TEACHER MEETING (PTM) was conducted by JIS College of Engineering, Kalyani on 9th November, 2019. The meeting was aimed for an interaction with the parents of the students of JIS College of Engineering and to know valuable remarks or suggestions from parents to build up the Academic System of JIS College of Engineering more strong and successful.

In the Computer Science and Engineering department, interaction sessions were started by Prof. Dharmpal Singh, HOD, CSE department, who introduced the mentors of the department. The activities like training, mentorship etc. which are carried out for the students were discussed in the meeting. Parents were given feedback and were told to fill-up. These filled-up feed-back forms were collected from them. Session was concluded by giving vote of thanks and good wishes to the parents.

PARENT – TEACHER MEETING (PTM) 2

PARENT – TEACHER MEETING (PTM) was conducted by JIS College of Engineering, Kalyani on 29th February, 2020. The object of the meeting was to interact with the parents of the students of JIS College of Engineering and to know valuable remarks or suggestions from parents to build up strong Academic System of JIS College of Engineering. In the department of CSE, interaction session was started by Prof. Dharmpal Singh, HOD, CSE department. All the mentors of the CSE department interacted with the parents of the mentees face to face. The activities like training, mentorship etc. which are carried out for the students were discussed in the meeting.

PARENT – TEACHER MEETING (PTM) on 18-th of April, 2020

CSE Department, JIS College of Engineering, conducted a Parents Teachers Meet (PTM) on 18-th of April, 2020 at 3.00pm where all parents of 1st year to 4th year B.Tech students were invited to participate.

The PTM was conducted by Dr. Dharampal Singh, HOD, CSE Dept, in presence of Dr. Partha Sarkar, Principal, JISCE and Prof. P.K. Bardhan, Dean and Student affairs, JISCE along with other faculties of CSE Dept. Our honorable Principal Sir, Dr. Partha Sarkar addressed the gathering and shared information towards the issues raised by the parents. We are extremely delighted to inform you that the PTM was extremely fruitful and the overwhelming response of the parents was remarkable in a positive sense.

The following points were covered during the meeting:

- Online teaching of theory and practical classes.
- Project work
- Precautions taken in Hostel and College
- Training activity
- Upcoming examination of 4th year students and 1st to 3rd year students
- Internshala
- Online Test of Students
- Industrial Training for 3rd year students
- Network issue during online classes

PARENT – TEACHER MEETING (PTM) on 16th May, 2020

CSE Department, JIS College of Engineering, has conducted a Parents Teachers Meet (PTM) on 16th May, 2020 at 06.00pm where all parents of 1st year to 4th year students of CSE (B.Tech) department were invited to participate.

The PTM was conducted by Dr. Dharampal Singh, HOD, CSE Dept, in presence Prof. P.K. Bardhan, Dean and Student affairs, JISCE along with other faculties of CSE Department. Dr. Partha Sarkar, Principal, JISCE was invited in the meeting, but, due to some unavoidable circumstances he could not join the meeting.

Prof. P.K. Bardhan, Dean and Student affairs, JISCE addressed the gathering and shared information towards the issues raised by the parents. We are extremely delighted to inform you that the PTM was extremely fruitful and the overwhelming response of the parents was remarkable in a positive sense.

The following points were covered during the meeting:

- Upcoming examination.
- Program related to International Family Day (Family Adda)
- Online Practical Examination
- Semester Fees
- Hostel Fees
- Different Activities conducted through online platform
- Industrial Training

Award

Award received by Faculty members		
Sl no.	**Faculty Member's Name**	**Description**
1	Mr. Sumanta Chatterjee	1. Achieved 14th Position as mentor in students project (Team Defenders) in JISCE Internal Hackathon from 8th to 18th May 2020. 2. Received special Jury Award as mentor in students project (Team Sinister Six) in JISCE Internal Hackathon from 8th to 18th May 2020.
2.	Dr. Bikramjit Sarkar	1. CMI (Chartered Management Institute, UK), Level-5 Certification. 2. Earners of the MTA (Microsoft Technology Associate) on November 8, 2019: Security Fundamentals certification. 3. Nominated as the Secretary (Technical), INDO-UK Confederation of Science Technology & Research (UK) during October 30, 2019 to October 29, 2021; Membership: KOL/INDUK/025.
3.	Mr. Sudipta Sahana	1. Active Participation (Youth) Award of CSI Kolkata Chapter as well as Region.

Target for Next year

1 The department will provide high quality education in computer science by enhancing teaching effectiveness, refining curriculum to keep the program current with the rapidly changing computer technology and providing equipment/facilities for students to access and gain practical experience.

2. The Department will organize International conference in the year of 2020-21.

3. The Department will organize International and National seminar/workshop for academic development of faculty and students.

4. The Department will generate fund from different research projects.

5. The Department will organize Faculty development Programme for enhancement of knowledge for faculty and staff.

6. The Department will organize industry oriented training programme for students' placement.

7. The Department will continue Mentoring Activities for students' development.