

ANNUAL QUALITY ASSURANCE REPORT



2018 - 19

IQAC

Jaypee Institute of Information Technology

Noida

PREFACE

I am happy to present the Annual Quality Assurance Report (AQAR) of the academic year (AY) 2018-19. In July 2014, The JIIT has had established Institute Quality Assurance Cell (IQAC) with the aim to develop quality metrics in all the administrative and academic processes. It was perceived that quality metrics will forge the need for self quality audit and thereby improve the quality in academics, research as well as administration.

The IQAC has successfully generated the quality consciousness in all the organs of the Institute. We have not only established quality metrics but also led pathway for quality audit through feedback collection and analysis. The first report for AY 2014-15 was prepared after considerably deliberation in the beginning of the next AY 2015-16 and subsequently the report for the year 2015-16, 2016-17 and 2017-18 were prepared to have deliberations in the AY 2016-17, 2017-18 and 2018-19 respectively. In due course of time, many processes regarding report preparation, data collection and data analysis have been streamlined.

The IQAC is analyzing the data based on the feedbacks received from the various stake holders, teaching and learning outcome, research contributions, professional activities of the faculty and the placements. In last four consecutive academic years 2015-16, 2016-17, 2017-18 and 2018-19, IQAC has audited all the academic departments and corresponding recommendations have been proposed for the action to take place. In addition, the audit of non-teaching departments has also been carried out for the last three consecutive years, 2016-17 and 2017-18, and recommendations have been proposed for further action in the AY 2017-18 and 2018-19 respectively. The feedback of the AY 2018-19 has been considered for action in the AY 2019-20.

The institute considers the recommendations and take appropriate action for implementation of the recommendations in phases with participation of all concerned. Quality improvement is a culture building exercise and can't be leap forging results. We shall endeavour to make distinct progress in each section and at each stage, perform introspection and mid course correction.

I appreciate the hard work of IQAC team and congratulate them for bringing out 5th Annual quality Assurance Report successfully.

noenp

(S.C. Saxena) Vice Chancellor Jan. 06, 2020

PART A				
	1. Data of the Institution			
Name of the Institution	Jaypee Institute of Information Technology			
Name of the Head of the	Prof. S.C. Saxena			
Institution				
Designation	Vice Chancellor			
Does the Institution	Yes			
functions from own				
campus				
Telephone No.	0120-2594105			
Mobile no.	91-7838189999			
Registered Mail id	Sc.saxena@jiit.ac.in			
Alternate mail id	registrar@jiit.ac.in			
Address	A-10, Sector – 62,			
City/Town	Noida			
State	Uttar Pradesh			
PIN	201309			
	2. Institutional Status			
University	Deemed			
Type of Institution	Co-education			
Location	Urban			
Financial Status	Private			
Name of the IQAC	Prof. Hari Om Gupta			
Coordinator/Director				
Telephone No.	0120-4195806			
Mobile No.	9582899128			
Registered Mail id	Hariom.gupta@jiit.ac.in			
Alternate Mail id	hariomgupt@gmail.com			
	3. Website Address			
Web link of the AQAR	http://www.jiit.ac.in/sites/default/files/AQAR201718.pdf			
(Previous Academic Year)				
If yes. Whether it is	Yes:			
uploaded on the				
Institutional web-site.				
Provide the web-link:				
	4. Whether Academic Calendar proposed			
Whether Academic	Yes			

Calend	Calendar proposed								
Provide the web-link			http://www.	jiit.ac.in/s	ites/defa	ult/files	/ACADEMICO	CALENDAR19	%60819.pdf
5. Accreditation Details									
Cycle	Grade	CGPA	Year of	of	Validity				
			Accredita	ation					
				F	Period		Pe	eriod To	
					From				
1	В	2.9	2015		lov.16,		Νον	Nov. 15, 2020	
					2015		-		
			6	. Estab	lishmen	t of IQ/	AC		
Date of	Establishm	ent				20 Aug	just 2014		
			7. Inte	ernal Qua	ality Ass	urance	System		
			- 110 - 1 - 101 - 01		1 2				
lt a sea a /T				-	auring tr	-	of Promotion		
	Fitles of the		Date & Du	Iration		INC	 of Participar 	nts/Beneficiar	les
quality initi	iative by IQ	AC							
8	Special	Status	conferred b	v Centra	I/State/U	GC/CS	SIR/DST/DBT/		/World
0	, opeena	Oluluo		-	CPE of				, nona
Institution	/Departme	nt/	Schen	ne	Fur	nding	Date of	Duration	Amount
Fa	aculty				Ag	ency	Award		
Pł	hysics	Q	UEST		IC	CPS	Dec. 2018	2019-22	222.16
		(C	Quantum Enl	nanceme	nt (D	ST)			Lacs
		of	Scien	се	&				(Partially
		Te	echnology)						delivered
									at JIIT
9.	Whether (Compos	sition of				Yes	I	1
	IQAC is	as per	latest						
	G	uideline	•						
Linicad lat	d latest notification of formation of <u>View File</u>								
	IQA						<u>View File</u>		
			ality Assurar		. ,				
The committee is responsible for ensuring the implementation of the Institute Quality Assurance Process (IQAP) and quality auditing of academic and administrative activities. The committee through its Convener reports regularly to the Vice-Chairman). Following is the Constitution of Committee as per									

SI. No.	Name	Department	Phone Nos.	E-Mail ID
1.	Prof Hari Om Gupta, Convener	Director	9582899128	hariom.gupta@jiit.ac.in
2.	Prof D K Rai	Dean (A&R)	9999052666	dk.rai@jiit.ac.in
3.	Prof R.C.Mittal	Maths	9319912030	rc.mittal@jiit.ac.in
4.	Prof Amrish Aggrawal	Maths	9958335676	amrish.aggrawal@jiit.ac.in
5.	Prof S.P. Purohit	PMSE	9873169098	sp.purohit@jiit.ac.in
б.	Prof R.K. Dwivedi	PMSE	9971286625	rk.dwivedi@jiit.ac.in
7.	Prof Krishna Sundari	Biotech	9910345794	krishna.sundari@jiit.ac.in
3.	Prof Vikas Saxena	CSE/IT	9818958936	vikas.saxena@jiit.ac.in
9.	Dr Vikram Karwal	ECE	9717652233	vikram.karwal@jiit.ac.in
10.	Dr Rajnish K Misra	JBS	9560206629	rajnish.misra@jiit.ac.in
11.	Dr Mukta Mani	HSS	9899112913	mukta.mani@jiit.ac.in
12.	Dr Monali Bhattacharya	HSS	8800989521	monali.bhattacharya@jiit.ac.in
13.	Dr Sujata Mohanty	Biotech	9013387679	sujata.mohanty@jiit.ac.in
14.	Dr Manish K. Thakur	CSE	9953280244	manish.thakur@jiit.ac.in
15.	Dr Pankaj Kumar Yadav		8700977638	pankaj.yadav@jiit.ac.in
16.	Dr Neetu Sardana	CSE	9811354407	neetu.sardana@jiit.ac.in
17.	Dr Ashish Goel	ECE	9811946987	ashish.goel@jiit.ac.in
18.	Dr Swati Rawal	PMSE	9968099472	swati.rawal@jiit.ac.in
19.	Dr Kanupriya Misra Bakhru	HSS	9971100454	kanupriya.misra@jiit.ac.in
20.	Registrar	JIIT	9818122700	raju.sangal@jiit.ac.in
21.	Dr Subhash Joshi	Social worker, C409, Rajhans Tower, Ahinsa khand, Indirapuram, Ghaziabad (UP)	9711061199	subhashjoshi2107@gmail.com
22.	Mr Rakesh Khurana	CEO Motherson Sumi, C-26, Sector- 62 Noida (U.P.)	9810292968	rakesh.khurana@mind- infotech.com
23.	Ms Tuhina Jain	Talent Partner, Adobe, Noida(Alumni)	9582804475	tuhinajain@gmail.com
10. 1	Number of IQAC meetin	· · · · · · · · · · · · · · · · · · ·	1	12

11. Whether the minutes of IQAC			yes		
meetings and compliances to					
be decisions have been					
uploaded on the Institutional					
	web-site				
	web-site				
Uploa	d the minutes of meetings and		View Fi	ile	
action	taken report (ATR)				
	Record of Me	etings of IQAC he	ld in 2018-19		
S.N o.	Meeting description		Date & Time	Duration	No. of Partici pants
1	A meeting with Non-teaching sa the issues pertaining to Working co Teaching Staff.		25.07.2018 - 4:00 PM	1 Hr	33
2	A meeting of IQAC sub-committ Audit Committee members departments for discussing outcom Academic Departments.	of Academic	6.9.2018 - 11:00 AM	2 Hrs	27
3	A meeting with Non Teaching H of NonTeaching Departments for re non-teaching Departments.		10.9.2019 - 11:45 AM	2 Hrs	19
4	A meeting of IQAC Convener & Sudents for interaction.	& Secretary with	10.10.2018 -4:00 PM	1 Hrs	53
5	A meeting with Faculty members of Sector 128 campus for discussion of faculty concerns in Open Forum.		28.11.2018 - 4:30 PM	1Hr	38
6	A meeting of Convener, IQAC & with Auditors of Administration Dep Administration & Admin Manager issues faced while auditing department.	artment & Head, r for discussing	22.01.2019 - 3:30 PM	1 Hr	7
7	A meeting of Convener IQAC, S Head, Maintenance with Au members of Maintenance & Departments for snchronisin Administration and Maintenance.	udit Committee Administrative	02.02.2019 - 12:00 Noon	1.5 Hrs	8
8			18.02.19 - 3:30 PM	2 Hrs	16
9 A Meeting of Convener IQAC, Secretary IQAC with the Members of Institute Administrative Committee for discussing Recommendations' Report of IQAC Committee, 2018 and Audit Committees' Reports, 2018 for all Academic and Non-Teaching Departments.			19.02.2019 - 2:30 PM	2 Hrs	18
10	A meeting of IQAC Sub-Commit discussion of IQAR Report	tee Members for	09.04.2019 - 4:00 PM	1.5 Hrs	9
11	Meeting of Convener IQAC & Sc Faculty Members at Sctor 128 fo course mapping with CO-PO		17.05.2019 - 1:20 PM	1 Hr	62
12	Meeting of IQAC Members with t Team	the Visiting UGC	22.05.2019 - 10:30 AM	1 Hr	22
Wheth	ner IQAC received funding from any		No		·

of the funding agency to support these

activities

10 8:0 + C -4 h

12. Significant Contribution made by IQAC during the current year
The Institute Quality Assurance Cell (IQAC) was established in July 2014. The first report AQAR (Annual Quality Assurance Report) 2015 was available in July 2015. It was sent to all Academic Heads of Departments of the Institute. The recommendations and possible action points were also discussed in IAMC (Institute Academic Management Committee) meeting. The same process was followed this year as well. In addition to this all the departments were asked to submit their report on work done as implementation process of various recommendations. The details sought and the progress reports sent by various departments are attached as Annexure 1A, 1B & 3-9.
Following is the action taken report on recommendations of AQAR-2018 Observations & Recommendations report. The outcome is evident in AQAR-2019 report.
The major recommendations of the year 2018 report and their improvising mechanisms are briefly discussed below:
1. Upgradation of software and hardware in laboratories.
In December 2018, JIIT has established two IOT labs with equipments costing more than 38 Lakhs and computers costing more than 50 Lakhs have been added in labs. Moreover in labs all 403 computers have been replaced by latest i7 computers. 18 Printers have been either added / replaced. New research labs like Machine Learning Lab and Research Project Lab have also been established for ECE Department.
2. Text books of major subjects to be further increased
Library has purchased 6979 text books, 1829 reference books, 259 e-books along with 1005 CDs and Videos in the academic year 2018-19 as per the requirements sent by all the departments.
3. Increase in student intake for M.Tech - ECE and MBA programmes
As per the IQAC-Academic Sub-committee review for this year, it has been found that number of M.Tech students admitted to ECE Department has remained same as last academic year, while the admission to MBA has slightly increased from last year, from 48 in 2017-18 to 69 in 2018-19. Further, BBA programme will be started from session 2019-20.
4. ratio of Ph.D. Scholars registered /Fac. available for supervision to be enhanced in CSE/IT and ECE departments
 Though the number of Ph.D. Scholars seeking admission and then being admitted has increased in all departments, but the ratio of Ph.D. Scholars registered/faculty available for supervision has declined in not only CSE/IT and ECE but also in PMSE and JBS. CSE & IT Department has admitted 24 scholars while 15 were given admission last year, ECE Department has admitted 23 scholars this year, while last year 12 were given admission, and Mathematics has admitted 11 students this year in comparison to 7 last year while PMSE has given admission to 8 students while last year the number was 1 scholar. The reason for declining ratio has been that the number of awarded Ph.Ds has increased this year, 35 having been awarded in 2018-19. Mostly Ph.D holders have been hired as faculty this year, and we give Ph. D supervision after one year of joining, normally to the new faculty. (For example as per the Department of CSE & IT review for this matter, "there is a jump in the number of the number
D babeler edmitted in lest one view for the view for this matter, there is a jump in the number of

Ph.D scholar admitted in last one year (we have given admission to 24 scholars from July 2018 to till date). However 12 existing scholar have completed PHD in this duration as well as all recently hired faculty members (12+) are having Ph.D. degree. Hence the ratio is still same, but there is an increase in the number of aspirants who are seeking admission to Ph.D program in CSE. (In July 2019 exam, 100 people applied, 48 were interviewed and 20 were offered admission). Right now we have total 97 registered Ph.D. Scholars" in CSE Department. Almost same is the situation in all the departments.)

5. Departments of CSE&IT, ECE, Mathematics and JBS to make a concentrated effort to get some projects for the Institute

Concentrated efforts have been made by almost all the departments in this regard. Every department has created research groups as per the thrust areas and they are all actively pursuing not only research projects but also exploring ways to get patents and copyrights. In this regards, two completely dedicated cells on IPR and Sponsored Research Projects are proposed and considered of being created by the Institute. CSE department has already submitted two major projects and are under review. As per Department of ECE "Six new research thrust areas have been developed.... Efforts have been taken for proposing research projects, at least one proposal from each group." Institute is making special efforts in the session 2019-20 for R & D Projects and filing of patents. New cells on IPR and Sponsored Research Projects are proposed to be created from the coming session to expedite the process of filing patents and getting projects.

Not much has happened in this regard yet, though efforts are being made. Interdisciplinary research for paper publication has been undertaken in the Departments of ECE, JBS, HSS and JBS.

6. Pre-placement training for students through inculcating reading habit and enhancing interpersonal and intrapersonal communication skills

As per Dean, Students' Welfare and Head T & P, "Seminars, Workshops, Campus Interactions, Aptitude Training, Case Study problem solving, Campus mentorship series, Campus Interview preparation on Soft Skills, Short term courses, etc are organised regularly in JIIT to enhance soft skills of the students. Companies like Deloitte. Amazon, Cognizant Technologies, ZS Associates, Infosys conduct such sessions. In fact every year, we conduct a training session for Quantitative Analysis, Logical reasoning, and Verbal reasoning in July-August. About 550 students from JIIT participate and this 18 hour session per student helps them crack the on line test of not only mass recruiters, but other Cos as well." Short term courses are also arranged to enhance soft skills of the students as reflected in very good placements of our students. But turnout at times remains very less. Hence T & P cell has suggested that these sessions should be part of our curriculum, and should be made mandatory for students. Only then, we may expect a good participation. With this in mind, the Institute has proposed for creating an independent cell from next session onwards, Capability Enhancement and Development Cell to cater to such kinds of needs throughout the year.

7. Invite more companies for placement of ECE and MBA students

As per the T & P Head "Over the past one year, the number of Cos which have been considering our ECE students have gone up. For the 2018 graduating batch, out of 130 Cos which visited campus, over 75 Cos considered ECE stream, amongst other streams. For the 2019 graduating batch out of 175 Cos which visited campus, over 110 Cos considered ECE stream, amongst other streams." As for MBA students' placement, 29 companies visited for recruiting 2019 graduating batch and 15 of them recruited our students, but 14 companies left without recruiting a single student. As T & P Head has rightly pointed out that "Hence, the number of Cos visiting for MBA placement are sufficient. We need to find a way to convert into offers. 14 Cos investing their time in JBS, and going without a single conversion/offer is alarming!"

BBA programme has been proposed to be started by JBS from the coming session onwards.

A workshop titled, *"JBS- The Way forward"* was conducted in the month of March and April 2019. The workshop was chaired by Hon. Sh. Manoj Gaur Ji – Exe-Chairman Jaypee Group. Prof. S.C. Saxena (VC), Sh. Alok Gaur, Sh. R.B. Singh and all faculty members of JBS and three members of HSS department were present. The objective of the workshop was to identify the potential areas where JBS can work for enhancing its brand visibility, along with improving its interaction with the industry both for placement and exploring opportunities for consulting and training in corporate. The first round

of interaction was held on March 16, 2019 and closing round on April 20, 2019.

The final outcome of this brain-storming workshop and subsequent meetings resulted in identification of 10 Prime Mover Activities to be done for 3 years, starting with April 2019. Each actionable point has been linked with Efforts and Milestones for a year along with a budgetary support for the same. Prime Mover actionable points are admissions, foreign collaborations, branding, placement, industry interaction, launching new programmes, alumni interaction, student rejuvenation, accredition and ranking and FDPs.

8. More FDP on Teaching Methodology

- Department of ECE has organized 3 FDPs and most of the rest have organized FDP except for the Departments of HSS and JBS. All the other departments have initiated the process to organize more FDPs and follow the suit of ECE Department. Department of HSS has proposed for conducting FDP on Teaching Pedagogy for all the faculty members of the Institute during the semester end exams in the session of 2019-20.
- In the Department of ECE, during development of new research labs like Machine Learning Lab and Research Project Lab, installation and usage guidance training sessions have been organized for faculties as well as for lab staff. The department of CSE & IT has initiated the process and will be conducting some training programmes and workshops for Lab Staff in the coming session. Department of HSS has proposed to conduct workshops on communication and soft skills training programmes for non teaching staff in the upcoming session of 2019-20.

9. Sports related competitive events to be increased

- As per recommendation of past academic year IQAC-SAP report, increase in conduct of sports related competitive events has been observed. Multiple sports events have been conducted at both the campus with 2046 number of students participationg in these activities. Fun Sports Meet has been conducted from November 14-26, 2018 apart from many competitions in Cricket, Volleyball, Basketball, Table-Tennis and Badminton.
 - 10. Strengthen further Student Entrepreneurship and incubation cell.
- Student Entrepreneurship and incubation cell that was created on campus, needs to be further strengthened to yield measurable outcome as per the recommendations of SAP committee. To foster entrepreneurship orientation in students further, Jaypee Innovation and Entrepreneurial Centre" (JIEC) has also been instituted. Students / alumni of JIIT have ventured into some start-up initiatives over the time with 15 initiatives in 'Entrepreneurship, incubation project, partnership activity, on-line freelance' having been recorded this year.
 - <u>11. Access to student data (past and present academic records, attendance) to the Mentors to facilitate more effective counselling.</u>
- Mentors can access student data related to academic records through their webkiosk but access to attendance records is currently being processed. It will be implemented in the new software.
 - 12. <u>Student's participation in competitive events held by external institutions / agencies to be encouraged.</u>
- Students have not only participated but also have won I and II prizes pan India in different competitive events like Hackathon, Technovation, Biotechnological Start Up ideas etc, organized by institutes like IITs, IIMs and DU colleges. Also there has been an increase in the number of students appearing for competitive exams this year. A total of **206** students have appeared in important nationwide competitive exams including GATE, CAT, UPSC & NET (CSIR), GRE, TOEFL,CDS, IELTS.
 - 13. <u>The recommendations of Audit Committees constituted for audit of Non-Teaching departments to be implemented</u>

Most of the recommendations given by Auditors for Non-teaching Departments have been implemented.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and outcome achieved by the End of the Academic Year.

Increase in the Number of Text Books in the library	The library has added 6891 books this year, as per the requirements send by all the departments, which comprise of Text Books as well as Reference Books for different subjects.
Better biotech labs and projects and a longer duration of internship for at least 6 months in Electronics	Two new labs named: Bioinformatics lab and Basic Biosciences labs have been established in last academic year. To further enhance the level of research in the upcoming new areas of biotechnology, total 4 extramural funded projects have been approved by different funding agencies in the last academic year. One of the projects is at the level of international collaboration too. Additionally, total 4 projects have also been applied for funding to different funding agencies.
	An Internship Committee with Prof. Hari Om Gupta and Prof. Sanjay Goel has been formed to look into the matter of longer duration internship for students in Electronics.
Keep the curriculum aligned with	As per the Action Taken Report of the Department of ECE,
GATE subjects & including of courses which are more	There has been an "Increase in the number of elective subjects, laboratories offered to students of various
Industry oriented	departments and research laboratories with advance
	equipments and experiments have been added."
Departments of PMSE and HSS suggested to organize more Invited Lectures	HSS has organized 11 Invited Talks this year and PMSE has organized 5 Invited Talks
Departments are suggested to interact/collaborate with Industry for consultancy and joint R & D projects	Improvement in Industrial Interaction has been witnessed with the Dept of ECE having collaborated with Ericson and Cadence this year.
	International Collaborations are being undertaken in Research work, by almost all the departments. Biotechnology department has initiated the process as stated in point 12 above and one of the projects is of the level of international collaboration.
Institute may participate more in Social Activities such as "Swachh Bharat Abhiyan" and arrange more social activities such as "Adopt a School" as done this year.	Swachh Bharat Summer Internship programme 2018-19 has been launched by Ministry of Human Resource Development in association with the Ministry of Drinking Water and Sanitation to meet the objectives of the movement 'Swachh Bharat Mission' which was launched on October 2nd, 2014.
	Jaypee Institute of Information Technology (Deemed to be University under section 3 of UGC Act 1956), Noida, Gautam Budh Nagar, Uttar Pradesh is also a part of this movement.
	Twelve students/teams have participated in Swachh Bharat Summer Internship Programme and have been involved in the programme for at least 100 hours. The students/teams of JIIT Noida are involved in following activities:
	Information-Education-Communication activities: awareness Campaigns i.e., door-to-door meetings

Proper streamlining of data collection with regard to student participation in competitive exams might be ensured by departments Registry to collect Feedback of students going abroad.	 regarding sanitation/ hygiene/toilet usage/ hand wash, wall paintings, village or school-level rallies. Solid Waste Management related activities i.e., waste collection drives (households/ common or shared places), street cleaning- drain cleaning- cleaning of back alleys. Support in Toilet Construction. Help Panchayat to draw up plans for installation of biogas plants wherever possible/required. More social activities shall be undertaken under the aegis of NSS at JIIT, Noida. Regional Directorate of NSS (UP & UK) Lucknow has sanctioned 03 Units of NSS (100 students each) to JIIT, Noida, in self financing mode. First unit of NSS has been established at Sector 128, with Prof. Alka Sharma, Dean, HSS being the Programme Coordinator. Dept of ECE has stated in its Action Taken Report this year that 'Names with details of students cleared competitive exams and pursued higher education were collected. However improvement in collection of this data is required.' The other departments are suggested to follow the same. A form for the same in a prescribed format has been shared with Registry and the process has been initiated.
Student Entrepreneurship associated activities may be enhanced.	To foster entrepreneurship orientation in students, Jaypee Innovation and Entrepreneurial Centre" (JIEC) has been instituted. JIIT strongly believes in encouraging the creative and entrepreneurial skills in the students. Students / alumni of JIIT have ventured into some start- up initiatives over the time. IQAC Students' Activity & Placement Sub-committee has given a comprehensive list of some such initiatives taken up by the students but has also recommended this year that Student Entrepreneurship and incubation cell on campus, needs to be further strengthened to yield measurable outcome.
Assigned mentors or advisors may be given access to student data (past and present academic records, attendance) to facilitate more effective counselling.	As per the IQAC Students' Activity & Placement Subcommittee Report of this year, action is pending in this regard.
Notifications regarding off- campus placements and job opportunities advertised in PSUs may be disseminated to the students through LRC displaying relevant employment advertisements on the Notice Board.	Notification for job opportunities and off-campus placement advertised in PSUs are displayed at the LRC from time to time.
14. Whether AQAR was placed before Statuary Body	Yes
Name of the Statuary Body	Vice Chancellor and IAC

Date of meeting	29.12.2019
15. Whether NAAC or any other Accreditation	Yes
Body(s) visited IQAC or	
Interacted with it to assess the functioning	
16. Whether Institute data	Yes
submitted to the AISHE	Date of submission: 27/02/2019
17. Does the Institution has Management Information	Yes
System	
if tes, Give a priet description	and a list of modules currently operational.

for admissions in UG/PG/Ph.D. programs and admission process for UG/PG/Ph.D. programs, fee management, enrolment allocation and registration of students. All academic functions are performed through web kiosk related to the students like attendance, time table schedule, exam and seating schedule, invigilation duties, results preparation, data of degree recipients etc. ERP also collects the feedbacks of various stakeholders like students, faculty feedbacks for various courses in odd and even semesters in all disciplines to analyse teaching and learning process. All the account operations starting from transaction entry to preparation of balance sheets including externally funded projects are maintained through ERP software.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 - Curriculum Design and development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programs Code	Date of Revision
Mtech	MT-ACM	
Mtech	MT-MSE	
Mtech	MT-BIOTECH	Aug.03, 2019
	Syllabus revision: M. Tech. (Biotechnology) Semester II course Nutraceuticals (17M12BT127)	
MBA	MBA (Major Revision May 09, 2018 and subsequent revision in June 17, 2019)	Jun. 17, 2019
BTech	BT-CSE	
BTech	BT-IT	
BTech	BT-ECE	
BTech	BT-BIOTECH	Aug.03, 2019
	Syllabus revision	
	Stress: Biology, Behaviour and Management	

	(17B1NBT733), Advanced Cell Biology (16B1NBT734), Biocomputing and Applications (17B1NBT739), Food Biotechnology (17B1NBT731)	
Mtech	MT-CSE	
Mtech	MT-CSE-IT	
Mtech	MT-CSE-MT	
Mtech	MT-CSE-DA	
Mtech	MT-CSE-IT&E	
Mtech	MT-ECE-MET	
Mtech	MT-ECE-CS	
MSc	MSc-MA	Program Approved, Jun. 17, 2019
MSc	MSc-PH	Program Approved, Jun. 17, 2019
MSc	MSc-MB	Program Approved, Jun. 17, 2019

1.1.2- Programmes/Course focussed on employability/entrepreneurship/skill development during the Academic year

Academic year			
Programme with Code	Date of Introduction	Course with Code	Date of Introduction
BT-CSE/ BT-IT/ BT-	2001	R Programming	Jan.02, 2019
ECE/ BT-BIOTECH		Workshop 18B16CS312	
BT-CSE/ BT-IT/ BT-	2001	Data Analytics	Jan.02, 2019
ECE/ BT-BIOTECH		Workshop 19B16CS312	
BT-CSE/ BT-IT/ BT-	2001	Block chain & Cyber	Jan.02, 2019
ECE/ BT-BIOTECH		Security 19B13CS311	
BT-CSE/ BT-IT/ BT-	2001	Neural Network	Jan.02, 2019
ECE/ BT-BIOTECH		Workshop	
		19B13CS311	
BT-CSE/ BT-IT/ BT-	2001	IOT Workshop	Jan.02, 2019
ECE/ BT-BIOTECH		18B16CS311	,
BT-CSE/ BT-IT/ BT-	2001	Spatial Data Mining	Jan.02, 2019
ECE/ BT-BIOTECH		19B16CS313	
CSE/ECE/IT	2001	Logical Reasoning and	17 July 2018
		Inequalities	
		(18B12MA312)	
CSE/ECE/IT	2001	Decision Making using	17 July 2018
		Mathematical and	
		Statistical Approaches	
		(18B12MA311)	
CSE/ECE/IT	2001	Ecological Mathematical	17 July 2018
		Modelling	
		(18B12MA411)	
BT-ECE	2001	18B12EC311	Jan.02, 2019
		Advanced Radio Access	
		Networks	
HSS	2001	Strategic Human	17 July, 2018
1100	2001	Resource Management	17 001, 2010
		Robotioo managoment	
	2007	Effective tools for	Jan.02, 2019
	2007	Career Management	Jan.02, 2015
		Caroor managomont	

JBS		and Development (18B13HS612) (VAC)	
MBA	2007	Entrepreneurship and Innovation (17M11BGM17)	Sep. 25, 2018
		Effective Self Management (17M11BES11)	Jul. 01, 2018
		Employability Skills (17M11BES14)	Sep. 25, 2018
		Analytical and Technical Skills (17M11BES13)	Jul. 01, 2018

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

1.2.1 New programmes/courses introduced during th	
Programm/Course	Dates of Introduction
Cloud Computing and IOT 18B12CS439	Jul. 16, 2018
Ethical Hacking 18B12CS434	Jul. 16, 2018
Open Data Centric Services 18B12CS435	Jul. 16, 2018
Software Construction 18B12CS436	Jul. 16, 2018
Large Scale Database Systems 18B12CS437	Jul. 16, 2018
Web Algorithms 18M12CS121	Jul. 18, 2018
E-Commerce and Social Web 18M12CS119	Jul. 18, 2018
Mobile and Pervasive Computing 18M12CS120	Jul. 18, 2018
Blockchain Technology and Applications	Jul. 18, 2018
18M12CS117	
IoT Architecture and Protocols(18B12CS440)	Jul. 16, 2018
Software Development and	Jul. 16, 2018
Management(18B12CS314)	
Bitcoin and Cryptocurrency Technologies	Jan. 02, 2019
19B12CS413	
Geoinformatics 19B12CS411	Jan. 02, 2019
IOT and IOT security 19B12CS311	Jan. 02, 2019
Blockchain technology 19B12CS312	Jan. 02, 2019
Automata Theory and Computations 19B12CS211	Jan. 04, 2019
Nature Inspired Computing and Applications	Jan. 04, 2019
19M12CS211	
Multimedia Design and Analysis	Jan. 04, 2019
19M12CS214	
PRINCIPLES OF SOFTWARE DESIGN AND	Jan. 02, 2019
DEVELOPMENT (19B12CS417)	
Computers and Security(18B11CS212)	Jan. 04, 2019
English For Research Paper Writing	Jan. 03, 2019
(19M13HS111)	Jan. 03, 2013
Morality & Everyday Decision Making	Jan. 03, 2019
(19B13HS611)	

Social Media and Society(19B12HS612)	Jan. 03, 2019
International Trade and Finance (19B12HS613)	Jan. 03, 2019
Digital Transformation in Financial Services	Jan. 03, 2019
(19B12HS814)	
International Finance (19B12HS812)	Jan. 03, 2019
Effective Self management	Jan. 03, 2019
Market Research and Consumer Behavior	Jan. 03, 2019
(19B12HS411)	
Industrial Economics (19B12HS412)	Jan. 02, 2019
Econometric Analysis (19B12HS611)	Jan. 03, 2019
Machine Learning for Signal Processing	Jan.03, 2019
(18B13EC314)	
19B12EC414 Natural Language Processing With	Jan.03, 2019
Deep Learning	Sumoo, 2010
19B12EC413 Convergence and Next Generation	Jan.03, 2019
Networks	
Organizational Structure and Design	Jan. 07, 2019
(18M11BHR02)	
Business Statistics and Analytics for Decision	Jul. 01, 2018
making (18M11BGM11)	ouii o 1, 2010

1.2.2-Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS		Course System	tation of CBCS/Elective
The Choice Based C all UG/PG progra		being followed in the Ins	
Name of the Programme	Programme Code	Programme Specialization	Date of Implimentation of CBCS/Elective Course System
B.Tech.	BT-CSE	Computer Science and Engineering	2001
B.Tech.	BT-IT	Information Technology	2001
B.Tech.	BT-ECE	Electronics and Communication Engineering	2001
B.Tech.	BT-BIOTECH	Biotechnology	2002
M.Tech.	MT-ECE-MET	Microelectronic and Technology	2003
M.Tech.	MT-CSE	Computer Science and Engineering	2005
M.Tech.	MT-MSE	Materials Science and Engineering	2006
Integrated M.Tech.	IMT-BIOTECH	Biotechnology	2006

M.Tech.	MT-ECE-CS	Computer Science	2007
MBA	MBA	No Specialization	2007
M.Tech.	MT-ACM	Applied and Computational Mathematics	2008
Integrated M.Tech.	IMT-CSE	Computer Science and Engineering	2008
Integrated M.Tech.	IMT-ECE	Electronics and Comminication Engineering	2012
M.Tech.	MT-CSE-IT&E	Information Technology and Entrepreneurship	2014
M.Tech.	MT-BIOTECH	Biotechnology	2014
M.Tech.	MT-CSE-MT	Mobile Technology	2015
M.Tech.	MT-CSE-DA	Data Analytics	2015
BBA	BBA	No Specialization	2019

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year.

Value Added Course	Date of Introduction	Number of Students Enrolled
Morality & Everyday Decision Making (19B13HS611)	Jan.03, 2019	97
Renewable Energy (16B19EC691)	Jan. 03, ,2019	110
Machine Learning for Signal Processing (18B13EC314)	Jan. 03, 2019	57
LED: Basics and Applications (16B19PH692)	Jan. 03. 2019	56
Social and Professional Skills (17M11BES12)	Jan. 07, 2019	68
Indian Ethos and Business Ethics (18M11BGM16)	Jan. 07, 2019	68

1.3.2-Field Projects/Internships under taken during the year

Project/Programme Title	Programme Specialization	No. Of students enrolled for Field Projects/Internships
BTech		917
MTech + Dual		40
MBA		116 (68 - Corporate Internship + 48 - Social
		Internship)
MSc		Proposed to run from 2019-20

1.4 – Feedback System

1.4.1-Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the Institute? (Maximum 500 words)

The Feedback obtained

- The feedbacks of all the stakeholders, students, teacher, employer, alumni and parents are received in the every academic year. The student feedbacks are collected manually in the prescribed format QA-AC1 and QA-AC2 for theory and laboratory courses respectively and analyzed through Education and Research Planning (ERP) system. The feedbacks from trusty, corporate members, parents and alumni are taken manually in the prescribed format and analyzed by the IQAC team. The feedback from faculty in the format QA-AC3 (about the course taught by concerned faculty in the odd and even semester respectively) has been taken for all the courses online at the end of odd and even semester in each academic year which is the part of our MIS.
- On the basis of the feedbacks received in the academic year 2017-18, the following actions have been taken for the overall growth of the institute.. In December 2018, JIIT has established two IOT labs with equipments costing more than 38 Lakhs and computers costing more than 50 Lakhs have been added in labs. Moreover in labs all 403 computers have been replaced by latest i7 computers. 18 Printers have been either added / replaced. New research labs like Machine Learning Lab and Research Project Lab have also been established for ECE Department. Library has purchased 6979 text books, 1829 reference books, 259 e-books along with 1005 CDs and Videos in the academic year 2018-19 as per the requirements sent by all the departments. As per the IQAC-Academic Sub-committee review for this year, it has been found that number of M.Tech students admitted to ECE Department has remained same as last academic year, while the admission to MBA has slightly increased from last year, from 48 in 2017-18 to 69 in 2018-19. Further, BBA programme will be started from session 2019-20.
- Though the number of Ph.D. Scholars seeking admission and then being admitted has increased in all departments, but the ratio of Ph.D. Scholars registered/faculty available for supervision has declined in not only CSE/IT and ECE but also in PMSE and JBS. CSE & IT Department has admitted 24 scholars while 15 were given admission last year, ECE Department has admitted 23 scholars this year, while last year 12 were given admission, and Mathematics has admitted 11 students this year in comparison to 7 last year while PMSE has given admission to 8 students while last year the number was 1 scholar. The reason for declining ratio has been that the number of awarded Ph.Ds has increased this year, 35 having been awarded in 2018-19. Mostly Ph.D holders have been hired as faculty this year, and we give Ph. D supervision after one year of joining, normally to the new faculty.
- Every department has created research groups as per the thrust areas and they are all actively pursuing not only research projects but also exploring ways to get patents and copyrights. In this regards, two completely dedicated cells on IPR and Sponsored Research Projects are proposed and considered of being created by the Institute. CSE department has already submitted two major projects and are under review. As per Department of ECE "Six new research thrust areas have been developed. Efforts have been taken for proposing research projects, at least one proposal from each group. Institute is making special efforts in the session 2019-20 for R & D Projects and filing of patents. Interdisciplinary research for paper publication has been undertaken in the Departments of ECE, JBS, HSS and JBS. New cells on IPR and Sponsored Research Projects are proposed to be created from the coming session to expedite the process of filing patents and getting projects.
- Seminars, Workshops, Campus Interactions, Aptitude Training, Case Study problem solving, Campus mentorship series, Campus Interview preparation on Soft Skills, Short term courses, etc are organised regularly in JIIT to enhance soft skills of the students. Companies like Deloitte. Amazon, Cognizant Technologies, ZS Associates, Infosys conduct such sessions. In fact every year, we conduct a training session for Quantitative Analysis, Logical reasoning, and Verbal reasoning in July-August. About 550 students from JIIT participate and this 18 hour session per student helps

them crack the on line test of not only mass recruiters, but other Cos as well." Short term courses are also arranged to enhance soft skills of the students as reflected in very good placements of our students. But turnout at times remains very less. Hence T & P cell has suggested that these sessions should be part of our curriculum, and should be made mandatory for students. Only then, we may expect a good participation. With this in mind, the Institute has proposed for creating an independent cell from next session onwards, Capability Enhancement and Development Cell to cater to such kinds of needs throughout the year.

- A workshop titled, "JBS- The Way forward" was conducted in the month of March and April 2019. The workshop was chaired by Hon. Sh. Manoj Gaur Ji Exe-Chairman Jaypee Group. Prof. S.C. Saxena (VC), Sh. Alok Gaur, Sh. R.B. Singh and all faculty members of JBS and three members of HSS department were present. The objective of the workshop was to identify the potential areas where JBS can work for enhancing its brand visibility, along with improving its interaction with the industry both for placement and exploring opportunities for consulting and training in corporate. The first round of interaction was held on March 16, 2019 and closing round on April 20, 2019. The final outcome of this brain-storming workshop and subsequent meetings resulted in identification of 10 Prime Mover Activities to be done for 3 years, starting with April 2019. Each actionable point has been linked with Efforts and Milestones for a year along with a budgetary support for the same. Prime Mover actionable points are admissions, foreign collaborations, branding, placement, industry interaction, launching new programmes, alumni interaction, student rejuvenation, accreditation and ranking and FDPs.
- Department of ECE has organized 3 FDPs and most of the rest have organized FDP except for the Departments of HSS and JBS. All the other departments have initiated the process to organize more FDPs and follow the suit of ECE Department. Department of HSS has proposed for conducting FDP on Teaching Pedagogy for all the faculty members of the Institute during the semester end exams in the session of 2019-20.

In the Department of ECE, during development of new research labs like Machine Learning Lab and Research Project Lab, installation and usage guidance training sessions have been organized for faculties as well as for lab staff. The department of CSE & IT has initiated the process and will be conducting some training programmes and workshops for Lab Staff in the coming session. Department of HSS has proposed to conduct workshops on communication and soft skills training programmes for non teaching staff in the upcoming session of 2019-20.

CRITERION - II : TEACHING- LEARNING AND EVALUATION

- 2.1 Students Enrolment and Profile:
- 2.1.1: Demand Ratio during the year

Name of the Programme	No. of seats available	No. of Applications received	No. of students enrolled
B.Tech. (CSE/IT+ECE+BIO)	1140	5169	969
Integrated M.Tech. (Dual)	90	5169	57
M.Tech.	270	95	36
MBA	180	260	69
PhD	117	299	97
Total			1228

Year	Number of students enrolled in the institution (UG+Dual)	Number of students enrolled in the institution (PG i.e. MT+MBA)	Number of fulltime teachers available in the institution	Number of fulltime teachers available in the	Number of teachers teaching both UG
	(001200)		teaching only UG courses	institution teaching only PG courses	and PG courses
2018-19	4587(BT)	202	267	13	112

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e- Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E- resources and techniques used
288	288	73	66	66	100%

2.3.2 - Students mentoring system available in the institution? Give details. (maximum 500 words): Yes

The Institute has led down a very well mentoring process. In this process, for the first year students, the two faculty members (one senior and other one a junior) are deputed as mentor and for each subsequent year up to 3rd year, a faculty member is deputed as a mentor for a batch of about 30 students.

In the beginning of a semester, the detailed list of mentors is uploaded on the Institute website for the information of students and their parents. A mentor can access student records through web kiosk like attendance and marks obtained in the midterm or end term exam and other details of the students through the web kiosk of JIIT. Faculty holds at least two scheduled meetings with the students in a semester to watch academic progress and counsel to the students who underperform in the attendance or in their exams. However, students are free to contact the mentor/s any time with the prior permission for any academic or personal problems.

Number of students enrolled in	Number of fulltime teachers	Mentor : Mentee Ratio
the institution (UG + Dual + PG		
+ PhD)		

5039*	288	1:15

*Sep.30, 2018

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the academic year

No. of sanctioned positions	No. of filled positions (Including VC & Director)	Vacant positions	Positions filled during the current year (2018-19)	No. of faculty with PhD
312	290	22	32	207

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Adwitiya Sinha	Assistant Professor(SG)	IEEE Senior Membership Awarded by IEEE, NY, USA, Membership Number: 93529195
2019	Dr. Anuja Arora	Associate Professor	IEEE Senior Membership Awarded by IEEE, NY, USA, Membership Number: 90804799
	Dr. Anuja Arora	Associate Professor	Outstanding Contribution in Reviewing Award June 2018 for International Journal of Information Management, Elsevier
	Dr. Anuja Arora	Associate Professor	Outstanding Contribution in Reviewing Award October 2018 for Computers in Human Behavior, Elsevier

Dr. Anuja Arora	Associate Professor	Outstanding Contribution in Reviewing Award June 2018 for Journal of retailing and Consumer Services, Elsevier
Dr. Shikha Mehta	Associate Professor	Second best paper award for paper titled " Multilingual Short Text Identification- a machine Learning Approach, International Conference on Translation Across Cultures: Dissolving Boundaries- Creating Harmony, organized by department of Humanities and Social Sciences, held from Oct 4-6, 2018,JIIT, Noida
Parul Arora	ASSISTANT PROFESSOR (SENIOR GRADE)	rade-A and Cash prize for Task based training TBT participation and completeion all the tasks assigned by IIT Bombay under E-yantra Program
Abhay Kumar	ASSISTANT PROFESSOR (GRADE-II)	rade-A and Cash prize for Task based training TBT participation and completeion all the tasks assigned by IIT Bombay under E-yantra Program
Badri Bajaj	ASSISTANT PROFESSOR (SENIOR GRADE)	pointed as President of ICF, Delhi Chapter for his outstanding contribution
Monali Bhattacharya	Associate Professor	ninated and shortlisted for "Young Professional Career Development

		Award" during the 16 th International Conference on "Innovative Research in Science, Technology, and Management towards Inclusive and Sustainable Development of the Society" organized at Roorkee Institute of Technology, Roorkee on 27 th & 28 th April 2019
of. Anirban Pathak	Professor	Fellow of IETE
. Himanshu Pandey	Assistant professor (senior grade)	oung Faculty Award 2019 by Center for Education Growth and Research, New Delhi

2.5 – Evaluation Process and Reforms

2.5.1 - Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

results during the	yeai			
Programme Name	Programme Code	Semester/ year	Last date of the last semester-	Date of declaration of
			end/ year-end	results of
			examination	semester-end/
				year- end
				examination
B.Tech.		2018 Odd Sem	2018 Odd Sem:	2018 Odd Sem:
		_	10 December	20 December
		&	2018	2018
		2019 Even	2019 Even Sem :	2019 Even Sem:
		Sem	22 May 2019	03 June 2019
M.Tech.		2018 Odd Sem	2018 Odd Sem:	2018 Odd Sem:
		&	10 Dec., 2018	20 Dec., 2018
			2019 Even Sem :	2019 Even Sem
		2019 Even	22 May 2019	: 03 June
		Sem		2019
MBA		2018 TR 2	<u>2018 TR 2</u> : 22	<u>2018 TR 2</u> : 10
		&	Sep 2018	Oct 2018
		C	2018 TR 3 : 29	2018 TR 3 : 17
		2018 TR 3	Dec 2018	Jan 2019
		&	<u>2019 TR1</u> : 23	<u>2019 TR1</u> :09

	2019 TR1	Feb 2019	Mar 2019
PhD	2018 Odd Sem &	2018 Odd Sem : 10 December 2018	2018 Odd Sem : 20 December 2018
	2019 Even Sem	2019 Even Sem : 22 May 2019	2019 Even Sem : 03 June 2019

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0 %	4732	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the web link)

Jiit Website link: <u>http://www.jiit.ac.in/ece-peo-pos-psos;</u> <u>http://www.jiit.ac.in/cse-peo-pos-psos;</u> <u>http://www.jiit.ac.in/bio-peo-pos-psos;</u>

Please provide the correct web path.e.g: http://www.test.com or htttps://www.test.com

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
BT- CSE	B.Tech.	582	555	95.36
	B.Tech.	63	62	98.42
E	B.Tech.	408	386	94.38
	B.Tech.	74	69	93.24
MT-CSE	M.Tech.	16	15	93.75
MT-Bio	M.Tech.	15	15	100
MT-ECE	M.Tech.	8	8	100
MT-MET	M.Tech.	3	3	100
Тс	otal	1169	1113	95.21

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as web link)

http://www.jiit.ac.in/sites/default/files/SEFR_1819.pdf http://www.jiit.ac.in/sites/default/files/StudentsFeedback.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Туре	Name of the	Name of the	Date of award	Awarding
(Dropdown)	teacher awarded the fellowship	award		agency
1. National	Dr. Navendu Goswami	Visiting Fellowshi	11.10.2018	JNCSAR, Bangalore
2. International	NIL	NIL	NIL	NIL

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowshi	Funding Agency	NumbersNo. Of Fellowshi
JRF/SRF via project (/SRF (ICMR Fellowship)	p 5 years	Government (ICMR/UGC/CSIR)	ρ 15 (JRF- 13/SRF- 2)
CSIR/UGC-NET /ICMR / RGNF-ST [Direct (JRF/SRF)]	3/5 years	Government Direct Fellowship	13 (JRF- 3/SRF- 10)
RA-ship (Via Project)	3/5 years	CSIR/ICMR	04
DST Insp. Fellow	5 years	Government (DST)	04
Project fellow	3 years	Government (DST/DBT/ICMR/DRDO/Ayush/IC SSR)	03
Institutional	3 years	JIIT Noida	89
		Total	128

3.2 – Resource Mobilization for Research

3.2.1 - Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project (Dropdown)	Durati o n (Year s)	Name of the funding agency	Total grant sanctione d (Rupees in Lakhs)	Amount received during the year (July 18 to June 19) (Rupees in Lakhs)
Dr. Mukesh Saraswat	3	DST (SERB)	26.31	3.50
Dr. Indira P. Sarathy	3	DBT	22.21	4.24
Atinderpal Kaur	3	DBT	26.10	7.98
Dr. S.Krishna Sundari	3	DBT	62.10	12.75
Dr. Pammi Gauba	3	Ayush	41.06	Nil
Dr. Navneet Kumar Sharma	3	DRDO	27.71	4.17
Dr. Mukta Mani	2	ICSSR	5.50	2.47
Dr. Vibha Rani	3	DBT	36.94	Nil
Dr. Himanshu Pandey	3	DST (SERB)	47.30	39.09
Dr. Anirban Pathak	3	DST (ICPS)	222.06	44.50
Total	· · ·		517.29	118.70

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Faculty Development Program on Genomics & Human Health	Department of Biotechnology	July 02– 07, 2018
Seminar on "BIG opportunities for Biopreneurs"	Department of Biotechnology	19-07-2018
Workshop on "Hands-on to Computational Biology for Genomic and Meta genomic Analysis"	Department of Biotechnology	13-11-2018
Seminar on "Advanced Spectroscopy solutions from Cole-Parmer"	Department of Biotechnology	15-11-2018
Seminar on "Importance of the intestinal microflora and Role of probiotics in maintaining good health"	Department of Biotechnology	27/11/18
Seminar on "Creating and Searching Values in Potential Bioresources using Nano-bio- information Technology for Applications in Agri-Food- Nutrition Sector	Department of Biotechnology	19-4-19
Big Data Systems, Tools and Applications	Department of Computer Science Engineering & Information Technology	17-19 Dec 2018
IoT: Systems, Tools and Applications	Department of Computer Science Engineering & Information Technology	15-16 March, 2019

One day Workshop Scilab Sustainable Computing in Science, Technology & Management (SUSCOM)-2019 National Workshop on Computational Intelligence	Department of Computer Science Engineering & Information Technology Department of Computer Science Engineering & Information Technology Department of Computer Science Engineering & Information Technology	4th May 2019 26-28 Feb 2019 26-27 April, 2019
Design and Simulation of Microwave Devices and Circuits	Department of Electronics and Communication Engineering	07 th -08 th Spt. 2018
AI and IoT: Lead the Age of Sensor Technology	Department of Electronics and Communication Engineering	17th-18th December, 2018
Recent Trends in Nanotechnology: Devices and Materials Perspective	Department of Electronics and Communication Engineering	15 th to 16 th February, 2019
Workshop on Methods, Techniques and Analysis of Qualitative Research	Department of Humanities and Social Sciences	6 - 8 September 2018
Prof. Che-Jen Su from Fu Jen Catholic University, New Taipei City, Taiwan	Department of Humanities and Social Sciences	23 January 2019
How to do well in Group Discussions	Department of Humanities and Social Sciences	15 April 2019
How to do well in Personal Interview	Department of Humanities and Social Sciences	29 April 2019
Contemporary Physics: Light Phenomenon and Applications,	Department of Physics and Materials Science and Engineering	11 th - 12 th December, 2018
Workshop on Emerging Computational Methods for Science and Engineering Applications,	Department of Mathematics	March 15-16, 2019.
Workshop on Current Aspects of Research Evaluation and Plagiarism,	Department of Mathematics	November 30-December 1, 2018.

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Smart India Hackathon (SIH) 2019 (First position)	Ankit Khandelwal, Uphaar Dubey, Arvind Pj, Prateek Kumar, Yashika Aggarwal & Aakarsha	Ministry of HRD, AICTE, Persistent Systems, i4c and Rambhau Mhalgi Prabodhini	March 02-03, 2019	National
Smart India Hackathon (SIH) 2019 (First position)	Ashish Bhawnani, Rahul Chauhan, Brijesh Saraswat, Akash Kumar Rana, Nipun Binjola & Shubhangi Misra	Ministry of HRD, AICTE, Persistent Systems, i4c and Rambhau Mhalgi Prabodhini	March 02-03, 2019	National
Smart India Hackathon (SIH) 2019 (First position)	Neel Ratan Mani Kukreti, Yugandhar Tripathi, Sanjana Jain, Utkarsh Kashyap, Tanvi	Ministry of HRD, AICTE, Persistent Systems, i4c and Rambhau Mhalgi Prabodhini	March 02-03, 2019	National

	Thakur & Anurag			
	Gupta			
Smart India Hackathon (SIH) 2019 (First position)	Udbhav Gambhir, Karishma Agarwal, Shubham Shukla, Divyam Raj, Shubham Kumar & Shivam Bang	Ministry of HRD, AICTE, Persistent Systems, i4c and Rambhau Mhalgi Prabodhini	March 02-03, 2019	National
Smart India Hackathon (SIH) 2019 (Runner-up)	Harshit Agarwal, Rajat Jain, Nayan Garg, Sanchi Prakash, Vibhu Agarwal & Kartik Tyagi	Ministry of HRD, AICTE, Persistent Systems, i4c and Rambhau Mhalgi Prabodhini	March 02-03, 2019	National
Fellow of IETE	Prof. Anirban Pathak	IETE	2019	National
Young Faculty Award	Dr. Himanshu Pandey	Center for Education Growth and Research, New Delhi	2019	National
Felicitated for contribution in PGPR research and as Co- Convenor from Asian PGPR Society at "5th National Asian PGPR Conference for Sustainable and Organic Agriculture Eco- friendly Bio- Innovations for Integrated Crop Management & Soil Health during 23-25 February 2019.	Krishna Sundari	Department of Botany and Microbiology, Acharya Nagarjuna University, Guntur, Andhra Pradesh & India Chapter of Asian PGPR Society,	25 th Feb, 2019	National
Development PLGA nanoparticles loaded with donepezil and memantine for brain drug delivery through nasal route in Alzheimer's disease.	Atinderpal Kaur	BioCARe -DBT	27 th Dec, 2016; Project started 28 th Aug, 2017 (2017- 2020)	National
DST – WoSA fellowship	Ms Sunita Gupta	DST, Govt of India	26 th June, 2015 (2015-19)	National
First Position for poster Presentation in International Conference on Advances in Biosciences and Biotechnology (ICABB 2019) conference during 31 st Jan-2 nd Feb	Priyanka Mathur,	JIIT, Noida	2 nd Feb 2019	International

2019				
2nd prize in	Aditi Ganguly	IIT Roorkee	17 th March, 2019	National
Cognizance, 2019:			,	
Annual technical				
fest of IIT Roorkee				
2 prize for	Shubham Semwal	Ram Lal Anand	1 st Feb 2019	National
poster		College in		
presentation in		association with		
National Seminar		Probiotic		
on "Probiotics:		Association of		
Ameliorating the		India.		
burden of lifestyle				
disorders" held at				
Ram Lal Anand				
College in				
association with				
Probiotic				
Association of				
India.				latence Court
First Position for	Vikrant Sharma	JIIT, Noida	2 nd Feb 2019	International
Oral Presentation in International				
Conference on Advances in				
Biosciences and				
Biotechnology				
(ICABB 2019)				
conference during				
31 st Jan-2 nd Feb				
2019				
Second Position	Archana Kumari	JIIT, Noida	2 nd Feb 2019	International
for Poster				
Presentation in				
International				
Conference on				
Advances in				
Biosciences and				
Biotechnology (ICABB 2019)				
during 31 st Jan-2 nd				
Feb 2019				
Second Position	Kopal Singhal	JIIT, Noida	2 nd Feb 2019	International
for Oral	1 - 5	,		
Presentation in				
International				
Conference on				
Advances in				
Biosciences and				
Biotechnology				
(ICABB 2019)				
during 31 st Jan-2 nd				
Feb 2019 Second Position	Raveesh Malik	JIIT, Noida	2 nd Feb 2019	International
for Position	Raveesi Wallk		2 FED 2019	memational
Presentation in				
International				
Conference on				
Advances in				
Biosciences and				
Biotechnology				
(ICABB 2019)				
conference during				
31 st Jan-2 nd Feb				

2019				
Second Position for Poster Presentation in International Conference on Advances in Biosciences and Biotechnology (ICABB 2019) conference during 31 st Jan-2 nd Feb	Ritik Vaishy	JIIT, Noida	2 nd Feb 2019	International
2019 Second Position for Poster Presentation in International Conference on Advances in Biosciences and Biotechnology (ICABB 2019) conference during 31 st Jan-2 nd Feb 2019	Divyanshi Jain	JIIT, Noida	2 nd Feb 2019	International
Second Position for Poster Presentation in International Conference on Advances in Biosciences and Biotechnology (ICABB 2019) conference during 31 st Jan-2 nd Feb 2019	Savita Yadav	JIIT, Noida	2 nd Feb 2019	International
Third Position for Poster Presentation in International Conference on Advances in Biosciences and Biotechnology (ICABB 2019) conference. during 31 st Jan-2 nd Feb 2019	Aishwarya Tyagi	JIIT, Noida	2 nd Feb 2019	International

3.3.3 - No. of Incubation centre created, start-ups incubated on campus during the year

Incubation	Name	Sponsered	Name of	Nature of	Date of
Center		By	the	Start-	Commence
			Start	up	ment
			-up		
NIL	NIL	NIL	NIL	NIL	NIL

3.4 – Research Publications and Awards

3.4.1 - Ph. Ds awarded during the year

Name of the Department	No. of PhD's Awarded
Biotechnology	5
CSE/IT	10
ECE	10
Mathematics	3
PMSE	5
JBS	5
Total	38

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type (Dropdown)	Department	No. of Publication	Average Impact	
			Factor (if any)	
1. National	Biotechnology	1	0.934	
	CSE/IT	0	0	
	ECE	0	0	
	Mathematics	0	0	
	PMSE	1	0	
	HSS	13	0	
	JBS	1	0	
2. International	Biotechnology	34	2.3	
	CSE/IT	53	1.4	
	ECE	60	1.7	
	Mathematics	42	1.8	
	PMSE	25	1.82	
	HSS	13	0	
	JBS	4	0	
Total		247		

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of Publication
Biotechnology	10/22 = 0.45
CSE/IT	104/104 = 1.0
ECE	17/74=0.23
Mathematics	29/21=1.4
PMSE	5/24=0.21
HSS	6/20=0.3
JBS	2/13=0.15

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status (Dropdown)	Patent Number	Date of Award
Thermally Stable Enzymes With Improved Biocatalytic Activity And A Process To Prepare The Same By Making Their Nanoparticles	Granted	2782/DEL/2010; Nov. 23, 2010	Patent No. 309474; Date of award: March 19, 2019
An improved electrode for electrochemical device	Filed - PCT	PCT/IB2019/052388 25 March 2019	In Process
An improved electrode for electrochemical	Filed	201811012008;	In Process

device		Mar. 29, 2018	
ThermallyStableEnzymesWithImprovedBiocatalyticActivityAndActivityAndA ProcessToPrepareThe SameByMakingTheirNanoparticles	Granted	IN309474	22/03/19
TV Distance Manager	Filed on 17/05/2019	20/2019	In Process
COLLOIDAL zno QUANTUM DOTS BASED ISFET ph SENSOR WITH IMPROVED stability	Status: Under process (with Patentwire for drafting and submission purpose)	Inventors: Prof. Satyabrata Jit (Department of Electronics IIT BHU, varanasi) Dr. Hemant Kumar (Department of Electronics and Communication, JIIT, Noida)	To be submitted

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication (Dropdown)	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
"Molecular-Docking Study of Anti-Stress Natural Compounds Against GABAa Receptor Portends the Novel Approach to Stress Treatment". <i>Journal of</i> <i>Applied Pharmaceutical</i> <i>Science</i> . Vol 8, pp. 38- 43, 2018	A. Negi, P. Singh, N. Taneja, S. Mani	Journal of Applied Pharmaceutica I Science	2018		Jaypee Institute of Information Technology, Noida	0
"Long- and short-term protective responses of rice seedling to combat Cr(VI) toxicity," <i>Environ.</i> <i>Sci. Pollut. Res.</i> , vol. 25, no. 36, pp. 36163–36172, 2018.	S. Dubey, A. Gupta, A. Khare, G. Jain, S. Bose, and V. Rani	Environmental Science and Pollution Research	2018		Jaypee Institute of Information Technology, Noida	0
"Toxicity and detoxification of heavy metals during plant growth and metabolism," <i>Environmental Chemistry</i>	S. Dubey, M. Shri, A. Gupta, V. Rani , and D. Chakrabarty,	Environmental Chemistry Letter	2018		Jaypee Institute of Information Technology, Noida	0

Letters, vol. 16, no. 4. pp.					
1169–1192, 2018.					
"Functional annotation of differentially expressed fetal cardiac microRNA targets: implication for microRNA-based cardiovascular therapeutics," <i>3 Biotech</i> , 2018.	S. Saxena, A. Gupta, V. Shukla, and V. Ran i	3 Biotech	2018	Jaypee Institute of Information Technology, Noida	0
NOPHISH: A PHISH DETECTOR IN CLOUD SERVICES, Telecommunications and Radio Engineering, Vol 77 Issue 12 (2018)	J. K. Seth, S. Kumar,S. Chandra	Telecommunic ations and Radio Engineering, Vol 77 Issue 12 (2018)	2018	Jaypee Institute of Information Technology, Noida	0
Test Case Generation Using Progressively Refined Genetic Algorithm for Ajax Web Application Testing. Recent Patents on Computer Science, 11(4), 276-288.[Indexed in Scopus; H index:9] (2018).	Arora, A.	Recent Patents on Computer Science,	2018	Jaypee Institute of Information Technology, Noida	0
"A Particle Swarm Optimization-Based Heuristic for Software Module Clustering Problem", Arabian Journal for Science and Engineering, vol. 43, no. 12 pp. 7083–7094, Dec. 2018.	Amarjeet P, Chhabra J.K	Arabian Journal for Science and Engineering	2018	Jaypee Institute of Information Technology, Noida	6
"Profiling Children as Consumers: An Indian Study", <i>Journal of Social</i> <i>Sciences and</i> <i>Humanities</i> , vol.26, no.4, pp. 2523-2539, 2018.	Chaudhary, M.	Journal of Social Sciences and Humanities	2018	Jaypee Institute of Information Technology, Noida	0
"Pint-size powerhouses: a qualitative study of children's role in family decision-making". <i>Young Consumers</i> , vol.19, no.4, pp. 345-357, 2018	Chaudhary, M.	Young Consumers	2018	Jaypee Institute of Information Technology, Noida	0
"Using Facebook as a Digital Tool for Developing Trust amongst Consumers using Netnography and Social Media Analytics: A Study of Jet Airways". Journal of Relationship Marketing, Vol 17, No 3, pp 171-187,December 2018.	Ahuja V., & Alavi S.	Journal of Relationship Marketing	2018	Jaypee Institute of Information Technology, Noida	0
"Entropy generation analysis for non-similar analytical study of nanofluid flow and heat transfer under the	Rana, P. and Shukla, N.	Alexandria Engineering Journal	2018	Jaypee Institute of Information Technology, Noida	

influence of aligned magnetic field," Alexandria engineering journal, vol 57, pp. 3299 3310, 2018.Image: Constraint of the second seco	
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<i>journal,</i> vol 57, pp. 3299 3310, 2018.	
3310, 2018.	
Travelling and Shock Mittal, R.C., & Int J 2018 July Dee 0	
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Viscous Burgers'Equation and Applied Information	
with Periodic Boundary Mathematics Technology,	
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4, No. 16 , pp. 150,2018	
"Integrated Fuzzy S. Shekhar, R. 2018 Jaypee 0	
Control to Power Raj, A. Kumar,	
Management on Event G.Verma, P. Information	
Based Wireless Sensor Raj Technology,	
Node model" in Noida	
Proceedings of IEEE	
International Conference	
on Internet of Things:	
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Usages (IoT-SIU), pp. 1-	
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"Quality Business SchoolVandanaScience Direct,2018Jaypee0education and theAhuja, ShriramProcediaBusiness	
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agenda", Procedia	
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India" Antonie Van Goodfellow, Noida	
Leeuwenhoek, Vol. 111, I.P. Sarethy	
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of four triterpenoid C.K. Jain, A. Pharmacy and Institute of	
glycoside saponins of Mathur. Pharmacology Information	
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sub-cellular oxidative Noida	
stress of N2a	
neuroblastoma cells ",	
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pp. 1531-1540, 2018.	
"Bio PharmaceuticsS. Kumar, R.Advance2018Jaypee0	
Classification System Kaur, R. Pharmaceutica Institute of	
(BCS) Class IV Drug Rajput, M. I Bulletin Information	
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Leap to Improve Their Noida	
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Leap to Improve Their Noida	
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post-processing protocols relevant to <i>in-silico</i> drug	Gupta			Information Technology,	
discovery." 3 Biotech.				Noida	
Vol. 8:504, 2018.				Nolua	
Comparative evaluation	Bhardwaj, P.,	Journal of	2018	Jaypee	0
of four triterpenoid	Jain,C.K.,	Pharmacy and	2010	Institute of	0
glycoside saponins of	Mathur, A.	Pharmacology		Information	
Bacoside A in alleviating	Matria, A.	Гпаппасоюду		Technology,	
sub-cellular oxidative				Noida	
stress of N2a				Nolua	
neuroblastoma cells,					
Journal of Pharmacy and					
Pharmacology, Vol. 70,					
pp. 1531-1540, 2018.					
2018					
"An image segmentation	Himanshu	Evolutionary	2018	Jaypee	2
method using logarithmic	Mittal and	Intelligence	2010	Institute of	-
kbest gravitational search	Mukesh	intelligence		Information	
algorithm based	Saraswat			Technology,	
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vol. xx, pp. 1-13, 2018,					
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"Dichotomized Incenter	Srivastava, P.	Cybernetics	2018	Jaypee	0
Fuzzy Triangular Ranking	K. and Bisht,D.	and		Institute of	
Approach to Optimize	C. S.	Information		Information	
Interval Data Based		Technologies		Technology,	
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localized based DE		Assurance		Technology,	
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dielectric, vibrational and	Arora, S.	Alloys and	2010	Institute of	0
optical properties of Zr	Chauhan and	Compounds		Information	
substituted	H. Pandey	Jonpoundo		Technology,	
Bi _{0.90} Gd _{0.10} FeO ₃				Noida	
multiferroics" <i>Journal of</i>					
Alloys and Compounds,					
vol. 735, pp. 684-691,					
2018. [Indexed in					
SCOPUS, Impact factor:					
3.779]					
"Fabrication of efficient	Bhardwaj S,	Journal of	2018	Jaypee	0
dye-sensitized solar cells	Pal. A,	Materials		Institute of	

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with photoanode containing TiO_2 -Au and TiO_2 -Ag plasmonic nanocomposites", Journal of Materials Science: Materials in Electronics, 29 (2018) 18209-18220.	Chatterjee K. H., Rana T. H, Bhattacharya. G, Sinha Roy. S, Chowdhury. P, Sharma. G. D, Biswas. S	Science: Materials in Electronics	0040	Information Technology, Noida	
"Cytotoxicity of Graphene Oxide (GO) and Graphene Oxide Conjugated Losartan Potassium (GO-LP) on Neuroblastoma (NB41A3) Cells", <i>Journalof Nanoscience a</i> <i>nd Nanotechnology</i> , 18, 1–11, 2018	R. Kaur, S. Verma, P. Joshi, S. P. Singh, M. Singh.	Journalof Nan oscience and Nanotechnolog y	2018	Jaypee Institute of Information Technology, Noida	0
"Impact of Antibiotics on Plants", <i>Int. J. Pharm.</i> <i>Sci. Rev. Res</i> , 52(1),49- 53,2018	E. Bhatt, P. Gauba,	International Journal of Pharmaceutica I Sciences Review & Research	2018	Jaypee Institute of Information Technology, Noida	0
"Impact of Antibiotics on Plant Growth " <i>World</i> <i>Journal of</i> <i>Pharmaceutical</i> <i>Research</i> ,7(18), 684-688 (PubMed,google scholar)	R. Barnwal and P. Gauba	World Journal of Pharmaceutica I Research	2018	Jaypee Institute of Information Technology, Noida	0
"Cloning and expression of truncated ORF2 as a vaccine candidate against Hepatitis E Virus", <i>3Biotech</i> vol 8 pp 414-418, 2018.	D. Rani, R.Saxena, B. Nayak, S. Srivastava	3Biotech	2018	Jaypee Institute of Information Technology, Noida	0
"Selegiline nanoformulation in attenuation of oxidative stress and upregulation of dopamine in the brain for the treatment of Parkinson's disease." <i>Rejuvenation research,</i> Vol 21(5), 2017.2035 ,2018 https://doi.org/10.1089/rej	S. Kumar, S. Dang , K. Nigam, J. Ali, S. Baboota	Rejuvenation research	2018	Jaypee Institute of Information Technology, Noida	0
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OntoHindi NER – An Ontology Based Novel Approach for Hindi Named Entity Recognition. International	Jain, A., Tayal, D.K., Arora, A.	International Journal of Artificial Intelligence (IJAI)	2018	Jaypee Institute of Information Technology, Noida	0

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"Dynamic response of normal moving load on a transversely isotropic piezoelectric half-space with parabolic	Kumari P., Modi C., Sharma V. K.	Waves in Random and Complex Media	2018	Jaypee Institute of Information Technology, Noida	2
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perspectives of dividend	Sujata Kapoor,	Research in		Business	
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bacoside biosynthesis	Jain, A.	Biochemistry		Technology,	
and transcriptional	Mathur.			Noida	
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"Bromhexine: a	A. Bhagat and Rachana	International	2018	Jaypee Institute of	0
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9(3): pp 6455-6459, 2018		Medical			
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"Curcumin-mediated	A. Jain and V.	3 Biotech	2018	Jaypee	0
effects on anti-diabetic	Rani	5 DIOLECTI	2010	Institute of	0
drug-induced	i cum			Information	
cardiotoxicity," <i>3 Biotech</i> ,				Technology,	
vol. 8, no. 9, 2018.				Noida	
"Differential Bond Energy	S. Mehta, P.	Journal of	2018	Jaypee	0
Algorithm for Optimal	Agarwal, P.	King Saud		Institute of	
Vertical Fragmentation of	Shrivastava, J.	University		Information	
Distributed Databases",	Barlawala	Computer and		Technology,	
Journal of King Saud		Information		Noida	
University Computer and		Sciences			
Information Sciences,					
2018.					
An Effective DOS Attack	Jitendra	3D Research,	2018	Jaypee	0
Detection Model in Cloud	Kumar Seth .	Springer		Institute of	
Using Artificial Bee	Satish	Nature		Information	
Colony Optimization, 3D	Chandra			Technology,	
Research, Springer				Noida	
Nature, Vol/Issue: 9:44, September,2018					
"StuA: An Intelligent	P. Lodhi, O.	International	2018	Jaypee	0
Student Assistant,"	Mishra, S.	Journal of	2010	Institute of	
International Journal of	Jain, and V.	Interactive		Information	
Interactive Multimedia	Bajaj	Multimedia		Technology,	
and Artificial Intelligence,	-~,~,	and Artificial		Noida	
vol. 5, no. 2, p. 17, 2018.		Intelligence			
"Green Cover Change	Khurana, M.,	Elsevier-King	2018	Jaypee	0
Detection using a	Saxena, V.	Saud Journal		Institute of	
Modified Adaptive		ofComputer		Information	
Ensemble of Extreme		and		Technology,	
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(h5-24, H5 median 36)Vimal Kumar, Approach for Hindi to Tamil machine translation using English as pivot language", International Journal of Advanced Intelligence Paradigm , Vol 11(3/4), pp. 284-298Vimal Kumar, K., Yadav, D.International Journal of Advanced Paradigm2018Jaypee Institute of Information Technology, NoidaO O Information Technology, Noida"Emotional Intelligence: Exploring the RoadGupta, R., Bajaj, B.Pertanika Journal of2018Jaypee Institute of Information Technology, Noida	
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approach for Hindi to Tamil machine translation using English as pivot language", International Journal of Advanced Intelligence Paradigm , Vol 11(3/4), pp. 284-298K., Yadav, D.Journal of Advanced ParadigmInstitute of Information Technology, Noida"Emotional Intelligence: Exploring the RoadGupta, R., Bajaj, B.Pertanika Journal of2018Jaypee Institute of	
Tamil machine translation using English as pivot language", International Journal of Advanced Intelligence Paradigm , Vol 11(3/4), pp. 284-298Advanced Intelligence ParadigmInformation Technology, Noida"Emotional Intelligence: Exploring the RoadGupta, R., Bajaj, B.Pertanika Journal of2018Jaypee Institute of	
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language", International Journal of Advanced Intelligence Paradigm , Vol 11(3/4), pp. 284-298Paradigm ParadigmNoida"Emotional Intelligence: Exploring the RoadGupta, R., Bajaj, B.Pertanika2018Jaypee Institute of	
Journal of Advanced Intelligence Paradigm , Vol 11(3/4), pp. 284-298O"Emotional Intelligence: Exploring the RoadGupta, R., Bajaj, B.Pertanika2018Jaypee0Institute ofJournal ofJournal ofInstitute ofInstitute ofInstitute of	
Intelligence Paradigm , Vol 11(3/4), pp. 284-298Let be a construction of the second s	1
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"Emotional Intelligence:Gupta, R.,Pertanika2018Jaypee0Exploring the RoadBajaj, B.Journal ofInstitute of	
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Pertanika Journal of Humanities Noida	
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'Finite Temperature Phase Transition in the two dimensional Coulomb Glass at low disorders.', The European Physical Journal B Vol. 92, pp147, (2019). [Impact factor 1.44] [SCI Indexed]	P. Bhandari, V. Malik	The European Physical Journal B	2019	Jaypee Institute of Information Technology, Noida	0
"Parameters dependent synthesis of zinc stannate nanowires using CVD and its porphyrin dye loaded optical studies". Vacuum 160 (2019), 201- 208, [Indexed in Scopus, Impact factor: 2.515]	Shalu Sharma, Manoj Kumar and Sandeep Chhoker	Vacuum	2019	Jaypee Institute of Information Technology, Noida	0
"Study of amorphous Sn–Se–Bi–Te semiconducting materials at an average coordination number < r>= 2.4" Journal Materials Research Express Vol 6 issue 7 pp 075209 (2019/4/17) IOP Publishing	Rajan Sharma, SC Katyal, Shaweta Khanna, Vineet Sharma, Pankaj Sharma	Journal Materials Research Express	2019	Jaypee Institute of Information Technology, Noida	0
"Chemical ordering and electronic properties of lone pair chalcogenide semiconductors" Progress in Solid State Chemistry" Volume 54, June 2019, Pages 31-44	Vineet Sharma, Sunanda Sharda, Neha Sharma, SC Katyal, Pankaj Sharma	Progress in Solid State Chemistry	2019	Jaypee Institute of Information Technology, Noida	0
"Structural, morphological, magnetic and optical study of co- precipitated Nd3+ doped Mn-Zn ferrite nanoparticles" Journal of Magnetism and Magnetic Materials, vol. 479, pp. 317-325, 2019. [Indexed in SCOPUS, Impact factor: 2.683]	P. Thakur, R. Sharma, M. Kumar, S.C. Katyal, P.B. Barman, V. Sharma, and P. Sharma	Journal of Magnetism and Magnetic Materials	2019	Jaypee Institute of Information Technology, Noida	0
"Interaction of light and semiconductor can generate quantum states required for solid state quantum computing: Entangled, steered and other nonclassical states." Quantum Information Processing. vol. 18, p. 234, (2019) (Impact Factor = 2.223)	A. Mukhopadhya y, B Sen, K. Thapliyal, S. Mandal and A. Pathak.	Quantum Information Processing	2019	Jaypee Institute of Information Technology, Noida	0
"Bose-condensed optomechanical-like system and a Fabry- Perot cavity with one movable mirror: Quantum correlations from the perspectives of quantum	N. Alam, K. Thapliyal, A. Pathak, B. Sen, A. Verma and S. Mandal.	European Physical Journal D	2019	Jaypee Institute of Information Technology, Noida	0

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Physical Journal D, vol.					
73, p. 139, (2019)					
(Impact Factor = 1.395)					
"Quantum e-commerce:	K. Thapliyal	Quantum	2019	Jaypee	0
A comparative study of	and A. Pathak.	Information		Institute of	-
possible protocols for		Processing		Information	
online shopping and		ricocooling		Technology,	
other tasks related to e-				Noida	
commerce.", Quantum				Noiua	
Information Processing.					
vol. 18, p.191, (2019)					
(Impact Factor = 2.223)				_	-
"Generalized binomial	K. Mandal, N.	Optics	2019	Jaypee	0
state: Nonclassical	Alam, A.	Communicatio		Institute of	
features observed	Verma, A.	n		Information	
through various	Pathak and J.			Technology,	
witnesses and a	Banerjee.			Noida	
quantifier of					
nonclassicality," Optics					
Communication. vol. 445					
pp. 193-203 (2019)					
(Impact Factor = 1.888)					
"Lower-and-higher-order	K. Thapliyal, A.	Optics	2019	Jaypee	0
nonclassical features in	Pathak, B.	Communicatio	_0.0	Institute of	U U
non-degenerate hyper-	Sen, J. Perina.	n		Information	
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Optics Communication				Noida	
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vol. 444 pp. 111-119,					
(2019) (Impact Factor =					
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"Quantum Zeno effect	J. Naikoo, K.	Physical	2019	Jaypee	0
and nonclassicality in a	Thapliyal, S.	Review A		Institute of	
PT symmetric system of	Banerjee and			Information	
coupled cavities",	A. Pathak			Technology,	
Physical Review A, vol.				Noida	
99 p. 023820, (2019)					
(Impact Factor = 2.907)					
"Lower- and higher-order	P. Malpani, N.	Annalen der	2019	Jaypee	0
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photon added and	Thapliyal, A.	1 7		Institute of	-
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Fock states," Annalen der Physik 531 (2019) 1800318 (Impact Factor = 3.039) "Indium tin oxide and silver based fiber optic SPR sensor: an experimental study",	Pathak, V. Narayanan, S. Banerjee Kapoor V., Sharma N. K.,	Quantum	2019	Information Technology, Noida Jaypee Institute of Information Technology,	
Fock states," Annalen der Physik 531 (2019) 1800318 (Impact Factor = 3.039) "Indium tin oxide and silver based fiber optic SPR sensor: an experimental study", Optical and Quantum	Pathak, V. Narayanan, S. Banerjee Kapoor V., Sharma N. K.,	Quantum	2019	Information Technology, Noida Jaypee Institute of Information	
Fock states," Annalen der Physik 531 (2019) 1800318 (Impact Factor = 3.039) "Indium tin oxide and silver based fiber optic SPR sensor: an experimental study", Optical and Quantum Electronics, vol. 51, pp.	Pathak, V. Narayanan, S. Banerjee Kapoor V., Sharma N. K.,	Quantum	2019	Information Technology, Noida Jaypee Institute of Information Technology,	
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Fock states," Annalen der Physik 531 (2019) 1800318 (Impact Factor = 3.039) "Indium tin oxide and silver based fiber optic SPR sensor: an experimental study", Optical and Quantum Electronics, vol. 51, pp. 125, 2019. [Impact factor: 1.168] "Effect of zinc oxide overlayer on the sensitivity of fiber optic SPR sensor with indium	Pathak, V. Narayanan, S. Banerjee Kapoor V., Sharma N. K., Sajal V. Kapoor V., Sharma N. K. ,	Quantum Electronics		Information Technology, Noida Jaypee Institute of Information Technology, Noida Jaypee Institute of	0
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Fock states," Annalen der Physik 531 (2019) 1800318 (Impact Factor = 3.039) "Indium tin oxide and silver based fiber optic SPR sensor: an experimental study", Optical and Quantum Electronics, vol. 51, pp. 125, 2019. [Impact factor: 1.168] "Effect of zinc oxide overlayer on the sensitivity of fiber optic SPR sensor with indium	Pathak, V. Narayanan, S. Banerjee Kapoor V., Sharma N. K., Sajal V. Kapoor V., Sharma N. K. ,	Quantum Electronics		Information Technology, Noida Jaypee Institute of Information Technology, Noida Jaypee Institute of Information Technology,	0
Fock states," Annalen der Physik 531 (2019) 1800318 (Impact Factor = 3.039) "Indium tin oxide and silver based fiber optic SPR sensor: an experimental study", Optical and Quantum Electronics, vol. 51, pp. 125, 2019. [Impact factor: 1.168] "Effect of zinc oxide overlayer on the sensitivity of fiber optic SPR sensor with indium tin oxide layer", <i>Optik</i> , vol. 185, pp. 464-468,	Pathak, V. Narayanan, S. Banerjee Kapoor V., Sharma N. K., Sajal V. Kapoor V., Sharma N. K. ,	Quantum Electronics		Information Technology, Noida Jaypee Institute of Information Technology, Noida Jaypee Institute of Information Technology,	0
Fock states," Annalen der Physik 531 (2019) 1800318 (Impact Factor = 3.039) "Indium tin oxide and silver based fiber optic SPR sensor: an experimental study", Optical and Quantum Electronics, vol. 51, pp. 125, 2019. [Impact factor: 1.168] "Effect of zinc oxide overlayer on the sensitivity of fiber optic SPR sensor with indium tin oxide layer", <i>Optik</i> , vol. 185, pp. 464-468, 2019. [Impact factor:	Pathak, V. Narayanan, S. Banerjee Kapoor V., Sharma N. K., Sajal V. Kapoor V., Sharma N. K. ,	Quantum Electronics		Information Technology, Noida Jaypee Institute of Information Technology, Noida Jaypee Institute of Information Technology,	0

radiation by parametric coupling of a laser beam and its frequency shifted second harmonic in a corrugated magnetized plasma", Optik, vol. 179, pp. 401-407, 2019. [Impact factor: 1.914]	Sajal V., Panwar A., Sharma N. K.			Institute of Information Technology, Noida	
"Suppression of stimulated Raman side- scattering of a laser in a plasma in presence of co- propagating electron beam", Optik, vol. 179, pp. 330-335, 2019. [Impact factor: 1.914]	Baliyan S., Rafat M., Panwar A., Sharma N. K., Sajal V.	Optik	2019	Jaypee Institute of Information Technology, Noida	0
"Effect of particle size distribution on thermo mechanical properties of NiO filled LDPE composites", Bull. Mater. Sci. 42:174, 2019.	Tripathi D., Dey T. K.	Bull. Mater. Sci.	2019	Jaypee Institute of Information Technology, Noida	0

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication (Dropdown)	h Index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
"Molecular- Docking Study of Anti-Stress Natural Compounds Against GABAa Receptor Portends the Novel Approach to Stress Treatment". Journal of Applied Pharmaceutica I Science . Vol 8, pp. 38-43, 2018	A. Negi, P. Singh, N. Taneja, S. Mani	Journal of Applied Pharmaceutica I Science	2018	28	0	Jaypee Institute of Information Technology, Noida
"Long- and short-term protective responses of rice seedling to combat Cr(VI) toxicity," <i>Environ. Sci.</i> <i>Pollut. Res.</i> , vol. 25, no. 36, pp. 36163– 36172, 2018.	S. Dubey, A. Gupta, A. Khare, G. Jain, S. Bose, and V. Rani	Environmental Science and Pollution Research	2018		0	Jaypee Institute of Information Technology, Noida

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"Toxicity and detoxification of heavy metals during plant growth and metabolism," <i>Environmental</i> <i>Chemistry</i> <i>Letters</i> , vol. 16, no. 4. pp. 1169–1192, 2018.	S. Dubey, M. Shri, A. Gupta, V. Rani , and D. Chakrabarty,	Environmental Chemistry Letter	2018	50	0	Jaypee Institute of Information Technology, Noida
"Functional annotation of differentially expressed fetal cardiac microRNA targets: implication for microRNA- based cardiovascular therapeutics," <i>3 Biotech</i> , 2018. NOPHISH: A	S. Saxena, A. Gupta, V. Shukla, and V. Ran i J. K. Seth, S.	3 Biotech	2018		0	Jaypee Institute of Information Technology, Noida
NOPHISH: A PHISH DETECTOR IN CLOUD SERVICES, Telecommunic ations and Radio Engineering, Vol 77 Issue 12 (2018)	J. K. Sein, S. Kumar,S. Chandra	ations and Radio Engineering, Vol 77 Issue 12 (2018)	2018	15	0	Jaypee Institute of Information Technology, Noida
Test Case Generation Using Progressively Refined Genetic Algorithm for Ajax Web Application Testing. Recent Patents on Computer Science, 11(4), 276- 288.[Indexed in Scopus; H index:9] (2018).	Arora, A.	Recent Patents on Computer Science,	2018	11	0	Jaypee Institute of Information Technology, Noida

"A Particle Swarm Optimization- Based Heuristic for Software Module Clustering Problem" ,Arabian Journal for Science and Engineering, vol. 43, no. 12 pp. 7083– 7094, Dec. 2018.	Amarjeet P, Chhabra J.K	Arabian Journal for Science and Engineering	2018	33	6	Jaypee Institute of Information Technology, Noida
"Profiling Children as Consumers: An Indian Study", <i>Journal</i> of Social Sciences and Humanities, vol.26, no.4, pp. 2523-2539, 2018.	Chaudhary, M.	Journal of Social Sciences and Humanities	2018		0	Jaypee Institute of Information Technology, Noida
"Pint-size powerhouses: a qualitative study of children's role in family decision- making". Young Consumers, vol.19, no.4, pp. 345-357, 2018	Chaudhary, M.	Young Consumers	2018	22	0	Jaypee Institute of Information Technology, Noida
"Using Facebook as a Digital Tool for Developing Trust amongst Consumers using Netnography and Social Media Analytics: A Study of Jet Airways". Journal of Relationship Marketing, Vol 17, No 3, pp 171- 187,December 2018.	Ahuja V., & Alavi S.	Journal of Relationship Marketing	2018	22	0	Jaypee Institute of Information Technology, Noida
"Entropy generation	Rana, P. and Shukla, N.	Alexandria Engineering	2018	36		Jaypee Institute of

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analysis for		Journal				Information
non-similar						Technology,
analytical						Noida
study of						
nanofluid flow						
and heat						
transfer under						
the influence						
of aligned						
magnetic						
field,"						
Alexandria						
engineering						
<i>journal,</i> vol 57,						
pp. 3299						
3310, 2018.						
	Mittal D.C. 9	Int J.	2018		0	
"Travelling and	Mittal, R.C., & Rohila, R.		2018		0	Jaypee
Shock Wave	Ronila, R.	Computational				Institute of
Simulations in		and Applied				Information
a Viscous		Mathematics				Technology,
Burgers'Equati						Noida
on with						
Periodic						
Boundary						
Conditions"Int						
J.						
Computational						
and Applied						
Mathematics,						
vol. 4, No. 16 ,						
pp. 150,2018						
"Integrated	S. Shekhar,		2018		0	Jaypee
Fuzzy Control	R. Raj, A.					Institute of
to Power	Kumar,					Information
Management	G.Verma, P.					
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on Event	Raj					Technology, Noida
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Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT- SIU), pp. 1-5,						
Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT- SIU), pp. 1-5, Nov. 2018.	Raj	Science Direct.	2018		0	Noida
Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT- SIU), pp. 1-5, Nov. 2018.	Raj Vandana	Science Direct, Procedia	2018		0	Noida
Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT- SIU), pp. 1-5, Nov. 2018. "Quality Business	Raj Vandana Ahuja,	Procedia	2018		0	Noida Jaypee Business
Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT- SIU), pp. 1-5, Nov. 2018. "Quality Business School	Raj Vandana Ahuja, Shriram	Procedia Computer	2018		0	Noida
Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT- SIU), pp. 1-5, Nov. 2018. "Quality Business School education and	Raj Vandana Ahuja,	Procedia	2018		0	Noida Jaypee Business
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Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT- SIU), pp. 1-5, Nov. 2018. "Quality Business School education and the expectations of the corporate-	Raj Vandana Ahuja, Shriram	Procedia Computer	2018		0	Noida Jaypee Business
Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT- SIU), pp. 1-5, Nov. 2018. "Quality Business School education and the expectations of the corporate- A research	Raj Vandana Ahuja, Shriram	Procedia Computer	2018		0	Noida Jaypee Business
Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT- SIU), pp. 1-5, Nov. 2018. "Quality Business School education and the expectations of the corporate- A research agenda",	Raj Vandana Ahuja, Shriram	Procedia Computer	2018		0	Noida Jaypee Business
Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT- SIU), pp. 1-5, Nov. 2018. "Quality Business School education and the expectations of the corporate- A research agenda", Procedia	Raj Vandana Ahuja, Shriram	Procedia Computer	2018		0	Noida Jaypee Business
Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT- SIU), pp. 1-5, Nov. 2018. "Quality Business School education and the expectations of the corporate- A research agenda", Procedia Computer	Raj Vandana Ahuja, Shriram	Procedia Computer	2018		0	Noida Jaypee Business
Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and Usages (IoT- SIU), pp. 1-5, Nov. 2018. "Quality Business School education and the expectations of the corporate- A research agenda", Procedia	Raj Vandana Ahuja, Shriram	Procedia Computer	2018		0	Noida Jaypee Business

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"Comparative evaluation of four triterpenoid glycoside saponins of Bacoside A in alleviating sub- cellular oxidative stress of N2a neuroblastoma cells ", Journal of Pharmacy and Pharmacology, Vol. 70, pp. 1531-1540, 2018.	P. Bhardwaj, C.K. Jain, A. Mathur.	Journal of Pharmacy and Pharmacology	2018		1	Jaypee Institute of Information Technology, Noida
"Bio Pharmaceutics Classification System (BCS) Class IV Drug Nanoparticles: Quantum Leap to Improve Their Therapeutic Index", <i>Advance</i> <i>Pharmaceutica</i> <i>I Bulletin</i> , 8(4), 617-625,2018	S. Kumar, R. Kaur, R. Rajput, M. Singh	Advance Pharmaceutica I Bulletin	2018	23	0	Jaypee Institute of Information Technology, Noida
"Standardizatio n of virtual- screening and post- processing protocols	S. Gupta, A. M. Lynn and V. Gupta	Springer	2018	23	0	Jaypee Institute of Information Technology, Noida

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relevant to <i>in-</i> <i>silico</i> drug				
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8:504, 2018.				
Comparative Bhardwaj, P., Journal of	2018	107	0	Jaypee
evaluation of Jain,C.K., Pharmacy and	1			Institute of
four Mathur, A. Pharmacology	/			Information
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and Pharmacology,				
Vol. 70, pp.				
1531-1540,				
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"An image Himanshu Evolutionary	2018		2	Jaypee
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vol. xx, pp. 1-				
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"Dichotomized Srivastava, P. Cybernetics	2018		0	Jaypee
Incenter Fuzzy K. and and				Institute of
TriangularBisht,D. C. S.InformationRankingTechnologies				Information Technology,
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Cybernetics and				
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Technologies,				
vol. 18, no. 4,				
pp. 111–119,				
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"Recognition of noise source in multi sounds field by modified random localized based DE algorithm", International Journal of System Assurance Engineering and Management, Springer. Vol 9, issue, 1, pp. 245-261, 2018	Kumar, P., Pant,M.	International Journal of System Assurance Engineering and Management, Springer.	2018	18	0	Jaypee Institute of Information Technology, Noida
"Classical light vs. nonclassical light: Characterizatio ns and interesting applications." <i>Journal of</i> <i>Electromagneti</i> <i>c Waves and</i> <i>Applications</i> , vol. 32, pp. 229-264, 2018.	A. Pathak and A. Ghatak.	Journal of Electromagneti c Waves and Applications	2018	46	3	Jaypee Institute of Information Technology, Noida
"Structural, magnetic, dielectric, vibrational and optical properties of Zr substituted Bi _{0.90} Gd _{0.10} FeO ₃ multiferroics" <i>Journal of</i> <i>Alloys and</i> <i>Compounds</i> , vol. 735, pp. 684-691, 2018. [Indexed in SCOPUS, Impact factor: 3.779]	M. Kumar, M. Arora, S. Chauhan and H. Pandey	Journal of Alloys and Compounds	2018	145	0	Jaypee Institute of Information Technology, Noida
"Fabrication of efficient dye- sensitized solar cells with photoanode containing TiO_2 -Au and TiO_2 -Ag plasmonic nanocomposit es", Journal of	Bhardwaj S, Pal. A, Chatterjee K. H., Rana T. H, Bhattacharya. G, Sinha Roy. S, Chowdhury. P, Sharma. G. D, Biswas. S	Journal of Materials Science: Materials in Electronics	2018	63	0	Jaypee Institute of Information Technology, Noida

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NER – An Ontology Based Novel Approach for	Tayal, D.K.,	Journal of Artificial	2018	10	0	Institute of Information
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NER – An Ontology Based Novel Approach for Hindi Named Entity Recognition. International	Tayal, D.K.,	Journal of Artificial Intelligence	2018	10	0	Institute of Information Technology,
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NER – An Ontology Based Novel Approach for Hindi Named Entity Recognition. International Journal of Artificial Intelligence (IJAI), 16(2), 106-135. [Indexed in Scopus; H index:17]	Tayal, D.K.,	Journal of Artificial Intelligence	2018	10	0	Institute of Information Technology,
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Trust amongst						Noida
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"Molecular- Docking Study of Anti-Stress Natural Compounds Against GABAa Receptor Portends the Novel Approach to Stress Treatment". Journal of Applied Pharmaceutica I Science . Vol 8, pp. 38-43, 2018	A. Negi, P. Singh, N. Taneja, S. Mani	International Journal of Intelligent Information Technologies	2018	14	0	Jaypee Institute of Information Technology, Noida
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<u>Applied</u>						
Mathematics				125		
and						
Computation						
<u>346 (2019):</u>						
<u>879-886.</u>						
Complex	A. M. Wazwaz	Nonlinear	2019	97	0	Jaypee
simplified	and L. Kaur	Dynamics				Institute of
Hirota's forms						Information
and Lie						Technology,
symmetry						Noida
analysis for						
multiple real						
and complex						
soliton						
solutions of the						
modified KdV-						
Sine-Gordon						
equation,						
Nonlinear						
Dynamics 95						
(2019): 2209-						
2215.						
Lump,	L. Kaur and A.	International	2019		0	Jaypee
breather and	M. Wazwaz	Journal of	2010		Ũ	Institute of
solitary wave	m. Wazwaz	Numerical				Information
solutions to		Methods for				Technology,
new reduced		Heat & Fluid				Noida
form of the		Flow				
generalized		11011				
BKP equation,						
International						
Journal of						
Numerical Methodo for						
Methods for						
Heat & Fluid						
Flow 29						
<u>(2019): 569-</u>						
<u>579.</u>						
				43		
Einstein's	L. Kaur and A.	Waves in	2019		0	Jaypee
vacuum field	M. Wazwaz	Random and				Institute of
equation:		Complex				Information
<u>Painlevé</u>		Media				Technology,
L			1			

						Naida
analysis and Lie symmetries, Waves in Random and Complex Media (2019): 1-8.				40		Noida
Optical solitons and Peregrine solitons for nonlinear Schrödinger equation by variational iteration method, Optik 179 (2019): 804-809.	A. M. Wazwaz and L. Kaur	Optik	2019		0	Jaypee Institute of Information Technology, Noida
Bright-dark optical solitons for Schrödinger- Hirota equation with variable coefficients, Optik 179 (2019): 479- 484.	L. Kaur and A. M. Wazwaz	Optik	2019	46	0	Jaypee Institute of Information Technology, Noida
Bright-dark lump wave solutions for a new form of the (3+1)- dimensional BKP- Boussinesq equation, Romanian Reports in Physics 71 (2019): 1-11.	L. Kaur and A. M. Wazwaz	Romanian Reports in Physics	2019	28	0	Jaypee Institute of Information Technology, Noida
Mathematical Formula of Performance of Watermarking System with Repetition of Bits of Watermark, International Journal of Innovative Technology and Exploring	Agarwal H.	International Journal of Innovative Technology and Exploring Engineering	2019		0	Jaypee Institute of Information Technology, Noida

			1		1	
<i>Engineering,</i> 8 (10), 3925-						
3929, 2019. Visual Analysis of the Exact Solution of a Heat Equation, International Journal of Innovative Technology and Exploring Engineering,	Agarwal H.	International Journal of Innovative Technology and Exploring Engineering	2019		0	Jaypee Institute of Information Technology, Noida
8 (9), 1968- 1973, 2019.						
"Uncertainty and negation— Information theoretic applications" International Journal of Intelligent systems, Volume 34, Issue 6, Pages 1248-1260, 2019.	Srivastava, A. And Kaur, L.	International Journal of Intelligent systems	2019	72	0	Jaypee Institute of Information Technology, Noida
'Logarithmic Coarsening in the Coulomb Glass', Phys. Rev. E, vol. 99, pp 052113, (2019). [Impact factor 2.4] [SCI Indexed]	P. Bhandari, V. Malik and S. Puri	Phys. Rev. E	2019	190	0	Jaypee Institute of Information Technology, Noida
'Finite Temperature Phase Transition in the two dimensional Coulomb Glass at low disorders.', The European Physical Journal B Vol. 92, pp147, (2019). [Impact factor 1.44] [SCI Indexed]	P. Bhandari, V. Malik	The European Physical Journal B	2019	114	0	Jaypee Institute of Information Technology, Noida
"Parameters dependent synthesis of zinc stannate nanowires using CVD and	Shalu Sharma, Manoj Kumar and Sandeep Chhoker	Vacuum	2019		0	Jaypee Institute of Information Technology, Noida
its porphyrin dye loaded optical studies". Vacuum 160 (2019), 201- 208, [Indexed in Scopus, Impact factor: 2.515]				75		
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"Study of amorphous Sn–Se–Bi–Te semiconductin g materials at an average coordination number < r>= 2.4" Journal Materials Research Express Vol 6 issue 7 pp 075209 (2019/4/17) IOP Publishing	Rajan Sharma, SC Katyal, Shaweta Khanna, Vineet Sharma, Pankaj Sharma	Journal Materials Research Express	2019	75	0	Jaypee Institute of Information Technology, Noida
"Chemical ordering and electronic properties of lone pair chalcogenide semiconductor s" Progress in Solid State Chemistry" Volume 54, June 2019, Pages 31-44	Vineet Sharma, Sunanda Sharda, Neha Sharma, SC Katyal, Pankaj Sharma	Progress in Solid State Chemistry	2019	44	0	Jaypee Institute of Information Technology, Noida
"Structural, morphological, magnetic and optical study of co-precipitated Nd3+ doped Mn-Zn ferrite nanoparticles" Journal of Magnetism and Magnetic Materials, vol. 479, pp. 317- 325, 2019. [Indexed in SCOPUS, Impact factor: 2.683]	P. Thakur, R. Sharma, M. Kumar, S.C. Katyal, P.B. Barman, V. Sharma, and P. Sharma	Journal of Magnetism and Magnetic Materials	2019		0	Jaypee Institute of Information Technology, Noida
				153		

"Interaction of light and semiconductor can generate quantum states required for solid state quantum computing: Entangled, steered and other nonclassical states." Quantum Information Processing. vol. 18, p. 234, (2019) (Impact Factor = 2.223)	A. Mukhopadhya y, B Sen, K. Thapliyal, S. Mandal and A. Pathak.	Quantum Information Processing	2019	44	0	Jaypee Institute of Information Technology, Noida
"Bose- condensed optomechanic al-like system and a Fabry- Perot cavity with one movable mirror: Quantum correlations from the perspectives of quantum optics." European Physical Journal D, vol. 73, p. 139, (2019) (Impact Factor = 1.395)	N. Alam, K. Thapliyal, A. Pathak, B. Sen, A. Verma and S. Mandal.	European Physical Journal D	2019	78	0	Jaypee Institute of Information Technology, Noida
"Quantum e- commerce: A comparative study of possible protocols for online shopping and other tasks related to e- commerce.", Quantum Information Processing. vol. 18, p.191, (2019) (Impact Factor = 2.223)	K. Thapliyal and A. Pathak.	Quantum Information Processing	2019		0	Jaypee Institute of Information Technology, Noida

				44		
"Generalized binomial state: Nonclassical features observed through various witnesses and a quantifier of nonclassicality, "Optics Communicatio n. vol. 445 pp. 193-203 (2019) (Impact Factor = 1.888)	K. Mandal, N. Alam, A. Verma, A. Pathak and J. Banerjee.	Optics Communicatio n	2019		0	Jaypee Institute of Information Technology, Noida
"Lower-and-	K Thanlival	Optics	2019	120	0	
Lower-and- higher-order nonclassical features in non- degenerate hyper-Raman processes," Optics Communicatio n vol. 444 pp. 111-119, (2019) (Impact Factor = 1.888)	K. Thapliyal, A. Pathak, B. Sen, J. Perina.	Communicatio n	2019	120		Jaypee Institute of Information Technology, Noida
"Quantum	J. Naikoo, K.	Physical	2019	237	0	Jaypee
Zeno effect and nonclassicality in a PT symmetric system of coupled cavities", Physical Review A, vol. 99 p. 023820, (2019) (Impact Factor = 2.907)	Thapliyal, S. Banerjee and A. Pathak	Review A				Institute of Information Technology, Noida
"Lower- and higher-order nonclassical properties of photon added and subtracted displaced Fock states," Annalen der Physik 531 (2019) 1800318	P. Malpani, N. Alam, K. Thapliyal, A. Pathak, V. Narayanan, S. Banerjee	Annalen der Physik	2019		0	Jaypee Institute of Information Technology, Noida

(Impact Factor						
= 3.039)						
"Indium tin oxide and silver based fiber optic SPR sensor: an experimental study", Optical and Quantum Electronics, vol. 51, pp. 125, 2019. [Impact factor: 1.168]	Kapoor V., Sharma N. K., Sajal V.	Optical and Quantum Electronics	2019	50	0	Jaypee Institute of Information Technology, Noida
"F76			0010	51		
"Effect of zinc oxide overlayer on the sensitivity of fiber optic SPR sensor with indium tin oxide layer", <i>Optik</i> , vol. 185, pp. 464-468, 2019. [Impact factor: 1.914]	Kapoor V., Sharma N. K., Sajal V.	Optik	2019	46	0	Jaypee Institute of Information Technology, Noida
"Excitation of	Mann K. L.,	Optik		40	0	Jaypee
terahertz radiation by parametric coupling of a laser beam and its frequency shifted second harmonic in a	Sajal V., Panwar A., Sharma N. K.		2019	46		Institute of Information Technology, Noida
corrugated magnetized plasma", Optik, vol. 179, pp. 401-407, 2019. [Impact factor: 1.914]						
"Suppression of stimulated Raman side- scattering of a laser in a plasma in presence of co-propagating electron beam", Optik, vol. 179, pp. 330-335, 2019.	Baliyan S., Rafat M., Panwar A., Sharma N. K., Sajal V.	Optik	2019	46	0	Jaypee Institute of Information Technology, Noida

[Impact factor: 1.914]					
"Effect of particle size distribution on thermo mechanical properties of NiO filled LDPE composites", Bull. Mater. Sci. 42:174, 2019.	Tripathi D., Dey T. K.	Bull. Mater. Sci.	2019	63	Jaypee Institute of Information Technology, Noida

3.4.7 - Faculty participation in Seminars/Conferences and Symposia during the year

No. of Faculty (Dropdown)	International	National	State	Local
1. Attended/Seminars/Workshops	265	293	87	0
2. Presented papers	126	11	7	0
3. Resource persons	9	56	23	0

3.5 – Consultancy

3.5.1 - Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
NIL	NIL	NIL	NIL

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(Title of the programme	Agency seeking /	Revenue generated	Number of trainees				
s)	programme	training	(amount in	trainees				
department			rupees)					
	No data available							

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising	unit/	Number	of	Number	of
	agency/		teachers		students	
	collabora	ating	coordinat		participated	
	agency		ed in s	such	in	such
			activiti	es	activiti	ies
Education Drive	Sewa India (Group/NSS	2		56	
Education Drive	Udayan Care	e/NSS	2		15	
Women Empowerr	nent Sewa India (Group/NSS	2		8	
Drive						
Consumer Ri	ghts Sewa India C	Group/NSS	2		10	

Awareness Drive			
Instilling Creativity Drive	Sewa India Group/NSS	2	26
Blood Donation Camp	District Hospital	2	30
Digital literacy	Sewa India Group/NSS	2	10
Meditation	Yogoda Satsang Society of India	2	75
Vagan Outreach Awareness	Vagan Outreach	2	35
Walkathon	NSS	2	75
Drug Free India campaign	Art of Living	2	75
Visit to Orphanage	Sewa India Group/NSS	2	35
Women's Day	Sewa India Group/NSS	2	35
То	tal		485

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of activity	the	Award/Recognition	Awarding Bodies	Number of students Benefited
			Nil	

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/ collaborating agency	Name of the activity	Number of teachers coordinated in such activities	Number of students participated in such activities
Swachh Bharat Summer Internship Programme June 2018- July 2018	Ministry of Human Resource Development in association with the Ministry of Drinking Water and Sanitation	 Organized movie screenings Waste Collection Drives Wall Paintings Door-to- door meetings Awarenes s Campaigns Helping in construction of toilets Conductin g Village or School-level Rallies Street Cleaning- Drain Cleaning- Cleaning of back alleys Segregatio n of solid waste into non- biodegradable and biodegradable waste Developm 	1	19

		ent of Compost Pits Promoting Digital Tools for Swachhata Swachhata Swachhat Mukkad Natak Plans for Installation of Biogas Transportation of Household waste		
Unnat Bharat Abhiyan	July 2018	 Village Survey Household Survey 	1	43

3.7 - Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research	110 collaborations (34 faculties)	Faculty members of the Institute are engaged in collaborative research work at individual level with researchers working in national and international universities and research labs without funding.	2018 – 2019
UG students of JIIT exchange programme in 8 th semester with Florida State University, USA	03	Self finance	6 months

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industrial Project	Internship	1MG.com	1-Feb-19	30-Jun-19	SHAURYA UPPAL
Industrial Project	Internship	1MG.com	1-Feb-19	30-Jun-19	SNEHA RAWAT

Industrial Project	Internship	Abhidhya Tech	1-Feb-19	30-Jun-19	SIDDHARTH NARAYAN
Industrial	Internship	Abhidhya Tech	1-Feb-19	30-Jun-19	ANANT
Project Industrial	Internship	Abyeti Tech	1-Feb-19	30-Jun-19	BANSAL UTKARSH
Project	Internanip	Abyell Teoli	1-1 60-13	50-50in-15	SHRIVASTAV
Industrial	Internship	Accolite	1-Feb-19	30-Jun-19	UTKARSH TRIPATHI
Project Industrial	Internship	Accolite	1-Feb-19	30-Jun-19	TANAY
Project	internomp	7.000.00			SAXENA
Industrial Project	Internship	Accolite	1-Feb-19	30-Jun-19	NIKHIL KUMAR SINGH
Industrial Project	Internship	Amazon	1-Feb-19	30-Jun-19	ANUSHKA BENIWAL
Industrial Project	Internship	Amazon	1-Feb-19	30-Jun-19	RISHAB RUSTAGI
Industrial Project	Internship	AWS	1-Feb-19	30-Jun-19	SAHIL MALHOTRA
Industrial Project	Internship	AWS	1-Feb-19	30-Jun-19	ANKUSH
Industrial Project	Internship	AWS	1-Feb-19	30-Jun-19	NIMISHA GULATI
Industrial Project	Internship	AWS	1-Feb-19	30-Jun-19	VIBHANSHU VAIBHAV
Industrial Project	Internship	AWS	1-Feb-19	30-Jun-19	CHINTAN AGRAWAL
Industrial Project	Internship	AWS	1-Feb-19	30-Jun-19	SHIVAM KAPOOR
Industrial Project	Internship	Byjus	1-Feb-19	30-Jun-19	ROHAN ARO RA
Industrial Project	Internship	Byjus	1-Feb-19	30-Jun-19	PRATEEK KU MAR
Industrial Project	Internship	Byjus	1-Feb-19	30-Jun-19	KHUSH G MEHTA
Industrial Project	Internship	Byjus	1-Feb-19	30-Jun-19	VISHAL DIXIT
Industrial Project	Internship	Byjus	1-Feb-19	30-Jun-19	SHIVANSH S HARMA
Industrial Project	Internship	Byjus	1-Feb-19	30-Jun-19	ANANT KUMAR JAIN
Industrial Project	Internship	Byjus	1-Feb-19	30-Jun-19	SHASHANK SINGH BISEN
Industrial Project	Internship	Byjus	1-Feb-19	30-Jun-19	RAGHAV SA WHNEY
Industrial Project	Internship	Byjus	1-Feb-19	30-Jun-19	ANIKET AHUJ A
Industrial Project	Internship	Clappia	1-Feb-19	30-Jun-19	AAYUSH OMAR
Industrial Project	Internship	Click Labs	1-Feb-19	30-Jun-19	MADHAV DUBEY
Industrial Project	Internship	Click Labs	1-Feb-19	30-Jun-19	ROHAN SRIVASTAVA
Industrial Project	Internship	Click Labs	1-Feb-19	30-Jun-19	LALIT MOHAN WADHWA
Industrial Project	Internship	Click Labs	1-Feb-19	30-Jun-19	ABHAR SINHA
Industrial Project	Internship	Click Labs	1-Feb-19	30-Jun-19	AYUSH CHERKHIYA
Industrial Project	Internship	Click Labs	1-Feb-19	30-Jun-19	SALONI SRIVASTAVA
Industrial	Internship	Click Labs	1-Feb-19	30-Jun-19	SAKSHAM

Project					GUPTA
Industrial	Internship	Cognizant	1-Feb-19	30-Jun-19	AKSHAY
Project					GOEL
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	JAI KRISHNA MISHRA
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	CHAYAN GANDHI
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	ANKITA PURKAYASTH A
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	KUSHAGRA
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	BHUMIKA MUNGOLI
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	HARSHIT VERMA
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	SHASHWAT JAIN
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	LOVISH PANDEY
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	TANMAY SRIVASTAVA
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	HIMANSHU SINGH
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	VINNE MALIK
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	SAURABH KUMAR SINGH
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	VINITA SINGH
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	ADITYA MUDGAL
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	DAKSH KUMAR SINGHAL
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	KARAN GUPTA
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	ADITI NARANG
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	CHETAN SINGH JADON
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	RAJAT KUMAR SINGH
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	PAYAL JAIN
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	KATYAYN SHARMA
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	BHAVYAM KUMAR GOYAL
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	RISHABH SHARMA
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	SHAMBHAVI MISRA
Industrial Project	Internship	СРА	1-Feb-19	30-Jun-19	PRATYUSH
Industrial Project	Internship	СРА	1-Feb-19	30-Jun-19	SAKSHI DHIMAN
Industrial Project	Internship	CrediHealth	1-Feb-19	30-Jun-19	SAHIL GUMBER

					1
Industrial Project	Internship	CrediHealth	1-Feb-19	30-Jun-19	MANSI MESHRAM
Industrial Project	Internship	Crisp Analytics	1-Feb-19	30-Jun-19	SHASHANK TRIPATHI
Industrial Project	Internship	Crisp Analytics	1-Feb-19	30-Jun-19	RISHABH VIJAYVARGIY A
Industrial Project	Internship	Crisp Analytics	1-Feb-19	30-Jun-19	SNEHIL SRIVASTAVA
Industrial Project	Internship	Crisp Analytics	1-Feb-19	30-Jun-19	RIYU BANA
Industrial Project	Internship	Cyware	1-Feb-19	30-Jun-19	MANJEET SINGH
Industrial Project	Internship	Cyware	1-Feb-19	30-Jun-19	PARAS JAIN
Industrial Project	Internship	Cyware	1-Feb-19	30-Jun-19	AMAR SHISHODIA
Industrial Project	Internship	Cyware	1-Feb-19	30-Jun-19	SIDDHANT
Industrial Project	Internship	Cyware	1-Feb-19	30-Jun-19	VAIBHAV JAIN
Industrial Project	Internship	Cyware	1-Feb-19	30-Jun-19	SAJAL ANAND
Industrial Project	Internship	Daily Hunt	1-Feb-19	30-Jun-19	ADITYA AMBIKESH
Industrial Project	Internship	Daily Hunt	1-Feb-19	30-Jun-19	NAMAN GUPTA
Industrial Project	Internship	Daily Hunt	1-Feb-19	30-Jun-19	PRAKHAR DUBEY
Industrial Project	Internship	Daily Hunt	1-Feb-19	30-Jun-19	HIMANSHU KANDPAL
Industrial Project	Internship	Daily Hunt	1-Feb-19	30-Jun-19	NITESH MITTAL
Industrial Project	Internship	Delhivery	1-Feb-19	30-Jun-19	SAKSHAM ASHTPUTRE
Industrial Project	Internship	Delhivery	1-Feb-19	30-Jun-19	AKSHAT GARG
Industrial Project	Internship	Delhivery	1-Feb-19	30-Jun-19	DEVENDRA SINGH KHURANA
Industrial Project	Internship	Delhivery	1-Feb-19	30-Jun-19	CHAITANY BHARDWAJ
Industrial Project	Internship	Delhivery	1-Feb-19	30-Jun-19	PALAK AGARWAL
Industrial Project	Internship	Delhivery	1-Feb-19	30-Jun-19	RAJERSHI GAHOI
Industrial Project	Internship	Delhivery	1-Feb-19	30-Jun-19	YASHASVI BHATNAGAR
Industrial Project	Internship	Delhivery	1-Feb-19	30-Jun-19	RISHABH JAIN
Industrial Project	Internship	Delhivery	1-Feb-19	30-Jun-19	HARSHIT SINGHAL
Industrial Project	Internship	Delhivery	1-Feb-19	30-Jun-19	ABHISHEK NEGI
Industrial Project	Internship	Delhivery	1-Feb-19	30-Jun-19	TANYA GUPTA
Industrial Project	Internship	Delhivery	1-Feb-19	30-Jun-19	HARSHIT GUJRAL
Industrial Project	Internship	Deloitte India	1-Feb-19	30-Jun-19	AMAN MITTAL
Industrial Project	Internship	Deloitte India	1-Feb-19	30-Jun-19	TUSHAR RANA

Industrial Project	Internship	Fan Fight	1-Feb-19	30-Jun-19	PIYUSH
Industrial Project	Internship	FICO	1-Feb-19	30-Jun-19	ISHAAN DHAMIJA
Industrial	Internship	FICO	1-Feb-19	30-Jun-19	ANUJ
Project Industrial	Internship	FICO	1-Feb-19	30-Jun-19	SARASWAT PRASHANT
Project	•				CHAHAL
Industrial Project	Internship	FICO	1-Feb-19	30-Jun-19	SHIKHAR TANDON
Industrial Project	Internship	FICO	1-Feb-19	30-Jun-19	PRAFULL PANDEY
Industrial Project	Internship	FICO	1-Feb-19	30-Jun-19	VATSAL SINGHAL
Industrial Project	Internship	FICO	1-Feb-19	30-Jun-19	LAVISH YADAV
Industrial Project	Internship	FICO	1-Feb-19	30-Jun-19	PALAK AGARWAL
Industrial Project	Internship	FICO	1-Feb-19	30-Jun-19	PRAMIT GUPTA
Industrial Project	Internship	Freyr Solutions	1-Feb-19	30-Jun-19	SOUMYA SONI
Industrial Project	Internship	Freyr Solutions	1-Feb-19	30-Jun-19	MISTHI VERMA
Industrial Project	Internship	Fundwave	1-Feb-19	30-Jun-19	RAHUL SHARMA
Industrial Project	Internship	Fundwave	1-Feb-19	30-Jun-19	TANYA SHARMA
Industrial Project	Internship	Gemalto	1-Feb-19	30-Jun-19	PRIYA BHATIA
Industrial Project	Internship	Gemalto	1-Feb-19	30-Jun-19	VIDUSHI SHARMA
Industrial Project	Internship	Gemalto	1-Feb-19	30-Jun-19	SHUBHAM SHARMA
Industrial Project	Internship	Gemalto	1-Feb-19	30-Jun-19	HIMANSHU SHARMA
Industrial Project	Internship	Gemalto	1-Feb-19	30-Jun-19	JAISAL JOSHI
Industrial Project	Internship	Gemalto	1-Feb-19	30-Jun-19	AYUSHI GARG
Industrial Project	Internship	Gemalto	1-Feb-19	30-Jun-19	AYUSH SRIVASTAVA
Industrial Project	Internship	Gemalto	1-Feb-19	30-Jun-19	LAKSHAY CHAWLA
Industrial Project	Internship	Gemalto	1-Feb-19	30-Jun-19	ISHANT TYAGI
Industrial Project	Internship	Genpact	1-Feb-19	30-Jun-19	HARSH VALECHA
Industrial Project	Internship	Genpact	1-Feb-19	30-Jun-19	AMAN KAPOOR
Industrial Project	Internship	Genpact	1-Feb-19	30-Jun-19	SIDDHANT GUPTA
Industrial Project	Internship	Genpact	1-Feb-19	30-Jun-19	HARSH DHAR DWIVEDI
Industrial Project	Internship	Genpact	1-Feb-19	30-Jun-19	SAQUIB NADEEM HASHMI
Industrial Project	Internship	Genpact	1-Feb-19	30-Jun-19	SHUBHAM SHARMA
Industrial Project	Internship	Grappus	1-Feb-19	30-Jun-19	SHRIYA JUNEJA
Industrial	Internship	Hashedin	1-Feb-19	30-Jun-19	VAIBHAV

Project					KUMAR
					SHARMA
Industrial Project	Internship	Hashedin	1-Feb-19	30-Jun-19	HIMANI KHURANA
Industrial Project	Internship	Hashedin	1-Feb-19	30-Jun-19	ARPIT SAXENA
Industrial Project	Internship	Hashedin	1-Feb-19	30-Jun-19	SIDDHARTH GAUR
Industrial Project	Internship	Hashedin	1-Feb-19	30-Jun-19	VAIBHAV AREN
Industrial Project	Internship	Hashedin	1-Feb-19	30-Jun-19	SHIVAM GUPTA
Industrial Project	Internship	Hashedin	1-Feb-19	30-Jun-19	SANCHIT AGARWAL
Industrial Project	Internship	Hashedin	1-Feb-19	30-Jun-19	SHUBHAM AGARWAL
Industrial Project	Internship	Hashedin	1-Feb-19	30-Jun-19	VATSALA MITTAL
Industrial Project	Internship	Hyperdart	1-Feb-19	30-Jun-19	AYUSH KUMAR SINGH
Industrial Project	Internship	IIMjobs	1-Feb-19	30-Jun-19	GYAN PRAKASH
Industrial Project	Internship	IIMjobs	1-Feb-19	30-Jun-19	PUNEET PANT
Industrial Project	Internship	IIMjobs	1-Feb-19	30-Jun-19	SUDHANSHU DWIVEDI
Industrial Project	Internship	IIMjobs	1-Feb-19	30-Jun-19	AYUSHI JAIN
Industrial Project	Internship	India Mart	1-Feb-19	30-Jun-19	MANASVI DUGGAL
Industrial Project	Internship	India Mart	1-Feb-19	30-Jun-19	SOMYA GOEL
Industrial Project	Internship	India Mart	1-Feb-19	30-Jun-19	AASTHA KAUL
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	AAYUSH GUPTA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	ALISHA CHOPRA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	OMANSHI
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	PRAFUL PARASHAR
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SAURABH SINGH
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SHAMBHAVI SINGH
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	ADITYA KUSHWAHA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	AMAN TANDON
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	KHUSHALI GHORPADE
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SMRITI SIDANA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SUNAL PAPREJA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	MOKSH SEHGAL
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	ANAND VARDHAN SINGH

Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	SAIYED
Project		-			QASIM ALI
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	VIDUSHI JAIN
Project					
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	YAGYESH
Project		,			BAJPAI
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	YOGESH
Project					KUMAR
,					BANSAL
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	RATIK
Project	internomp	miosys	110010	00 0011 10	AGRAWAL
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	SHUBHAM
Project	internanip	nnosys	1-1-60-13	50-50H-15	AGGARWAL
	Internabia	Infonio	1-Feb-19	30-Jun-19	DEEPANSHU
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	
Project					SACHDEVA
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	KOPAL
Project					GUPTA
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	RAGHAV
Project					
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	SHUBHAM
Project					SOOD
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	SUSHANT
Project					AHUJA
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	PULKIT JAIN
Project					
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	RAHUL
Project	internomp	miosys	110010	00 0011 10	GUPTA
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	SWAPNIL
Project	internanip	nnosys	1-1 60-13	30-3ull-19	GUPTA
-	Internetin	lafaa ka	1-Feb-19	30-Jun-19	ABHISHEK
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	
Project	1			00.1	SOLANKI
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	AMAN GUPTA
Project					
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	SHIVAM
Project					BANSAL
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	ANAMIKA
Project					GUPTA
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	DIVYAM
Project					BANSAL
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	HIMANSHU
Project					BABBAR
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	PURU JAIN
Project	•	,			
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	SHUBHAM
Project					MATHUR
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	YASH GARG
Project	internanip	mosys	110010	00 0011 10	
Industrial	Internship	Infonyo	1-Feb-19	30-Jun-19	AYUSHI
	internship	Infosys	1-Feb-19	30-Jun-19	BAIRARIA
Project	latera e la la	lafa ava	4 Eab 40	00 1	
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	NITISHA
Project					AGARWAL
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	RAJAT
Project					BANSAL
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	SAHIL JAIN
Project					
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	SHUBHAM
Project					KARPA
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	YAJAT
Project		-			GUPTA
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	ROUNAK
Project					SONI
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	ABHINAV
maastrial	internonip	nnosys	1100.13		

Project					GAUTAM
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	SIDDHARTH
Project	memorp				AGARWAL
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	ABHINAV
Project	memorp				SHARMA
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	KRISHANA
Project	memorp				RAJ
					MAHESHWARI
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	RISHABH
Project					MALHOTRA
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	NAINCY
Project		,			SAXENA
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	MAHAK
Project		,			SHARMA
Industrial	Internship	Infosys	1-Feb-19	30-Jun-19	ANMOL GARG
Project		,			
Industrial	Internship	Interview Bit	1-Feb-19	30-Jun-19	SARAANSH
Project					BARANWAL
Industrial	Internship	Interview Bit	1-Feb-19	30-Jun-19	AKSHITA
Project					BANSAL
Industrial	Internship	Interview Bit	1-Feb-19	30-Jun-19	DHEERAIN
Project					JAIN
Industrial	Internship	Interview Bit	1-Feb-19	30-Jun-19	ABHISHEK
Project					TIWARI
Industrial	Internship	Josh Tech	1-Feb-19	30-Jun-19	SHARAD
Project					DADHICH
Industrial	Internship	Josh Tech	1-Feb-19	30-Jun-19	JATIN
Project					SHARMA
Industrial	Internship	Josh Tech	1-Feb-19	30-Jun-19	SARTHAK
Project					KAPOOR
Industrial	Internship	Josh Tech	1-Feb-19	30-Jun-19	SHIVAM
Project					SINGH
Industrial	Internship	Josh Tech	1-Feb-19	30-Jun-19	YUGANK
Project					SHARMA
Industrial	Internship	Josh Tech	1-Feb-19	30-Jun-19	AVANTIKA
Project					GUPTA
Industrial	Internship	Kony	1-Feb-19	30-Jun-19	SAKSHAM
Project					RAJ SETH
Industrial	Internship	Kony	1-Feb-19	30-Jun-19	NANDINI
Project					NEMA
Industrial	Internship	Kuliza	1-Feb-19	30-Jun-19	KHYATI
Project					SEHGAL
Industrial	Internship	Kuliza	1-Feb-19	30-Jun-19	KARTIK
Project					SHARMA
Industrial	Internship	Kuliza	1-Feb-19	30-Jun-19	AMAN
Project				00.1	AGGARWAL
Industrial	Internship	Kuliza	1-Feb-19	30-Jun-19	SAKSHI
Project		K		00.1	SHARMA
Industrial	Internship	Kwench	1-Feb-19	30-Jun-19	DRAVIT
Project					LOCHAN
Industrial	Internahin	Mentor	1-Feb-19	30-Jun-19	GUPTA ADITYA
Industrial Project	Internship	Graphics	1-L60-18	30-Jun-19	GARG
Project Industrial	Internship	Mtree	1-Feb-19	30-Jun-19	SARTHAK
Project	internship	wittee	1-Feb-19	30-Jun-19	MENDIRATTA
Industrial	Internship	Mtree	1-Feb-19	30-Jun-19	AYUSHI
Project	memsnip	IVILI EE	1-1-60-19	30-Jun-19	GUPTA
Industrial	Internship	Mtree	1-Feb-19	30-Jun-19	ASHISH
Project	memsnip		1-60-19	30-Juli-19	BANSAL
Industrial	Internship	Mtree	1-Feb-19	30-Jun-19	PARUL
Project	memonip			30-Jun-19	JINDAL
Industrial	Internship	Mtree	1-Feb-19	30-Jun-19	SANYAM
maastrial	internonip	NILLOC	110013	00 001-13	0, 11 7.10

Project					AGGARWAL
Industrial	Internship	Newgen	1-Feb-19	30-Jun-19	SARTHAK
Project	intomornp	Software			RANA
Industrial	Internship	Newgen	1-Feb-19	30-Jun-19	ROHAN
Project		Software			KATOCH
Industrial	Internship	Newgen	1-Feb-19	30-Jun-19	SHIVAM
Project		Software			CHIMRA
Industrial	Internship	Newgen	1-Feb-19	30-Jun-19	AYUSH
Project		Software			SRIVASTAVA
Industrial	Internship	Newgen	1-Feb-19	30-Jun-19	SARNAV
Project		Software			CHAUHAN
Industrial	Internship	Octro	1-Feb-19	30-Jun-19	DIVIJ JAIN
Project Industrial	Internship	Octro	1-Feb-19	30-Jun-19	PRATEEK
Project	internship	Octio	1-260-19	30-Juli-19	PANDEY
Industrial	Internship	P&S Research	1-Feb-19	30-Jun-19	PURNAM
Project	internonip				HOSHE RUBA
Industrial	Internship	P&S Research	1-Feb-19	30-Jun-19	MAHIMA
Project					MAHESHWARI
Industrial	Internship	P&S Research	1-Feb-19	30-Jun-19	VIJETA
Project	•				PRAKASH
Industrial	Internship	P&S Research	1-Feb-19	30-Jun-19	PRIYANSH
Project					SRIVASTAVA
Industrial	Internship	P&S Research	1-Feb-19	30-Jun-19	ASMITA
Project					ARORA
Industrial	Internship	Piggy	1-Feb-19	30-Jun-19	PRAKHAR
Project	Internahin	Dlavaimpla	1-Feb-19	30-Jun-19	GUPTA KRITI
Industrial Project	Internship	Playsimple	1-Feb-19	30-Jun-19	KKIII
Industrial	Internship	Playsimple	1-Feb-19		RAJAT
Project	internanip	i laysimple	1-1 60-13	50-50II-15	GUPTA
Industrial	Internship	Playsimple	1-Feb-19	30-Jun-19	NUPUR
Project	internetinp	i layonnpio			GARG
Industrial	Internship	Playsimple	1-Feb-19	30-Jun-19	AKSHAT
Project					AGARWAL
Industrial	Internship	Playsimple	1-Feb-19	30-Jun-19	ACHINT
Project					KUMAR
					CHAUHAN
Industrial	Internship	Playsimple	1-Feb-19	30-Jun-19	PIYUSH
Project	1.	Deserve		00.1.10	GARG
Industrial	Internship	Pooraa	1-Feb-19	30-Jun-19	AKSH GUPTA
Project Industrial	Internship	Pooraa	1-Feb-19	30-Jun-19	NIKHIL
Project	internanip	FOOIdd	1-Feb-19	30-Juli-19	
Industrial	Internship	Pooraa	1-Feb-19	30-Jun-19	CHAITANYA
Project	internetinp	1 oolaa			KUMAR
,					SINGLA
Industrial	Internship	Prime Seller	1-Feb-19	30-Jun-19	PRASHANT
Project		Hub			MAHESHWARI
Industrial	Internship	Prime Seller	1-Feb-19	30-Jun-19	PRASOON
Project		Hub			JAIN
Industrial	Internship	Prime Seller	1-Feb-19	30-Jun-19	ANJALI
Project		Hub			AHLAWAT
Industrial Drainat	Internship	Roposo	1-Feb-19	30-Jun-19	ARUN
Project	Internahin	Paraza	1-Feb-19	30-Jun-19	KUMAR SRIJA
Industrial Project	Internship	Roposo	1-L60-18	50-Jun-19	PANDEY
Industrial	Internship	Roposo	1-Feb-19	30-Jun-19	AYUSH
Project	linemonip				PATHAK
Industrial	Internship	Roposo	1-Feb-19	30-Jun-19	YASH
		NUDUSU			
Project	Internship	ποροσο			VARSHNEY

1-Feb-19 1-Feb-19	30-Jun-19	KHANDELWAL SARTHAK
1-Feb-19		05110.41
1-Feb-19		SEHGAL
	30-Jun-19	MALLIKA
		SHUKLA
1-Feb-19	30-Jun-19	APURVA
1 Eab 10	20 lun 10	AGARWAL
1-Feb-19	30-Jun-19	SHIVANI VIRMANI
1-Feb-19	30- lun-19	KARTIK
1-1 60-13	30-30H-13	AHUJA
1-Feb-19	30-Jun-19	NITIN
		NEPALIA
1-Feb-19	30-Jun-19	RUPANSH VIJ
1-Feb-19	30-Jun-19	AKASH
		GUPTA
1-Feb-19	30-Jun-19	SAURABH
4 5-6 40	00 hm 40	SINGLA
1-Feb-19	30-Jun-19	PRIYESH KUMAR
1-Feb-19	30-Jun-19	SURBHI
110010	50 0011 15	SINGHAL
1-Feb-19	30-Jun-19	MANAN
		DHYANI
1-Feb-19	30-Jun-19	VAIBHAV
		ALREJA
1-Feb-19	30-Jun-19	KUMAR
		PRIYAM
1-Feb-19	30-Jun-19	RAJAT AGNIHOTRI
1-Eeb-10	30- lun-19	SOORYA
1-1 60-19	30-3011-13	NAMAN
		SAXENA
1-Feb-19	30-Jun-19	ADITYA
		MISHRA
1-Feb-19	30-Jun-19	SHAURYA
		SAXENA
	30-Jun-19	KAUSHTUBH
		KUMAR
1-Feb-19	30- lun-19	SARTHAK
	50 501 15	KAPOOR
1-Feb-19	30-Jun-19	ABHINAV
nic		SINGH
	30-Jun-19	ABHISHEK
nic		KISHORE
1-Eob-10	30- lun-10	SIDHANTH
	30-3011-13	MALHOTRA
1-Feb-19	30-Jun-19	SHARON T
nic		ALEXANDER
1-Feb-19	30-Jun-19	SHASHWAT
1 Ech 10	20 km 40	SAHAI AKSHAY
1-Feb-19	30-Jun-19	BATRA
1-Feb-19	30-Jun-19	SHIVANK
		GUPTA
וו	1-Feb-19 ic 1-Feb-19 ic <t< td=""><td>1-Feb-19 30-Jun-19 1-Feb-19 30-Jun-19 ic <td< td=""></td<></td></t<>	1-Feb-19 30-Jun-19 ic 1-Feb-19 30-Jun-19 ic <td< td=""></td<>

Industrial	Internship	Traveloka	1-Feb-19	30-Jun-19	NAMAN
Project					ARORA
Industrial	Internship	Traveloka	1-Feb-19	30-Jun-19	HARSH
Project					CHAWLA
Industrial	Internship	Unimrkt	1-Feb-19	30-Jun-19	PRAGYA
Project					VATS
Industrial	Internship	Vehant Tech	1-Feb-19	30-Jun-19	VASHU
Project					GUPTA
Industrial	Internship	Vehant Tech	1-Feb-19	30-Jun-19	RITIK GUPTA
Project					
Industrial	Internship	Vidooly	1-Feb-19	30-Jun-19	AYUSHI
Project	internanip	vidooly	1-1 60-13	50-50H-15	ASTHANA
Industrial	Internahin	Videoly	1-Feb-19	30-Jun-19	AVIRAL
	Internship	Vidooly	1-Feb-19	30-Jun-19	
Project					GOYAL
Industrial	Internship	Vidooly	1-Feb-19	30-Jun-19	PULKIT JAIN
Project					
Industrial	Internship	Wake Up	1-Feb-19	30-Jun-19	MOHIT
Project					VASUJA
Industrial	Internship	Wake Up	1-Feb-19	30-Jun-19	MAYANK
Project					RATHI
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	JASPREET
Project					SINGH
1 10,000					ARORA
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	SIDDHARTH
Project	Internatio	wipio	110010	50 5011 15	SANDEL
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	CHARCHIT
	Internship	vvipro	1-Feb-19	30-Jun-19	
Project					MADAN
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	NIHARIKA
Project					AGARWAL
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	SAKSHAM
Project					SHARMA
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	YATIN
Project					CHACHRA
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	AMAN
Project					SHARMA
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	ANIRUDDH
Project					RAWAT
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	TANYA JAIN
Project					
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	SAHIL
Project	internomp	Wipio	110010	00 0011 10	VERMA
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	AYUSH
	Internship	vvipro	1-Feb-19	30-Jun-19	SHUKLA
Project	late we als in	10/line me	4 5-6 40	00 hur 40	
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	RISHABH
Project					GOSWAMI
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	SHASHI
Project					RANJAN
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	DEEPAK
Project					MITTAL
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	ANKIT
Project	-				SAKLANI
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	SARTHAK
Project					TYAGI
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	PARTH
Project					ABBOT
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	PRAGATI
Project	memorip		110013	00 001-13	JAGGI
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	ABHIJEET
	memsnip	vipio	1-Feb-19	30-Jun-19	
Project	ا با مدهم ما	\\/irc==	4 5-6 40	00 hm 40	ARYAN
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	AKSHAY
Project	1			00.1	
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	SYED KASHIF

Project					MUJTABA
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	SHASHWAT
Project	linternomp				YADAV
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	AKSHAY
Project					SHARMA
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	SHIVANGI
Project					SRIVASTAVA
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	PRANJAL
Project	-				RAWAT
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	SURYA
Project					PRATAP
					SINGH
					CHAUHAN
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	SAURAV
Project					KUMAR
Industrial	Internship	Wipro	1-Feb-19	30-Jun-19	SAANKHYA
Project					PAREKH
Industrial	Internship	Xane	1-Feb-19	30-Jun-19	ABHIMANYU
Project					VASHISHT
Industrial	Internship	XL Catlin	1-Feb-19	30-Jun-19	HARSH
Project					KATYAYAN
Industrial	Internship	ZS Associates	1-Feb-19	30-Jun-19	ASHI MITTAL
Project					

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year.

Organisation	Date of MoU	Purpose/Activities	Number	of		
	signed		students/teacl	hers		
			participated			
			under MoUs			
No MOU has been signed in the AY 2018-19						

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation (Rupees in lakhs)	Budget utilized for infrastructure development (Rupees in lakhs)
1305#	867#

includes Academic and not Academic Infrastructure

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added (Choice)	Source of fund	Total (a+b)
1. Campus Area a. Noida Sec-62 b. Noida Sector-128 (Extension of 62 in)	(a) LA 63, 333.3 Sq.m. (b) LA 33,184 Sq.m.		96,513.00 Sq.m
	(a) BA - 116612 Sq.m. (b) BA - 24998 Sq.m.		1,41,610.0 Sq.m.
2. Class room	89 (66 ICT enabled + 16 Tutorial Rooms + 07 Seminar Rooms)		89
3. Laboratories	102 (98 Existing) +Machine Learning & IOT (Newly Added) $- 02 + 02 = 04$		106
4. Seminar Halls			

-		07 ()		
5.	Classroom with LCD	07 (seminar room)		
	facilities		JIIT	
6.	Classroom with Wi-	66 (44 at Sec. – 62 +20 at Sec. – 128)		
	Fi/LAN			
7.	Seminar halls with ICT	91		66
	facilities			
8.	Video Centre	NIL		91
9.	Value of equipment			
	purchased during this	867 Lakhs (Newly Added)		
	year			
10.	Other			867 Lakhs
11.	Number of important	8		
	equipment purchase			
	(>1-0 lakh) during the			
	current year			

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially) (Dropdown)	Version	Year of automation (Dropdown)
Open Source Library Management Software "KOHA"	Fully Automated	17.11.00.001	2002

4.2.2 – Library Services

Library Service Type (Dropdown)	Existing		N	Newly Added		Total	
	No.	Value (In Rupees)	No.	Value (In Rupees)	No.	Value (In Rupees)	
Text Books	45525	3,45,73,211	6979	35,52,702	52504	3,81,25,913	
Reference Books	17787	1,37,30,947	1829	8,88,175	19616	1,46,19,122	
E-Books	631	1,01,429	259	3,67,072	890	4,68,501	
Journals (Print)	33	68,07,113	33 (Renew)	3,42,193	33	71,49,306	
E-Journals	5936	42965782	1790 (Renew)	6889336	7726	49855118	
Digital Database	336672	8734720	59932	850508	396604	9585228	
CD & Video	4135	0	1005	0	5140	0	
Library Automation	2	1196000	0	0	0	0	
Weeding (hard & soft)	289	118285	05	1675	297	119960	
Others (Lecture notes computer Science)	9429	10,919,172	Renew	14,45,423	9429	123,64,595	

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e- content		
Nil					

4.3 – IT Infrastructure

Туре	Total	Comput	Intern	Browsin	Comput	Offic	Departmen	Available	Other
	Computer	er Lab	et	g	er	е	ts	Bandwidt	S
	S			centers	Centers			h	
								(GBPS)	
Existin	2065	46	46	5	2	2	7	1.2	
g									
Added	173	02						0	
Total	2238	48	46	5	2	2	7	1.2	

4.3.1 – Technology Upgradation (overall)

4.3.2 - Bandwidth available of internet connection in the Institution (Leased line)

1.2 GBPS			
MBPS/GBPS			

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility		
Nil			

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on	Expenditure incurred on	Assigned budget on	Expenditure incurred on
academic facilities	maintenance of	physical facilities	maintenance of physical
(Rupees in lakhs)	academic facilities	(Rupees in lakhs)	facilities
135	190	587	486

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

JIIT has Central IT Infrastructure. The infrastructure is dedicated for IT support, maintained by inhouse IT staff. The main objectives is to provide easily accessible and excellent computational facilities, support to all members of JIIT in all academic, research and recreational requirements, to implement and maintain IT Infrastructure and application software to do in house research and development, account administrative & regular activities, and to serve a user population of more than 4500 users consisting of undergraduate, postgraduate, research scholars, faculty and staff of the University. The status of instruments in UG/PG/Research labs is reviewed on a regular basis by lab staff/committees under the supervision of HOD of the concerned department. The department also has chemical purchase committee which keeps a record of existing resources and purchase of consumables. The purchase of the non-consumable items/Instruments is being taken care by Institutional level committee consists of the members from various departments like finance/accounts/administration/academics. The UG/PG/Research labs are maintained as per JIIT policy where physical facilities are maintained by JIIT Engineering and Construction Division. The Learning Resource Centre at JIIT Noida can accommodate about 700 users and has more than 80 computer nodes with high speed Internet and Intranet connectivity. It is fully integrated with the latest barcode technology and international standard open source library management software KOHA. Users can access bibliographic details of the LRC resources through OPAC anywhere, thus providing 24 hours access a day. The LRC consists of latest collection of textbooks as well as reference books, national as well as international peer reviewed journals, magazines and electronic resources on subject areas covered by the academic curricula of the Institute. LRC has also made provisions to subscribe on-line journals and other national and international journals in printed form. It is also an active member of Developing Library Network and provides inter-library loan services to its users. The open access system has been adopted at all service points where users may browse and select material of their choice. LRC has implemented an anti-theft electromagnetic system at its main gate. It has undertaken two major projects for development of institutional repository for maintaining intellectual output of the institute i.e. LRC DRS and dynamic LRC website. LRC keeps itself updated Global practices with latest organizing book exhibitions/ conferences/ workshops from time to time. The administrative department of JIIT is responsible for examination and maintenance of labs. Stock registers lab record books are maintained by faculty, lab staff and inspected time to time by HODs. Extracurricular activities and Sports activities such as Basket ball, Gymnasium,

Volley Ball, and Swimming etc., are being handled by Jaypee Youth Club. Engineering and Construction of the Institute maintains all the infrastructural facilities such as DGs, ACs, plumbing, lifts, cooling towers etc. E and C department is comprised of three divisions Electrical, HUAC/Plumbing and Civil. This department also extends the services for maintenance and repair work as per the request of the staff and students residing inside the campus.

Total word count: 0 words. Words left: 500

<u>http://www.jiit.ac.in/lrcjiit/,</u> <u>https://docs.google.com/spreadsheets/d/1VpLIAuIJ2ACu2s_wzn2tFD79sIX9B-Qy70YIWs5-4B8/pubhtml,</u> <u>http://www.jiit.ac.in/biotech-gallary,</u>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Supports

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of stude	ents	Amount in Rupees
Financial Support	Research Fellowship for Ph.D. Students	88		31,89,004
from institution	Teaching Assistantship for PG students M. Tech	34		2,28,000
	William Webster Merit- Cum-Means Scholarship	8		5,80,000
	Financial Assistance for attending conferences/ seminars for UG/PG & Ph.D. Students	14		30,000
Financial Suppo	ort from Other Sources:			
a) National	Government funded projects for supporting staff (JRF+SRF+RA+PA)	DST Inspire Fellowship	4	16,08,094
		ICMR Fellowship	1	4,36,80
		RA-Ship Post	1	3,61,93

Doc (DST -

	Vouna		
	Young		
	Scientist)		
	RA-ship	3	8,17,496
	JRF/SRF	15	45,77,705
	PA-ship	3	2,27,949
	<u>Under Direct</u> <u>Benefit</u> <u>Transfer</u> <u>Scheme:</u>		
	1. CSIR S-SRF	5	15,35,032
	2. UGC – NET JRF/SRF	4	15,37,440
	3. RGNF-ST JRF	1	3,86,400
	Total		1,14,88,851
	Fellowship		
b) International	-		Nil

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

	Nome of the	Data	Numerican of	
S.	Name of the	Date of	Number of	Agencies involved
r	capability	implementat	student	
4	enhancement	ion	S	
	scheme		enrolle	
			d	
1.	Robotics Manual	28th July 2017	CSE	JIIT
	orientation	2	student	
	(Workshop,		S	
	exhibition)		Ū	
2.	Meditation Workshop	27 February		Yoshoda Satsang
۷.	meditation workshop	2019		Society of
		2013		India
		Defendence et al	45	
3.	Workshop organized	Refer document	15	The number
	by CS/IT Dept.	professional		indicates JIIT
4.	Workshop organized	and societal	20	
	by ECE	activities for		Students
5.	Workshop organized	detail on	17	participation in
	by PMSE	date and		various
6.	Workshop organized	duration	11	workshops
	by Mathematics			organized by
7.	Workshop organized		17	the institute for
7.	by Biotech		17	
-			4	academic/tech
8.	Workshop organized		4	nical skill
	by JBS			development
9.	Workshop organized		4	
	by HSS			
10.	Effective Self	02 nd July 2018 -	68	JBS Faculty
	Management*	15 th		-
	č	September		
		2018		
11.	Analytical and	28 th June 2018	48	JBS Faculty
	Technical Skills*	– 15 th		
		September		
		2018		
40			40	
12.	Employability Skills*	24 th Sept 2018 –	48	JBS Faculty +

		22 nd December 2018		Executives from Corporate **
13.	Social and Professional	07 th Jan 2019 – 29 th March	68	JBS faculty
	Skills*	2019		

*Courses which run for the duration of the Trimester.

** List of corporate involved:

Consultant, Infosys; Senior Operations Consultant, Ameriprise Financial Senior Executive, HCL technologies; Anaplan Model Builder at Wipro Limited Senior Research Associate Transearch; Micromarket CEO at OYO.com Analyst, Accenture; Singh, Corporate Trainer, The Wall Street School

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year(Dropdown)	Name of the	Number of benefite	Number of benefit	Number of	Number of
	sche me	d student	ed student	stude nts	stud ents
		s for competi tive examin ation	s by career counse lling activitie s	who have pass edin the comp exam	plac ed
2018	Aptitude Train ing	July 2018	557	Mr Eldo	
2019	Aptitude Train ing	July 2019*	524	Mr Eldo	

*Aptitude Training for 524 students was organized from 22July, 2019 to 8 August, 2019 in batches. There were total of 8 batches. About 58 – 80 students per batch attended the training. The duration of the training was of 18 Hours per batch.

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year (Data awaited from registry)

Total grievances received	Number	of	grievances	Avg.	no.	of	days	for
	redressed		gr	ievano	ce rec	Iressal		
0	100%		07					

5.2 – Student Progression

5.2.1 - Detail for On campus and Off campus placements during the year

On campus			Off campus		
Name of	Number of	Number	Name of	Number of	Number
organizat	student	of	organizati	student	of
ions	S	stud	ons	S	stud
visited	particip	ents	visited	particip	ents
	ated	plac		ated	plac
		ed			ed
10Times	9	1	BlogVault	102	2
1MG	57	2	Delhivery - SW	15	13
Abhidhya	22	3	Dynata	7	2

Tech					
Abyeti technolo gies	96	1	Estee Advisors- 1	12	2
Accolite Software- 1	285	2	Evalueserve - SE	26	2
Accolite Software- 2	285	1	Exponential-2	11	3
Adobe- Develope r	157	1	GrownMind	19	1
Adobe-IT Staff	110	2	Indus Valley Partners	12	0
Airtel	88	6	Innovaccer -2	28	3
Amazon SDE	346	2	Mattsenkumar	8	0
Amazon-AM	18	2	Maxtra Tech	6	1
AnoVip	1	1	Octro (Regular)	14	5
Apelo Consultin g	10	1	Phronesis Partners (BR)	13	0
Asahi India	1	0	Pragati	8	3
AWS	203	6	QA Info Tech	3	1
Bright Petroleu m	8	3	Samsung	38	4
Broadcom	90	1	SNVA	8	3
Byjus	295	12	Tech Sci Research	10	4
Cadence	17	5	Value Research	5	0
Chapter Vitamins	8	2	Vmware	26	1
Clappia	110	1	Total		50
Infosys	506	370			
Ingenious	78	0			
Innovaccer -1	83	3			
Intellicus	38	3			
Interra	17	0			
Interview Bit	344	4			
Jaroeducation-1	60	2			
Jaroeducation-2	53	1			
ssJosh					
Technologies	49	6			
Knoldus Software	50	0			
Kony	48	2			
Kratikal	128	9			
Kronos	68	3			
Kuliza	56	4			
Kwench	35	2			
Lakshmikumaran	4	1			
Lakshmikumaran Lucideus Tech	4 145	1			

Mckinley	20	1
Mentor Graphics	1	1
Mirketa Software	3	0
Mountblue	27	6
Mtree Software	126	5
MyGate	3	1
MyOperator	81	0
NCR Corporation	30	1
Nestle India	58	2
Newgen Software	40	6
NIIT Tech	8	0
Nineleaps	60	0
Nirvana	11	0
NTT DATA	77	25
Nxtlife Tech Octro (Diversity	4	0
hiring)	50	2
OLA	420	6
Optimus	14	0
P&S Research	21	5
Paytm Bank	8	0
Phronesis	31	5
Partners		
Piggy	8	1
PlaySimple Games	405	7
Pooraa	25	3
Posist	379	0
Prime Seller Hub	21	6
Protivity	17	1
Raj Nakra	7	1
Real Time Data Services	68	2
Real Time Data		
Services-Sales	17	1
Engineer		
Reliance	4	1
RMS	7	1
Rohde & Schwarz	17	2
Roposo	81	6
RXLogix	35	13
S&P Capital IQ	9	0
Samisthi Info	14	1
Tech Samsung	55	4
SAP Labs	122	15
Sixer Class	70	0
Sixred Marbles	8	0
	0	U

Smart Analyst	6	1
Squad	10	2
ST Microelectronics- 1	50	1
ST Microelectronics- 2	50	5
Sterlite Tech	14	2
Studypad	111	3
Tech Sci Research	7	3
The Smart Cube	53	2
Torrent Group	26	1
Traveloka	214	2
Tresvista	55	5
Twango	10	0
Unimrkt	11	1
United Health	78	2
Universal DATA	3	0
Vehant Tech	60	2
Vidooly	54	3
Vitrana	54	7
Vivo India	36	4
Wake Up	20	3
Wayforward	55	1
WeP Digital	11	0
Wheelseye	29	3
Wipro	597	187
Xane	114	1
XL Catlin	495	1
Yamaha Motor	34	0
ZS Associates	623	12
Zunroof	26	2
Zycus	380	3
Zyla Healthcare	31	6
Tota	al	1368

JBS Data (2019 passed out batch)

On campus				Off campus	
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
LAVA Mobiles	17	1	Jaro Education	7	0
Nopaperforms	24	2	Altima Security	2	0
99acrescom	8	1	Zycus	15	0

Indus Valley Partners	6	1	Kazo Fashion	13	0
Lloyds Ventures	3	2	Berger Paint	2	0
Neer Info Solutions	4	1	Naukri.Com	3	0
HCL	24	8	F1F9	7	0
Square Yard	18	16	TTND	3	0
Secure Now	10	2	PropTiger	8	0
S&P Global	4	1	Prime Seller Hub	8	0
Airtel	8	1	Effectual Services	1	0
Six Red Marbles	4	1	RMS	3	0
OTB Marketing	5	1	Paytm	4	0
ReadySet Trip	3	1	Total	40	
Byjus	13	1			

5.2.2 – Student progression to higher education in percentage during the year

Year	No. of students	Programme	Name /	Name of	Name of
(Dropdown)	enrolling into	graduated	Department	institution	programme
	higher education	from	graduated from	joined	admitted to
1. 2019	7 from CSE	B. tech	Nipun Mittal (CSE)	IIT Bombay	M.tech
2.		B. tech	Shivank Tiwari(CSE)	Arizona State University	M.S.
3.		B. tech	Naman Aggarwal(CSE)	IIT Delhi	M.tech
4.		B. tech	Aniket Bhatnagar(CS E)	NYU (Courant Institute of Mathematical Sciences)	M.S.
5.	_	B. tech	Siddhartha Dimania(CSE)	University of Georgia – Franklin College of Arts and Sciences	M.S.
6.		B. tech	Pooja Garg(CSE)	Faculty of Management Studies, Delhi	MBA
7.		B. tech	Vidhiwar Singh Rathour (CSE)	University of Arkansas, USA	M.S.(Artificial Intelligence)
8. 2018	13 from ECE	B. tech	Radhika Chawla (ECE)	IMT	MBA
9.		B. tech	Ruchika Pathak (ECE)	XLRI, Jamshedpur	MBA
10.		B. tech	Simaran Mukhija(ECE)	FDRE	MBA
11.		B. tech	Jatin Bajaj (ECE)	NEU, Boston	M.Sc.
12.]	B. tech	Rahul Upadhayay (ECE)	Arizona State University	MSE

13.		B. tech	Anshul (ECE)	TISS, Hyderabad	M.A.
14.		B. tech	Anant Shristava (ECE)	LBSIM, SOIL	MBA
15.		B. tech	(ECE)	Syracuse University	M.S.
16.		B. tech	Tushar Verma (ECE)	Monash University	M.Sc.
17.		B. tech	Shiwangi (ECE)	DMS IIT Delhi	MBA
18.		B. tech	NANDITA AGRAWAL (ECE)	BIMTECH(PG DM)	PGDM
19.		B. tech	SIDDHARTHA KATARIYA (ECE)	IMI Delhi	MBA
20.		B. tech	NITYANSHI (ECE)	IIM KASHIPUR / ROHTAK	MBA
21.	4 from BT		Sasha Gulati (BT)	Awaited (International)	MS (food biotechnology)
22.			Priyansh Srivastava (BT)	Awaited (national)	PHD (Environmental Biotechnology)
23.			Mahender Singh Rawat (BT)	Awaited (International/ National)	PHD/MS (Environmental Biotechnology)
24.			Jasmine Pruthi (BT)	Declared (National)	M.Tech (Biotechnology)

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items (Dropdown)	No. of students selected/ qualifying	Reg no/ Rollno. for the examination		
1. NET	0			
2. SET	0			
3. SLET	0		1	
4. GATE	30	BT19S48032103	CS19S33036410	
		BT19S48031134	EC19S58032203	
		BT19S43030713	EC19S58031248	
		BT19S43048180	EC19S58032123	
		BT19S48032103	EC19S53038022	
		BT19S43041045	CS19S38032565	
		EC19S53008282	CS19S38032434	
		EC19S58012149	CS19S38031151	
			CS19S38036391	
		EC19S53008132	C919933040319	
			0010000000000	

		EC19S53031606	CS19S33040339
		504050500	CS19S38031009
		EC1950530	CS19S38032147
		EC19S58013053	CS19S38031112
		EC19S5803	CS19S38031035
			CS19S33033239
		58032234	CS19S38032209
		EC19558032046	CS19S38031582
		C276U54	
		EC19S58013165	
E CMAT	0		
5. GMAT 6. CAT	0 28	15102151	
		8256253	
		8263727	
		8135973	
		8100969	
		8040947	
		8210651	
7. GRE	10	4066313	
		4525108	
		4976546	
8. TOFEL	2		
9. IELTS 10. CIVIL SERVICES (UPSC-CDS)	1 2	802648	
11. ANY OTHER (AFCAT,	2 (AFCAT)	0218AL0127909 (A	AFCAT)
XAT, IEO, CEED, NMAT)	1 (XAT)	0119al0043199(Al	FCAT)
	1 (CEED)	284182(IEO)	
	1 (IEO)	2012083(CEED)	
		XAT-032465	

5.2.4 - Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
Fun sports meet 2018	Internal event	
Basketball competition-girls	Inter college	Vrindagoyal
T.T (boys)- competition	Inter college	Paritosh
Cricket- competition	Inter college	Sashwat Chaudhary

Volleyball (Boys)	Inter college	Divyansh	
Volleyball (Girls)	Inter college	Vrindagoyal	
Badminton (Boys)	Inter college	Chetan bansal	
Badminton (girls)	Inter college	Subhangi	
Football	Inter college	Kunal	

5.3 - Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year (Dropdown)	Date	Name of the award/me dal	National/ Internaion al (Dropdown	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	21-09- 2018	1 st (Hackatho n)) National = 9			15102080	Akancha Gupta(EC E)
	11-2018	2 nd (Ideal to workshop)				99151021 12	Tushar Verma (ECE)
	11-2018	2 nd (Ideal to workshop)				99151020 05	Mohsin Ansari (ECE)
	11-2018	2 nd (Ideal to workshop)				99151021 80	Surendra Choudhary (ECE)
	11-2018	2 nd (Ideal to workshop)				99151021 79	Sparsh (ECE)
	11-2018	2 nd (Ideal to workshop)				99151021 59	Aastha Sharma (ECE)
	11-2018	2 nd (Ideal to workshop)				99151021 81	Utkarsh Jain (ECE)
	11-2018	2 nd (Ideal to workshop)				99151020 38	Abhinav Jha (ECE)
	11-2018	2 nd (Ideal to workshop)				99151020 42	Ankur Awasthi (ECE)
	24-3-2018	Best judge (MUN)	Internation al = 6			15102259	Twesha Goel (ECE)
	22-5-2018	2 nd (Data Analyst)				15102259	Twesha Goel (ECE)
	03-2018	Letter of Appreciati on (ICSE- 18)				99151021 19	Kush Bajaj (ECE)
	Jul 2018	18) 3 rd (RHSCA)				99151020 44	Arpit Kumar (ECE)
	Jul 2018	3 rd (RHCOE)				99151020 44	Arpit Kumar (ECE)
	13 th -14 th December	(2 nd) Best Poster				16101026	Jasveen Bhasin

	2010	(Casar -				
	2018	(Second				(BT)
		Internation				
		al				
		Conferenc				
		e on				
		Nanobiote				
		chnology				
		for				
		Agriculture				
		Agriculture				
		Detection				
		Detection,				
		Conservati				
		on and				
		Responsib				
		le Use of				
		Natural				
		Resources				
)				
2019	2019	1st Prize	National =		-	Shubanghi
		in IIT	4			, Vaibhav,
		Bombay;				Shekhar,
		2nd prize				Dipti
		in IIT				
		Kanpur				
	Mar-2019	Certificate	1		99151020	Savitesh
		(Hacketho			31	Chaturvedi
		n.com)			01	(ECE)
	February	1 st			15101081	Tushar
	February-				15101061	
	March	(NPTEL)				Dhyani
	2019					(BT)
	25 th May,	Memento			14501013	Aayushi
	23 rd Jan,					Bhatnagar
	2019					(BT)
	03-2019	Presentati	Internation		99151020	Dikshant
		on award	al = 24		71	(ECE)
		(ICSC				
		Conf.)				
	Mar-2019	Presentati			99151021	Siddharth
		on award			53	S.Pol
		(ICSC				
		Conf.)				
	31 st	II (ICABB-			15801009	Ritik
	January-2	2019)			10001009	Vaishy
		2019)				
	February					(BT)
	2019				45404055	
	31 st	&			15101075	Raveesh
	January-2	(ICABB-				Malik (BT)
	February	2019)				
	2019	L				
	31 st	III			15801007	Mahima
	January-2	(ICABB-				Rawal
	February	2019)				(BT)
		,				
	2019 31 st	2 nd	1		15101083	Yashi
	January-2					Srivastava
	February					(BT)
	2019					
	31 st	1 ST			15101016	Ritika
					13101010	
	January-2	(ICABB-				Kamthan
	February	2019)				(BT)
	2019			 	1700/000	<u> </u>
	31 st	2 nd			17301003	Divyanshi
1	January-2	(ICABB-				Jain (BT)

T	Esta -	0040	1	,		,
	February 2019	2019)				
	31 st	2 nd			17301004	Anushka
	January-2	(ICABB-			17001004	Gupta
	February	2019)				(BT)
	2019	,				()
	31 st	2 nd			17301006	Akshay
	January-2	(ICABB-				Jain (BT)
	February	2019)				
	2019					
	31 st	2 nd			17301007	Savita
	January-2	(ICABB-				Yadav
	February	2019)				(BT)
	2019	rd				
	31 st	3 rd			17301009	Aishwarya
	January-2	(ICABB-				Tyagi (BT)
	February	2019)				
-	2019	3 rd			44504000	Davia
	31 st	-			14501029	Pooja
	January- 2	(ICABB-				Upadhyay
	February 2019	2019)				(BT)
	2019 31 st	3 rd Poster			16101010	Ria Singh
	January-2				10101010	(BT)
	February	presentati on				(יט)
	2019	(ICABB-				
	2013	2019)				
-	31 st	3 rd prize in			16101044	Jatin
	January-2	poster			10101011	Aggarwal
	February	presentati				(BT)
	2019	on on				、
		(ICABB-				
		2019)				
	15 th -17 th	2 nd (Paper			17101055	Aditi
	March	presentati				Ganguly
	2019	on)				(BT)
	15 th -17 th	3 rd SEG			17101055	Aditi
	March	Poster				Ganguly
	2019	presentati				(BT)
		on				
		(Cognizan				
		ce-2019)				
	o 4 St	Ast			4740400-	A 1111
	31 st	1 st prize in			17101007	Aditi Dharahuai
	January-2	poster				Bhardwaj
	Feb. 2019	presentati				(BT)
		(ICABB-				
		2019) High			17801012	Ishita
		Commend			17001012	Pandey
		ation,				(BT)
		Special				
		Special Mention,				
		Dect				
		Best				
		Interjector				
		(Hindu				

	MUN,			
	ISBF MUN,			
	Hindu Memorial Debate)			
nuary-2 bruary	2 nd prize in poster presentati on on (ICABB- 2019)		-	Savita Yadav (BT)
nuary-2 bruary	3 rd prize in poster presentati on on (ICABB- 2019)		-	Aishwarya Tyagi (BT)
nuary-2 bruary	1 st prize in poster presentati on on (ICABB- 2019)		-	Ritika Kamthan (BT)
nuary-2 bruary	2 nd prize in poster presentati on on (ICABB- 2019)		-	Ritik Vaishy (BT)
nuary-2 bruary	Certificate (ICABB- 2019)		15101071	Mallika Sharma (BT)

Year (Dropdown)	Date	Name of the award/me dal	Intercolleg e (Dropdown)	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	11-2018	2 nd (FSM- 18)	Inter- college =			99151021 19	Kush Bajaj (ECE)
	11-2018	2 nd (FSM- 18)	35			99151020 93	Akshat Jain
	11-2018	2 nd (FSM- 18)				99151021 06	Rahul Joshi (ECE)
	11-2018	2 nd (FSM- 18)				99151021 70	Kartikey Tripathi (ECE)
	02-2018	Certificate (Cricket Converge)				99151021 38	Abhishek Soni (ECE)
	02-2018	Certificate (Cricket Converge)				99151021 89	Aashish (ECE)
	02-2018	Certificate (Cricket				99151021 41	Atul kumar Sharma

	Converge)			(ECE)
02-2018	Certificate		99151020	Vinayak
02 2010	(Cricket		85	Sikka
	Converge)			(ECE)
02-2018	Certificate		99151021	Pranav
02 2010	(Cricket		48	Kohl
	Converge)			(ECE)
02-2018	Certificate		99151021	Harshit
	(Cricket		68	(ECE)
	Converge)			、 ,
02-2018	Certificate		99151021	Shweta
	(Cricket		78	Sharma
	Converge)			(ECE)
02-2018	Certificate		99151021	Abhishek
	(Cricket		61	Garg
	Converge)			(ECE)
02-2018	Certificate		99151021	Aditya
	(Cricket		14	Chandwai
	Converge)			(ECE)
02-2018	Certificate		99151020	Ishant
	(Cricket		49	(ECE)
	Converge)			
02-2018	Certificate		99151020	Vishesh
	(Cricket		81	(ECE)
	Converge)	_		
02-2018	Certificate		99151020	Shekhar
	(Cricket		26	Singh
00.0040	Converge)	_	00454000	(ECE)
02-2018	Certificate		99151020	Sahil Raj
	(Cricket		28	(ECE)
02-2018	Converge) Certificate		99151021	Vinay
02-2018	(Cricket		82	Bhaswani
	Converge)		02	(ECE)
02-2018	Certificate		99151021	Dhruv
02 2010	(Cricket		00	Kohli
	Converge)			(ECE)
02-2018	3 rd (Techfe		99151020	Rishabh
	st)		09	(ECE)
02-2018	3 rd		99151021	Tanya Jain
	(Techfest)		33	(ECE)
02-2018	3 rd		99151021	Kushagra
	(Cybershri		47	(ECE)
	sti)			
02-2018	(Internatio		99151020	Shriya
	nal		59	Jain (ECE)
	coverage) 2 nd		 	
02-2018			99151021	Aditi
	(Volleyball		62	Bhatnagar
02.0040) 2 nd	F	 00454004	(ECE)
02-2018	_		99151021 46	Kartikey
	(Volleyball		40	(ECE)
03-2018	Running		99151021	Parth
00 2010	(Hackrath		22	(ECE)
2018	on) 1 st	F	99151020	Aditi
	(Dance)		90	Tripathi
	(=			(ECE)
2018	1 st		99151021	Siddharth
_	(Dance)		11	kataria
				(ECE)

	2018	1 st			99151021	Bhumika
	Jan 2018	(Dance) Cricket			66 99151020	(ECE) Anmol
	Jan 2016	match			18	(ECE)
	Fab 2018	2 nd			99151021	Yashvardh
		(Coverage)			36	an U. (ECE)
	Apr 2018	3 rd			99151020 11	Shruti Shrivastav
		(Jaypee Innovative)				a (ECE)
	Apr 2018	3 rd			99151020	Shantanu
		(Jaypee Innovative)			52	Mishra (ECE)
	Apr 2018	(Treasure			99151021	Swaroop
		Hunt)			54	Rath (ECE)
	29 Nov	1 st (sports fun meet			18101032	Ishsirjan Kaur
	2018	basketball				Chandok
		-girls)				(BT)
2019	24-02-	1 st	Inter-		16801014	Amita
	2019 25-05-	(Jhankaar) 1 st (Cricket	college = 16		99151021	Tiwari (BT) Utkarsh
	2019	coverage)			56	Tyagi (ECE)
	23-24 Feb	3 rd			15101001	Aditi Dixit (BT)
	2019	Special mention for Best Actor (Impressio ns)				
	March,201	1 st			15801014	Taru Jain
	9	(Sharda University- Street			10001014	(BT)
	23-24	play) 3 rd			15801014	Taru Jain
	Feb 2019	(Impressio ns)				(BT)
	Feb 2019	2 nd (Coverage			99151021 05	Pranav (ECE)
	15 th -17 th March 2019) 2 nd (Spectrum chromoge nic painting)			17101055	Aditi Ganguly (BT)
	15 th -17 th March	2 nd (Spectrum geo- remodellin			17101055	Aditi Ganguly (BT)

2019	g)		
20 th a	and 3 rd Paper	171010	55 Aditi
21 st A	April, presentati		Ganguly
2019			(BT)
2019	(Cybershri		
ooth	and 2 nd		
20 th a	and 2 ^m	171010	
21 st A	April, (startup		Ganguly
2019			(BT)
	desk)		
24 th F	Feb 1 st (Just	171010	13 Tushar
2019	do it)		Agarwal
	,		(BT)
Feb 2	2019 2 nd	181010	
	(Converge		singh (BT)
	inter		S
	college		
	basketball		
	tournamen		
o st	t)		
21 st A	April 2 nd (Socio-	181010	,
2019			Kadyan
	Turncoat)		(BT)
20 th F		181010	,
2019	(ramunuja		Kaur
	n		Chandok
	mathemati		(BT)
	cs debate)		· · /
13 th -	·14 th 4 th (Jmun	181010	32 Ishsirjan
Jan 2	(- · ·		Kaur
Janz			Chandok
	2 nd		(BT)
		181010	
	(Volleyball		Shishodia
	match)		(BT)

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

In order to ensure wider participation by both boys and girls, various Hubs have been constituted under different faculty incharge who themselves have the flare for the activities conducted by their respective Hubs. In addition a techno cultural fest "IMPRESSIONS" is also organized annually, over a period of two days. Many technical and cultural competitions are organized during the Fest and students from outside Institutions are also invited to participate and compete. All these activities are primarily organized by the students and overseen by the designated faculty. Focus areas of the Hubs and their activities are enumerated below. (i) µCR (ROBOTICS HUB): Workshop on Image processing, Manual robotics, embedded system Autonomous Robotics, on the spot Microcontroller Coding etc. (ii) Multi Media Hub: To promote practice Multi Media related activities that include various streams such as Gaming Development, Digital Center development etc. (iii) Radiance Hub: Activities such as Mr Ms Ebullience, Theme night etc. (iv) Parola Literary Hub: Parola Literary Hub is a place where all students of JIIT are welcome to engage in free speech, debate, and merriment. Its aim to produce competitive debaters and writers whilst ensuring membership of the society is pleasurable experience for all. (v) Jaypee Youth Placement and Jaypee Model United Nation are also held annually. Both these events evoke tremendous response from reputed institutes from NCR and outstation. Over 400 students participate in each of these events by replicating the proceedings of Parliament and United Nations and debate on current national/international issues. (vi) The Page Turner Society: It is a book club. With no restriction to the subject, book reviews, critical analysis of interesting ideas share and exchange books were organized. (vii) Ribose Hub: The aim and objective of this hub is to provide student's exposure to the upcoming technologies and to spread awareness among
students in the field of Biotechnology. Article Writing, Bio Quizzo, Poster competitions etc are held. (viii) Knuth Programming Hub: Knuth is a Programming Hub of JIIT Noida and was started in year 2011 with a vision to develop a community of coders/programmers at JIIT. Programming workshops and contests are held periodically and is very popular with the students. (ix) Kalakriti (Rangoli Hub): Rangoli competitions are organized. (x) Rachnavriti (Graphics and Animation Hub): A Hub highly committed to academic and designing excellence, offering a unique designing experience to the students to enhance their imaginative and relative aspects. (xi) Painting and Sketching Hub: Not everyone can make a living depicting their moods by way of creative endeavors, but almost everyone can pick up a brush and find a new way to convey emotions. This was the main motive behind the painting hub which organizes painting competitions on various themes and forms. (xii) Swar Sangam (Music Club): Swar Sangam, the Indian music society of the Institute is actively involved in learning Indian classical music and in encouraging maximum exposure to each of its members through active participation in competitions and events.

Total word count: 0 words. Words left: 500

5.4 – Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

○ Yes ● No (Our alumni are associated at JIIT itself. No separate association)

5.4.2 - No. of registered Alumni:

6498 (exact) alumni till 14th October, 2019 5.4.3 – Alumni contribution during the year (in Rupees):

Approx. Thirty thousands (Rs 30,000/-)

5.4.4 – Meetings/activities organized by Alumni Association:

Alumni Meet organized on **17th March 2018**

CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Apart from Statutory bodies, various committees (Academic Council, Board of Studies for all departments, Planning and Monitoring Board, Grievance Redressal Committee, NAAC Steering Committee, Research Publication Compilation Committee, Alumni Committee, CoE & Dy. CoE etc.) have been constituted to take decisions for different aspects, wherein members from Teaching and Non-teaching departments come together to take decisions collectively. Institute Academic Management Committee and Institute Administrative Committee are such highest level bodies taking most important decisions for the Institute, apart from such committees as SCST Committee, Standing Committee against Sexual Harassment, Finance Committee, Planning committee etc. The constitution of various committees can be seen on the website: http://www.jiit.ac.in/goverance.

Total word count: 0 words. Words left: 500

6.1.2 – Does the institution have a Management Information System (MIS)?

 \bigcirc Yes \bigcirc No \bigcirc Partial

6.2 - Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100	
words each):	

Strategy Type (Dropdown)	Details
1. Curriculum Development	The Institute has a well established process for design and updation of curriculum. Curriculum design or updation takes into account feedback and experience of students, faculty, alumni, industry, and experts from other institutes, requirement of competitive exams, and of professional bodies like IEEE, ACM, NASSCOM, CII, etc., as also the curriculum in vogue at nationally important Institutes like IITs, IISc, IIITs, IIMs, etc. The courses/curricula are designed at the departmental/ Institute level.
2. Teaching and Learning	All the programmes and courses are developed with clearly defined learning objectives and outcomes. All faculty members across the various Departments of Engineering discipline and Business School are sensitized and encouraged to design, develop and conduct their courses in the context of specific learning outcomes. All assessments, both continuous and end-term/ semester, in each of the programme and courses are geared to evaluate the extent to which students have been able to acquire the pre-decided learning outcomes and competencies. The course outcomes are linked with the graduate attributes and the programme outcomes.
	These attributes are adequately reflected in the programme output, i.e., job placement, global acceptance for higher studies, student performance in various competitions and feedback from stakeholders. Learning outcomes for all the academic programmes have been clearly articulated, documented and made available on the Institute website/ study material folder. The learning outcomes of each course are discussed among the faculty within the department and other Institute bodies such as BOS, Academic Council, etc., so that they are in-line with the programme outcomes. In order to make students aware of the learning outcomes of each course outline and every faculty member compulsorily mentions the learning outcomes of the course offered in the course content and schedule. All programmes are designed and delivered in a manner to develop ability to apply knowledge besides learning the concepts and theory.
3. Examination and Evaluation	The existing examination and Evaluation reforms are summarised below. The Institute has always been open to reforms in evaluation and examination process to achieve transparency, timeliness, objectivity and fairness in evaluation, student satisfaction etc. Some progressive examination related practices being followed are As presented in earlier reports too, an academic calendar is issued every year in March or April before commencement of the academic year in July. The calendar is strictly followed and changes are not permitted in it unless some unforeseen or unavoidable circumstances develop. The results of all programmes are announced on schedule as per the academic calendar.
	In addition, the grade sheets are issued to the students at the end of each semester and trimester and programme respectively. The students are invited to see their answer books of a written examination after the teacher has evaluated the answer scripts. They are free to put forward their arguments to the teacher wherever there is a disagreement. The teacher takes appropriate action as per merit of the case. Final result is prepared only after this exercise. The results and grades are discussed and moderated at the level of Department as well as institution for commonality and uniformity. Before finalizing the result, the provisional grades are displayed on the institutional notice boards and students are provided an opportunity to point out discrepancy, if any. The student is given every chance to seek redressal for any examination related

	grievances. Whenever a course is taught by more than one faculty member, all the members are involved in question paper setting, evaluation and grade calculation to maintain uniformity across batches. There is a system of question paper moderation so that the quality of question papers can be monitored and corrected if necessary. Dean A and R has issued well documented guidelines for question paper setting for both closed-book and open-book type of examinations. These guidelines give distribution of questions and type of questions to be set to emphasise higher level of learning. At the end of semester, while maintaining course file, CSE and IT dept maps all questions in all examinations paper with blooms taxonomy. Before the announcement of T1 examination, HOD ask faculty to report who want to have open book examination as then in all such courses, the controller of examination ensures the seat allocation plan favouring the conduct of such examination smoothly. Generally in a room, if a open book exam is being conducted, no other paper is schedule for the sake of effective invigilation. In All examinations, HOD and other senior professors are appointed as Flying squad members, who take round in all rooms and submit a report. This is being done in all exam time slots and in all examinations Variations in normal examination system in some subjects are permitted by VC and chairman, Academic Council on the request of
4. Research and Development	the teacher. JIIT envisions to become an institution of excellence in imparting quality teaching to empower young generation with knowledge, skills and research attitude. The Institute is continuously making efforts to improve the lab facilities for research and innovative activities including IT infrastructure. Every year, present and future needs for upgrading and creating research facilities in the emerging research areas are assessed through departmental faculty meetings and communicated to the Institute Academic Management Committee. The requirements of all departments and JBS are discussed and provision is made in the budget of the Institute accordingly. For long term requirement of infrastructure, the Planning and Monitoring Board of the Institute prepares the proposal for the Finance Committee and Board of Management BOM. On approval of BOM, year wise financial break up is included in the budget of the Institute. The Institute formulates strategies for the following to meet the needs of researchers Human resource development Addition of new research facilities Creation of new research space.
5. Library, ICT and Physical infrastructure/ Instrumentation	The Institute maintains adequate physical infrastructure for teaching- learning, research, extra-curricular activities for faculty, students, and staff through an established mechanism of resource planning and execution. Adequacy of physical infrastructure is discussed by Institute Administrative Committee from time to time. The physical infrastructure of the Institute is created as per AICTE norm with 20-30 percentage extra space for futuristic planning. The JIIT campus is spread in 25.45 Acres. The total built-up area of the Institute is 1,41,610.0 sq.mt, which includes 83 class rooms and 16 tutorial rooms, 7 seminar rooms along with 102 Laboratories. Out of 89class rooms, 66 class rooms are ICT equipped and rest are normal class rooms. Three new labs have been created in the AY 2018-19. For optimal utilization of physical infrastructure, the Institute has developed a model of resource sharing in which academic infrastructure like lecture theatres, tutorial rooms and laboratories are shared by all the departments to run their programmes. Sharing is made possible by making the timetable centrally for all the programmes. Provisions have also been made for need based use of infrastructure outside the timetable through the web-kiosk ERP software. Availability of these resources can be seen online by all faculty and staff

	for appropriate planning. LRC has been using international standard Integrated Library Management Software i.e. Liberty. Software has in- built feature for personalized OPAC for searching the resources. The Open Source Library Management Software KOHA has been operational and is being used successfully. The LRC has designed and developed dynamic Library Website by using Joomla content Management software. Information related to the LRC is uploaded on LRC website. The LRC has designed and developed Institutional Repository LRC-DRS to maintain intellectual output of the Institute by using DSpace open source software. At present, LRC has uploaded 1700 documents into the repository containing Ph.D. theses, M. Tech. dissertations, B. Tech. Project reports and faculty research papers. The details of ICT deployed in the library are briefed as follows LRC is using International Standard Integrated Library Management Software and almost all in-house activities of LRC are automated. All print resources, internet surfing, and project work. Two heavy duty printers are available for general access. 1.10 Gbps Full band width is available for general access Institutional Resource known as LRC-DRS has been developed with the help of DSpace, an open Source Software, and is available on LAN. At present 1700 documents have been uploaded into repository. LRC has subscribed to Turnitin Anti Plagiarism Software which have in- built feature of e-learning. Faculty can give assignment through Turnitin and the same can be evaluated, graded, and checked for plagiarism. LRC uses Open Source Content Management JOOMLA. JIIT is a member of INFLIBNET, UGC and DELNET. JIIT has been a member of INDEST AICTE Consortium for about 10 years.
6. Human Resource Management	The Institute has a rich pool of well qualified human resources to meet all requirements of the Curriculum. JIIT being a private unaided institution, the Board of Management has approved that the faculty be decided and enrolled based on the assessed requirements. Flexibility has been allowed to cater for additional recruitment whenever needed without any restraint on the numbers. This ensures smooth conduct of programmes, and enables the Institute to meet the requirement due to changes in curriculum and additional courses. While doing so, the norms and parameters laid down by the UGC-AICTE for faculty are observed for compliance. The Institute has a well defined system of recruitment in place to ensure that the best faculty with desired capability and qualification is inducted. For engineering and management programmes, the qualification for faculty position in the Institute is Ph.D. or M. Tech. or MBA from a reputed institution preferably with some teaching or industrial experience. For faculty in the departments like, PMSE, Mathematics, HSS and Biotechnology, the candidate with Ph.D. are recruited. The strength of faculty in the last five years has gone up from 150 to 261. Institute also employs visiting faculty. Such faculty is invited based on their experience, high degree of research knowledge or industrial experience to conduct the courses as part of curriculum. Approximately more than100 visiting faculty including those from abroad have been invited in the past to conduct various courses in engineering and management programmes. Further, the Institute has been empowered to errol adjunct faculty on its rolls. Such services were used in the past. In addition, guest lectures by eminent people from industry or academia greatly assist in enriching the contents in the advanced courses. The Institute continuously strives to improve the faculty ratio, keeping the quality and experience as a prime requirement in view. The rich quality and strength of faculty enables the Institute to launch the best of the courses
Industry interaction/	The collaborations have resulted in the establishment of following

Colloboration	specialized laboratories Centre for MEMSMicro Electro Mechanical
	System Design The Centre for MEMS design was set-up at JIIT in the ECE department in the year 2009 as part of response of institute to launch MEMS activity supported under National Programme on Micro and Smart Systems, NPMASS by the Govt. of India. The software support has been provided by Aeronautical Development Agency, ADA and has been found to be useful for UG, PG and Research students of the University. Advance Research Lab in Electronics has been established in the Department of ECE with industry collaboration, where University-Industry Interaction resulted in creation of Chip design expertise in this centre. Mentor Graphics, Sponsoring Agency has provided the software and financial support for prototyping first CMOS Chip of JIIT using a commercial foundry in Europe. The Institute has already created an entrepreneur cell named as PRAYAG, equipped with all the desired facilities, to provide an opportunity to develop an entrepreneurial skill by the students of JIIT. The Institute has proposed to create a central research facility which will be equipped with advanced experimental facilities. The innovative efforts of the students under this cell have been promoted. A joint elective course on Advanced Radio Access Network in collaboration with Ericsson India Ltd. has been initiated in the academic year 2016-17. Almost 50 students of fourth year from ECE department have been benefitted from this joint program. Two Laboratories for PG students, created in the academic year 2016-17,
9 Admission of students	PG1 and PG2 in ECE Department are functional.
8. Admission of students	The Institute carries out admissions to all its UG, PG, and Ph.D. programmes purely on the basis of merit in national level competitive examinations through a transparent and well administered mechanism. The admission related events, schedules and procedures are widely publicized through advertisements in national newspapers and magazines, educational web portals, social media, and Institute website. A candidate has the option to apply online or submit an application as a hard copy. The details of such applicants are also maintained online and displayed on the website. All the candidates are provided a unique reference number which can be used to see the status of their application online. To ensure transparency, complete details of academic programmes, seats available in each programme, admission process like meriting and counselling for the UG programmes are available on the website.
	For the admission to the programmes in CSE, IT and ECE, the candidates, shortlisted strictly on the basis of All Ranking of JEE mail Examination conducted by CBSE, are called for counselling. The admission is offered on the basis of merit and choice of programme excercised by the candidates during the counselling. For the programme of Biotechnology, 50% seats are allotted on the basis of all india rank secured by the applicants in JEE main Examination and balance 50% seats are allocated to Biology/Biotechnology based candidates as per merit drawn on marks in 10+2 examination.
	Admissions to M.Tech. programmes are made on the basis of merit drawn on the valid GATE score for the students who fulfill the minimum eligibility criteria or based on merit of the entrance test conducted by the Institute for admissions in M.Tech. programmes.
	For the admission to MBA programme, the candidates are shortlisted on the basis of percentile in their CAT/XAT/MAT/CMAT/GMAT examinations. The shortlisted candidates are invited for the written test for communication skills and group discussion followed by the interview conducted by the Institute.
	The admissions to Ph.D. programmes are made through an All India Entrance Test conducted by the Instotutein accordance with the UGC instructions as per the guidline of the 2009 on the subject. Candidates

followed by an merit is drawn components. T examinations CSI/UGC/DST	inimum criteria, are required to appear in the written test interview conducted by the Institute. Thereafter, overall based on the performance of the candidates in these the candidates who qualified NET/SLET or equivalent and recipients of the Gov. fellowship like from etc.are allowed to appear in the interview directly. The is based on the recommendations of the selection e institute.
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6.2.2 - Implementation of e-governance in areas of operations:

E-governace area (Dropdown)	Details
1. Planning and	JIIT uses ERP system for e-Governance. Information on admission,
Development	courses, faculty, timetable, academic calendar is available on
	institute web site. For teaching-learning Study material folder is
	maintained. Web kiosk maintains student information.
2. Administration	Webkiosk maintains records and information required for
	administration purpose online like Leaves, Desk calculations,
	information about students, performance records, selection,
	recruitment of staff, Complaints, Forms submission Labs
	administration.
Finance and Accounts	All the account operations starting from transaction entry to
	preparation of balance sheets including externally funded projects
	are maintained through ERP software
Student admission and	ERP system Handles applications for admissions in UG/PG/Ph.D.
support	programs and admission process for UG/PG/Ph.D. programs, fee
	management, enrolment allocation and registration of students.
5. Examination	Web kiosk maintains attendance, time table schedule, exam
	schedule and seating plan as per enrolment number, invigilation
	duties, marks entry and results preparation.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year (Dropdown)	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Ms. Neetu Sardana	To present her paper in "International Conference on Computational Intelligence and Data Science (ISSIDS 2018)"	The NorthCap University, Gurugram	9,000
2019	AKANKSHA MEHNDIRATTA	ICICCT-2019 Conference	Jagan Institue delhi	6900
2019	PIL DEV TYAGI	NFERENCE AT AMITY UNIVERSITY BEDFORD, UK	ity University Bedford, UK	28000
2018	Ms. Neetu Sardana	"International Conference on Computational Intelligence and Data Science (ISSIDS 2018)"	The NorthCap University, Gurugram	9000
2018	Dr. Tribhuwan Kumar Tewari	To attend "WIPRO TALENTNEST" Programme	Wipro Campus, Bangalore	17099
2018	Mr. Mahendra Kumar Gurve	To attend "WIPRO TALENTNEST" Programme	Wipro Campus, Bangalore	17099
2018	Dr. Sangeeta Mittal	To attend "WIPRO TALENTNEST"	Wipro Campus,	17099

		Programme	Bangalore	
2018	Dr. Devpriya Soni	To attend "WIPRO TALENTNEST" Programme	Wipro Campus, Bangalore	17099
2018	Dr Chetna dabas	"5th International Conference on Emerging Research in Computing, Information, Communication and Applications - ERCICA - 2018"	NITTE, Bangalore	17500
2018	Dr. Ravinder Ahuja	"8th International Conference on Advances in Computing & Communication - 2018"	Rajagiri School of Engineering & Technology, Kochi, India	2000
2018	Dr. Gagandeep Kaur	"7th International Conference on Advances in Computing & Communication and Informatics: ICACCI- 2018"	PES Institute of Technology, Bangalore, India	12200
2018	Ms. Priyanka Kwatra	"International Conference on Computing, Power and Communication Technologies: GUCON - 2018"	Galgotias College of Engineering & Technology Greater Noida U.P.(India)	8500
2018	Dr. Satyendra Kumar	"IEEE International Conference on Advances in Computing, Communication Control and Networking (ICACCN - 2018)"	Galgotias College of Engineering & Technology Greater Noida U.P.(India).	8000
2018	Mr. Raghvendra Kumar Singh	"IEEE International Conference on Advances in Computing, Communication Control and Networking (ICACCN - 2018)"	Galgotias College of Engineering and Technology, Grater Noida	6000
2018	Ms. Mukta Goyal	"5th IEEE Uttar Pradesh International Conference on Electrical, Electronics and Computer Engineering (UPCON - 2018)"	Madan Mohan Malviya university of Technology, Gorakhpur	7600
2018	Ms. K. Rajalakshmi	"5th IEEE Uttar Pradesh International Conference on Electrical, Electronics and Computer Engineering (UPCON - 2018)"	Madan Mohan Malaviya University of Technology (MMMUT), Gorakhpur (Uttar Pradesh), India	6000
2018	Ms. Juhi	"5th IEEE Uttar Pradesh International Conference on Electrical, Electronics and Computer Engineering (UPCON - 2018)"	MMMUT Gorakhpur, UP	1500
2018	Dr. Vijay khare	"4th International Conference on Next Generation Computing Technologies: (NGCT - 2018)"	University Of Petroleum And Energy Studies, Dehradun	7800

2018	Dr. Pulkit	"4th International Conference on Next	UPES	3000
	Mehndiratta	Generation Computing Technologies: (NGCT - 2018)"	Dehradun.	
2018	Mr. Abhay Kumar	"4th International Microwave & RF Conference (IMARC - IEEE - 2018)"	IEEE Microwave Theory and Techniques Society, in association with Jadavpur University Kolkata, Kolkata India	8000
2018	Ms. Juhi	"2nd International Conference on Communication & Computing Systems (ICCCS - 2018)"	Dronacharya College of Engineering, Gurugram	6000
2018	Dr. Pankaj Kumar Srivastava	"3rd International Conference on Mathematical Techniques in Engineering Applications: (ICMTEA - 2018)"	GRAPHIC ERA UNIVERSITY, DEHRADUN	10030
2018	Dr. Dinesh C. S. Bisht	"3rd International Conference on Mathematical Techniques in Engineering Applications: (ICMTEA - 2018)"	GRAPHIC ERA UNIVERSITY, DEHRADUN	10000
2018	Dr. Gaurav Kumar Nigam	"International Conference on Intelligent Computing: Techniques for Smart Energy Systems: (ICTSES - 2018)"	Manipal University, Jaipu	7500
2018	Mr. Ashish Kumar Tripathi	"4th International Conference on Computers and Management (ICCM - 2018)"	G.B Pant government engineering college Delhi	8500
2019	Ms. Ruby Beniwal	"International Conference i.e. SOLARIS 2019 " Renewable and Sustainable Climate"	Jamia Millia Islamia, New Delhi and Bag Energy Research Society, Varanasi.	5000
2019	Dr. Atul Kumar	"International Conference on Signal Processing and Integrated Networks : SPIN - 2019"	Jalandhar, Punjab	10000
2019	Mr. Himanshu Agrawal	"International Workshop on Next Generation Wireless Networks"	IIIT - DELHI	1770
2019	Dr. Ruchi Gautam	'International Conference on Global Health and Medical Tourism"	IIM Kozhikode	14607
2019	Ms. Sakshi Agarwal	International Conference on Innovative Computing and Communications - (ICICC-2019)"	TU, Ostrava,Czech Republic	10689
2019	Dr Chetna dabas	ICACDS 2019 : International Conference on Advances in Computing and Data Sciences	Indraprastha Engineering College, Ghaziabad	10000

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development	Title of the	From date	To Date	Number of	Number of
(Dropdown)	programme organised for teaching	administrati			participants	participants
	staff	ve training			(Teaching	(non-
		programme			staff)	teaching
		organised			-	staff)
		for non-				

		teaching staff				
2018	Entrepreneurship Skills Workshop	-	21.8.18	21.8.18	40	0
2018	Three-Day Workshop on Methods, Techniques and Analysis of Qualitative Research	-	6.9.18	8.9.18	48	0
2018	Workshop on Design and Simulation of Microwave Devices and Circuits	-	7.9.18	8.9.18	50	0
2018	Physics in Colonial India through the lens of Satyendranath Bose, MeghnadSaha and C.V. Raman	-	18.12.18	18.12.18	35	0
2018	One-Day Seminar on Life and Works of Prof. M. N. Saha and Prof. S. N. Bose	-	15.9.18	15.9.18	250	0
2018	International Conference on Translation across Cultures: Dissolving Boundaries - Creating Harmony	-	4.10.18	6.10.18	85	0
2018	Workshop on "Hands-on to Computational Biology for Genomic and Metagenomic Analysis"	-	13.11.18	13.11.18	29	0
2018	Workshop on Photonic Design and Simulation Using Optisystem	-	13.11.18	13.11.18	21	0
2018	National Workshop on Data Science and Visualization Tools	-	15.11.18	17.11.18	60	0
2018	Workshop on Current Aspects of Research Evaluation and Plagiarism	-	30.11.18	1.12.18	68	0
2018	Three Days Workshop on Big Data Systems, Tools and Applications	-	17.12.18	19.12.18	48	0
2018	AI and IoT: Lead the Age of Sensor Technology	-	17.12.18	18.12.18	35	0
2018	3 Day National Symposium On "Intelligent Systems Techniques and its Research Applications"	-	20.12.18	22.12.18	40	0
2019	3rd International conference on Recent Advances in Mathematical Sciences and its Applications (RAMSA-2019)	-	17.1.19	19.1.19	90	0
2019	International Conference on Photonics, Metamaterials and Plasmonics (PMP- 2019)	-	14.2.19	16.2.19	141	0
2019	Recent Trends in Nanotechnology: Devices and Materials Perspective	-	15.2.19	16.2.19	59	0
2019	International Conference on Signal Processing and Communication (ICSC 2019)	-	7.3.19	9.3.19	145	0
2019	IoT Systems, Tools and Applications	-	15.3.19	16.3.19	50	0
2019	Workshop on Emerging Computational Methods for Science and Engineering Applications	-	15.3.19	16.3.19	80	0
2019	COMPUTATIONAL METHODS FOR MEDICAL IMAGE ANALYSIS	-	18.4.19	20.4.19	32	0
2019	National Workshop on Computational Intelligence (NWCI-2019)	-	26.4.19	27.4.19	50	0
2019	A. C. Banerji Memorial AwardLecture and NASI-Buti Foundation Award Lecture	-	3.5.19	3.5.19	250	0
2019	FDP on Advances in Network Modeling and Optimization Techniques (ANMOT-2019)	-	3.6.19	8.6.19	44	0
2019	Summer School on Intelligent Internet of Things	-	24.6.19	6.7.19	36	0

2019	Robotics and AI	-	24.6.19	28.6.19	29	0
2018	Efficient Realizations of CNOT gates in	-	17.12.18	17.12.18	25	0
	IBM's Quantum Computers					
2018	JIIT Student Conference on Optics and	-	2.11.18	3.11.18	204	0
	Photonics-2018 (JSCOP'18)					
2018	DESIGN THINKING AND	-	24.7.18	24.7.18	120	0
	TRANSVERSAL THINKING					
2018	Seminar "Prudent Financial Planning -	-	20.11.18	20.11.18	60	0
	Need of the hour"					
2018	Leadership Workshop by Prof. Michael	-	19.7.18	22.7.18	68	0
	Leslie from University of Florida					
2019	How to do well in Personal Interview	-	29.4.19	29.4.19	35	0
2019	How to do well in Group Discussions	-	15.4.19	15.4.19	35	0
2018	Social Entrepreneurship Workshop	-	9.7.18	14.7.18	48	0
2018	Guest Lecture on ERP (ENTERPRISE	-	4.8.18	4.8.18	67	0
	RESOURCES PLANNING)					
2018	Guest Lecture - Employability Skills	-	6.10.18	6.10.18	40	0
	Workshop				_	
2018	Guest Lecture - "The Digital	-	8.8.18	8.8.18	65	0
	Disruption"					-
2019	Guest lecture "Help students in	-	19.1.19	19.1.19	60	0
	understanding application of various					-
	classroom teaching into real world and					
	also about various practical					
	challenges"					
2019	eractive Session with Mr. Arvind Bhatia -	-	31.1.19	3.1.19	60	0
	General Manager, ACE-Equity on					-
	Using Financial Databases					
2018	Re-Imagining Computing: Engineering,	-	4.7.18	10.7.18	32	0
	Research, and Education					
2018	2018 Eleventh International	-	2.8.18	4.8.18	170	0
	Conference on Contemporary					
	Computing (IC3)					
2018	"Importance of the intestinal microflora	-	27.11.18	27.11.18	70	0
	and Role of probiotics in maintaining					
	good health"					
2018	"Advanced Spectroscopy solutions	-	15.11.18	15.11.18	30	0
	from Cole-Parmer"					
2018	"BIG opportunities for Biopreneurs"	-	19.7.18	19.7.18	60	0
2018	Creating and Searching Values in	-	19.4.19	19.4.19	90	0
	Potential Bioresources using Nano-bio-					
	information Technology for					
	Applications in Agri-Food-Nutrition					
	Sector					
2018	Faculty Development Programme on	-	9.7.18	14.7.18	27	0
	Innovative Teaching and Research					
2019	Cognizant FDP on IOT and Embedded	-	13.2.19	13.2.19	18	0
	Device Security					
2019	Competency Development Programme	_	17.6.19	22.6.19	27	0
2013						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of	From Date	To date	Duration
	teachers			
	who			
	attended			

		1		1
Faculty Development Program on Genomics & Human Health	All Biotech faculty	2.7.18	7.7.18	6
Seminar on "BIG opportunities for Biopreneurs"	All Biotech faculty	19-7-18	19-7-18	1
Workshop on "Hands-on to Computational Biology for Genomic and Meta genomic Analysis"	All Biotech faculty	13-11-18	13-11- 18	1
Seminar on "Advanced Spectroscopy solutions from Cole-	All Biotech faculty	15-11-18	15-11- 18	1
Parmer"				
Seminar on "Importance of the intestinal microflora	All Biotech	27-11-18	27-11-	1
and Role of probiotics in maintaining good health"	faculty		18	
International Conference on Advances in Biosciences and Biotechnology - ICABB-2019	All Biotech faculty	31.1.19	2.2.19	3
Seminar on "Creating and Searching Values in Potential Bioresources using Nano-bio-information Technology for Applications in Agri-Food-Nutrition Sector	All Biotech faculty	19-4-19	19-4-19	1
Workshop on Computational Methods for Medical Image Analysis	3	18-4-19	20-4-19	3
Workshop on Big Data Systems, Tools, Applications	4	17-12-18	19-12-18	3
Data Science and Visualization Tools	4	15-11-18	17-11-18	3
FDP on Genomics and Human Health	1	4-7-18	7-7-18	4
Seminar on "Life and works of Prof. M. N. Saha and Prof. S. N. Bose	1	15-9-18	15-9-18	1
One Day Workshop: Hand-on to Computational Biology for Genomic and Metagenomic Analysis	1	12-11-18	12-11-18	1
National Symposium on "Intelligent Systems – Techniques and Research Applications	3	20-12-18	22-12-18	3
Faculty Development Programme on "Data Science in the Digital Era	2	9-7-18	14-7-18	
International Conference on Contemporary Computing	110	2-8-18	4-8-18	
Workshop on Qualitative Research Techniques	1	6-9-18	8-9-18	
Workshop on Current Aspects of Research Evaluation and Plagiarism	2	30-11-18	1-12-18	
National Workshop on Data Science and Visualization Tools	1	15-11-18	17-11-18	
Workshop on AI and IoT: Lead the Age of Sensor Technology	1	17-12-18	18-12-18	
Workshop on AI for Computational Social Systems	1	2-2-19	2-2-19	
Workshop on Emerging Computational Methods for Science and Engineering Applications	1	15-3-19	16-3-19	2
FDP on Advances in Network Modeling and Optimization Techniques (ANMOT-2019)	1	3-6-19	8-6-19	
Workshop on Scilab	1	4-5-19	4-5-19	1
Workshop on Computational Intelligence (NWCI 2019)	2	26-4-19	27-4-19	2
Workshop on Data Science and Visualization Tools	1	15-11-18	17-11-18	3
Workshop on Computational Intelligence (NWCI 2019)	2	26-4-19	27-4-19	2
QIP/CEP Short Term Course on Brain Science and Technology: Tools and Techniques to understand the Human Brain	1	02-3-19	6-3-19	5
workshop on Computational Methods for Medical	1	18-4-19	20-4-19	

Image Analysis				
One week Brain Science and Technology workshop	1	1-3-19	5-3-19	5
Data Science in the Digital Era	1	9-7-18	14-7-18	-
3rd International Conference on Advances in Computing and Data Sciences (ICACDS 2019)	1	12-4-19	13-4-19	
International Conference on Translation Across Cultures: Dissolving Boundaries- Creating Harmony	1	4-10-18	6-10-18	3
National Workshop on Data Science and Visualization Tools	1	15-11-18	17-11-18	3
workshop on Current Aspects of Research Evaluation and Plagiarism	1	30-11-18	1-12-18	2
workshop on "Outcome base Education	1	18-9-18.	19-9-18	2
Faculty Development Programme on Innovative Teaching and Research	All HSS Faculty	09-7-18	14-7-18	
Workshop on Methods, Tools and Techniques in Qualitative Research	All HSS Faculty	6-8-18.	8-9-18	3
International Conference on Translation Across Culture	All HSS Faculty	4-10-18	6-10-18	
rkshop on Management Research in the Indian Context: Opportunities and Challenge	1	4-1-19	6-1-19	3
^h National Management Convention: Leadership in the Age of Disruption –India @ 2030 –Creating a USD 10 trillion economy	2	26-9-18	27-9-18	2
/IA's 5th National Leadership Conclave and 10th Managing India Awards	2	8-4-19	9-4-19	2
rkshop on Current Aspects of Research Evaluation and Plagiarism	1	30-11-18	1-12-18	2
ach connect event "Joy of Giving" organized by ICF Delhi NCR Chapter	1	24-11-18	24-11-18	1
ach connect event "The State and Future of Coaching"	1	29-1-19	29-1-19	1
ach connect event "Coaching with Indian Classical Music – a distinctive practice"	1	23-2-19	23-2-19	1
ach connect on "Prism Awards & Difficult Conversations – Book Review"	1	30-3-19	30-3-19	1
ach connect on "Connecting Mind, Body and Soul"	1	4-5-19	4-5-19	1
ach connect on "Learning from interesting Organizational Transformations"	1	29-6-19	29-6-19	1
ernational Conference on Sustainable Development and Social Innovation in Business	1	25-2-19	26-2-19	2
nference on Mathematical Science and Development	1	22-12-18	24-12-18	3
ort Term Course organised by Dept. of Mathematics, MNIT Jaipur	1	25-12-18	26-12-18	2
rkshop "Advanced Computational Techniques for Differential Equations with MATLAB"	1	19-12-18	20-9-18	2
rkshop "Modeling, Optimization and Computing for Engineering Problems: Using of Technical Hindi Terminology"	1	14-10-18	14-10-18	1
P STC held at IIT Roorkee	1	4-6-19	7-6-19	1
AISSQ 2018: Conference on "Mathematics and Reality"	1	7-10-18	8-10-18	1
13 th Uttarakhand State Science and Technology Congress (USSTC) 2018-19	1	26-2-19	28-2-19	1
National Conference on Information Technology,	1	26 -7-18	27-7-18	1
	· ·			1

	1	1	1	
Electronics and Management (NCITEM-2018)			0.0.10	
One Week STTP on Mathematical Modelling and Simulation	1	6-6-19	6-6-19	1
one week national workshop on "Development of Soft Skills (MATLAB, LATEX & MATHEMATICA)"	1	25- 3-19	29-3-19	5
two day seminar on "Nanotechnology: Opportunities and Challenges"	1	6-7-18	7-7-17	2
International Conference on Mathematical	2	7-12-18	8-12-18	2
Techniques in Engineering Applications				
Quantum 2019	1	26-5-19	1-6-19	7
Summer School in Optics and Photonics (SOAP) 2018	1	27-7-18	27-7-18	1
Quantum Communication and Quantum Computing, ANURAG	1	27-8-18	27-8-18	1
National Workshop on Quantum Computing and Communication Technologies (NWQCCT)	1	5-10-18	5-10-18	1
2-day Seminar to Celebrate 125th Birth Anniversary of Professor Meghnad Saha	1	6-10-18	7-10-18	1
National Workshop on Quantum Information and Information Security 2018	1	10-10-18	10-10-18	1
Conference on Quantum Physics, Brain Function in Modern Science & Buddhist Philosophy,	1	1-12-18	2-12-18	1
Meeting on Quantum Information Processing and Applications (QIPA-18),	1	2-12-18	8-12-18	7
Photonics-18	1	13-12-18	13-12-18	1
International Conference on Physics, Society and Technology (ICPST 2019)	1	17-19 January, 2019.	19-1-19	3
Delivered a Plenary talk on "A journey from classical reversible gates to recently developed quantum computers", at ST Microelectronics, Noida,	1	23-1-19	23-1-19	1
CEP course on Methods for Analysis of Cryptoalgorithms, Scientific Analysis Group (SAG), New Delhi,	1	4-2-19	8-2-19	5
2-day School on Quantum Mechanics: Basic Concepts & Applications	1	16-2-19	17-2-19	2
Seminar on Quantum technology, Quantum computing and Cryptography	1	25-2-19	25-2-19	1
Summer School on Quantum Information and Quantum Technology,	1	14-6-19	14-6-19	1
Conducted a 4-day training program on Quantum Science and Technology for the DRDO scientists	1	4-6-19	7-6-19	4
and personnel of tri-forces and delivered 10 invited lectures, ANURAG, Hyderabad.				
ernational Conference on Advanced Materials (ICAM- 2019)	1	6-3-19	7-3-19	2
ernational Conference on Advanced Materials, energy & Environmental Sustainability (ICAMEES-2018)	1	14-12-18	15-12-18	2
tional Conference ITRI	1	15-11-18	16-11-18	2

6.3.4 - Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-Teaching		
Permanent	Full Time	Permanent	Full Time	

32	32	22	22

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Institute provides study leave, sabbatical leave, paid leaves, partial financial support for research, medical facilities, medical insurance, EPF, gratuity, LTA, allowances	Institute provides paid Maternity leave, paid leave, medical facilities, medical insurance, EPF, gratuity, LTA, allowance	Dean A and R , Dean RID, Dean Student Welfare, HODs, faculties, registry and wardens are actively involved with students in academic activities, mentoring, guidance, hub and extra curricular activities and their Overall well being, medical/accidental insurance, dispensary with 24 hr Doctor availability

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

In the opinion of the Statutory Auditors, adequate internal financial controls are implemented and maintained for ensuring the accuracy and completeness of the accounting records and the accounts reflect a true & fair view of the state of affairs of the Institute and there is no non- compliance found in the Balance Sheet & Income & Expenditure Account as regards applicable accounting Standards since its incorporation in 2004.

The Institute has also appointed Internal Auditors to examine and evaluate its activities to control the functions by examining and evaluating the adequacy and effectiveness of policies and norms of educational institute. The Internal Auditors also ensure the implementation of generally accepted accounting policies. The report of internal audit is reviewed & approved by the Finance Committee of the Institute from time to time.

Total word count: 0 words. Words left: 100

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NA	NA	NA

6.4.3 – Total corpus fund generated

15 Crore

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	○ Yes ○ No		● Yes 〇 No	IQAC
Administrative	○ Yes ○ No		● Yes ○ No	IQAC

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

NA

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

Teacher Association Parent-Teacher Association does not yet exist but the interaction of faculty with parents is always open in-person or through telephone.

6.5.4 – Development programmes for support staff (at least three)

On-job training by experienced staff is given.

6.5.5 – Post Accreditation initiative(s) (mention at least three)

IQAC looks into the implementation of recommendations provided by IQAC Sub-committees. Audit of Teaching / Non Teaching Departments has been done every year. Institute Administrative Committee looks into overall functioning of the Institute.

(i) Revision of curriculum (ii) Replacement of old PCs and upgradation of softwares, addition of two computer labs and (iii) Increase in Research activities by strengthening other resources like increase in intake of research students for Ph.D.s

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	● Yes ○ No
b)Participation in NIRF	● Yes ○ No
c)ISO certification	O Yes ♥ No
d)NBA or any other quality audit	● Yes ○ No

6.5.7 – Number of Quality Initiatives undertaken during the year

Year (Dropdown)	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Discussing the issues pertaining to Non-teaching Staff	25.7.18	4:00 PM	5:00 PM	33
2018	Meeting with IQAC Sub- committee conveners and Audit committee members	6.9.18	11:00 AM	1:00 PM	27
2019	Meeting with Non Teaching Heads and Auditors of Non Teaching Departments	10.9.18	11:45 AM	1:45 PM	19
2018	Meeting of IQAC Convener and IQAC Secretary with students	10.10.18	4:00 PM	5:00 PM	53
2018	Meeting with faculty members of Sector 128	28.11.18	4:30 PM	5:30 PM	38
2019	Meeting with Auditors off Administration department with Head of Administration department and Administration Manager	22.1.19	3:00 PM	4:00 PM	7

2019	Meeting of IQAC Convener and IQAC Secretary with Head of Maintenance Department and Members of Maintenance and Administrative department	2.2.19	12:00 Noon	1:30 PM	8
2019	Meeting with IQAC Convener and IQAC Secretary with Institute's Administrative Committee	18.2.19	3:30 PM	5:30 PM	16
2019	Meeting with IQAC Convener and IQAC Secretary with Institute's Administrative Committee	19.2.19	2:30 PM	4:30 PM	18
2019	Meeting with IQAC Sub- committee for discussion on IQAR Report	9.4.19	4:00 PM	5:30 PM	9
2019	Meeting with of IQAC Convener and IQAC Secretary with faculty members of Sector 128	17.5.19	1:20 PM	2:20 PM	62

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme (dropdown)	Period from	Period To	Participants	5
			Male	Female
B. Tech.				
Ran Course on Gender Studies	4 th January 2019	14 th May 2019	50	28
Ran Course on Sociology of Media	04 th Januar y 2019	14 th May 2019	96	63
Ran course on Human Rights and Social Justice	18 th July 2018	1 st Dece mber 2018	60	14
Ran Course on Literature	04 th Januar y 2019	14 th May 2019	93	62
Youth Marathon to Support Girl Child and Spread Awareness	02-02- 2019	02-02- 2019	150	100
Nukkad natak for delivering various messages like educating girl child and Beti Bachao Beti Padao	10-07- 2019	16-07- 2019	21(Stude nts + Faculty)	7(Studen ts + Faculty)
			200 Male(Villa gers)	110 Female (Villagers)
M. Tech.				
MBA				
Ph. D.				

7.1.2 - Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

0.96% of power met by renewable energy sources

7.1.3 - Differently abled (Divyangjan) friendliness

Item fascilities (dropdown)	Yes/No	Number of beneficiaries
		Denenciaries
1. Physical facilities	Yes O No	5
2. Provision for lift	• Yes O No	5
3. Ramp Rails	• Yes O No	5
4. Braille software/facilities	O Yes ● No	
5. Rest rooms	• Yes O No	5
6. Scribes for examination	• Yes O No	2
 Special skills development for differently able students 	O Yes ● No	
8. Any other similar facility	O Yes ● No	

7.1.4 – Inclusion and Situatedness

Year (Dropd own)	Number of initiatives to address locational advantages and disadvantag es	Number of initiatives taken to engage with and contribute to local community	Date	Durati on	Name of initiative	Issues addressed (Only 40 words are taken in each block)	Number of participatin g students and staff
2018	2	1 - Visit to Andhvidyalaya	23-Nov-18	4 hours	Interaction with visually challenged children	Understanding the challenges faced, interacting to know their special abilities and providing an environment to generate mutual awareness	10
2018	1	14	21-Aug-18	1 Day	Donation Drive	Students led a dedicated drive by collecting clothes, food items, money for helping the Kerala flood affected people.	1000
2018	1	1	01-Nov-18	1 Day	Cracker Free Diwali	Students led campaign for cracker-free Diwali by expressing the hazards of crackers and got signatures from people in the campus.	500
2018	1	4	24-Nov-18	1 Day	Cloth Donation	Students did a donation drive and collected clothes for the poor and needy people to give them warmth for the coming winter season.	100
2019	1	1	19-Jan-19	1 Day	Visit to Orphanage	35 students of NSS unit from JIIT Sector-62, visited an orphanage managed by Seva India Group Ltd to do a need analysis of the children and understand their requirements. The activity also aimed at spending quality time with the orphans.	35

2019	1	1	19-Feb-19	1 Day	Drug Free India Campaign	75 students of NSS unit from JIIT Sector-62, attended the live streaming of the launching of the Drug free India campaign led by 'Art of Living' Foundation in collaboration with All India Council of Technical Education held at Hissar, Haryana. The campaign was launched with an aim to make India drug free and eradicate substance abuse that is plaguing the nation. The main aim of this meeting was to analyse the problem of drug abuse in the college campus and create awareness for the same.	75
2019	1	1	23-Feb-19	1 Day	Vegan Awareness	35 students of NSS unit from JIIT Sector-62, participated in a Vegan awareness camp to create awareness about being vegan and the health benefits of the same. It also aimed at instilling sympathy among students for animals that are brutally treated for milk, and other products.	35
2019	1	1	23-Feb-19	1 Day	Walkathon	The main aim of the walkathon was to create awareness about the National Service Scheme and its activities and hallmark its energy and vivacity.	35
2019	1	1	27-Feb-19	1 Day	Meditation Session	Meditation Workshop was conducted by Yogoda Satsang Society of India for	75

						NSS volunteers and other interested people.	
2019	1	1	02-Mar-19	1 Day	Educating Slum Children	Group of 15 students taught orphans in a nearby slum.	15
2019	1	1	03-Mar-19	1 Day	Educating Slum Children	Group of 15 students taught orphans in a nearby slum.	15
2019	1	1	09-Mar-19	1 Day	Women's Day Celebration	35 students of NSS unit from JIIT Sector-62, visited an orphanage managed by Seva India Group Ltd on the occasion of women's day special. The activity also aimed at spending quality time with the mothers of those children.	35
2019	1	1	10-Mar-19	1 Day	Instilling Creativity in slum children	Group of 8 students made visit in a slum to instil creativity among the children. They did activities such as art and craft and dance with the children.	8
2019	1	1	16-Mar-19	1 Day	Consumer Rights Day	Group of 8 students made visit in a slum to educate the slum children and their parents about their rights as consumers. It also included information on digital rights.	8
2019	1	1	27-Apr-19	1 Day	Educating Slum Children	Group of 10 students taught orphans in a nearby slum. They essentially gave them lessons on digital aspects. They showed them how to browse internet and do variety of things on the laptop.	15
2018	Approx. 50 times	Approx. 50 times	Twice a week(1 st August, 2018	2.5 hrs hrs	Education Drive	To educate children and teach them basic subjects like Computers, Hindi,	100

			onwards)			English, Mathematics, and Science	
2019	1	1	15-03-2019	3 hrs	Holi Celebration and Distribution of Clothes, Shoes and Stationary to the needy kids	To familiarize more with the underprivileged kids and distribute them needy things	100
2019	1	1	25-04-2019	3 hrs	Awareness about Sarva Shikhsha Abhiyan	To create awareness among the villagers about education and government's Sarva Shiksha Abhiyaan.	20
2019	1	1	10-07-2019	8 hrs	Survey of Village Asgarpur schools as well as entire village	To survey for the people in the village Asgarpur sector 128 who don't have aadhaar card, Ration card, who don't have toilets at their home etc.	28
2019	1	1	11-07-2019	8 hrs	Cleanliness drive under Swachch Bharat Mission	To clean Roads, village areas, school and also clean mud and stagnant water infront of schools	28
2019	1	1	14-07-2019	8 hrs	Awareness of different Govt. Scheme to villagers and Download, updating and help them in preparation of aadhaar (Asgarpur Village)	To aware villagers about Ayushmaan Bharat Yojna, Sukanya Samriddhi Yojna , Atal Pension Yojna etc and to help villagers to download their aadhaar card, updating and prepare a fresh aadhaar card	28

2019	1	1	15-07-2019	8 hrs	Visited Vikas Vishranti, Apna school NGO(Organi sed Drawing competition, sports activities, Plantation and Distribution of gifts, Fruits and snacks)	To get more familiarize with them and help them in solving the issues they are facing	28
2019	1	1	16-07-2019	8 hrs	Talent show for underprivileg ed Kids	To help underprivileged kids to showcase their talent and promote them	28
2019	1	1	17-07-2019	Ongoi ng	Created employment for skilled women	Provided Stitching opportunity to underprivileged women to generate employment	
2019	1	1	11-08-2019	8 hrs	Grains Distribution to the needy people at different slum cluster in Noida and dadri	To feed the hungry citizen	10
2019	1	1	13-08-2019	4 hrs	Survey of the people for grains distribution who are staying in village Asgarpur and who are below the poverty line	To feed the hungry citizen	20

2019	1	1	14-08-2019	4 hrs	Distributed grains at village Asgarpur	To feed the hungry citizen	20
2019	1	1	15-08-2019	8 hrs	Food Distribution in slum areas of Noida	To feed the hungry citizen	20
2019	1	1	27-08-2019	3 hrs	Meeting with Authorities at Jan Suvidha Kendra to prepare aadhaar card and ration card for villagers	To enquire about the process of enrolment in various government schemes and procedure to be followed to make an aadhaar card and documents required for the same, 5 students along with a faculty member visited the Jan Suvidha Kendra.	10

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Important Academic rules and Procedures	10.07.2018	Human values and professional ethics have been very well developed by the Institute. Apart from imparting quality education, high ethical values are nurtured among the faculty and students fraternity. For this, standing orders for the students and faculty have been constituted and uploaded on website. The plagiarism policy has strictly been followed as per the Gadget notification of UGC. A anti-plagiarism software is made available with LRC to enhance quality of dissertations/ ph.D.thesis/ research publication. Ethical values are being created among the students which not only help the students to be confident but also create a learning atmosphere. Ethical system in the Institute also inculcates the culture among

the faculty to hold the responsibility of doing their duties to the utmost care. Academic system has been established to conduct the classes and labs as per the curriculum of each programme. Institutional committees
are functional to monitor the code of conduct for various stakeholders.

7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Hult Prize: THE Hult Prize is the world's largest program in association with the United Nations and is the world's largest student's social entrepreneurship award. Students were asked to come up with ideas for start-ups focusing on eco-friendly products.	17/11/2018	17/11/2018	40 (10 teams of 3-4 students each)
Handle Waste Differently & Go Green" - interactive session with Ms. Sudha Kumari, of start-up Wasteroots, 150th birth anniversary of Mahatma Gandhi, and Swachha Bharat Mission	5 Oct, 2018	5 Oct, 2018	60
Talk on Art of Living by Mr. Rahul Joshi	21-07-2018	21-07- 2018	1000
Talk on Human Values by Ms. Sandra	26-07-2018	26-07- 2018	1000
Talk on Motivation by Mr. Naveen Gulia	23-07-2018	23-07- 2018	1000
Talk on Soft Skills by Ms. Manju Rai	25-07-2018	25-07- 2018	1000
Talk on Ethics in writing and using Open Source by Prof Madhulika Kaushik	11-07-2018	11-07- 2018	50
Talk on Culture, Universal Harmony and the 'Mending Wall' Syndrome by Prof. Nibir Ghosh	4-10-2018	4-10-2018	100
Talk on Collaboration and Working together by Prof. Che-Jen Su from Fu Jen Catholic University, New Taipei City, Taiwan	23-01-2019	23-01- 2019	10
Talk on Effects of Technology on Mind energy by Mr Vishal Mandot	24-01-2018	24-01- 2018	100
Talk on Ethics in Research Paper Writing	19-01-2018	20-01- 2018	50
Talk on Role of Literature and Theatre in creating Gender Sensitivity	19-01-2018		50
Course on Life Skills	Jan 2019	June 2019	3
Course on Ethics and Corporate Governance	July 2018	December 2018	134
Blood Donation CAMP	15-11-2018	15-11- 2018	100

Awareness Program about animal cruelness by Vegan Outreach	09-02-2019	09-02- 2019	60
Plantation Drive	21-02-2019	21-02- 2019	40
Awareness Program About Blood Donation	12-03-2019	12-03- 2019	100
Blood Donation Camp, Kavi Sammelan And Exhibition Of Ancient Documents	14-03-2019	14-03- 2019	100
NSS Camp	10-07-2019	16-07- 2019	28

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five points and only 500 words)

1. Initiative(s) toward economic use of Electricity

A dedicated Maintenance department at JIIT with skilled manpower ensure prompt action to resolve any short complaint regarding electricity, water leakage, air-conditioning system etc in any part of the campus. The key attribute of the campus toward this initiative are:

- <u>Energy Efficient Building Architecture</u>: The architecture of the buildings has been designed to ensure maximum sunlight and ventilation on all floors thereby reducing demand of electricity. The state of the art design of new library, located in double basement, further reduces the demand of electricity. High performance building envelop of thermally insulating screen wall and terracotta handmade mesh (*jali*), fibre reinforced mesh and thermally insulated terrace keep the temperature lower in summers and higher in winters, thereby reducing power consumption.
- Practicing "Switch-Off" drills in all office areas, laboratories and common areas. Stickers are pasted in faculty cabins and classroom to inculcate the practice of switching off lights while leaving room. Machinery (Laboratory equipment, Computers, printers, etc.) are kept on standby mode during active work intervals.
- Upgrading Centralized Hot Water System from Diesel based to PNG based: Centralized Hot
 water generation & supply system is installed to take care of bathing requirement of students during
 winters. The diesel base Hot water Boilers are upgraded to PNG base Boilers thus saving the cost
 and diesel along with reducing air pollution.
 - 2. Other Electricity Saving Initiatives by Institution: Initiative(s) toward economic use of Water
- Conservation of water in Toilets

- > Automatic urinal flushers are used in toilets to avoid wastage of water in urinals.
- > Flush valves are getting replaced by cisterns to minimize water wastage.
- > Half turn taps and push taps are used to control wastage of water.

• Use of recycled water for irrigation

The campus maintain its green belt using recycled water for all irrigation activities

3. Initiative(s) toward economic use of Waste

Institute have a well defined management of waste generated with the campus. Solid waste and e-waste are managed as per directives from State Authorities and Government of India's initiative of managing E-waste.

 Waste management: Waste management is given high priority. The cycle able garbage waste and non- recyclable wastes are dumped in separate and specified containers / dustbins. A separate agency with specialized expertise in waste collection and disposal has been hired for waste collection on daily basis. The institution practices effective e-waste management techniques by disposing off the e-junk to the authorized E-waste handling agencies.

The institute ensure that all Government guidelines in management of waste are being met due to constraint in available land area for installation of recycling / treatment plants within campus premises.

7.2 – Best Practices

7.2.1 - Describe at least two institutional best practices

E-management: For Effectiveness and Transparency

Objective: Use of E- Management tools in all organs of institute for effective and transparent functioning.

Context: Use of IT in all facets of institute functioning enhances productivity and transparency. It also increases effectiveness in all academic and administrative functions.

Practice:

- Availability of complete information on courses, faculty, timetable, academic calendar on institute web site.
- Study material folder having subject content to enable 24x7 learning.
- Webkiosk maintains all the student information like course attendance, marks, grades etc. Evidence:
- JIIT has transparent and healthy work culture. IT enabled teaching helps students to learn at their convenience after the class. Employee information, library information system, well defined policy for promotion help in effective and healthy faculty student management interaction.

Research and Peer Learning as Integral Part of Teaching-Learning

Objective: To nurture and enhance creativity, innovation and technical competence.

Context: Structured research environment in education has been key driver for the development.

Practice

- Senior students act as mentors and guides to the Junior students especially in laboratories as part of teaching pedagogy in Practical teaching learning practice
- Two minor projects and one major project is part of B.Tech curriculum.
- High degree of laboratory courses infuses technical competence and design culture.
- Project based learning is inbuilt component of most of the courses.
- A MOU has been signed between NRDC, New Delhi and JIIT, Noida on Jun. 6, 2016 in order to promote patents.
- A MOU has been signed between Ericsson India and JIIT, Noida on Mar. 02, 2017 in order to promote Institute Industry tie-up programs.

Evidences

- Institute is having no. of research projects granted by funding agencies like-DST, DRDO, DBT, ICMR etc.
- Institutes publication profile has been found to be improved every year for last few years.
- As a result of MOU, an elective course on "Advanced Radio Access Network" in collaboration with Ericsson India has been initiated in the AY 2016-17.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://www.jiit.ac.in/IQAC

Please provide the correct web path.e.g: http://www.test.com or htttps://www.test.com

7.3 - Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

JIIT has been thriving to fulfil its vision: 'To become a Centre of Excellence in the field of IT and related emerging areas education, training and research comparable to the best in the world for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management and as an impetus to its mission to provide state of the art teaching learning process and R and D environment' through numerous research projects, 27 in number being pursued by the faculty members currently, with 3 new projects having been started amounting to Rs. 101.10 Lakhs this year and 3 Research and Development projects amounting to Rs. 86.61 Lakhs have been successfully completed this year. Biotechnology Department has been granted a patent Indian Patent No 309474, title, "Thermally Stable Enzymes with Improved Biocatalytic Activity and a Process to Prepare the Same by Making Their Nanoparticles", (Inventors: Dr. Sudha Srivastava, and Dr Shikha Sharma)' and it has been in news for its Invention for development of nano-particles of Lamotrigine drug which can be used in combating neuropathic pain by Mr. Kuldeep Nigam under the supervision of Dr. Shweta Dang was published in Indian Science Wire, The Hindu Business Line, Biotech Times, Down to Earth and on twitter pages (May 14, 2019). Students have won accolades from all the three departments of CSE & IT, ECE and Biotechnology, apart from many faculty members also receiving wards and world wide recognition in their respective fields. Every department organizes an International Conference and FDP with 7 International Conferences and 7 FDPs having been organized this year as well. The esteemed International Conference IC3 has been organized by the Department of CS and IT, JIIT, Noida for 11th consecutive year. The conference has been a witness once again of a large participation from eminent researchers, academicians and Industry professionals from India and abroad. The conference proceedings have been scopus indexed. The citations of the publications of the faculty members have grown visibly. An effort to develop a new IOT Lab had been initiated in the beginning of the academic session and in December 2018, we have established two IOT labs in both campuses (one at sector-62 and other at sector 128. Lab equipment's costing more than 38 Lacs and computer costing more than 50 Lac have been added in these labs. It will help in developing various innovations and business ideas in the fields of IT, Artificial Intelligence , Communication etc. Faculty members are encouraged to file patents and to get the sponsored projects.

Total word count: 0 words. Words left: 500

Provide the weblink of the institution

http://www.jiit.ac.in/IQAC

Please provide the correct webpath.Eg: http://www.test.com or htttps://www.test.com

8. Future Plans of action for next academic year (500 words)

- 1. Project Based Learning (PBL) component may be emphasized in each subject.
- 2. The facilities for simultaneous provision for access of white boards along with the audiovisual facilities on screen projection in the class rooms may be provided in each lecture room.
- 3. The departments of ECE, CSE/IT and JBS should make efforts to enhance the enrolment of M.Tech/MBA students.
- 4. The ratio of journal paper v/s eligible faculty has slightly declined. Efforts should be made to bring this ratio to about 2.0.
- 5. Efforts should be made to increase international collaboration in interdisciplinary fields.
- 6. The joint supervision of M.Tech. Dissertations /Ph.D. theses should be encouraged amongst various disciplines.
- 7. The faculty members of all the Departments should make an effort to get more awards and recognitions.
- 8. As per the students exit feedback it is recommended that Registry and Accounts personnel may be provided soft skills training so that they are more polite in dealing with the students.
- 9. Hostel facility may be provided at JIIT, Sec128.
- 10. As per students exit feedback, ECE curriculum should have more emphasis on practical learning and education should be integrated with real world problems.
- 11. JBS should be advertised using various promotional / branding activities. The courses offered by it should be enriched. Efforts should be made for better placements.
- 12. Placement opportunities in Core Biotechnology Companies may be explored by the T P Cell.
- 13. For Biotech students, syllabus of CS, EC subjects may be modified. Also more industry oriented

Biotech subjects may be added in curriculum.

- 14. Career enhancement opportunities may be improved for qualified non teaching staff members working at lower levels.
- 15. JBS should organize conference and more FDPs of 12 weeks duration.
- 16. Departments of ECE, PMSE, Mathematics and Biotech should organize more workshops and short term courses of 12 weeks duration.
- 17. As per SAP Subcommittee report, number of students participating in national level competitive exams has considerably increased. However students do not submit their admission/hall ticket number in the Institute. A procedure is to be devised to facilitate for collection of details of the students admit cards information as per the requirements of several regulatory and accreditation bodies.
- 18. Student Entrepreneurship and incubation cell need to be further strengthened to yield measurable outcomes.
- 19. In order to enhance the success rate in competitive examinations, it is recommended that LRC may strengthen resources for International / National level competitive examinations.
- 20. OBE outcome has to be reviewed periodically and necessary action has to be taken as per the suggestions of BOS of the respective department.

Total word count: 0 words. Words left: 500