



# ANNUAL QUALITY ASSURANCE REPORT



**2018 – 19**

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**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 5<sup>th</sup> Annual quality Assurance Report successfully.



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

**CRITERION – I**

<b>PART A</b>	
<b>1. Data of the Institution</b>	
Name of the Institution	Jaypee Institute of Information Technology
Name of the Head of the Institution	Prof. S.C. Saxena
Designation	Vice Chancellor
Does the Institution functions from own campus	Yes
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
<b>2. Institutional Status</b>	
University	Deemed
Type of Institution	Co-education
Location	Urban
Financial Status	Private
Name of the IQAC Coordinator/Director	Prof. Hari Om Gupta
Telephone No.	0120-4195806
Mobile No.	9582899128
Registered Mail id	Hariom.gupta@jiit.ac.in
Alternate Mail id	hariomgupt@gmail.com
<b>3. Website Address</b>	
Web link of the AQAR (Previous Academic Year)	<a href="http://www.jiit.ac.in/sites/default/files/AQAR201718.pdf">http://www.jiit.ac.in/sites/default/files/AQAR201718.pdf</a>
If yes. Whether it is uploaded on the Institutional web-site. Provide the web-link:	Yes:
<b>4. Whether Academic Calendar proposed</b>	
Whether Academic	Yes

Calendar proposed					
Provide the web-link		<a href="http://www.jiit.ac.in/sites/default/files/ACADEMICCALENDAR1%60819.pdf">http://www.jiit.ac.in/sites/default/files/ACADEMICCALENDAR1%60819.pdf</a>			
<b>5. Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B	2.9	2015	Nov.16, 2015	Nov. 15, 2020
<b>6. Establishment of IQAC</b>					
Date of Establishment		20 August 2014			
<b>7. Internal Quality Assurance System</b>					
Quality initiative by IQAC during the year of Promotion					
Items/Titles of the quality initiative by IQAC	Date & Duration		No. of Participants/Beneficiaries		
<b>8. Special Status conferred by Central/State/UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.</b>					
Institution/Department/ Faculty	Scheme	Funding Agency	Date of Award	Duration	Amount
Physics	QUEST (Quantum Enhancement of Science & Technology)	ICPS (DST)	Dec. 2018	2019-22	222.16 Lacs (Partially delivered at JIIT)
<b>9. Whether Composition of IQAC is as per latest Guideline</b>			Yes		
Upload latest notification of formation of IQAC			<a href="#">View File</a>		
<b>Committee for Institute Quality Assurance Cell (CIQAC)</b>					
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					

the NAAC guidelines:

Sl. 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
6.	Prof R.K. Dwivedi	PMSE	9971286625	rk.dwivedi@jiit.ac.in
7.	Prof Krishna Sundari	Biotech	9910345794	krishna.sundari@jiit.ac.in
8.	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. Number of IQAC meetings held during the year**

12

<b>11. Whether the minutes of IQAC meetings and compliances to be decisions have been uploaded on the Institutional web-site</b>		yes		
Upload the minutes of meetings and action taken report (ATR)		<a href="#">View File</a>		
<b>Record of Meetings of IQAC held in 2018-19</b>				
<b>S.No.</b>	<b>Meeting description</b>	<b>Date &amp; Time</b>	<b>Duration</b>	<b>No. of Participants</b>
1	A meeting with Non-teaching staff for discussing the issues pertaining to Working conditions of Non-Teaching Staff.	25.07.2018 - 4:00 PM	1 Hr	33
2	A meeting of IQAC sub-committee conveners & Audit Committee members of Academic departments for discussing outcome of Auditing of Academic Departments.	6.9.2018 - 11:00 AM	2 Hrs	27
3	A meeting with Non Teaching Heads & Auditors of NonTeaching Departments for reviewing audit of non-teaching Departments.	10.9.2019 - 11:45 AM	2 Hrs	19
4	A meeting of IQAC Convener & Secretary with Sudents for interaction.	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 & Secretary IQAC with Auditors of Administration Department & Head, Administration & Admin Manager for discussing issues faced while auditing Administration department.	22.01.2019 - 3:30 PM	1 Hr	7
7	A meeting of Convener IQAC, Secretary IQAC & Head, Maintenance with Audit Committee members of Maintenance & Administrative Departments for synchronising work of Administration and Maintenance.	02.02.2019 - 12:00 Noon	1.5 Hrs	8
8	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.	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-Committee Members for discussion of IQAR Report	09.04.2019 - 4:00 PM	1.5 Hrs	9
11	Meeting of Convener IQAC & Scretary IQAC with Faculty Members at Sctor 128 for Discussion of course mapping with CO-PO	17.05.2019 - 1:20 PM	1 Hr	62
12	Meeting of IQAC Members with the Visiting UGC Team	22.05.2019 - 10:30 AM	1 Hr	22
Whether IQAC received funding from any		No		

of the funding agency to support these activities

## 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 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, accreditation 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 participating 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.

#### 11. Access to student data (past and present academic records, attendance) to the Mentors to facilitate more effective counselling.

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. Student's participation in competitive events held by external institutions / agencies to be encouraged.

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. The recommendations of Audit Committees constituted for audit of Non-Teaching departments to be implemented

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.**

<p><b>Increase in the Number of Text Books in the library</b></p>	<p>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.</p>
<p><b>Better biotech labs and projects and a longer duration of internship for at least 6 months in Electronics</b></p>	<p>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.</p> <p>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.</p>
<p><b>Keep the curriculum aligned with GATE subjects &amp; including of courses which are more Industry oriented</b></p>	<p>As per the Action Taken Report of the Department of ECE, There has been an “Increase in the number of elective subjects, laboratories offered to students of various departments and research laboratories with advance equipments and experiments have been added.”</p>
<p><b>Departments of PMSE and HSS suggested to organize more Invited Lectures</b></p>	<p>HSS has organized 11 Invited Talks this year and PMSE has organized 5 Invited Talks</p>
<p><b>Departments are suggested to interact/collaborate with Industry for consultancy and joint R &amp; D projects</b></p>	<p>Improvement in Industrial Interaction has been witnessed with the Dept of ECE having collaborated with Ericson and Cadence this year.</p> <p>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.</p>
<p><b>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.</b></p>	<p>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.</p> <p>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.</p> <p>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:</p> <ul style="list-style-type: none"> <li>• Information-Education-Communication activities: awareness Campaigns i.e., door-to-door meetings</li> </ul>

	<p>regarding sanitation/ hygiene/toilet usage/ hand wash, wall paintings, village or school-level rallies.</p> <ul style="list-style-type: none"> <li>• Solid Waste Management related activities i.e., waste collection drives (households/ common or shared places), street cleaning- drain cleaning- cleaning of back alleys.</li> <li>• Support in Toilet Construction.</li> <li>• Help Panchayat to draw up plans for installation of biogas plants wherever possible/required.</li> </ul> <p>More social activities shall be undertaken under the aegis of NSS at JIIT, Noida. Regional Directorate of NSS (UP &amp; 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 Co-ordinator.</p>
Proper streamlining of data collection with regard to student participation in competitive exams might be ensured by departments	<p>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.'</p> <p>The other departments are suggested to follow the same.</p>
Registry to collect Feedback of students going abroad.	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

<b>Date of meeting</b>	<b>29.12.2019</b>
<b>15. Whether NAAC or any other Accreditation Body(s) visited IQAC or Interacted with it to assess the functioning</b>	<b>Yes</b>
<b>16. Whether Institute data submitted to the AISHE</b>	<b>Yes</b> <b>Date of submission: 27/02/2019</b>
<b>17. Does the Institution has Management Information System</b>	<b>Yes</b>
<b>If Yes, Give a brief description and a list of modules currently operational.</b>	
<p>Jaypee Institute of Information technology (JIIT) has ERP (Education and Research Planning) which is the management information system (MIS) of this Institute. This handles applications 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.</p>	

### 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
	<b>Syllabus revision</b>	
	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 focused on employability/entrepreneurship/skill development during the Academic year

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

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

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 18M12CS117	Jul. 18, 2018
IoT Architecture and Protocols(18B12CS440)	Jul. 16, 2018
Software Development and Management(18B12CS314)	Jul. 16, 2018
Bitcoin and Cryptocurrency Technologies 19B12CS413	Jan. 02, 2019
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 19M12CS211	Jan. 04, 2019
Multimedia Design and Analysis 19M12CS214	Jan. 04, 2019
PRINCIPLES OF SOFTWARE DESIGN AND DEVELOPMENT (19B12CS417)	Jan. 02, 2019
Computers and Security(18B11CS212)	Jan. 04, 2019
English For Research Paper Writing (19M13HS111)	Jan. 03, 2019
Morality & Everyday Decision Making (19B13HS611)	Jan. 03, 2019

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

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		Date of implementation of CBCS/Elective Course System	
<b>The Choice Based Credit System (CBCS) is being followed in the Institute since inception in all UG/PG programmes</b>			
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 Communication 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)
<b>MSc</b>		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
<p>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.</p> <p>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.</p> <p>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 &amp; 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.</p> <p>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 &amp; 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.</p> <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</p>

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
<b>Total</b>			<b>1228</b>

### 2.2: Catering the students diversity

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 teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG 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 3<sup>rd</sup> 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 the institution (UG + Dual + PG + PhD)	Number of fulltime teachers	Mentor : Mentee Ratio

5039*	288	1:15
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\*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 <b>current year (2018-19)</b>	No. of faculty with PhD
312	290	22	32	<b>207</b>

### 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)	Grade-A and Cash prize for Task based training TBT participation and completion all the tasks assigned by IIT Bombay under E-yantra Program
	Abhay Kumar	ASSISTANT PROFESSOR (GRADE-II)	Grade-A and Cash prize for Task based training TBT participation and completion all the tasks assigned by IIT Bombay under E-yantra Program
	Badri Bajaj	ASSISTANT PROFESSOR (SENIOR GRADE)	Appointed as President of ICF, Delhi Chapter for his outstanding contribution
	Monali Bhattacharya	Associate Professor	Selected and shortlisted for "Young Professional Career Development

			Award” during the 16 <sup>th</sup> 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 <sup>th</sup> & 28 <sup>th</sup> April 2019
	Prof. Anirban Pathak	Professor	Fellow of IETE
	Himanshu Pandey	Assistant professor (senior grade)	Young 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

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

		2019 TR1	Feb 2019	Mar 2019
PhD		2018 Odd Sem & 2019 Even Sem	<b>2018 Odd Sem</b> : 10 December 2018  2019 Even Sem : 22 May 2019	<b>2018 Odd Sem</b> : 20 December 2018  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: <http://www.jiit.ac.in/ece-peo-pos-psos>; <http://www.jiit.ac.in/cse-peo-pos-psos>; <http://www.jiit.ac.in/bio-peo-pos-psos>;

Please provide the correct web path.e.g: <http://www.test.com> or <https://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
Total		1169	1113	95.21

(Criteria used – Acd. Yrs. 1516. Appeared in exam , Even, Fastrack 2019 & Passed 30.09.18 to 01.10.19)

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/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

Type (Dropdown)	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
1. National	Dr. Navendu Goswami	Visiting Fellowship	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 fellowship	Funding Agency	NumbersNo. Of Fellowship
JRF/SRF via project (/SRF (ICMR Fellowship)	5 years	Government (ICMR/UGC/CSIR)	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/ICSSR)	03
Institutional	3 years	JiIT Noida	89
<b>Total</b>			<b>128</b>

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)	Duration (Years)	Name of the funding agency	Total grant sanctioned (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
<b>Total</b>			<b>517.29</b>	<b>118.70</b>

### 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	Department of Computer Science Engineering & Information Technology	4th May 2019
Sustainable Computing in Science, Technology & Management (SUSCOM)-2019	Department of Computer Science Engineering & Information Technology	26-28 Feb 2019
National Workshop on Computational Intelligence	Department of Computer Science Engineering & Information Technology	26-27 April, 2019
Design and Simulation of Microwave Devices and Circuits	Department of Electronics and Communication Engineering	07 <sup>th</sup> -08 <sup>th</sup> 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 <sup>th</sup> to 16 <sup>th</sup> 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 <sup>th</sup> - 12 <sup>th</sup> 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 <sup>th</sup> 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 <sup>th</sup> Dec, 2016; Project started 28 <sup>th</sup> Aug, 2017 (2017-2020)	National
DST – WoSA fellowship	Ms Sunita Gupta	DST, Govt of India	26 <sup>th</sup> June, 2015 (2015-19)	National
First Position for poster Presentation in International Conference on Advances in Biosciences and Biotechnology (ICABB 2019) conference during 31 <sup>st</sup> Jan-2 <sup>nd</sup> Feb	Priyanka Mathur,	JIIT, Noida	2 <sup>nd</sup> Feb 2019	International

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

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

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
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
<b>Total</b>	<b>38</b>

### 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
<b>Total</b>		<b>247</b>	

### 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	
Thermally Stable Enzymes With Improved Biocatalytic Activity And A Process To Prepare The Same By Making Their Nanoparticles	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 GABA <sub>A</sub> Receptor Portends the Novel Approach to Stress Treatment". <i>Journal of Applied Pharmaceutical Science</i> . Vol 8, pp. 38-43, 2018	A. Negi, P. Singh, N. Taneja, <b>S. Mani</b>	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. Sci. Pollut. Res.</i> , vol. 25, no. 36, pp. 36163–36172, 2018.	S. Dubey, A. Gupta, A. Khare, G. Jain, S. Bose, and <b>V. Rani</b>	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, <b>V. Rani</b> , 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. Rani	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	Telecommunications 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", <i>Arabian Journal for Science and Engineering</i> , 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 Sciences and 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". <i>Journal of Relationship Marketing</i> , 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," <i>Alexandria engineering journal</i> , vol 57, pp. 3299--3310, 2018.						
"Travelling and Shock Wave Simulations in a Viscous Burgers'Equation with Periodic Boundary Conditions"Int J. Computational and Applied Mathematics, vol. 4, No. 16 , pp. 150,2018	Mittal, R.C., & Rohila, R.	Int J. Computational and Applied Mathematics	2018		Jaypee Institute of Information Technology, Noida	0
"Integrated Fuzzy Control to Power Management on Event 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.	S. Shekhar, R. Raj, A. Kumar, G.Verma, P. Raj		2018		Jaypee Institute of Information Technology, Noida	0
"Quality Business School education and the expectations of the corporate-A research agenda", <i>Procedia Computer Science</i> , Vol.139, pp.561-569,2018.	Vandana Ahuja, Shriram Purankar	Science Direct, Procedia Computer Science	2018		Jaypee Business School	0
"Saccharothrix tharensis sp. nov., an actinobacterium isolated from the Thar Desert, India" <i>Antonie Van Leeuwenhoek</i> , Vol. 111, issue 11, pp. 2141-2147, 2018. <a href="https://doi.org/10.1007/s10482-018-1106-9">https://doi.org/10.1007/s10482-018-1106-9</a> , 2018.	A. Ibeyaima, A.K. Singh, Rup Lal, S. Gupta, M. Goodfellow, I.P. Sarethy	Antonie Van Leeuwenhoek	2018		Jaypee Institute of Information Technology, Noida	0
"Comparative evaluation of four triterpenoid glycoside saponins of Bacoside A in alleviating sub-cellular oxidative stress of N2a neuroblastoma cells ", <i>Journal of Pharmacy and Pharmacology</i> , Vol. 70, pp. 1531-1540, 2018.	P. Bhardwaj, C.K. Jain, <b>A. Mathur.</b>	Journal of Pharmacy and Pharmacology	2018		Jaypee Institute of Information Technology, Noida	1
"Bio Pharmaceutics Classification System (BCS) Class IV Drug Nanoparticles: Quantum Leap to Improve Their Therapeutic Index", <i>Advance Pharmaceutical Bulletin</i> , 8(4), 617-625,2018	S. Kumar, R. Kaur, R. Rajput, <b>M. Singh</b>	Advance Pharmaceutica I Bulletin	2018		Jaypee Institute of Information Technology, Noida	0
"Standardization of virtual-screening and	S. Gupta, A. M. Lynn and <b>V.</b>	Springer	2018		Jaypee Institute of	0

post-processing protocols relevant to <i>in-silico</i> drug discovery.” 3 <i>Biotech</i> . Vol. 8:504, 2018.	<b>Gupta</b>				Information Technology, Noida	
Comparative evaluation of four triterpenoid glycoside saponins of Bacoside A in alleviating sub-cellular oxidative stress of N2a neuroblastoma cells, <i>Journal of Pharmacy and Pharmacology</i> , Vol. 70, pp. 1531-1540, 2018. 2018	Bhardwaj, P., Jain,C.K., Mathur, A.	Journal of Pharmacy and Pharmacology	2018		Jaypee Institute of Information Technology, Noida	0
“An image segmentation method using logarithmic kbest gravitational search algorithm based superpixel clustering”, <i>Evolutionary Intelligence</i> , vol. xx, pp. 1-13, 2018, Springer.	Himanshu Mittal and Mukesh Saraswat	Evolutionary Intelligence	2018		Jaypee Institute of Information Technology, Noida	2
“Dichotomized Incenter Fuzzy Triangular Ranking Approach to Optimize Interval Data Based Transportation Problem,” <i>Cybernetics and Information Technologies</i> , vol. 18, no. 4, pp. 111–119, 2018.	Srivastava, P. K. and Bisht,D. C. S.	Cybernetics and Information Technologies	2018		Jaypee Institute of Information Technology, Noida	0
"Recognition of noise source in multi sounds field by modified random localized based DE algorithm”, <i>International Journal of System Assurance Engineering and Management</i> , Springer. Vol 9, issue, 1, pp. 245-261, 2018	Kumar, P., Pant,M.	International Journal of System Assurance Engineering and Management, Springer.	2018		Jaypee Institute of Information Technology, Noida	0
“Classical light vs. nonclassical light: Characterizations and interesting applications.” <i>Journal of Electromagnetic Waves and Applications</i> , vol. 32, pp. 229-264, 2018.	A. Pathak and A. Ghatak.	Journal of Electromagnetic Waves and Applications	2018		Jaypee Institute of Information Technology, Noida	3
“Structural, magnetic, dielectric, vibrational and optical properties of Zr substituted $\text{Bi}_{0.90}\text{Gd}_{0.10}\text{FeO}_3$ multiferroics” <i>Journal of Alloys and 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		Jaypee Institute of Information Technology, Noida	0
“Fabrication of efficient dye-sensitized solar cells	Bhardwaj S, Pal. A,	Journal of Materials	2018		Jaypee Institute of	0

with photoanode containing TiO <sub>2</sub> -Au and TiO <sub>2</sub> -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			Information Technology, Noida	
"Cytotoxicity of Graphene Oxide (GO) and Graphene Oxide Conjugated Losartan Potassium (GO-LP) on Neuroblastoma (NB41A3) Cells", <i>Journal of Nanoscience and Nanotechnology</i> , 18, 1-11, 2018	R. Kaur, S. Verma, P. Joshi, S. P. Singh, <b>M. Singh.</b>	Journal of Nanoscience and Nanotechnology	2018		Jaypee Institute of Information Technology, Noida	0
"Impact of Antibiotics on Plants", <i>Int. J. Pharm. Sci. Rev. Res.</i> , 52(1), 49-53, 2018	E. Bhatt, <b>P. Gauba,</b>	International Journal of Pharmaceutical Sciences Review & Research	2018		Jaypee Institute of Information Technology, Noida	0
"Impact of Antibiotics on Plant Growth " <i>World Journal of Pharmaceutical Research</i> , 7(18), 684-688 (PubMed, google scholar)	R. Barnwal and <b>P. Gauba</b>	World Journal of Pharmaceutical 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, <b>S. Srivastava</b>	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 <a href="https://doi.org/10.1089/rej">https://doi.org/10.1089/rej</a>	S. Kumar, <b>S. Dang,</b> K. Nigam, J. Ali, S. Baboota	Rejuvenation research	2018		Jaypee Institute of Information Technology, Noida	0
Named Entity Recognition in Hindi Using Hyperspace Analogue to Language and Conditional Random Field. <i>Pertanika Journal of Science and Technology</i> , 26(4), 1801-1822. [Indexed in Scopus; H index: 8] (2018).	Jain, A., & Arora, A.	Pertanika Journal of Science and Technology	2018		Jaypee Institute of Information Technology, Noida	0
OntoHindi NER – An Ontology Based Novel Approach for Hindi Named Entity Recognition. <i>International</i>	Jain, A., Tayal, D.K., Arora, A.	International Journal of Artificial Intelligence (IJAI)	2018		Jaypee Institute of Information Technology, Noida	0

Journal of Artificial Intelligence (IJAI), 16(2), 106-135. [Indexed in Scopus; H index:17] (2018).						
Named Entity System for Tweets in Hindi Language. International Journal of Intelligent Information Technologies (IJIT), 14(4), 55-76, IGI Global.[Indexed in Scopus, ESCI, DBLP, ESCI; H index:12] (2018).	Jain, A., & Arora, A.	International Journal of Intelligent Information Technologies	2018		Jaypee Institute of Information Technology, Noida	0
"Automatic Detection of Career Recommendation Using Fuzzy Approach." <i>Journal of Information Technology Research (JITR)</i> 11.4 (2018): 99-121.	Krishnamurthi, Rajalakshmi, and Mukta Goyal.	Journal of Information Technology Research	2018		Jaypee Institute of Information Technology, Noida	0
"Named Entity System for Tweets in Hindi Language", International Journal of Intelligent Information Technologies (IJIT), vol. 14, no. 4, pp. 55-76, IGI GLOBAL, Oct. 2018.	Jain, A., and Arora, A.	International Journal of Intelligent Information Technologies	2018		Jaypee Institute of Information Technology, Noida	0
"Outliers in Data Mining: Approaches and Detection", International Journal of Engineering & Technology, Vol 7, No 4.39, pp. 189-198, ISSN 2227-524X , 2018, <a href="http://dx.doi.org/10.14419/ijet.v7i4.39.23930">http://dx.doi.org/10.14419/ijet.v7i4.39.23930</a> . <b>[indexed: SCOPUS]</b>	<b>Deepti Mishra,</b> <b>Devpriya Soni</b>	International Journal of Engineering & Technology	2018		Jaypee Institute of Information Technology, Noida	0
"Towards Risk Based Effort Estimation: A Framework to Identify, Analyze and Classify Risk for Early Identification at Requirement Engineering Phase", <i>International Journal of Information System Modelling and Design</i> , Vol.9(4), pp. 54-71, 2018.	Chandani P., <b>Gupta C.</b>	International Journal of Information System Modelling and Design	2018		Jaypee Institute of Information Technology, Noida	0
"Emotional Stability and Self-Esteem as Mediators Between Mindfulness and Happiness", <i>Journal of Happiness Studies</i> , pp. 1-16. 2018	Bajaj, B., Gupta, R., Sengupta, S.	Journal of Happiness Studies	2018		Jaypee Institute of Information Technology, Noida	0
"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

irregularity", <i>Waves in Random and Complex Media</i> , vol.28, pp. 601-623, 2018.						
"Institutional perspectives of dividend policy in India", <i>Qualitative Research in Financial Markets</i> , Vol. 10 (3), pp.324-342, (2018) .	H. Kent Baker, Sujata Kapoor, Imad Jabbouri	Qualitative Research in Financial Markets	2018		Jaypee Business School	NA
"Zinc Oxide nanoparticles (ZnO NP) mediated regulation of bacoside biosynthesis and transcriptional correlation of HMG-CoA reductase gene in suspension culture of <i>Bacopa monnieri</i> ". <i>Plant Physiology and Biochemistry</i> , 130. 148-156, 2018.	P. Bhardwaj, N. Goswami, P. Narula, C.K. Jain, <b>A. Mathur.</b>	Plant Physiology and Biochemistry	2018		Jaypee Institute of Information Technology, Noida	0
"Bromhexine: a comprehensive review". <i>Int J Biol Med Res</i> .vol 9(3): pp 6455-6459, 2018	A. Bhagat and <b>Rachana</b>	International journal of Biological and Medical Research	2018		Jaypee Institute of Information Technology, Noida	0
"Curcumin-mediated effects on anti-diabetic drug-induced cardiotoxicity," <i>3 Biotech</i> , vol. 8, no. 9, 2018.	A. Jain and <b>V. Rani</b>	3 Biotech	2018		Jaypee Institute of Information Technology, Noida	0
"Differential Bond Energy Algorithm for Optimal Vertical Fragmentation of Distributed Databases" , <i>Journal of King Saud University Computer and Information Sciences</i> , 2018.	S. Mehta, P. Agarwal, P. Shrivastava, J. Barlawala	Journal of King Saud University Computer and Information Sciences	2018		Jaypee Institute of Information Technology, Noida	0
An Effective DOS Attack Detection Model in Cloud Using Artificial Bee Colony Optimization, <i>3D Research</i> , Springer Nature, Vol/Issue: 9:44, September,2018	Jitendra Kumar Seth . Satish Chandra	3D Research, Springer Nature	2018		Jaypee Institute of Information Technology, Noida	0
"StuA: An Intelligent Student Assistant," <i>International Journal of Interactive Multimedia and Artificial Intelligence</i> , vol. 5, no. 2, p. 17, 2018.	P. Lodhi, O. Mishra, S. Jain, and V. Bajaj	International Journal of Interactive Multimedia and Artificial Intelligence	2018		Jaypee Institute of Information Technology, Noida	0
"Green Cover Change Detection using a Modified Adaptive Ensemble of Extreme Learning Machines for North-Western India", <i>Computer and Information Sciences</i> (2018),issn:1319-1578,	Khurana, M., Saxena, V.	Elsevier-King Saud Journal of Computer and Information Sciences	2018		Jaypee Institute of Information Technology, Noida	0

Elsevier, doi: <a href="https://doi.org/10.1016/j.jksuci.2018.09.008">https://doi.org/10.1016/j.jksuci.2018.09.008</a> , Sep, 2018 ( ESCI, Scienedirect, SCOPUS) ( h5-24, H5 median 36)						
"Word sense-based approach for Hindi to Tamil machine translation using English as pivot language", International Journal of Advanced Intelligence Paradigm , Vol 11(3/4), pp. 284-298	Vimal Kumar, K., Yadav, D.	International Journal of Advanced Intelligence Paradigm	2018		Jaypee Institute of Information Technology, Noida	0
"Emotional Intelligence: Exploring the Road beyond Personality and Cognitive Intelligence", <i>Pertanika Journal of Social Sciences &amp; Humanities</i> , vol. 26, no. 3, pp. 1227-1239, 2018.	Gupta, R., Bajaj, B.	Pertanika Journal of Social Sciences & Humanities	2018		Jaypee Institute of Information Technology, Noida	0
"A new nonlinear integrable fifth-order equation: multiple soliton solutions with unusual phase shifts", <i>Physica Scripta</i> , vol. 93, pp. 115201, 2018.	Wazwaz A. M., Kaur L.	Physica Scripta	2018		Jaypee Institute of Information Technology, Noida	2
"Lower order and higher order entanglement in four-wave mixing process." <i>Annalen der Physik</i> , vol. 530, pp. 1700160, 2018. (Indexed in SCOPUS, Impact Factor = 3.039).	M. Das, B. Sen, A. Ray and A. Pathak.	Annalen der Physik	2018		Jaypee Institute of Information Technology, Noida	0
"Orthogonal-state-based and semi-quantum protocols for quantum private comparison in noisy environment", <i>International Journal of Quantum Information</i> , vol. 16, pp. 1850047, 2018.	Thapliyal K., Sharma R . D., Pathak A.	International Journal Quantum Information	2018		Jaypee Institute of Information Technology, Noida	0
"miRNA in oncogenesis", <i>Trends in Cancer Research and Chemotherapy</i> . vol 1(2), pp. 1-4, 2018.	M. Verma., <b>S. Bhattacharya</b>	Trends in Cancer Research and Chemotherapy	2018		Jaypee Institute of Information Technology, Noida	0
"Carbon Sequestration: A Solution to Global Problem". <i>World Journal of Pharmaceutical Research</i> ,7(16), 189-202;2018	A. Saxena and <b>P. Gauba.</b>	World Journal of Pharmaceutical Research	2018		Jaypee Institute of Information Technology, Noida	0
"A new perspective to Stable Marriage Problem in profit maximization of matrimonial websites," <i>Journal of Information Processing System (JIPS)</i> , Vol.	Bhatnagar, A., Gambhir, V., and Thakur, M. K.	Journal of Information Processing System (JIPS)	2018		Jaypee Institute of Information Technology, Noida	1

14, No. 4, August 2018, pp. 961-979						
"Performance evaluation of various On-Chip topologies," <i>Journal of Theoretical and Applied Information Technology</i> , Vol. 96, No. 15, August 2018, pp. 4883-4893	Joshi, B. and Thakur, M. K.	Journal of Theoretical and Applied Information Technology	2018		Jaypee Institute of Information Technology, Noida	0
"Three-Level Learning for Improving Cross-Project Logging Prediction for If-Blocks", <i>Journal of King Saud University - Computer and Information Sciences</i> , 2018, Elsevier. doi: <a href="http://dx.doi.org/10.1016/j.jksuci.2017.07.006">http://dx.doi.org/10.1016/j.jksuci.2017.07.006</a> .	Lal S., Sardana N., Sureka A.	Journal of King Saud University - Computer and Information Sciences	2018		Jaypee Institute of Information Technology, Noida	0
"iABC: Towards a hybrid framework for analyzing and classifying behaviour of iOS applications using static and dynamic analysis". <i>Journal of Information Security and Applications</i> 2018 Aug 1; Volume 41: pp. 144-158. Elsevier, UK <a href="https://doi.org/10.1016/j.jisa.2018.07.005">https://doi.org/10.1016/j.jisa.2018.07.005</a>	Bhatt AJ, Gupta C, Mittal S.	Journal of Information Security and Applications	2018		Jaypee Institute of Information Technology, Noida	0
"Robust video watermarking using significant frame selection based on coefficient difference of lifting wavelet transform", <i>Multimedia Tools and Applications</i> , 77, pp. 19659-19678, 2018.	Bhardwaj, Anuj; Verma, Vivek Singh; Jha, Rajib Kumar	Multimedia Tools and Applications	2018		Jaypee Institute of Information Technology, Noida	3
"Optical solitons for perturbed Gerdjikov–Ivanov equation", <i>Optik</i> , vol.174, pp.447, 2018.	Kaur L., Wazwaz A. M.	Optik	2018		Jaypee Institute of Information Technology, Noida	3
"Effect of Suspended Particles on Thermosolutal Convection of Rivlin-Ericksen Fluid in Porous Medium with Variable Gravity" <i>Int. J. of Applied Mechanics and Engineering</i> , vol.23, No.3, pp.813-820, 2018.	Aggarwal, A. K. and Dixit, D.	International Journal of Applied Mechanics and Engineering	2018		Jaypee Institute of Information Technology, Noida	0
"Higher-order nonclassical properties of a shifted symmetric cat state and a one-dimensional continuous superposition of coherent states", <i>International Journal of Theoretical</i>	Alam N., Mandal K., Pathak A.	Int. J. Theor. Phys.	2018		Jaypee Institute of Information Technology, Noida	0

<i>Physics</i> , vol. 57, pp. 3443-3456, 2018.						
"Analysis of Employability skill gap among Information Technology professionals", International Journal of Human Capital Management and Information Technology Professionals, Vol 9(3), 53-69, 2018.	Misra, R.K., Khurana, K.	International Journal of Human Capital Management and Information Technology Professionals	2018		Jaypee Business School	0
(2018). Generation of Trust Using Social Networking Sites: A Comparative Analysis of Online Apparel Brands Across Social Media Platforms. International Journal of Management Practice, July 2018.	Radhika Sharma, Shirin Alavi, Vandana Ahuja	International Journal of Management Practice	2018		Jaypee Business School	0
"Assessment of herb-drug synergy to combat doxorubicin induced cardiotoxicity," <i>Life Sci.</i> , vol. 205, pp. 97–106, 2018.	A. Jain and V. Rani	Life sciences	2018		Jaypee Institute of Information Technology, Noida	0
"Dynamic dual threshold based schemes for abrupt scene change detection in videos," Journal of Theoretical and Applied Information Technology, Vol. 96, No. 14, July 2018, pp. 4460-4470	Thakur, M. K.	Journal of Theoretical and Applied Information Technology	2018		Jaypee Institute of Information Technology, Noida	0
Mobile Sink as Checkpoints for Fault Detection Towards Fault Tolerance in Wireless Sensor Networks, Journal of Global Information Management, Volume 26, Issue 3, pp. 78-89, July-September 2018. (SCIE, Scopus)IF <b>0.517</b>	Pritee Parwekar, Sireesha Rodda and Parmeet Kaur	Journal of Global Information Management	2018		Jaypee Institute of Information Technology, Noida	1
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"Financial Inclusion in South Asia—Relative Standing, Challenges and	Mani, M.	South Asian Survey	2018		Jaypee Institute of Information	0



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"Lower-and-higher-order nonclassical features in non-degenerate hyper-Raman processes," Optics Communication vol. 444 pp. 111-119, (2019) (Impact Factor = 1.888)	K. Thapliyal, A. Pathak, B. Sen, J. Perina.	Optics Communication	2019		Jaypee Institute of Information Technology, Noida	0
"Quantum Zeno effect and nonclassicality in a PT symmetric system of coupled cavities", Physical Review A, vol. 99 p. 023820, (2019) (Impact Factor = 2.907)	J. Naikoo, K. Thapliyal, S. Banerjee and A. Pathak	Physical Review A	2019		Jaypee Institute of Information Technology, Noida	0
"Lower- and higher-order nonclassical properties of photon added and subtracted displaced Fock states," Annalen der Physik 531 (2019) 1800318 (Impact Factor = 3.039)	P. Malpani, N. Alam, K. Thapliyal, A. Pathak, V. Narayanan, S. Banerjee	Annalen der Physik	2019		Jaypee Institute of Information Technology, Noida	0
"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		Jaypee Institute of Information Technology, Noida	0
"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., <b>Sharma N. K., Sajal V.</b>	Optik	2019		Jaypee Institute of Information Technology, Noida	0
"Excitation of terahertz	Mann K. L.,	Optik	2019		Jaypee	0



radiation by parametric coupling of a laser beam and its frequency shifted second harmonic in a corrugated magnetized plasma”, <i>Optik</i> , 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”, <i>Optik</i> , 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”, <i>Bull. Mater. Sci.</i> 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 GABA <sub>A</sub> Receptor Portends the Novel Approach to Stress Treatment". <i>Journal of Applied Pharmaceutica I Science</i> . Vol 8, pp. 38-43, 2018	A. Negi, P. Singh, N. Taneja, <b>S. Mani</b>	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. Pollut. Res.</i> , vol. 25, no. 36, pp. 36163–36172, 2018.	S. Dubey, A. Gupta, A. Khare, G. Jain, S. Bose, and <b>V. Rani</b>	Environmental Science and Pollution Research	2018		0	Jaypee Institute of Information Technology, Noida

				82		
“Toxicity and detoxification of heavy metals during plant growth and metabolism,” <i>Environmental Chemistry Letters</i> , vol. 16, no. 4. pp. 1169–1192, 2018.	S. Dubey, M. Shri, A. Gupta, <b>V. Rani</b> , 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.	S. Saxena, A. Gupta, V. Shukla, and <b>V. Rani</b>	3 Biotech	2018		0	Jaypee Institute of Information Technology, Noida
NOPHISH: A PHISH DETECTOR IN CLOUD SERVICES, <i>Telecommunications and Radio Engineering</i> , Vol 77 Issue 12 (2018)	J. K. Seth, S. Kumar, S. Chandra	Telecommunications and Radio Engineering, Vol 77 Issue 12 (2018)	2018		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		0	Jaypee Institute of Information Technology, Noida
				15		
				11		

“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 of Social Sciences and Humanities</i> , 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". <i>Young Consumers</i> , 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". <i>Journal of Relationship Marketing</i> , 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

analysis for non-similar analytical study of nanofluid flow and heat transfer under the influence of aligned magnetic field," <i>Alexandria engineering journal</i> , vol 57, pp. 3299--3310, 2018.		Journal				Information Technology, Noida
"Travelling and Shock Wave Simulations in a Viscous Burgers'Equation with Periodic Boundary Conditions"Int J. Computational and Applied Mathematics, vol. 4, No. 16 , pp. 150,2018	Mittal, R.C., & Rohila, R.	Int J. Computational and Applied Mathematics	2018		0	Jaypee Institute of Information Technology, Noida
"Integrated Fuzzy Control to Power Management on Event 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.	S. Shekhar, R. Raj, A. Kumar, G.Verma, P. Raj		2018		0	Jaypee Institute of Information Technology, Noida
"Quality Business School education and the expectations of the corporate- A research agenda", <i>Procedia Computer Science</i> , Vol.13 9, pp.561-	Vandana Ahuja, Shriram Purankar	Science Direct, Procedia Computer Science	2018		0	Jaypee Business School

569,2018.						
"Saccharothrix tharensis sp. nov., an actinobacterium isolated from the Thar Desert, India" Antonie Van Leeuwenhoek, Vol. 111, issue 11, pp. 2141-2147, 2018. <a href="https://doi.org/10.1007/s10482-018-1106-9">https://doi.org/10.1007/s10482-018-1106-9</a> , 2018.	A. Ibeyaima, A.K. Singh, Rup Lal, S. Gupta, M. Goodfellow, I.P. Sarethy	Antonie Van Leeuwenhoek	2018	98	0	Jaypee Institute of Information Technology, Noida
"Comparative evaluation of four triterpenoid glycoside saponins of Bacoside A in alleviating sub-cellular oxidative stress of N2a neuroblastoma cells ", <i>Journal of Pharmacy and Pharmacology</i> , Vol. 70, pp. 1531-1540, 2018.	P. Bhardwaj, C.K. Jain, <b>A. Mathur.</b>	Journal of Pharmacy and Pharmacology	2018		1	Jaypee Institute of Information Technology, Noida
				107		
"Bio Pharmaceutics Classification System (BCS) Class IV Drug Nanoparticles: Quantum Leap to Improve Their Therapeutic Index", <i>Advance Pharmaceutica I Bulletin</i> , 8(4), 617-625,2018	S. Kumar, R. Kaur, R. Rajput, <b>M. Singh</b>	Advance Pharmaceutica I Bulletin	2018		0	Jaypee Institute of Information Technology, Noida
				23		
"Standardization of virtual-screening and post-processing protocols	S. Gupta, A. M. Lynn and <b>V. Gupta</b>	Springer	2018		0	Jaypee Institute of Information Technology, Noida

relevant to <i>in-silico</i> drug discovery.” 3 <i>Biotech.</i> Vol. 8:504, 2018.						
Comparative evaluation of four triterpenoid glycoside saponins of Bacoside A in alleviating sub-cellular oxidative stress of N2a neuroblastoma cells, <i>Journal of Pharmacy and Pharmacology</i> , Vol. 70, pp. 1531-1540, 2018. 2018	Bhardwaj, P., Jain,C.K., Mathur, A.	<i>Journal of Pharmacy and Pharmacology</i>	2018	107	0	Jaypee Institute of Information Technology, Noida
“An image segmentation method using logarithmic kbest gravitational search algorithm based superpixel clustering”, <i>Evolutionary Intelligence</i> , vol. xx, pp. 1-13, 2018, Springer.	Himanshu Mittal and Mukesh Saraswat	<i>Evolutionary Intelligence</i>	2018		2	Jaypee Institute of Information Technology, Noida
“Dichotomized Incenter Fuzzy Triangular Ranking Approach to Optimize Interval Data Based Transportation Problem,” <i>Cybernetics and Information Technologies</i> , vol. 18, no. 4, pp. 111–119, 2018.	Srivastava, P. K. and Bisht,D. C. S.	<i>Cybernetics and Information Technologies</i>	2018		0	Jaypee Institute of Information Technology, Noida
				19		
				11		

"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: Characterizations and interesting applications." <i>Journal of Electromagnetic Waves and Applications</i> , vol. 32, pp. 229-264, 2018.	A. Pathak and A. Ghatak.	Journal of Electromagnetic Waves and Applications	2018	46	3	Jaypee Institute of Information Technology, Noida
"Structural, magnetic, dielectric, vibrational and optical properties of Zr substituted $\text{Bi}_{0.90}\text{Gd}_{0.10}\text{FeO}_3$ multiferroics" <i>Journal of Alloys and 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 $\text{TiO}_2$ -Au and $\text{TiO}_2$ -Ag plasmonic nanocomposites", 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

Materials Science: Materials in Electronics, 29 (2018) 18209-18220.						
"Cytotoxicity of Graphene Oxide (GO) and Graphene Oxide Conjugated Losartan Potassium (GO-LP) on Neuroblastoma (NB41A3) Cells", <i>Journal of Nanoscience and Nanotechnology</i> , 18, 1–11, 2018	R. Kaur, S. Verma, P. Joshi, S. P. Singh, <b>M. Singh.</b>	Journal of Nanoscience and Nanotechnology	2018		0	Jaypee Institute of Information Technology, Noida
"Impact of Antibiotics on Plants", <i>Int. J. Pharm. Sci. Rev. Res.</i> , 52(1), 49-53, 2018	E. Bhatt, <b>P. Gauba,</b>	International Journal of Pharmaceutical Sciences Review & Research	2018	95	0	Jaypee Institute of Information Technology, Noida
"Impact of Antibiotics on Plant Growth " <i>World Journal of Pharmaceutical Research</i> , 7(18), 684-688 (PubMed, google scholar)	R. Barnwal and <b>P. Gauba</b>	World Journal of Pharmaceutical Research	2018	24	0	Jaypee Institute of Information Technology, Noida
"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, <b>S. Srivastava</b>	3Biotech	2018		0	Jaypee Institute of Information Technology, Noida
"Selegiline nanoformulation in attenuation of oxidative stress and	S. Kumar, <b>S. Dang,</b> K. Nigam, J. Ali, S. Baboota	Rejuvenation research	2018	54	0	Jaypee Institute of Information Technology, Noida



upregulation of dopamine in the brain for the treatment of Parkinson's disease." <i>Rejuvenation research</i> , Vol 21(5), 2017.2035, 2018, <a href="https://doi.org/10.1089/rej.">https://doi.org/10.1089/rej.</a>						
Named Entity Recognition in Hindi Using Hyperspace Analogue to Language and Conditional Random Field. <i>Pertanika Journal of Science and Technology</i> , 26(4), 1801-1822. [Indexed in Scopus; H index: 8] (2018).	Jain, A., & Arora, A.	Pertanika Journal of Science and Technology	2018	10	0	Jaypee Institute of Information Technology, Noida
OntoHindi NER – An Ontology Based Novel Approach for Hindi Named Entity Recognition. <i>International Journal of Artificial Intelligence (IJAI)</i> , 16(2), 106-135. [Indexed in Scopus; H index:17] (2018).	Jain, A., Tayal, D.K., Arora, A.	International Journal of Artificial Intelligence (IJAI)	2018	20	0	Jaypee Institute of Information Technology, Noida
Named Entity System for Tweets in Hindi Language. <i>International Journal of Intelligent Information Technologies (IJIT)</i> , 14(4), 55-76, IGI Global.[Indexe	Jain, A., & Arora, A.	International Journal of Intelligent Information Technologies	2018	14	0	Jaypee Institute of Information Technology, Noida

d in Scopus, ESCI, DBLP, ESCI; H index:12] (2018).						
"Automatic Detection of Career Recommendation Using Fuzzy Approach." <i>Journal of Information Technology Research (JITR)</i> 11.4 (2018): 99-121.	Krishnamurthi, Rajalakshmi, and Mukta Goyal.	Journal of Information Technology Research	2018	9	0	Jaypee Institute of Information Technology, Noida
"Named Entity System for Tweets in Hindi Language", <i>International Journal of Intelligent Information Technologies (IJIIT)</i> , vol. 14, no. 4, pp. 55-76, IGI GLOBAL, Oct. 2018.	Jain, A., and Arora, A.	International Journal of Intelligent Information Technologies	2018	14	0	Jaypee Institute of Information Technology, Noida
"Outliers in Data Mining: Approaches and Detection", <i>International Journal of Engineering &amp; Technology</i> , Vol 7, No 4.39, pp. 189-198, ISSN 2227-524X, 2018, <a href="http://dx.doi.org/10.14419/ijet.v7i4.39.23930">http://dx.doi.org/10.14419/ijet.v7i4.39.23930</a> . [indexed: SCOPUS]	<b>Deepti Mishra,</b> <b>Devpriya Soni</b>	International Journal of Engineering & Technology	2018	20	0	Jaypee Institute of Information Technology, Noida
"Towards Risk Based Effort Estimation: A Framework to	Chandani P., <b>Gupta C.</b>	International Journal of Information System	2018		0	Jaypee Institute of Information Technology,

Identify, Analyze and Classify Risk for Early Identification at Requirement Engineering Phase", <i>International Journal of Information System Modelling and Design</i> , Vol.9(4), pp. 54-71, 2018.		Modelling and Design				Noida
"Emotional Stability and Self-Esteem as Mediators Between Mindfulness and Happiness", <i>Journal of Happiness Studies</i> , pp. 1-16. 2018	Bajaj, B., Gupta, R., Sengupta, S.	Journal of Happiness Studies	2018		0	Jaypee Institute of Information Technology, Noida
				57		
"Dynamic response of normal moving load on a transversely isotropic piezoelectric half-space with parabolic irregularity", <i>Waves in Random and Complex Media</i> , vol.28, pp. 601-623, 2018.	Kumari P., Modi C., Sharma V. K.	Waves in Random and Complex Media	2018		2	Jaypee Institute of Information Technology, Noida
				40		
"Institutional perspectives of dividend policy in India", <i>Qualitative Research in Financial Markets</i> , Vol.	H. Kent Baker, Sujata Kapoor, Imad Jabbouri	Qualitative Research in Financial Markets	2018	12	0	Jaypee Business School

10 (3), pp.324-342, (2018) .						
"Zinc Oxide nanoparticles (ZnO NP) mediated regulation of bacoside biosynthesis and transcriptional correlation of HMG-CoA reductase gene in suspension culture of Bacopa monnieri". <i>Plant Physiology and Biochemistry</i> , 130. 148-156, 2018.	P. Bhardwaj, N. Goswami, P. Narula, C.K. Jain, <b>A. Mathur.</b>	Plant Physiology and Biochemistry	2018	14	0	Jaypee Institute of Information Technology, Noida
"Bromhexine: a comprehensive review". <i>Int J Biol Med Res.</i> vol 9(3): pp 6455-6459, 2018	A. Bhagat and <b>Rachana</b>	International journal of Biological and Medical Research	2018		0	Jaypee Institute of Information Technology, Noida
"Curcumin-mediated effects on anti-diabetic drug-induced cardiotoxicity," <i>3 Biotech</i> , vol. 8, no. 9, 2018.	A. Jain and <b>V. Rani</b>	3 Biotech	2018		0	Jaypee Institute of Information Technology, Noida
"Differential Bond Energy Algorithm for Optimal Vertical Fragmentation of Distributed Databases" , <i>Journal of King Saud University Computer and Information Sciences</i> , 2018.	S. Mehta, P. Agarwal, P. Shrivastava, J. Barlawala	Journal of King Saud University Computer and Information Sciences	2018		0	Jaypee Institute of Information Technology, Noida
An Effective DOS Attack Detection Model in Cloud Using Artificial Bee Colony Optimization, 3D Research,	Jitendra Kumar Seth . Satish Chandra	3D Research, Springer Nature	2018	19	0	Jaypee Institute of Information Technology, Noida

Springer Nature, Vol/Issue: 9:44, September,2018						
"StuA: An Intelligent Student Assistant," <i>International Journal of Interactive Multimedia and Artificial Intelligence</i> , vol. 5, no. 2, p. 17, 2018.	P. Lodhi, O. Mishra, S. Jain, and V. Bajaj	International Journal of Interactive Multimedia and Artificial Intelligence	2018		0	Jaypee Institute of Information Technology, Noida
"Green Cover Change Detection using a Modified Adaptive Ensemble of Extreme Learning Machines for North-Western India", <i>Computer and Information Sciences</i> (2018), issn: 1319-1578, Elsevier, doi: <a href="https://doi.org/10.1016/j.jksuci.2018.09.008">https://doi.org/10.1016/j.jksuci.2018.09.008</a> , Sep, 2018 (ESCI, Scimedirect, SCOPUS) (h5-24, H5 median 36)	Khurana, M., Saxena, V.	Elsevier-King Saud Journal of Computer and Information Sciences	2018		0	Jaypee Institute of Information Technology, Noida
"Word sense-based approach for Hindi to Tamil machine translation using English as pivot language", <i>International Journal of Advanced Intelligence Paradigm</i> , Vol 11(3/4), pp. 284-298	Vimal Kumar, K., Yadav, D.	International Journal of Advanced Intelligence Paradigm	2018	8	0	Jaypee Institute of Information Technology, Noida
"Emotional Intelligence:	Gupta, R., Bajaj, B.	Pertanika Journal of	2018		0	Jaypee Institute of

Exploring the Road beyond Personality and Cognitive Intelligence", <i>Pertanika Journal of Social Sciences &amp; Humanities</i> , vol. 26, no. 3, pp. 1227-1239, 2018.		Social Sciences & Humanities				Information Technology, Noida
"A new nonlinear integrable fifth-order equation: multiple soliton solutions with unusual phase shifts", <i>Physica Scripta</i> , vol. 93, pp. 115201, 2018.	Wazwaz A. M., Kaur L.	Physica Scripta	2018		2	Jaypee Institute of Information Technology, Noida
"Lower order and higher order entanglement in four-wave mixing process." <i>Annalen der Physik</i> , vol. 530, pp. 1700160, 2018. (Indexed in SCOPUS, Impact Factor = 3.039).	M. Das, B. Sen, A. Ray and A. Pathak.	Annalen der Physik	2018	71 50	0	Jaypee Institute of Information Technology, Noida
"Orthogonal-state-based and semi-quantum protocols for quantum private comparison in noisy environment", <i>International Journal of Quantum Information</i> , vol. 16, pp. 1850047, 2018.	Thapliyal K., Sharma R. D., Pathak A.	International Journal Quantum Information	2018	31	0	Jaypee Institute of Information Technology, Noida
"miRNA in oncogenesis", <i>Trends in Cancer</i>	M. Verma., <b>S. Bhattacharya</b>	Trends in Cancer Research and Chemotherapy	2018		0	Jaypee Institute of Information Technology,

<i>Research and Chemotherapy</i> . vol 1(2), pp. 1-4, 2018.		.				Noida
"Carbon Sequestration: A Solution to Global Problem". <i>World Journal of Pharmaceutica I Research</i> ,7(16), 189-202;2018	A. Saxena and <b>P. Gauba.</b>	World Journal of Pharmaceutica I Research	2018		0	Jaypee Institute of Information Technology, Noida
"A new perspective to Stable Marriage Problem in profit maximization of matrimonial websites," <i>Journal of Information Processing System</i> , Vol. 14, No. 4, August 2018, pp. 961-979	Bhatnagar, A., Gambhir, V., and Thakur, M. K.	<i>Journal of Information Processing System (JIPS)</i>	2018		1	Jaypee Institute of Information Technology, Noida
"Performance evaluation of various On-Chip topologies," <i>Journal of Theoretical and Applied Information Technology</i> , Vol. 96, No. 15, August 2018, pp. 4883-4893	Joshi, B. and Thakur, M. K.	<i>Journal of Theoretical and Applied Information Technology</i>	2018	19	0	Jaypee Institute of Information Technology, Noida
"Three-Level Learning for Improving Cross-Project Logging Prediction for If-Blocks", <i>Journal of King Saud University - Computer and Information Sciences</i> , 2018, Elsevier.	Lal S., Sardana N., Sureka A.	<i>Journal of King Saud University - Computer and Information Sciences</i>	2018	19	0	Jaypee Institute of Information Technology, Noida

doi: http://dx.doi.org/10.1016/j.jksuci.2017.07.006.						
"iABC: Towards a hybrid framework for analyzing and classifying behaviour of iOS applications using static and dynamic analysis". Journal of Information Security and Applications 2018 Aug 1; Volume 41: pp. 144-158. Elsevier, UK <a href="https://doi.org/10.1016/j.jisa.2018.07.005">https://doi.org/10.1016/j.jisa.2018.07.005</a>	Bhatt AJ, Gupta C, Mittal S.	Journal of Information Security and Applications	2018	31	0	Jaypee Institute of Information Technology, Noida
"Robust video watermarking using significant frame selection based on coefficient difference of lifting wavelet transform", Multimedia Tools and Applications, 77, pp. 19659-19678, 2018.	Bhardwaj, Anuj; Verma, Vivek Singh; Jha, Rajib Kumar	Multimedia Tools and Applications	2018	52	3	Jaypee Institute of Information Technology, Noida
"Optical solitons for perturbed Gerdjikov–Ivanov equation", Optik , vol.174, pp.447, 2018.	Kaur L., Wazwaz A. M.	Optik	2018	46	3	Jaypee Institute of Information Technology, Noida
"Effect of Suspended Particles on Thermosolutal Convection of Rivlin-Ericksen Fluid in Porous Medium with Variable Gravity" <i>Int. J. of Applied</i>	Aggarwal, A. K. and Dixit, D.	International Journal of Applied Mechanics and Engineering	2018		0	Jaypee Institute of Information Technology, Noida



<i>Mechanics and Engineering</i> , vol.23, No.3, pp.813-820, 2018.				5		
"Higher-order nonclassical properties of a shifted symmetric cat state and a one-dimensional continuous superposition of coherent states", <i>International Journal of Theoretical Physics</i> , vol. 57, pp. 3443-3456, 2018.	Alam N., Mandal K. , P athak A.	Int. J. Theor. Phys.	2018	54	0	Jaypee Institute of Information Technology, Noida
"Analysis of Employability skill gap among Information Technology professionals", <i>International Journal of Human Capital Management and Information Technology Professionals</i> , Vol 9(3), 53-69, 2018.	Misra, R.K., Khurana, K.	International Journal of Human Capital Management and Information Technology Professionals	2018		0	Jaypee Business School
(2018). Generation of Trust Using Social Networking Sites: A Comparative Analysis of Online Apparel Brands Across Social Media Platforms. <i>International Journal of Management Practice</i> , July 2018.	Radhika Sharma, Shirin Alavi, Vandana Ahuja	International Journal of Management Practice	2018	9	0	Jaypee Business School
"Assessment of herb-drug synergy to combat	A. Jain and V. Rani	Life sciences	2018		0	Jaypee Institute of Information Technology,

doxorubicin induced cardiotoxicity," <i>Life Sci.</i> , vol. 205, pp. 97–106, 2018.				150		Noida
"Dynamic dual threshold based schemes for abrupt scene change detection in videos," Journal of Theoretical and Applied Information Technology, Vol. 96, No. 14, July 2018, pp. 4460-4470	Thakur, M. K.	Journal of Theoretical and Applied Information Technology	2018	23	0	Jaypee Institute of Information Technology, Noida
Mobile Sink as Checkpoints for Fault Detection Towards Fault Tolerance in Wireless Sensor Networks, Journal of Global Information Management, Volume 26, Issue 3, pp. 78-89, July-September 2018. (SCIE, Scopus)IF <b>0.517</b>	Pritee Parwekar, Sireesha Rodda and Parmeet Kaur	Journal of Global Information Management	2018	37	1	Jaypee Institute of Information Technology, Noida
"An Integrated framework for Posture Recognition", International Journal of Advanced Intelligence Paradigms (IJAIP), InderScience publication, 2018 Vol.11 No.1/2, pp.132 – 142, DOI : 10.1504 / IJAIP.2018.09 2947	Shipra Madan, Devpriya Soni, Harvinder Kaur	International Journal of Advanced Intelligence Paradigms (IJAIP)	2018		0	Jaypee Institute of Information Technology, Noida

[indexed: <b>SCOPUS(Elsevier)</b> ,ACM Digital Library, DBLP]				8		
"Financial Inclusion in South Asia— Relative Standing, Challenges and Initiatives", <i>South Asian Survey</i> , Vol 23, no. 2, pp. 158 – 179, July 2018	Mani, M.	South Asian Survey	2018	9	0	Jaypee Institute of Information Technology, Noida
"New exact solutions to extended (3+ 1)-dimensional Jimbo-Miwa equations by using bilinear forms", <i>Mathematical Methods in the Applied Sciences</i> , vol. 41, pp.7566, 2018.	Kaur L., Wazwaz A. M.	Mathematical Methods in the Applied Sciences	2018	49	1	Jaypee Institute of Information Technology, Noida
"Painlevé analysis and invariant solutions of generalized fifth-order nonlinear integrable equation", <i>Nonlinear Dynamics</i> , vol. 94, pp. 2469, 2018.	Kaur L., Wazwaz A. M.	Nonlinear Dynamics	2018	97	4	Jaypee Institute of Information Technology, Noida
"Kak's three-stage protocol of secure quantum communication revisited: hitherto unknown strengths and weaknesses of the protocol", <i>Quantum Information</i>	Thapliyal K., Pathak A.	Quantum Information Processing	2018	44	0	Jaypee Institute of Information Technology, Noida

Processing, vol. 17, pp. 229, 2018.						
M. Singh and P. Pal, "Structural, magnetic and dielectric properties of Gd <sup>3+</sup> substituted NiFe <sub>2</sub> O <sub>4</sub> nanoparticles" <i>Journal of Alloys and Compounds</i> , vol. 768, pp. 287-297, 2018. [Indexed in SCOPUS, Impact factor: 3.779]	S. Joshi, M. Kumar, H. Pandey	Journal of Alloys and Compounds	2018	145	0	Jaypee Institute of Information Technology, Noida
"Zinc Oxide nanoparticles (ZnO NP) mediated regulation of bacosides biosynthesis and transcriptional correlation of HMG-CoA reductase gene in suspension culture of <i>Bacopa monnieri</i> ", <i>Plant Physiology and Biochemistry</i> , vol. 130, pp. 148-156 (2018). (Indexed in Scopus, Impact Factor: 2.718).	P. Bhardwaj, N. Goswami, P. Narula, C. K. Jain, A. Mathur	Plant Physiology and Biochemistry	2018	14	0	Jaypee Institute of Information Technology, Noida
"Enhanced efficiency of PbS quantum dot-sensitized solar cells using plasmonic photoanode", <i>Journal of Nanoparticle Research</i> , 20 (2018) 198-213.	Bhardwaj. S , Pal. A , Chatterjee. K, H Rana. T. H, Bhattacharya. G, Sinha Roy. S, Chowdhury. P, Sharma. G. D, Biswas. S	Journal of Nanoparticle Research	2018	108	0	Jaypee Institute of Information Technology, Noida

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<p>"Long- and short-term protective responses of rice seedling to combat Cr(VI) toxicity," <i>Environ. Sci. Pollut. Res.</i>, vol. 25, no. 36, pp. 36163–36172, 2018.</p>	<p>S. Dubey, A. Gupta, A. Khare, G. Jain, S. Bose, and <b>V. Rani</b></p>	<p>Environmental Science and Pollution Research</p>	<p>2018</p>	<p>82</p>	<p>0</p>	<p>Jaypee Institute of Information Technology, Noida</p>
<p>"Toxicity and detoxification of heavy metals during plant growth and metabolism," <i>Environmental Chemistry Letters</i>, vol. 16, no. 4. pp. 1169–1192, 2018.</p>	<p>S. Dubey, M. Shri, A. Gupta, <b>V. Rani</b>, and D. Chakrabarty</p>	<p>Environmental Chemistry Letter</p>	<p>2018</p>	<p></p>	<p>0</p>	<p>Jaypee Institute of Information Technology, Noida</p>

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“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 <b>V. Rani</b>	3 Biotech	2018		0	Jaypee Institute of Information Technology, Noida
NOPHISH: A PHISH DETECTOR IN CLOUD SERVICES, <i>Telecommunications and Radio Engineering</i> , Vol 77 Issue 12 (2018)	J. K. Seth, S. Kumar, S. Chandra	Telecommunications and Radio Engineering, Vol 77 Issue 12 (2018)	2018		0	Jaypee Institute of Information Technology, Noida
(2018). 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]	Arora, A.	Recent Patents on Computer Science,	2018	15	0	Jaypee Institute of Information Technology, Noida
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Comparative evaluation of four triterpenoid glycoside saponins of Bacoside A in alleviating sub-cellular	Bhardwaj, P., Jain,C.K., Mathur, A.	Journal of Pharmacy and Pharmacology	2018		0	Jaypee Institute of Information Technology, Noida

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“Fabrication of efficient dye-sensitized solar cells with photoanode containing $\text{TiO}_2$ -Au and $\text{TiO}_2$ -Ag plasmonic nanocomposites”, <i>Journal of Materials Science: Materials in Electronics</i> , 29 (2018) 18209-18220.	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		0	Jaypee Institute of Information Technology, Noida
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"Cytotoxicity of Graphene Oxide (GO) and Graphene Oxide Conjugated Losartan Potassium (GO-LP) on Neuroblastom	R. Kaur, S. Verma, P. Joshi, S. P. Singh, <b>M. Singh.</b>	Journal of Nanoscience and Nanotechnology	2018		0	Jaypee Institute of Information Technology, Noida

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"Impact of Antibiotics on Plant Growth " <i>World Journal of Pharmaceutical Research</i> , 7(18), 684-688 (PubMed, google scholar)	R. Barnwal and <b>P. Gauba</b>	World Journal of Pharmaceutical Research	2018		0	Jaypee Institute of Information Technology, Noida
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"Zinc Oxide nanoparticles (ZnO NP) mediated regulation of bacoside biosynthesis and transcriptional correlation of HMG-CoA reductase gene in suspension culture of <i>Bacopa monnieri</i> ". <i>Plant Physiology and Biochemistry</i> , 130. 148-156, 2018.	P. Bhardwaj, N. Goswami, P. Narula, C.K. Jain, <b>A. Mathur.</b>	Plant Physiology and Biochemistry	2018	14	0	Jaypee Institute of Information Technology, Noida
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"Lower order and higher order entanglement in four-wave mixing process." <i>Annalen der</i>	M. Das, B. Sen, A. Ray and A. Pathak.	Annalen der Physik	2018	50	0	Jaypee Institute of Information Technology, Noida

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"Performance evaluation of various On-	Joshi, B. and Thakur, M. K.	Journal of Theoretical and Applied	2018	23	0	Jaypee Institute of Information

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based on coefficient difference of lifting wavelet transform", Multimedia Tools and Applications, 77, pp. 19659-19678, 2018.						
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"Higher-order nonclassical properties of a shifted symmetric cat state and a one-dimensional continuous superposition of coherent states", <i>International Journal of Theoretical Physics</i> , vol. 57, pp. 3443-3456, 2018.	Alam N., Mandal K. , P athak A.	Int. J. Theor. Phys.	2018	54	0	Jaypee Institute of Information Technology, Noida
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"Financial Inclusion in South Asia— Relative Standing, Challenges and Initiatives", <i>South Asian Survey</i> , Vol 23, no. 2, pp. 158 – 179, July 2018	Mani, M.	South Asian Survey	2018	9	0	Jaypee Institute of Information Technology, Noida
"New exact solutions to extended (3+ 1)-dimensional Jimbo-Miwa equations by using bilinear forms", <i>Mathematical Methods in the Applied Sciences</i> , vol. 41, pp.7566, 2018.	Kaur L., Wazwaz A. M.	Mathematical Methods in the Applied Sciences	2018	49	1	Jaypee Institute of Information Technology, Noida
"Painlevé analysis and invariant solutions of generalized fifth-order	Kaur L., Wazwaz A. M.	Nonlinear Dynamics	2018	97	4	Jaypee Institute of Information Technology, Noida

nonlinear integrable equation", <i>Nonlinear Dynamics</i> , vol. 94, pp. 2469, 2018.						
"Kak's three-stage protocol of secure quantum communication revisited: hitherto unknown strengths and weaknesses of the protocol", <i>Quantum Information Processing</i> , vol. 17, pp. 229, 2018.	Thapliyal K., Pathak A.	Quantum Information Processing	2018	44	0	Jaypee Institute of Information Technology, Noida
"Structural, magnetic and dielectric properties of $Gd^{3+}$ substituted $NiFe_2O_4$ nanoparticles" <i>Journal of Alloys and Compounds</i> , vol. 768, pp. 287-297, 2018. [Indexed in SCOPUS, Impact factor: 3.779]	S. Joshi, M. Kumar, H. Pandey, M. Singh and P. Pal	Journal of Alloys and Compounds	2018	145	0	Jaypee Institute of Information Technology, Noida
"Zinc Oxide nanoparticles (ZnO NP) mediated regulation of bacosides biosynthesis and transcriptional correlation of HMG-CoA reductase gene in suspension culture of <i>Bacopa monnieri</i> ", <i>Plant Physiology and Biochemistry</i> , vol. 130, pp.	P. Bhardwaj, N. Goswami, P. Narula, C. K. Jain, A. Mathur	Plant Physiology and Biochemistry	2018	14	0	Jaypee Institute of Information Technology, Noida

148-156 (2018). (Indexed in Scopus, Impact Factor: 2.718).						
"Enhanced efficiency of PbS quantum dot-sensitized solar cells using plasmonic photoanode", Journal of Nanoparticle Research, 20 (2018) 198-213.	Bhardwaj. S , Pal. A , Chatterjee. K, H Rana. T. H, Bhattacharya. G, Sinha Roy. S, Chowdhury. P, Sharma. G. D, Biswas. S	Journal of Nanoparticle Research	2018	108	0	Jaypee Institute of Information Technology, Noida
"Magnetic field generation by amplitude modulated laser pulse in a rippled plasma" Optik, vol. 172, pp. 437-442, 2018. [Indexed in SCOPUS, Impact factor: 1.191]	S. Baliyan, M. Rafat, A. Panwar, V. Sajal, C. M. Ryu	Optik	2018	46	0	Jaypee Institute of Information Technology, Noida
"Molecular-Docking Study of Anti-Stress Natural Compounds Against GABA <sub>A</sub> Receptor Portends the Novel Approach to Stress Treatment". <i>Journal of Applied Pharmaceutica I Science</i> . Vol 8, pp. 38-43, 2018	A. Negi, P. Singh, N. Taneja, <b>S. Mani</b>	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. Pollut. Res.</i> , vol. 25, no. 36, pp. 36163–	S. Dubey, A. Gupta, A. Khare, G. Jain, S. Bose, and <b>V. Rani</b>	Environmental Science and Pollution Research	2018	82	0	Jaypee Institute of Information Technology, Noida



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“Toxicity and detoxification of heavy metals during plant growth and metabolism,” <i>Environmental Chemistry Letters</i> , vol. 16, no. 4. pp. 1169–1192, 2018.	S. Dubey, M. Shri, A. Gupta, <b>V. Rani</b> , and D. Chakrabarty	Environmental Chemistry Letter	2018		0	Jaypee Institute of Information Technology, Noida
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“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 <b>V. Rani</b>	3 Biotech	2018		0	Jaypee Institute of Information Technology, Noida
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"Entropy generation analysis for non-similar analytical study of	Rana, P. and Shukla, N.	Alexandria Engineering Journal	2018		0	Jaypee Institute of Information Technology, Noida

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"Comparative evaluation of four triterpenoid glycoside saponins of Bacoside A in alleviating sub-cellular oxidative stress of N2a neuroblastoma cells ", <i>Journal of Pharmacy and Pharmacology</i> , Vol. 70, pp. 1531-1540, 2018.	P. Bhardwaj, C.K. Jain, <b>A. Mathur.</b>	Journal of Pharmacy and Pharmacology	2018	107	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 Pharmaceutica I Bulletin</i> , 8(4), 617-625, 2018	S. Kumar, R. Kaur, R. Rajput, <b>M. Singh</b>	Advance Pharmaceutica I Bulletin	2018	23	0	Jaypee Institute of Information Technology, Noida
"Standardization of virtual-screening and post-processing protocols relevant to <i>in-silico</i> drug discovery." 3 <i>Biotech</i> . Vol.	S. Gupta, A. M. Lynn and <b>V. Gupta</b>	Springer	2018		0	Jaypee Institute of Information Technology, Noida

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"Fabrication of efficient dye-sensitized solar cells with photoanode containing $\text{TiO}_2$ -Au and $\text{TiO}_2$ -Ag plasmonic nanocomposites", <i>Journal of Materials Science: Materials in Electronics</i> , 29 (2018) 18209-18220.	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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"Impact of Antibiotics on Plants", <i>Int. J. Pharm. Sci. Rev. Res</i> , 52(1),49-53,2018	E. Bhatt, <b>P. Gauba</b>	International Journal of Pharmaceutical Sciences Review & Research	2018	95 24	0	Jaypee Institute of Information Technology, Noida
"Impact of Antibiotics on Plant Growth " <i>World Journal of Pharmaceutical Research</i> ,7(18), 684-688 (PubMed,google scholar)	R. Barnwal and <b>P. Gauba</b>	World Journal of Pharmaceutical Research	2018		0	Jaypee Institute of Information Technology, Noida
"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, <b>S. Srivastava</b>	3Biotech	2018		0	Jaypee Institute of Information Technology, Noida
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"Towards Risk Based Effort Estimation: A Framework to Identify, Analyze and Classify Risk for Early Identification at Requirement Engineering Phase", <i>International Journal of Information System Modelling and Design</i> , Vol.9(4), pp. 54-71, 2018.	Chandani P., <b>Gupta C.</b>	International Journal of Information System Modelling and Design	2018		0	Jaypee Institute of Information Technology, Noida
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"Zinc Oxide nanoparticles (ZnO NP) mediated regulation of bacoside biosynthesis and transcriptional correlation of HMG-CoA reductase gene in suspension culture of <i>Bacopa monnieri</i> ". <i>Plant Physiology and Biochemistry</i> , 130. 148-156, 2018.	P. Bhardwaj, N. Goswami, P. Narula, C.K. Jain, <b>A. Mathur.</b>	Plant Physiology and Biochemistry	2018	14	0	Jaypee Institute of Information Technology, Noida
"Bromhexine: a comprehensive review". <i>Int J Biol Med Res.</i> vol 9(3): pp 6455-6459,	A. Bhagat and <b>Rachana</b>	International journal of Biological and Medical Research	2018		0	Jaypee Institute of Information Technology, Noida

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An Effective DOS Attack Detection Model in Cloud Using Artificial Bee Colony Optimization, <i>3D Research</i> , Springer Nature, Vol/Issue: 9:44, September,2018	Jitendra Kumar Seth . Satish Chandra	3D Research, Springer Nature	2018		0	Jaypee Institute of Information Technology, Noida
"StuA: An Intelligent Student Assistant," <i>International Journal of Interactive Multimedia and Artificial Intelligence</i> , vol. 5, no. 2, p. 17, 2018.	P. Lodhi, O. Mishra, S. Jain, and V. Bajaj	International Journal of Interactive Multimedia and Artificial Intelligence	2018		0	Jaypee Institute of Information Technology, Noida
"Green Cover Change Detection using a Modified Adaptive Ensemble of Extreme Learning Machines for North-Western India",	Khurana, M., Saxena, V.	Elsevier-King Saud Journal of Computer and Information Sciences	2018	19	0	Jaypee Institute of Information Technology, Noida

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"Emotional Intelligence: Exploring the Road beyond Personality and Cognitive Intelligence", <i>Pertanika Journal of Social Sciences &amp; Humanities</i> , vol. 26, no. 3, pp. 1227-1239, 2018.	Gupta, R., Bajaj, B.	Pertanika Journal of Social Sciences & Humanities	2018		0	Jaypee Institute of Information Technology, Noida
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"Lower order and higher order entanglement in four-wave mixing	M. Das, B. Sen, A. Ray and A. Pathak.	Annalen der Physik	2018		0	Jaypee Institute of Information Technology, Noida

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"Orthogonal-state-based and semi-quantum protocols for quantum private comparison in noisy environment", <i>International Journal of Quantum Information</i> , vol. 16, pp. 1850047, 2018.	Thapliyal K., Sharma R. D., Pathak A.	International Journal Quantum Information	2018	31	0	Jaypee Institute of Information Technology, Noida
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"Carbon Sequestration: A Solution to Global Problem". <i>World Journal of Pharmaceutical Research</i> ,7(16), 189-202;2018	A. Saxena and <b>P. Gauba.</b>	World Journal of Pharmaceutical Research	2018		0	Jaypee Institute of Information Technology, Noida
"A new perspective to Stable Marriage Problem in profit maximization of matrimonial websites," <i>Journal of Information Processing</i>	Bhatnagar, A., Gambhir, V., and Thakur, M. K.	Journal of Information Processing System (JIPS)	2018	19	1	Jaypee Institute of Information Technology, Noida

System, Vol. 14, No. 4, August 2018, pp. 961-979						
"Performance evaluation of various On-Chip topologies," Journal of Theoretical and Applied Information Technology, Vol. 96, No. 15, August 2018, pp. 4883-4893	Joshi, B. and Thakur, M. K.	Journal of Theoretical and Applied Information Technology	2018	23	0	Jaypee Institute of Information Technology, Noida
"Three-Level Learning for Improving Cross-Project Logging Prediction for If-Blocks", <i>Journal of King Saud University - Computer and Information Sciences</i> , 2018, Elsevier. doi: <a href="http://dx.doi.org/10.1016/j.jksuci.2017.07.006">http://dx.doi.org/10.1016/j.jksuci.2017.07.006</a> .	Lal S., Sardana N., Sureka A.	Journal of King Saud University - Computer and Information Sciences	2018	19	0	Jaypee Institute of Information Technology, Noida
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"Effect of Suspended Particles on Thermosolutal Convection of Rivlin-Ericksen Fluid in Porous Medium with Variable Gravity" <i>Int. J. of Applied Mechanics and Engineering</i> , vol.23, No.3, pp.813-820, 2018.	Aggarwal, A. K. and Dixit, D.	International Journal of Applied Mechanics and Engineering	2018	5	0	Jaypee Institute of Information Technology, Noida
"Higher-order nonclassical properties of a shifted symmetric cat state and a one-dimensional continuous superposition of coherent states", <i>International Journal of Theoretical Physics</i> , vol. 57, pp. 3443-3456, 2018.	Alam N., Mandal K. , P athak A.	Int. J. Theor. Phys.	2018	54	0	Jaypee Institute of Information Technology, Noida
"Analysis of Employability skill gap among Information	Misra, R.K., Khurana, K.	International Journal of Human Capital Management and	2018		0	Jaypee Business School

Technology professionals", International Journal of Human Capital Management and Information Technology Professionals, Vol 9(3), 53-69, 2018.		Information Technology Professionals				
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"Assessment of herb-drug synergy to combat doxorubicin induced cardiotoxicity," <i>Life Sci.</i> , vol. 205, pp. 97–106, 2018.	A. Jain and V. Rani	Life sciences	2018		0	Jaypee Institute of Information Technology, Noida
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"Dynamic dual threshold based schemes for abrupt scene change detection in videos," Journal of Theoretical and Applied Information Technology, Vol. 96, No. 14, July 2018, pp. 4460-4470	Thakur, M. K.	Journal of Theoretical and Applied Information Technology	2018	23	0	Jaypee Institute of Information Technology, Noida
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Towards Fault Tolerance in Wireless Sensor Networks, Journal of Global Information Management, Volume 26, Issue 3, pp. 78-89, July-September 2018. (SCIE, Scopus)IF <b>0.517</b>	Parmeet Kaur					Noida
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"An Integrated framework for Posture Recognition", International Journal of Advanced Intelligence Paradigms (IJAIP), InderScience publication, 2018 Vol.11 No.1/2, pp.132 – 142, DOI : 10.1504 / IJAIP.2018.09 2947 [indexed: SCOPUS(Elsevier), ACM Digital Library, DBLP]	Shipra Madan, Devpriya Soni, Harvinder Kaur	International Journal of Advanced Intelligence Paradigms (IJAIP)	2018		0	Jaypee Institute of Information Technology, Noida
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"New exact solutions to extended (3+ 1)-dimensional Jimbo-Miwa equations by using bilinear forms",	Kaur L., Wazwaz A. M.	Mathematical Methods in the Applied Sciences	2018	49	1	Jaypee Institute of Information Technology, Noida

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"Kak's three-stage protocol of secure quantum communication revisited: hitherto unknown strengths and weaknesses of the protocol", <i>Quantum Information Processing</i> , vol. 17, pp. 229, 2018.	Thapliyal K., Pathak A.	Quantum Information Processing	2018	44	0	Jaypee Institute of Information Technology, Noida
"Structural, magnetic and dielectric properties of Gd <sup>3+</sup> substituted NiFe <sub>2</sub> O <sub>4</sub> nanoparticles" <i>Journal of Alloys and Compounds</i> , vol. 768, pp. 287-297, 2018. [Indexed in SCOPUS, Impact factor: 3.779]	S. Joshi, M. Kumar, H. Pandey, M. Singh and P. Pal	Journal of Alloys and Compounds	2018	145	0	Jaypee Institute of Information Technology, Noida
"Zinc Oxide nanoparticles (ZnO NP) mediated regulation of bacosides biosynthesis and transcriptional correlation of	P. Bhardwaj, N. Goswami, P. Narula, C. K. Jain, A. Mathur	Plant Physiology and Biochemistry	2018		0	Jaypee Institute of Information Technology, Noida

HMG-CoA reductase gene in suspension culture of <i>Bacopa monnieri</i> ", <i>Plant Physiology and Biochemistry</i> , vol. 130, pp. 148-156 (2018). (Indexed in Scopus, Impact Factor: 2.718).				14		
"Enhanced efficiency of PbS quantum dot-sensitized solar cells using plasmonic photoanode", <i>Journal of Nanoparticle Research</i> , 20 (2018) 198-213.	Bhardwaj. S , Pal. A , Chatterjee. K, H Rana. T. H, Bhattacharya. G, Sinha Roy. S, Chowdhury. P, Sharma. G. D, Biswas. S	Journal of Nanoparticle Research	2018	108	0	Jaypee Institute of Information Technology, Noida
"Magnetic field generation by amplitude modulated laser pulse in a rippled plasma" <i>Optik</i> , vol. 172, pp. 437-442, 2018. [Indexed in SCOPUS, Impact factor: 1.191]	S. Baliyan, M. Rafat, A. Panwar, V. Sajal, C. M. Ryu	Optik	2018	46	0	Jaypee Institute of Information Technology, Noida
"Molecular-Docking Study of Anti-Stress Natural Compounds Against GABA <sub>A</sub> Receptor Portends the Novel Approach to Stress Treatment". <i>Journal of Applied</i>	A. Negi, P. Singh, N. Taneja, <b>S. Mani</b>	Journal of Applied Pharmaceutica I Science	2018		0	Jaypee Institute of Information Technology, Noida

<i>Pharmaceutica I Science</i> . Vol 8, pp. 38-43, 2018				28		
"Long- and short-term protective responses of rice seedling to combat Cr(VI) toxicity," <i>Environ. Sci. Pollut. Res.</i> , vol. 25, no. 36, pp. 36163–36172, 2018.	S. Dubey, A. Gupta, A. Khare, G. Jain, S. Bose, and <b>V. Rani</b>	Environmental Science and Pollution Research	2018	82	0	Jaypee Institute of Information Technology, Noida
"Toxicity and detoxification of heavy metals during plant growth and metabolism," <i>Environmental Chemistry Letters</i> , vol. 16, no. 4. pp. 1169–1192, 2018.	S. Dubey, M. Shri, A. Gupta, <b>V. Rani</b> , 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.	S. Saxena, A. Gupta, V. Shukla, and <b>V. Rani</b>	3 Biotech	2018		0	Jaypee Institute of Information Technology, Noida
NOPHISH: A PHISH DETECTOR IN CLOUD SERVICES, <i>Telecommunications and Radio Engineering</i> , Vol 77 Issue 12 (2018)	J. K. Seth, S. Kumar, S. Chandra	Telecommunications and Radio Engineering, Vol 77 Issue 12 (2018)	2018	15	0	Jaypee Institute of Information Technology, Noida
Test Case Generation Using Progressively	Arora, A.	Recent Patents on Computer Science,	2018		0	Jaypee Institute of Information Technology,

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"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 of Social Sciences and Humanities</i> , 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". <i>Young Consumers</i> , 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	Ahuja V., & Alavi S.	Journal of Relationship Marketing	2018		0	Jaypee Institute of Information Technology, Noida

using Netnography and Social Media Analytics: A Study of Jet Airways". Journal of Relationship Marketing, Vol 17, No 3, pp 171-187, December 2018.				22		
"Entropy generation analysis for non-similar analytical study of nanofluid flow and heat transfer under the influence of aligned magnetic field," <i>Alexandria engineering journal</i> , vol 57, pp. 3299--3310, 2018.	Rana, P. and Shukla, N.	Alexandria Engineering Journal	2018	36		Jaypee Institute of Information Technology, Noida
"Travelling and Shock Wave Simulations in a Viscous Burgers'Equation with Periodic Boundary Conditions"Int J. Computational and Applied Mathematics, vol. 4, No. 16 , pp. 150,2018	Mittal, R.C., & Rohila, R.	Int J. Computational and Applied Mathematics	2018		0	Jaypee Institute of Information Technology, Noida
"Integrated Fuzzy Control to Power Management on Event Based Wireless Sensor Node model" in Proceedings of IEEE International Conference on Internet of Things: Smart Innovation and	S. Shekhar, R. Raj, A. Kumar, G.Verma, P. Raj		2018		0	Jaypee Institute of Information Technology, Noida

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"Quality Business School education and the expectations of the corporate-A research agenda", <i>Procedia Computer Science</i> , Vol.13 9, pp.561-569,2018.	Vandana Ahuja, Shriram Purankar	Science Direct, Procedia Computer Science	2018	47	0	Jaypee Business School
"Saccharothrix tharensis sp. nov., an actinobacterium isolated from the Thar Desert, India" <i>Antonie Van Leeuwenhoek</i> , Vol. 111, issue 11, pp. 2141-2147, 2018. <a href="https://doi.org/10.1007/s10482-018-1106-9">https://doi.org/10.1007/s10482-018-1106-9</a> , 2018.	A. Ibeyaima, A.K. Singh, Rup Lal, S. Gupta, M. Goodfellow, I.P. Sarethy	Antonie Van Leeuwenhoek	2018	98	0	Jaypee Institute of Information Technology, Noida
"Comparative evaluation of four triterpenoid glycoside saponins of Bacside A in alleviating sub-cellular oxidative stress of N2a neuroblastoma cells ", <i>Journal of Pharmacy and Pharmacology</i> , Vol. 70, pp. 1531-1540, 2018.	P. Bhardwaj, C.K. Jain, <b>A. Mathur.</b>	Journal of Pharmacy and Pharmacology	2018	107	1	Jaypee Institute of Information Technology, Noida
"Bio Pharmaceutics Classification System (BCS) Class IV Drug Nanoparticles: Quantum Leap to Improve Their Therapeutic	S. Kumar, R. Kaur, R. Rajput, <b>M. Singh</b>	Advance Pharmaceutica I Bulletin	2018	23	0	Jaypee Institute of Information Technology, Noida

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"Standardization of virtual-screening and post-processing protocols relevant to <i>in-silico</i> drug discovery." 3 <i>Biotech</i> . Vol. 8:504, 2018.	S. Gupta, A. M. Lynn and <b>V. Gupta</b>	Springer	2018		0	Jaypee Institute of Information Technology, Noida
Comparative evaluation of four triterpenoid glycoside saponins of Bacoside A in alleviating sub-cellular oxidative stress of N2a neuroblastoma cells, <i>Journal of Pharmacy and Pharmacology</i> , Vol. 70, pp. 1531-1540, 2018. 2018	Bhardwaj, P., Jain,C.K., Mathur, A.	<i>Journal of Pharmacy and Pharmacology</i>	2018	107	0	Jaypee Institute of Information Technology, Noida
"An image segmentation method using logarithmic kbest gravitational search algorithm based superpixel clustering", <i>Evolutionary Intelligence</i> , vol. xx, pp. 1-13, 2018, Springer.	Himanshu Mittal and Mukesh Saraswat	<i>Evolutionary Intelligence</i>	2018	19	2	Jaypee Institute of Information Technology, Noida
"Dichotomized Incenter Fuzzy Triangular Ranking Approach to Optimize Interval Data Based Transportation Problem," <i>Cybernetics and</i>	Srivastava, P. K. and Bisht,D. C. S.	<i>Cybernetics and Information Technologies</i>	2018	11	0	Jaypee Institute of Information Technology, Noida



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"Recognition of noise source in multi sounds field by modified random localized based DE algorithm", <i>International Journal of System Assurance Engineering and Management</i> , Springer. Vol 9, issue, 1, pp. 245-261, 2018	Kumar, P., Pant,M.	<i>International Journal of System Assurance Engineering and Management</i> , Springer.	2018	18	0	Jaypee Institute of Information Technology, Noida
"Classical light vs. nonclassical light: Characterizations and interesting applications." <i>Journal of Electromagnetic Waves and Applications</i> , vol. 32, pp. 229-264, 2018.	A. Pathak and A. Ghatak.	<i>Journal of Electromagnetic Waves and Applications</i>	2018	46	3	Jaypee Institute of Information Technology, Noida
"Structural, magnetic, dielectric, vibrational and optical properties of Zr substituted $\text{Bi}_{0.90}\text{Gd}_{0.10}\text{FeO}_3$ multiferroics" <i>Journal of Alloys and Compounds</i> , vol. 735, pp. 684-691, 2018. [Indexed in SCOPUS, Impact factor: 3.779]	M. Kumar, M. Arora, S. Chauhan and H. Pandey	<i>Journal of Alloys and Compounds</i>	2018	145	0	Jaypee Institute of Information Technology, Noida
"Fabrication of efficient dye-sensitized solar cells with photoanode containing	Bhardwaj S, Pal. A, Chatterjee K. H., Rana T. H, Bhattacharya. G, Sinha Roy.	<i>Journal of Materials Science: Materials in Electronics</i>	2018		0	Jaypee Institute of Information Technology, Noida

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"Cytotoxicity of Graphene Oxide (GO) and Graphene Oxide Conjugated Losartan Potassium (GO-LP) on Neuroblastoma (NB41A3) Cells", <i>Journal of Nanoscience and Nanotechnology</i> , 18, 1-11, 2018	R. Kaur, S. Verma, P. Joshi, S. P. Singh, <b>M. Singh.</b>	Journal of Nanoscience and Nanotechnology	2018	95	0	Jaypee Institute of Information Technology, Noida
"Impact of Antibiotics on Plants", <i>Int. J. Pharm. Sci. Rev. Res.</i> , 52(1), 49-53, 2018	E. Bhatt, <b>P. Gauba</b>	International Journal of Pharmaceutical Sciences Review & Research	2018	24	0	Jaypee Institute of Information Technology, Noida
"Impact of Antibiotics on Plant Growth " <i>World Journal of Pharmaceutical Research</i> , 7(18), 684-688 (PubMed, google scholar)	R. Barnwal and <b>P. Gauba</b>	World Journal of Pharmaceutical Research	2018		0	Jaypee Institute of Information Technology, Noida
"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, <b>S. Srivastava</b>	3Biotech	2018		0	Jaypee Institute of Information Technology, Noida
"Selegiline nanoformulation in attenuation of oxidative	S. Kumar, <b>S. Dang</b> , K. Nigam, J. Ali, S. Baboota	Rejuvenation research	2018	54	0	Jaypee Institute of Information Technology, Noida

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, <a href="https://doi.org/10.1089/rej.">https://doi.org/10.1089/rej.</a>						
Named Entity Recognition in Hindi Using Hyperspace Analogue to Language and Conditional Random Field. <i>Pertanika Journal of Science and Technology</i> , 26(4), 1801-1822. [Indexed in Scopus; H index: 8] (2018).	Jain, A., & Arora, A.	<i>Pertanika Journal of Science and Technology</i>	2018	10	0	Jaypee Institute of Information Technology, Noida
OntoHindi NER – An Ontology Based Novel Approach for Hindi Named Entity Recognition. <i>International Journal of Artificial Intelligence (IJAI)</i> , 16(2), 106-135. [Indexed in Scopus; H index:17] (2018).	Jain, A., Tayal, D.K., Arora, A.	<i>International Journal of Artificial Intelligence (IJAI)</i>	2018	20	0	Jaypee Institute of Information Technology, Noida
Named Entity System for Tweets in Hindi Language. <i>International Journal of Intelligent Information Technologies (IJIIT)</i> , 14(4), 55-76, IGI Global.[Indexe	Jain, A., & Arora, A.	<i>International Journal of Intelligent Information Technologies</i>	2018		0	Jaypee Institute of Information Technology, Noida

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"Automatic Detection of Career Recommendation Using Fuzzy Approach." <i>Journal of Information Technology Research (JITR)</i> 11.4 (2018): 99-121.	Krishnamurthi, Rajalakshmi, and Mukta Goyal.	Journal of Information Technology Research	2018	9	0	Jaypee Institute of Information Technology, Noida
"Named Entity System for Tweets in Hindi Language", <i>International Journal of Intelligent Information Technologies (IJIT)</i> , vol. 14, no. 4, pp. 55-76, IGI GLOBAL, Oct. 2018.	Jain, A., and Arora, A.	International Journal of Intelligent Information Technologies	2018	14	0	Jaypee Institute of Information Technology, Noida
"Outliers in Data Mining: Approaches and Detection", <i>International Journal of Engineering &amp; Technology</i> , Vol 7, No 4.39, pp. 189-198, ISSN 2227-524X , 2018, <a href="http://dx.doi.org/10.14419/ijet.v7i4.39.23930">http://dx.doi.org/10.14419/ijet.v7i4.39.23930</a> . <b>[indexed: SCOPUS]</b>	<b>Deepti Mishra,</b> <b>Devpriya Soni</b>	International Journal of Engineering & Technology	2018	20	0	Jaypee Institute of Information Technology, Noida
"Towards Risk Based Effort Estimation: A Framework to Identify, Analyze and Classify Risk for Early Identification at Requirement Engineering	Chandani P., <b>Gupta C.</b>	International Journal of Information System Modelling and Design	2018		0	Jaypee Institute of Information Technology, Noida

Phase", <i>International Journal of Information System Modelling and Design</i> , Vol.9(4), pp. 54-71, 2018.						
"Emotional Stability and Self-Esteem as Mediators Between Mindfulness and Happiness", <i>Journal of Happiness Studies</i> , pp. 1-16. 2018	Bajaj, B., Gupta, R., Sengupta, S.	Journal of Happiness Studies	2018	57	0	Jaypee Institute of Information Technology, Noida
"Dynamic response of normal moving load on a transversely isotropic piezoelectric half-space with parabolic irregularity", <i>Waves in Random and Complex Media</i> , vol.28, pp. 601-623, 2018.	Kumari P., Modi C., Sharma V. K.	Waves in Random and Complex Media	2018	40	2	Jaypee Institute of Information Technology, Noida
"Institutional perspectives of dividend policy in India", Qualitative Research in Financial Markets, Vol. 10 (3), pp.324-342, (2018) .	H. Kent Baker, Sujata Kapoor, Imad Jabbouri	Qualitative Research in Financial Markets	2018	12	0	Jaypee Business School
"Zinc Oxide nanoparticles (ZnO NP) mediated regulation of bacside biosynthesis and transcriptional correlation of HMG-CoA	P. Bhardwaj, N. Goswami, P. Narula, C.K. Jain, <b>A. Mathur.</b>	Plant Physiology and Biochemistry	2018	14	0	Jaypee Institute of Information Technology, Noida

reductase gene in suspension culture of <i>Bacopa monnieri</i> ". <i>Plant Physiology and Biochemistry</i> , 130. 148-156, 2018.						
"Bromhexine: a comprehensive review". <i>Int J Biol Med Res</i> .vol 9(3): pp 6455-6459, 2018	A. Bhagat and <b>Rachana</b>	International journal of Biological and Medical Research	2018		0	Jaypee Institute of Information Technology, Noida
"Curcumin-mediated effects on anti-diabetic drug-induced cardiotoxicity," <i>3 Biotech</i> , vol. 8, no. 9, 2018.	A. Jain and <b>V. Rani</b>	3 Biotech	2018		0	Jaypee Institute of Information Technology, Noida
"Differential Bond Energy Algorithm for Optimal Vertical Fragmentation of Distributed Databases" , <i>Journal of King Saud University Computer and Information Sciences</i> , 2018.	S. Mehta, P. Agarwal, P. Shrivastava, J. Barlawala	Journal of King Saud University Computer and Information Sciences	2018		0	Jaypee Institute of Information Technology, Noida
An Effective DOS Attack Detection Model in Cloud Using Artificial Bee Colony Optimization, <i>3D Research</i> , Springer Nature, Vol/Issue: 9:44, September,2018	Jitendra Kumar Seth . Satish Chandra	3D Research, Springer Nature	2018	19	0	Jaypee Institute of Information Technology, Noida
"StuA: An Intelligent Student Assistant," <i>International Journal of Interactive</i>	P. Lodhi, O. Mishra, S. Jain, and V. Bajaj	International Journal of Interactive Multimedia and Artificial Intelligence	2018		0	Jaypee Institute of Information Technology, Noida

<i>Multimedia and Artificial Intelligence</i> , vol. 5, no. 2, p. 17, 2018.						
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"Word sense-based approach for Hindi to Tamil machine translation using English as pivot language", <i>International Journal of Advanced Intelligence Paradigm</i> , Vol 11(3/4), pp. 284-298	Vimal Kumar, K., Yadav, D.	International Journal of Advanced Intelligence Paradigm	2018	8	0	Jaypee Institute of Information Technology, Noida
"Emotional Intelligence: Exploring the Road beyond Personality and Cognitive Intelligence", <i>Pertanika Journal of Social Sciences &amp; Humanities</i> , vol. 26, no. 3, pp. 1227-1239, 2018.	Gupta, R., Bajaj, B.	Pertanika Journal of Social Sciences & Humanities	2018		0	Jaypee Institute of Information Technology, Noida

"A new nonlinear integrable fifth-order equation: multiple soliton solutions with unusual phase shifts", <i>Physica Scripta</i> , vol. 93, pp. 115201, 2018.	Wazwaz A. M., Kaur L.	Physica Scripta	2018	71	2	Jaypee Institute of Information Technology, Noida
"Lower order and higher order entanglement in four-wave mixing process." <i>Annalen der Physik</i> , vol. 530, pp. 1700160, 2018. (Indexed in SCOPUS, Impact Factor = 3.039).	M. Das, B. Sen, A. Ray and A. Pathak.	Annalen der Physik	2018	50	0	Jaypee Institute of Information Technology, Noida
"Orthogonal-state-based and semi-quantum protocols for quantum private comparison in noisy environment", <i>International Journal of Quantum Information</i> , vol. 16, pp. 1850047, 2018.	Thapliyal K., Sharma R. D., Pathak A.	International Journal Quantum Information	2018	31	0	Jaypee Institute of Information Technology, Noida
"miRNA in oncogenesis", <i>Trends in Cancer Research and Chemotherapy</i> . vol 1(2), pp. 1-4, 2018.	M. Verma., <b>S. Bhattacharya</b>	Trends in Cancer Research and Chemotherapy	2018		0	Jaypee Institute of Information Technology, Noida
"Carbon Sequestration: A Solution to Global Problem". <i>World Journal</i>	A. Saxena and <b>P. Gauba.</b>	World Journal of Pharmaceutical Research	2018		0	Jaypee Institute of Information Technology, Noida



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"A new perspective to Stable Marriage Problem in profit maximization of matrimonial websites," Journal of Information Processing System, Vol. 14, No. 4, August 2018, pp. 961-979	Bhatnagar, A., Gambhir, V., and Thakur, M. K.	Journal of Information Processing System (JIPS)	2018		1	Jaypee Institute of Information Technology, Noida
				19		
"Performance evaluation of various On-Chip topologies," Journal of Theoretical and Applied Information Technology, Vol. 96, No. 15, August 2018, pp. 4883-4893	Joshi, B. and Thakur, M. K.	Journal of Theoretical and Applied Information Technology	2018		0	Jaypee Institute of Information Technology, Noida
				23		
"Three-Level Learning for Improving Cross-Project Logging Prediction for If-Blocks", <i>Journal of King Saud University - Computer and Information Sciences</i> , 2018, Elsevier. doi: <a href="http://dx.doi.org/10.1016/j.jksuci.2017.07.006">http://dx.doi.org/10.1016/j.jksuci.2017.07.006</a> .	Lal S., Sardana N., Sureka A.	Journal of King Saud University - Computer and Information Sciences	2018	19	0	Jaypee Institute of Information Technology, Noida
"iABC: Towards a hybrid	Bhatt AJ, Gupta C, Mittal S.	Journal of Information Security and	2018		0	Jaypee Institute of Information

framework for analyzing and classifying behaviour of iOS applications using static and dynamic analysis". Journal of Information Security and Applications 2018 Aug 1; Volume 41: pp. 144-158. Elsevier, UK <a href="https://doi.org/10.1016/j.jisa.2018.07.005">https://doi.org/10.1016/j.jisa.2018.07.005</a>		Applications				Technology, Noida
"Robust video watermarking using significant frame selection based on coefficient difference of lifting wavelet transform", Multimedia Tools and Applications, 77, pp. 19659-19678, 2018.	Bhardwaj, Anuj; Verma, Vivek Singh; Jha, Rajib Kumar	Multimedia Tools and Applications	2018	31 52	3	Jaypee Institute of Information Technology, Noida
"Optical solitons for perturbed Gerdjikov–Ivanov equation", Optik , vol.174, pp.447, 2018.	Kaur L., Wazwaz A. M.	Optik	2018	46	3	Jaypee Institute of Information Technology, Noida
"Effect of Suspended Particles on Thermosolutal Convection of Rivlin-Ericksen Fluid in Porous Medium with Variable Gravity" <i>Int. J. of Applied Mechanics and Engineering</i> , vol.23, No.3, pp.813-820, 2018.	Aggarwal, A. K. and Dixit, D.	International Journal of Applied Mechanics and Engineering	2018	5	0	Jaypee Institute of Information Technology, Noida

<p>“Higher-order nonclassical properties of a shifted symmetric cat state and a one-dimensional continuous superposition of coherent states”, <i>International Journal of Theoretical Physics</i>, vol. 57, pp. 3443-3456, 2018.</p>	<p>Alam N., Mandal K. , Pathak A.</p>	<p>Int. J. Theor. Phys.</p>	<p>2018</p>	<p>54</p>	<p>0</p>	<p>Jaypee Institute of Information Technology, Noida</p>
<p>"Analysis of Employability skill gap among Information Technology professionals", <i>International Journal of Human Capital Management and Information Technology Professionals</i>, Vol 9(3), 53-69, 2018.</p>	<p>Misra, R.K., Khurana, K.</p>	<p>International Journal of Human Capital Management and Information Technology Professionals</p>	<p>2018</p>	<p></p>	<p>0</p>	<p>Jaypee Business School</p>
<p>Generation of Trust Using Social Networking Sites: A Comparative Analysis of Online Apparel Brands Across Social Media Platforms. <i>International Journal of Management Practice</i>, July 2018.</p>	<p>Radhika Sharma, Shirin Alavi, Vandana Ahuja</p>	<p>International Journal of Management Practice</p>	<p>2018</p>	<p>9</p>	<p>0</p>	<p>Jaypee Business School</p>
<p>“Assessment of herb-drug synergy to combat doxorubicin induced cardiotoxicity,” <i>Life Sci.</i>, vol. 205, pp. 97–</p>	<p>A. Jain and V. Rani</p>	<p>Life sciences</p>	<p>2018</p>	<p></p>	<p>0</p>	<p>Jaypee Institute of Information Technology, Noida</p>

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“Dynamic dual threshold based schemes for abrupt scene change detection in videos,” Journal of Theoretical and Applied Information Technology, Vol. 96, No. 14, July 2018, pp. 4460-4470	Thakur, M. K.	Journal of Theoretical and Applied Information Technology	2018	23	0	Jaypee Institute of Information Technology, Noida
Mobile Sink as Checkpoints for Fault Detection Towards Fault Tolerance in Wireless Sensor Networks, Journal of Global Information Management, Volume 26, Issue 3, pp. 78-89, July-September 2018. (SCIE, Scopus)IF <b>0.517</b>	Pritee Parwekar, Sireesha Rodda and Parmeet Kaur	Journal of Global Information Management	2018	37	1	Jaypee Institute of Information Technology, Noida
“An Integrated framework for Posture Recognition”, International Journal of Advanced Intelligence Paradigms (IJAIP), InderScience publication, 2018 Vol.11 No.1/2, pp.132 – 142, DOI : 10.1504 / IJAIP.2018.09 2947 <b>[indexed: SCOPUS(Else</b>	Shipra Madan, Devpriya Soni, Harvinder Kaur	International Journal of Advanced Intelligence Paradigms (IJAIP)	2018	8	0	Jaypee Institute of Information Technology, Noida

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"Financial Inclusion in South Asia—Relative Standing, Challenges and Initiatives", <i>South Asian Survey</i> , Vol 23, no. 2, pp. 158 – 179, July 2018	Mani, M.,	South Asian Survey	2018	9	0	Jaypee Institute of Information Technology, Noida
"New exact solutions to extended (3+ 1)-dimensional Jimbo-Miwa equations by using bilinear forms", <i>Mathematical Methods in the Applied Sciences</i> , vol. 41, pp.7566, 2018.	Kaur L., Wazwaz A. M.	Mathematical Methods in the Applied Sciences	2018	49	1	Jaypee Institute of Information Technology, Noida
"Painlevé analysis and invariant solutions of generalized fifth-order nonlinear integrable equation", <i>Nonlinear Dynamics</i> , vol. 94, pp. 2469, 2018.	Kaur L., Wazwaz A. M.	Nonlinear Dynamics	2018	97	4	Jaypee Institute of Information Technology, Noida
"Kak's three-stage protocol of secure quantum communication revisited: hitherto unknown strengths and weaknesses of the protocol", <i>Quantum Information Processing</i> , vol. 17, pp. 229, 2018.	Thapliyal K., Pathak A.	Quantum Information Processing	2018	44	0	Jaypee Institute of Information Technology, Noida
"Structural, magnetic and dielectric properties of	S. Joshi, M. Kumar, H. Pandey, M. Singh and P.	Journal of Alloys and Compounds	2018		0	Jaypee Institute of Information Technology,

Gd <sup>3+</sup> substituted NiFe <sub>2</sub> O <sub>4</sub> nanoparticles” <i>Journal of Alloys and Compounds</i> , vol. 768, pp. 287-297, 2018. [Indexed in SCOPUS, Impact factor: 3.779]	Pal					Noida
				145		
“Zinc Oxide nanoparticles (ZnO NP) mediated regulation of bacosides biosynthesis and transcriptional correlation of HMG-CoA reductase gene in suspension culture of <i>Bacopa monnieri</i> ”, <i>Plant Physiology and Biochemistry</i> , vol. 130, pp. 148-156 (2018). (Indexed in Scopus, Impact Factor: 2.718).	P. Bhardwaj, N. Goswami, P. Narula, C. K. Jain, A. Mathur	Plant Physiology and Biochemistry	2018		0	Jaypee Institute of Information Technology, Noida
				14		
“Enhanced efficiency of PbS quantum dot-sensitized solar cells using plasmonic photoanode”, <i>Journal of Nanoparticle Research</i> , 20 (2018) 198-213.	Bhardwaj. S , Pal. A , Chatterjee. K, H Rana. T. H, Bhattacharya. G, Sinha Roy. S, Chowdhury. P, Sharma. G. D, Biswas. S	Journal of Nanoparticle Research	2018	108	0	Jaypee Institute of Information Technology, Noida
“Magnetic field generation by amplitude modulated laser pulse in a rippled	S. Baliyan, M. Rafat, A. Panwar, V. Sajal, C. M. Ryu	Optik	2018		0	Jaypee Institute of Information Technology, Noida

plasma" Optik, vol. 172, pp. 437-442, 2018. [Indexed in SCOPUS, Impact factor: 1.191]				46		
"Molecular-Docking Study of Anti-Stress Natural Compounds Against GABA <sub>A</sub> Receptor Portends the Novel Approach to Stress Treatment". <i>Journal of Applied Pharmaceutica I Science</i> . Vol 8, pp. 38-43, 2018	A. Negi, P. Singh, N. Taneja, <b>S. Mani</b>	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. Pollut. Res.</i> , vol. 25, no. 36, pp. 36163–36172, 2018.	S. Dubey, A. Gupta, A. Khare, G. Jain, S. Bose, and <b>V. Rani</b>	Environmental Science and Pollution Research	2018	82	0	Jaypee Institute of Information Technology, Noida
"Toxicity and detoxification of heavy metals during plant growth and metabolism," <i>Environmental Chemistry Letters</i> , vol. 16, no. 4. pp. 1169–1192, 2018.	S. Dubey, M. Shri, A. Gupta, <b>V. Rani</b> , and D. Chakrabarty	Environmental Chemistry Letter	2018	50	0	Jaypee Institute of Information Technology, Noida
"Functional annotation of differentially expressed fetal cardiac	S. Saxena, A. Gupta, V. Shukla, and <b>V. Rani</b>	3 Biotech	2018		0	Jaypee Institute of Information Technology, Noida

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"Structural, morphological, magnetic and optical study of co-precipitated Nd <sup>3+</sup> 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
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<p>“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)</p>	<p>A. Mukhopadhyay, B Sen, K. Thapliyal, S. Mandal and A. Pathak.</p>	<p>Quantum Information Processing</p>	<p>2019</p>	<p>44</p>	<p>0</p>	<p>Jaypee Institute of Information Technology, Noida</p>
<p>“Bose-condensed optomechanical-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)</p>	<p>N. Alam, K. Thapliyal, A. Pathak, B. Sen, A. Verma and S. Mandal.</p>	<p>European Physical Journal D</p>	<p>2019</p>	<p>78</p>	<p>0</p>	<p>Jaypee Institute of Information Technology, Noida</p>
<p>“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)</p>	<p>K. Thapliyal and A. Pathak.</p>	<p>Quantum Information Processing</p>	<p>2019</p>	<p></p>	<p>0</p>	<p>Jaypee Institute of Information Technology, Noida</p>

				44		
“Generalized binomial state: Nonclassical features observed through various witnesses and a quantifier of nonclassicality,” Optics Communication. vol. 445 pp. 193-203 (2019) (Impact Factor = 1.888)	K. Mandal, N. Alam, A. Verma, A. Pathak and J. Banerjee.	Optics Communication	2019		0	Jaypee Institute of Information Technology, Noida
				120		
“Lower-and-higher-order nonclassical features in non-degenerate hyper-Raman processes,” Optics Communication vol. 444 pp. 111-119, (2019) (Impact Factor = 1.888)	K. Thapliyal, A. Pathak, B. Sen, J. Perina.	Optics Communication	2019		0	Jaypee Institute of Information Technology, Noida
				120		
“Quantum Zeno effect and nonclassicality in a PT symmetric system of coupled cavities”, Physical Review A, vol. 99 p. 023820, (2019) (Impact Factor = 2.907)	J. Naikoo, K. Thapliyal, S. Banerjee and A. Pathak	Physical Review A	2019	237	0	Jaypee 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)				50		
“Indium tin oxide and silver based fiber optic SPR sensor: an experimental study”, <i>Optical and Quantum Electronics</i> , vol. 51, pp. 125, 2019. [Impact factor: 1.168]	Kapoor V., Sharma N. K., Sajal V.	Optical and Quantum Electronics	2019	51	0	Jaypee Institute of Information Technology, Noida
“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., <b>Sharma N. K., Sajal V.</b>	Optik	2019	46	0	Jaypee Institute of Information Technology, Noida
“Excitation of terahertz radiation by parametric coupling of a laser beam and its frequency shifted second harmonic in a corrugated magnetized plasma”, <i>Optik</i> , vol. 179, pp. 401-407, 2019. [Impact factor: 1.914]	Mann K. L., Sajal V., Panwar A., Sharma N. K.	Optik	2019	46	0	Jaypee Institute of Information Technology, Noida
“Suppression of stimulated Raman side-scattering of a laser in a plasma in presence of co-propagating electron beam”, <i>Optik</i> , 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(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
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/ agency/ collaborating agency	Number of teachers coordinated in such activities	Number of students participated in such activities
Education Drive	Sewa India Group/NSS	2	56
Education Drive	Udayan Care/NSS	2	15
Women Empowerment Drive	Sewa India Group/NSS	2	8
Consumer Rights	Sewa India 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
<b>Total</b>			<b>485</b>

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

Name of the activity	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
<b>Swachh Bharat Summer Internship Programme June 2018- July 2018</b>	Ministry of Human Resource Development in association with the Ministry of Drinking Water and Sanitation	<ul style="list-style-type: none"> <li>• Organized movie screenings</li> <li>• Waste Collection Drives</li> <li>• Wall Paintings</li> <li>• Door-to-door meetings</li> <li>• Awareness Campaigns</li> <li>• Helping in construction of toilets</li> <li>• Conducting Village or School-level Rallies</li> <li>• Street Cleaning- Drain Cleaning- Cleaning of back alleys</li> <li>• Segregation of solid waste into non-biodegradable and biodegradable waste</li> <li>• Developm</li> </ul>	1	19

		ent of Compost Pits <ul style="list-style-type: none"> <li>• Promoting Digital Tools for Swachhata</li> <li>• Swachhata Mela</li> <li>• Nukkad Natak</li> <li>• Plans for Installation of Biogas</li> <li>• Transportation of Household waste</li> </ul>		
<b>Unnat Bharat Abhiyan</b>	July 2018	<ul style="list-style-type: none"> <li>• Village Survey</li> <li>• Household Survey</li> </ul>	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 <sup>th</sup> 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 Project	Internship	Abhidhya Tech	1-Feb-19	30-Jun-19	ANANT BANSAL
Industrial Project	Internship	Abyeti Tech	1-Feb-19	30-Jun-19	UTKARSH SHRIVASTAV
Industrial Project	Internship	Accolite	1-Feb-19	30-Jun-19	UTKARSH TRIPATHI
Industrial Project	Internship	Accolite	1-Feb-19	30-Jun-19	TANAY 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 AGARWAL
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 Project	Internship	Click Labs	1-Feb-19	30-Jun-19	SAKSHAM



Project					GUPTA
Industrial Project	Internship	Cognizant	1-Feb-19	30-Jun-19	AKSHAY 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 PURKAYASTHA
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	CPA	1-Feb-19	30-Jun-19	PRATYUSH
Industrial Project	Internship	CPA	1-Feb-19	30-Jun-19	SAKSHI DHIMAN
Industrial Project	Internship	CrediHealth	1-Feb-19	30-Jun-19	SAHIL GUMBER

Industrial Project	Internship	CrediHealth	1-Feb-19	30-Jun-19	MANSI MESHAM
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 VIJAYVARGIYA
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 NAGPAL
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 Project	Internship	FICO	1-Feb-19	30-Jun-19	ANUJ SARASWAT
Industrial Project	Internship	FICO	1-Feb-19	30-Jun-19	PRASHANT 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 Project	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 Project	Internship	Infosys	1-Feb-19	30-Jun-19	SAIYED QASIM ALI
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	VIDUSHI JAIN
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	YAGYESH BAJPAI
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	YOGESH KUMAR BANSAL
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	RATIK AGRAWAL
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SHUBHAM AGGARWAL
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	DEEPANSHU SACHDEVA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	KOPAL GUPTA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	RAGHAV
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SHUBHAM SOOD
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SUSHANT AHUJA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	PULKIT JAIN
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	RAHUL GUPTA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SWAPNIL GUPTA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	ABHISHEK SOLANKI
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	AMAN GUPTA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SHIVAM BANSAL
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	ANAMIKA GUPTA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	DIVYAM BANSAL
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	HIMANSHU BABBAR
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	PURU JAIN
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SHUBHAM MATHUR
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	YASH GARG
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	AYUSHI BAIRARIA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	NITISHA AGARWAL
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	RAJAT BANSAL
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SAHIL JAIN
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SHUBHAM KARPA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	YAJAT GUPTA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	ROUNAK SONI
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	ABHINAV

Project					GAUTAM
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	SIDDHARTH AGARWAL
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	ABHINAV SHARMA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	KRISHANA RAJ MAHESHWARI
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	RISHABH MALHOTRA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	NAINCY SAXENA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	MAHAK SHARMA
Industrial Project	Internship	Infosys	1-Feb-19	30-Jun-19	ANMOL GARG
Industrial Project	Internship	Interview Bit	1-Feb-19	30-Jun-19	SARAANSH BARANWAL
Industrial Project	Internship	Interview Bit	1-Feb-19	30-Jun-19	AKSHITA BANSAL
Industrial Project	Internship	Interview Bit	1-Feb-19	30-Jun-19	DHEERAIN JAIN
Industrial Project	Internship	Interview Bit	1-Feb-19	30-Jun-19	ABHISHEK TIWARI
Industrial Project	Internship	Josh Tech	1-Feb-19	30-Jun-19	SHARAD DADHICH
Industrial Project	Internship	Josh Tech	1-Feb-19	30-Jun-19	JATIN SHARMA
Industrial Project	Internship	Josh Tech	1-Feb-19	30-Jun-19	SARTHAK KAPOOR
Industrial Project	Internship	Josh Tech	1-Feb-19	30-Jun-19	SHIVAM SINGH
Industrial Project	Internship	Josh Tech	1-Feb-19	30-Jun-19	YUGANK SHARMA
Industrial Project	Internship	Josh Tech	1-Feb-19	30-Jun-19	AVANTIKA GUPTA
Industrial Project	Internship	Kony	1-Feb-19	30-Jun-19	SAKSHAM RAJ SETH
Industrial Project	Internship	Kony	1-Feb-19	30-Jun-19	NANDINI NEMA
Industrial Project	Internship	Kuliza	1-Feb-19	30-Jun-19	KHYATI SEHGAL
Industrial Project	Internship	Kuliza	1-Feb-19	30-Jun-19	KARTIK SHARMA
Industrial Project	Internship	Kuliza	1-Feb-19	30-Jun-19	AMAN AGGARWAL
Industrial Project	Internship	Kuliza	1-Feb-19	30-Jun-19	SAKSHI SHARMA
Industrial Project	Internship	Kwench	1-Feb-19	30-Jun-19	DRAVIT LOCHAN GUPTA
Industrial Project	Internship	Mentor Graphics	1-Feb-19	30-Jun-19	ADITYA GARG
Industrial Project	Internship	Mtree	1-Feb-19	30-Jun-19	SARTHAK MENDIRATTA
Industrial Project	Internship	Mtree	1-Feb-19	30-Jun-19	AYUSHI GUPTA
Industrial Project	Internship	Mtree	1-Feb-19	30-Jun-19	ASHISH BANSAL
Industrial Project	Internship	Mtree	1-Feb-19	30-Jun-19	PARUL JINDAL
Industrial Project	Internship	Mtree	1-Feb-19	30-Jun-19	SANYAM

Project					AGGARWAL
Industrial Project	Internship	Newgen Software	1-Feb-19	30-Jun-19	SARTHAK RANA
Industrial Project	Internship	Newgen Software	1-Feb-19	30-Jun-19	ROHAN KATOCH
Industrial Project	Internship	Newgen Software	1-Feb-19	30-Jun-19	SHIVAM CHIMRA
Industrial Project	Internship	Newgen Software	1-Feb-19	30-Jun-19	AYUSH SRIVASTAVA
Industrial Project	Internship	Newgen Software	1-Feb-19	30-Jun-19	SARNAV CHAUHAN
Industrial Project	Internship	Octro	1-Feb-19	30-Jun-19	DIVIJ JAIN
Industrial Project	Internship	Octro	1-Feb-19	30-Jun-19	PRATEEK PANDEY
Industrial Project	Internship	P&S Research	1-Feb-19	30-Jun-19	PURNAM HOSHE RUBA
Industrial Project	Internship	P&S Research	1-Feb-19	30-Jun-19	MAHIMA MAHESHWARI
Industrial Project	Internship	P&S Research	1-Feb-19	30-Jun-19	VIJETA PRAKASH
Industrial Project	Internship	P&S Research	1-Feb-19	30-Jun-19	PRIYANSH SRIVASTAVA
Industrial Project	Internship	P&S Research	1-Feb-19	30-Jun-19	ASMITA ARORA
Industrial Project	Internship	Piggy	1-Feb-19	30-Jun-19	PRAKHAR GUPTA
Industrial Project	Internship	Playsimple	1-Feb-19	30-Jun-19	KRITI
Industrial Project	Internship	Playsimple	1-Feb-19	30-Jun-19	RAJAT GUPTA
Industrial Project	Internship	Playsimple	1-Feb-19	30-Jun-19	NUPUR GARG
Industrial Project	Internship	Playsimple	1-Feb-19	30-Jun-19	AKSHAT AGARWAL
Industrial Project	Internship	Playsimple	1-Feb-19	30-Jun-19	ACHINT KUMAR CHAUHAN
Industrial Project	Internship	Playsimple	1-Feb-19	30-Jun-19	PIYUSH GARG
Industrial Project	Internship	Pooraa	1-Feb-19	30-Jun-19	AKSH GUPTA
Industrial Project	Internship	Pooraa	1-Feb-19	30-Jun-19	NIKHIL
Industrial Project	Internship	Pooraa	1-Feb-19	30-Jun-19	CHAITANYA KUMAR SINGLA
Industrial Project	Internship	Prime Seller Hub	1-Feb-19	30-Jun-19	PRASHANT MAHESHWARI
Industrial Project	Internship	Prime Seller Hub	1-Feb-19	30-Jun-19	PRASOON JAIN
Industrial Project	Internship	Prime Seller Hub	1-Feb-19	30-Jun-19	ANJALI AHLAWAT
Industrial Project	Internship	Roposo	1-Feb-19	30-Jun-19	ARUN KUMAR
Industrial Project	Internship	Roposo	1-Feb-19	30-Jun-19	SRIJA PANDEY
Industrial Project	Internship	Roposo	1-Feb-19	30-Jun-19	AYUSH PATHAK
Industrial Project	Internship	Roposo	1-Feb-19	30-Jun-19	YASH VARSHNEY
Industrial Project	Internship	Roposo	1-Feb-19	30-Jun-19	MUDIT

Project					KHANDELWAL
Industrial Project	Internship	Roposo	1-Feb-19	30-Jun-19	SARTHAK SEHGAL
Industrial Project	Internship	RTDS	1-Feb-19	30-Jun-19	MALLIKA SHUKLA
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	APURVA AGARWAL
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	SHIVANI VIRMANI
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	KARTIK AHUJA
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	NITIN NEPALIA
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	RUPANSH VIJ
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	AKASH GUPTA
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	SAURABH SINGLA
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	PRIYESH KUMAR
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	SURBHI SINGHAL
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	MANAN DHYANI
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	VAIBHAV ALREJA
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	KUMAR PRIYAM
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	RAJAT AGNIHOTRI
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	SOORYA NAMAN SAXENA
Industrial Project	Internship	SAP Labs	1-Feb-19	30-Jun-19	ADITYA MISHRA
Industrial Project	Internship	Squad	1-Feb-19	30-Jun-19	SHAURYA SAXENA
Industrial Project	Internship	ST Microelectronics	1-Feb-19	30-Jun-19	KAUSHTUBH KUMAR
Industrial Project	Internship	ST Microelectronics	1-Feb-19	30-Jun-19	SARTHAK KAPOOR
Industrial Project	Internship	ST Microelectronics	1-Feb-19	30-Jun-19	ABHINAV SINGH
Industrial Project	Internship	ST Microelectronics	1-Feb-19	30-Jun-19	ABHISHEK KISHORE KAUL
Industrial Project	Internship	ST Microelectronics	1-Feb-19	30-Jun-19	SIDHANTH MALHOTRA
Industrial Project	Internship	ST Microelectronics	1-Feb-19	30-Jun-19	SHARON T ALEXANDER
Industrial Project	Internship	Studypad	1-Feb-19	30-Jun-19	SHASHWAT SAHAI
Industrial Project	Internship	Studypad	1-Feb-19	30-Jun-19	AKSHAY BATRA
Industrial Project	Internship	Studypad	1-Feb-19	30-Jun-19	SHIVANK GUPTA



Industrial Project	Internship	Traveloka	1-Feb-19	30-Jun-19	NAMAN ARORA
Industrial Project	Internship	Traveloka	1-Feb-19	30-Jun-19	HARSH CHAWLA
Industrial Project	Internship	Unimrkt	1-Feb-19	30-Jun-19	PRAGYA VATS
Industrial Project	Internship	Vehant Tech	1-Feb-19	30-Jun-19	VASHU GUPTA
Industrial Project	Internship	Vehant Tech	1-Feb-19	30-Jun-19	RITIK GUPTA
Industrial Project	Internship	Vidooly	1-Feb-19	30-Jun-19	AYUSHI ASTHANA
Industrial Project	Internship	Vidooly	1-Feb-19	30-Jun-19	AVIRAL GOYAL
Industrial Project	Internship	Vidooly	1-Feb-19	30-Jun-19	PULKIT JAIN
Industrial Project	Internship	Wake Up	1-Feb-19	30-Jun-19	MOHIT VASUJA
Industrial Project	Internship	Wake Up	1-Feb-19	30-Jun-19	MAYANK RATHI
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	JASPREET SINGH ARORA
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	SIDDHARTH SANDEL
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	CHARCHIT MADAN
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	NIHARIKA AGARWAL
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	SAKSHAM SHARMA
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	YATIN CHACHRA
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	AMAN SHARMA
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	ANIRUDDH RAWAT
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	TANYA JAIN
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	SAHIL VERMA
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	AYUSH SHUKLA
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	RISHABH GOSWAMI
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	SHASHI RANJAN
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	DEEPAK MITTAL
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	ANKIT SAKLANI
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	SARTHAK TYAGI
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	PARTH ABBOT
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	PRAGATI JAGGI
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	ABHIJEET ARYAN
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	AKSHAY ANAND
Industrial Project	Internship	Wipro	1-Feb-19	30-Jun-19	SYED KASHIF

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

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
<b>No MOU has been signed in the AY 2018-19</b>			

## **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.  (a) BA - 116612 Sq.m. (b) BA - 24998 Sq.m.		96,513.00 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			

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

#### 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 partially) (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		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

#### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (GBPS)	Others
Existing	2065	46	46	5	2	2	7	1.2	
Added	173	02						0	
Total	2238	48	46	5	2	2	7	1.2	

#### 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
<b>Nil</b>	

### 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 academic facilities (Rupees in lakhs)	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities (Rupees in lakhs)	Expenditure incurred on maintenance of physical 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 in-house 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.

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<http://www.jiit.ac.in/lrcjiit/>,  
[https://docs.google.com/spreadsheets/d/1VpLIAuJ2ACu2s\\_wzn2tFD79slX9B-Qy70YIW5-4B8/pubhtml](https://docs.google.com/spreadsheets/d/1VpLIAuJ2ACu2s_wzn2tFD79slX9B-Qy70YIW5-4B8/pubhtml),  
<http://www.jiit.ac.in/biotech-gallery>,

## **CRITERION V – STUDENT SUPPORT AND PROGRESSION**

### 5.1 – Student Supports

#### 5.1.1 – Scholarships and Financial Support

	<b>Name/Title of the scheme</b>	<b>Number of students</b>	<b>Amount in Rupees</b>	
Financial Support from institution	Research Fellowship for Ph.D. Students	88	31,89,004	
	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	
<b>Financial Support from Other Sources:</b>				
a) National	Government funded projects for supporting staff (JRF+SRF+RA+PA)	DST Inspire Fellowship	4	16,08,094
		ICMR Fellowship	1	4,36,800
		RA-Ship Post Doc (DST –	1	3,61,935

		Young Scientist)		
		RA-ship	3	8,17,496
		JRF/SRF	15	45,77,705
		PA-ship	3	2,27,949
		<u>Under Direct Benefit Transfer 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
		<b>Total Fellowship</b>		<b>1,14,88,851</b>
b) International	-			<b>Nil</b>

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.,

S. No.	Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
1.	Robotics Manual orientation (Workshop, exhibition)	28th July 2017	CSE students	JIIT
2.	Meditation Workshop	27 February 2019		Yoshoda Satsang Society of India
3.	Workshop organized by CS/IT Dept.	Refer document professional and societal activities for detail on date and duration	15	The number indicates JIIT  Students participation in various workshops organized by the institute for academic/technical skill development
4.	Workshop organized by ECE		20	
5.	Workshop organized by PMSE		17	
6.	Workshop organized by Mathematics		11	
7.	Workshop organized by Biotech		17	
8.	Workshop organized by JBS		4	
9.	Workshop organized by HSS		4	
10.	Effective Self Management*	02 <sup>nd</sup> July 2018 - 15 <sup>th</sup> September 2018	68	JBS Faculty
11.	Analytical and Technical Skills*	28 <sup>th</sup> June 2018 – 15 <sup>th</sup> September 2018	48	JBS Faculty
12.	Employability Skills*	24 <sup>th</sup> Sept 2018 –	48	JBS Faculty +

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

\*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 scheme	Number of benefited students for competitive examination	Number of benefited students by career counselling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Aptitude Training	July 2018	557	Mr Eldo	
2019	Aptitude Training	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 redressed	Avg. no. of days for grievance redressal
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 organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
10Times	9	1	BlogVault	102	2
1MG	57	2	Delhivery - SW	15	13
Abhidhya	22	3	Dynata	7	2

Tech					
Abyeti technologies	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-Developer	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 Consulting	10	1	Phronesis Partners (BR)	13	0
Asahi India	1	0	Pragati	8	3
AWS	203	6	QA Info Tech	3	1
Bright Petroleum	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	<b>Total</b>		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			
Lucideus Tech	145	1			
MagicPin	145	4			



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	4	0
Octro (Diversity hiring)	50	2
OLA	420	6
Optimus	14	0
P&S Research	21	5
Paytm Bank	8	0
Phronesis Partners	31	5
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 Engineer	17	1
Reliance	4	1
RMS	7	1
Rohde & Schwarz	17	2
Roposo	81	6
RXLogix	35	13
S&P Capital IQ	9	0
Samisthi Info Tech	14	1
Samsung	55	4
SAP Labs	122	15
Sixer Class	70	0
Sixred Marbles	8	0

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
<b>Total</b>		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	<b>Total</b>	40	
Byjus	13	1			

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

Year (Dropdown)	No. of students enrolling into higher education	Programme graduated from	Name / Department graduated from	Name of institution joined	Name of programme 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(CSE)	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		
4. GATE	30	BT19S48032103	CS19S33036410
		BT19S48031134	EC19S58032203
		BT19S43030713	EC19S58031248
		BT19S43048180	EC19S58032123
		BT19S48032103	EC19S53038022
		BT19S43041045	CS19S38032565
		EC19S53008282	CS19S38032434
		EC19S58012149	CS19S38031151
		EC19S53008132	CS19S38036391
			C919933040319

		EC19S53031606 EC1950530 EC19S58013053 EC19S5803 58032234 EC19558032046 C276U54 EC19S58013165	CS19S33040339 CS19S38031009 CS19S38032147 CS19S38031112 CS19S38031035 CS19S33033239 CS19S38032209 CS19S38031582
5. GMAT	0		
6. CAT	28	15102151 8256253 8263727 8135973 8100969 8040947 8210651	
7. GRE	10	4066313 4525108 4976546	
8. TOFEL	2		
9. IELTS	1		
10. CIVIL SERVICES (UPSC-CDS)	2	802648	
11. ANY OTHER (AFCAT, XAT, IEO, CEED, NMAT)	2 (AFCAT) 1 (XAT) 1 (CEED) 1 (IEO)	0218AL0127909 (AFCAT) 0119a10043199(AFCAT) 284182(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/medal	National/International (Dropdown)	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	21-09-2018	1 <sup>st</sup> (Hackathon)	National = 9			15102080	Akancha Gupta (ECE)
	11-2018	2 <sup>nd</sup> (Ideal to workshop)				9915102112	Tushar Verma (ECE)
	11-2018	2 <sup>nd</sup> (Ideal to workshop)				9915102005	Mohsin Ansari (ECE)
	11-2018	2 <sup>nd</sup> (Ideal to workshop)				9915102180	Surendra Choudhary (ECE)
	11-2018	2 <sup>nd</sup> (Ideal to workshop)				9915102179	Sparsh (ECE)
	11-2018	2 <sup>nd</sup> (Ideal to workshop)				9915102159	Aastha Sharma (ECE)
	11-2018	2 <sup>nd</sup> (Ideal to workshop)				9915102181	Utkarsh Jain (ECE)
	11-2018	2 <sup>nd</sup> (Ideal to workshop)				9915102038	Abhinav Jha (ECE)
	11-2018	2 <sup>nd</sup> (Ideal to workshop)				9915102042	Ankur Awasthi (ECE)
	24-3-2018	Best judge (MUN)	International = 6			15102259	Twesha Goel (ECE)
	22-5-2018	2 <sup>nd</sup> (Data Analyst)				15102259	Twesha Goel (ECE)
	03-2018	Letter of Appreciation (ICSE-18)				9915102119	Kush Bajaj (ECE)
	Jul 2018	3 <sup>rd</sup> (RHSCA)				9915102044	Arpit Kumar (ECE)
	Jul 2018	3 <sup>rd</sup> (RHCOE)				9915102044	Arpit Kumar (ECE)
	13 <sup>th</sup> -14 <sup>th</sup> December	(2 <sup>nd</sup> ) Best Poster				16101026	Jasveen Bhasin

	2018	(Second International Conference on Nanobiotechnology for Agriculture : Detection, Conservation and Responsible Use of Natural Resources )					(BT)
2019	2019	1st Prize in IIT Bombay; 2nd prize in IIT Kanpur	National = 4			-	Shubanghi , Vaibhav, Shekhar, Dipti
	Mar-2019	Certificate (Hackethon.com)				9915102031	Savitesh Chaturvedi (ECE)
	February-March 2019	1 <sup>st</sup> (NPTEL)				15101081	Tushar Dhyani (BT)
	25 <sup>th</sup> May, 23 <sup>rd</sup> Jan, 2019	Memento				14501013	Aayushi Bhatnagar (BT)
	03-2019	Presentation award (ICSC Conf.)	International = 24			9915102071	Dikshant (ECE)
	Mar-2019	Presentation award (ICSC Conf.)				9915102153	Siddharth S.Pol
	31 <sup>st</sup> January-2 February 2019	II (ICABB-2019)				15801009	Ritik Vaishy (BT)
	31 <sup>st</sup> January-2 February 2019	II & III (ICABB-2019)				15101075	Raveesh Malik (BT)
	31 <sup>st</sup> January-2 February 2019	III (ICABB-2019)				15801007	Mahima Rawal (BT)
	31 <sup>st</sup> January-2 February 2019	2 <sup>nd</sup>				15101083	Yashi Srivastava (BT)
	31 <sup>st</sup> January-2 February 2019	1 <sup>st</sup> (ICABB-2019)				15101016	Ritika Kamthan (BT)
	31 <sup>st</sup> January-2	2 <sup>nd</sup> (ICABB-				17301003	Divyanshi Jain (BT)

	February 2019	2019)					
	31 <sup>st</sup> January-2 February 2019	2 <sup>nd</sup> (ICABB-2019)				17301004	Anushka Gupta (BT)
	31 <sup>st</sup> January-2 February 2019	2 <sup>nd</sup> (ICABB-2019)				17301006	Akshay Jain (BT)
	31 <sup>st</sup> January-2 February 2019	2 <sup>nd</sup> (ICABB-2019)				17301007	Savita Yadav (BT)
	31 <sup>st</sup> January-2 February 2019	3 <sup>rd</sup> (ICABB-2019)				17301009	Aishwarya Tyagi (BT)
	31 <sup>st</sup> January- 2 February 2019	3 <sup>rd</sup> (ICABB-2019)				14501029	Pooja Upadhyay (BT)
	31 <sup>st</sup> January-2 February 2019	3 <sup>rd</sup> Poster presentation (ICABB-2019)				16101010	Ria Singh (BT)
	31 <sup>st</sup> January-2 February 2019	3 <sup>rd</sup> prize in poster presentation on (ICABB-2019)				16101044	Jatin Aggarwal (BT)
	15 <sup>th</sup> -17 <sup>th</sup> March 2019	2 <sup>nd</sup> (Paper presentation)				17101055	Aditi Ganguly (BT)
	15 <sup>th</sup> -17 <sup>th</sup> March 2019	3 <sup>rd</sup> SEG Poster presentation (Cognizance-2019)				17101055	Aditi Ganguly (BT)
	31 <sup>st</sup> January-2 Feb. 2019	1 <sup>st</sup> prize in poster presentation on (ICABB-2019)				17101007	Aditi Bhardwaj (BT)
		High Commendation,  Special Mention,  Best Interjector (Hindu				17801012	Ishita Pandey (BT)



		MUN,  ISBF MUN,  Hindu Memorial Debate)					
	31 <sup>st</sup> January-2 February 2019	2 <sup>nd</sup> prize in poster presentati on on (ICABB- 2019)				-	Savita Yadav (BT)
	31 <sup>st</sup> January-2 February 2019	3 <sup>rd</sup> prize in poster presentati on on (ICABB- 2019)				-	Aishwarya Tyagi (BT)
	31 <sup>st</sup> January-2 February 2019	1 <sup>st</sup> prize in poster presentati on on (ICABB- 2019)				-	Ritika Kamthan (BT)
	31 <sup>st</sup> January-2 February 2019	2 <sup>nd</sup> prize in poster presentati on on (ICABB- 2019)				-	Ritik Vaishy (BT)
	31 <sup>st</sup> January-2 February 2019	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 <sup>nd</sup> (FSM- 18)	Inter- college = 35			99151021 19	Kush Bajaj (ECE)
	11-2018	2 <sup>nd</sup> (FSM- 18)				99151020 93	Akshat Jain
	11-2018	2 <sup>nd</sup> (FSM- 18)				99151021 06	Rahul Joshi (ECE)
	11-2018	2 <sup>nd</sup> (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 (Cricket Converge)			99151020 85		Vinayak Sikka (ECE)
02-2018		Certificate (Cricket Converge)			99151021 48		Pranav Kohl (ECE)
02-2018		Certificate (Cricket Converge)			99151021 68		Harshit (ECE)
02-2018		Certificate (Cricket Converge)			99151021 78		Shweta Sharma (ECE)
02-2018		Certificate (Cricket Converge)			99151021 61		Abhishek Garg (ECE)
02-2018		Certificate (Cricket Converge)			99151021 14		Aditya Chandwai (ECE)
02-2018		Certificate (Cricket Converge)			99151020 49		Ishant (ECE)
02-2018		Certificate (Cricket Converge)			99151020 81		Vishesh (ECE)
02-2018		Certificate (Cricket Converge)			99151020 26		Shekhar Singh (ECE)
02-2018		Certificate (Cricket Converge)			99151020 28		Sahil Raj (ECE)
02-2018		Certificate (Cricket Converge)			99151021 82		Vinay Bhaswani (ECE)
02-2018		Certificate (Cricket Converge)			99151021 00		Dhruv Kohli (ECE)
02-2018		3 <sup>rd</sup> (Techfe st)			99151020 09		Rishabh (ECE)
02-2018		3 <sup>rd</sup> (Techfest)			99151021 33		Tanya Jain (ECE)
02-2018		3 <sup>rd</sup> (Cybershri sti)			99151021 47		Kushagra (ECE)
02-2018		(Internatio nal coverage)			99151020 59		Shriya Jain (ECE)
02-2018		2 <sup>nd</sup> (Volleyball )			99151021 62		Aditi Bhatnagar (ECE)
02-2018		2 <sup>nd</sup> (Volleyball )			99151021 46		Kartikey (ECE)
03-2018		Running (Hackrath on)			99151021 22		Parth (ECE)
2018		1 <sup>st</sup> (Dance)			99151020 90		Aditi Tripathi (ECE)
2018		1 <sup>st</sup> (Dance)			99151021 11		Siddharth kataria (ECE)

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

2019	g)						
20 <sup>th</sup> and 21 <sup>st</sup> April, 2019	3 <sup>rd</sup> Paper presentation (Cybershristi)				17101055	Aditi Ganguly (BT)	
20 <sup>th</sup> and 21 <sup>st</sup> April, 2019	2 <sup>nd</sup> (startup pitch desk)				17101055	Aditi Ganguly (BT)	
24 <sup>th</sup> Feb 2019	1 <sup>st</sup> (Just do it)				17101013	Tushar Agarwal (BT)	
Feb 2019	2 <sup>nd</sup> (Converge inter college basketball tournament)				18101006	Harshita singh (BT)	
21 <sup>st</sup> April 2019	2 <sup>nd</sup> (Socio-Technical Turncoat)				18101050	Shreya Kadyan (BT)	
20 <sup>th</sup> Feb 2019	1 <sup>st</sup> (ramunuja n mathematics debate)				18101032	Ishtirjan Kaur Chandok (BT)	
13 <sup>th</sup> -14 <sup>th</sup> Jan 2019	4 <sup>th</sup> (Jmun Jiit)				18101032	Ishtirjan Kaur Chandok (BT)	
	2 <sup>nd</sup> (Volleyball match)				18101047	Vaishnavi Shishodia (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)  $\mu$ CR (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 14<sup>th</sup> 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 17<sup>th</sup> 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/governance>.

Total word count: 0 words. Words left: 500

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

Yes  No  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	<p>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.</p>
2. Teaching and Learning	<p>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.</p> <p>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, mention of these outcomes is made mandatory in 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.</p>
3. Examination and Evaluation	<p>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.</p> <p>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</p>

	<p>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.</p> <p>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 the teacher.</p>
<p>4. Research and Development</p>	<p>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.</p>
<p>5. Library, ICT and Physical infrastructure/ Instrumentation</p>	<p>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</p>

	<p>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 are bar-coded for easy handing of issue or return and other activities of the LRC. 64 Terminals have been placed for accessing e-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.</p>
<p>6. Human Resource Management</p>	<p>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 than 100 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 enrol 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 in its curricula as necessitated by the changing trends. Further, the Institute ensures the up-gradation of knowledge base of faculty through faculty development and recharge programmes.</p>
<p>7. Industry interaction/</p>	<p>The collaborations have resulted in the establishment of following</p>



Collaboration	<p>specialized laboratories Centre for MEMS –Micro 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, PG1 and PG2 in ECE Department are functional.</p>
8. Admission of students	<p>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.</p> <p>For the admission to the programmes in CSE, IT and ECE, the candidates, shortlisted strictly on the basis of All Ranking of JEE main Examination conducted by CBSE, are called for counselling. The admission is offered on the basis of merit and choice of programme exercised 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.</p> <p>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.</p> <p>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.</p> <p>The admissions to Ph.D. programmes are made through an All India Entrance Test conducted by the Institute in accordance with the UGC instructions as per the guideline of the 2009 on the subject. Candidates</p>

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

E-governance area (Dropdown)	Details
1. Planning and Development	JIIT uses ERP system for e-Governance. Information on admission, 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.
3. 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
4. Student admission and support	ERP system Handles applications 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.
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 Institute delhi	6900
2019	PIL DEV TYAGI	CONFERENCE AT AMITY UNIVERSITY BEDFORD, UK	Amity 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 Mehndiratta	"4th International Conference on Next Generation Computing Technologies: (NGCT - 2018)"	UPES Dehradun.	3000
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 (Dropdown)	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
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		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 IBM's Quantum Computers	-	17.12.18	17.12.18	25	0
2018	JIIT Student Conference on Optics and Photonics-2018 (JSCOP'18)	-	2.11.18	3.11.18	204	0
2018	DESIGN THINKING AND TRANSVERSAL THINKING	-	24.7.18	24.7.18	120	0
2018	Seminar "Prudent Financial Planning - Need of the hour"	-	20.11.18	20.11.18	60	0
2018	Leadership Workshop by Prof. Michael Leslie from University of Florida	-	19.7.18	22.7.18	68	0
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 RESOURCES PLANNING)	-	4.8.18	4.8.18	67	0
2018	Guest Lecture - Employability Skills Workshop	-	6.10.18	6.10.18	40	0
2018	Guest Lecture - "The Digital Disruption"	-	8.8.18	8.8.18	65	0
2019	Guest lecture "Help students in understanding application of various classroom teaching into real world and also about various practical challenges"	-	19.1.19	19.1.19	60	0
2019	practive Session with Mr. Arvind Bhatia - General Manager, ACE-Equity on Using Financial Databases	-	31.1.19	3.1.19	60	0
2018	Re-Imagining Computing: Engineering, Research, and Education	-	4.7.18	10.7.18	32	0
2018	2018 Eleventh International Conference on Contemporary Computing (IC3)	-	2.8.18	4.8.18	170	0
2018	"Importance of the intestinal microflora and Role of probiotics in maintaining good health"	-	27.11.18	27.11.18	70	0
2018	"Advanced Spectroscopy solutions from Cole-Parmer"	-	15.11.18	15.11.18	30	0
2018	"BIG opportunities for Biopreneurs"	-	19.7.18	19.7.18	60	0
<b>2018</b>	Creating and Searching Values in Potential Bioresources using Nano-bio-information Technology for Applications in Agri-Food-Nutrition Sector	-	<b>19.4.19</b>	<b>19.4.19</b>	<b>90</b>	<b>0</b>
2018	Faculty Development Programme on Innovative Teaching and Research	-	9.7.18	14.7.18	27	0
2019	Cognizant FDP on IOT and Embedded Device Security	-	13.2.19	13.2.19	18	0
2019	Competency Development Programme on Advanced Research Methodology,	-	17.6.19	22.6.19	27	0

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 teachers who attended	From Date	To date	Duration
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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-Parmer"	All Biotech faculty	15-11-18	15-11-18	1
Seminar on "Importance of the intestinal microflora and Role of probiotics in maintaining good health"	All Biotech faculty	27-11-18	27-11-18	1
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	
Workshop on Management Research in the Indian Context: Opportunities and Challenge	1	4-1-19	6-1-19	3
10 <sup>th</sup> 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
IMA's 5th National Leadership Conclave and 10th Managing India Awards	2	8-4-19	9-4-19	2
Workshop on Current Aspects of Research Evaluation and Plagiarism	1	30-11-18	1-12-18	2
Each connect event "Joy of Giving" organized by ICF Delhi NCR Chapter	1	24-11-18	24-11-18	1
Each connect event "The State and Future of Coaching"	1	29-1-19	29-1-19	1
Each connect event "Coaching with Indian Classical Music – a distinctive practice"	1	23-2-19	23-2-19	1
Each connect on "Prism Awards & Difficult Conversations – Book Review"	1	30-3-19	30-3-19	1
Each connect on "Connecting Mind, Body and Soul"	1	4-5-19	4-5-19	1
Each connect on "Learning from interesting Organizational Transformations"	1	29-6-19	29-6-19	1
International Conference on Sustainable Development and Social Innovation in Business	1	25-2-19	26-2-19	2
Conference on Mathematical Science and Development	1	22-12-18	24-12-18	3
Short Term Course organised by Dept. of Mathematics, MNIT Jaipur	1	25-12-18	26-12-18	2
Workshop "Advanced Computational Techniques for Differential Equations with MATLAB"	1	19-12-18	20-9-18	2
Workshop "Modeling, Optimization and Computing for Engineering Problems: Using of Technical Hindi Terminology"	1	14-10-18	14-10-18	1
IP 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 <sup>th</sup> 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



Electronics and Management (NCITEM-2018)				
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 Techniques in Engineering Applications	2	7-12-18	8-12-18	2
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 and personnel of tri-forces and delivered 10 invited lectures, ANURAG, Hyderabad.	1	4-6-19	7-6-19	4
International Conference on Advanced Materials (ICAM-2019)	1	6-3-19	7-3-19	2
International Conference on Advanced Materials, energy & Environmental Sustainability (ICAMEES-2018)	1	14-12-18	15-12-18	2
International 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
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### 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
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## 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	<input type="radio"/> Yes <input type="radio"/> No		<input checked="" type="radio"/> Yes <input type="radio"/> No	IQAC
Administrative	<input type="radio"/> Yes <input type="radio"/> No		<input checked="" type="radio"/> Yes <input type="radio"/> 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	<input checked="" type="radio"/> Yes <input type="radio"/> No
b) Participation in NIRF	<input checked="" type="radio"/> Yes <input type="radio"/> No
c) ISO certification	<input type="radio"/> Yes <input checked="" type="radio"/> No
d) NBA or any other quality audit	<input checked="" type="radio"/> Yes <input type="radio"/> 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	
			Male	Female
B. Tech.				
Ran Course on Gender Studies	4 <sup>th</sup> January 2019	14 <sup>th</sup> May 2019	50	28
Ran Course on Sociology of Media	04 <sup>th</sup> January 2019	14 <sup>th</sup> May 2019	96	63
Ran course on Human Rights and Social Justice	18 <sup>th</sup> July 2018	1 <sup>st</sup> December 2018	60	14
Ran Course on Literature	04 <sup>th</sup> January 2019	14 <sup>th</sup> 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 Pado	10-07-2019	16-07-2019	21(Students + Faculty)  200 Male(Villagers)	7(Students + Faculty)  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
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7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities (dropdown)	Yes/No	Number of beneficiaries
1. Physical facilities	<input checked="" type="radio"/> Yes <input type="radio"/> No	5
2. Provision for lift	<input checked="" type="radio"/> Yes <input type="radio"/> No	5
3. Ramp Rails	<input checked="" type="radio"/> Yes <input type="radio"/> No	5
4. Braille software/facilities	<input type="radio"/> Yes <input checked="" type="radio"/> No	
5. Rest rooms	<input checked="" type="radio"/> Yes <input type="radio"/> No	5
6. Scribes for examination	<input checked="" type="radio"/> Yes <input type="radio"/> No	2
7. Special skills development for differently able students	<input type="radio"/> Yes <input checked="" type="radio"/> No	
8. Any other similar facility	<input type="radio"/> Yes <input checked="" type="radio"/> No	

7.1.4 – Inclusion and Situatedness

Year (Drop down)	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local communities	Date	Duration	Name of initiative	Issues addressed (Only 40 words are taken in each block)	Number of participating 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 IIIT 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 IIIT 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 instill 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 <sup>st</sup> August, 2018	2.5 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 Swachh Bharat Mission	To clean Roads, village areas, school and also clean mud and stagnant water in front 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 Ayushman Bharat Yojna, Sukanya Samridhi 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(Organised 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 underprivileged Kids	To help underprivileged kids to showcase their talent and promote them	28
2019	1	1	17-07-2019	Ongoing	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.
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#### 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 cruelty 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:

- **Energy Efficient Building Architecture**: 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 <https://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 <https://www.test.com>

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#### 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.

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