विद्या तत्व ज्योतिसम:

ANNUAL QUALITY ASSURANCE REPORT

2017 - 18

IQAC

Jaypee Institute of Information Technology
Noida

Yearly Status Report - 2017-2018

Part A	
Data of the Institution	
1. 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 function from own campus	**Yes**
Phone no/Alternate Phone no.	**01202594105**
Mobile no.	**7838189999**
Registered Email	**sc.saxena@jiit.ac.in**
Alternate Email	**registrar@jiit.ac.in**
Address	**A-10, Sector 62**
City/Town	**Noida**
State/UT	**Uttar pradesh**
Pincode	**201309**
2. Institutional Status	
University	**Deemed**
Type of Institution	**Co-education**

Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Prof H O Gupta**
Phone no/Alternate Phone no.	**01204195806**
Mobile no.	**9582899128**
Registered Email	**hariom.gupta@jiit.ac.in**
Alternate Email	**hariomgupt@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	**http://jiit.ac.in/IQAC**

4. Whether Academic Calendar prepared during the year

Yes

if yes,whether it is uploaded in the institutional website: Weblink :	**http://jiit.ac.in/sites/default/files/AC ADEMICCALENDAR1718.pdf**

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.9**	**2015**	**16-Nov-2015**	**15-Nov-2020**

6. Date of Establishment of IQAC

20-Aug-2014

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Strengthening of Audit process	**17-Jul-2017**	**31**
Action taken on the recommendtation of IQAC 2016-17	05-July	35
Review of Actions taken on the recommendation of IQAC 2016-17	28-Aug-2017	58
Action taken on the recommendation of IQAC 2016-17	18-Sep-2017	34

Action taken on the recommendation of IQAC 2016-17	18-Sep-2017	8
Meeting with BTech students	28-SEP-2017	72
Action taken on the recommendation of IQAC 2016-17	26-Oct-2017	12
Meeting of Deans and Heads and IQAC members	07-NOv-2017	32
Strengthening of Audit Process	04-June-2018	21

8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**

Upload latest notification of formation of IQAC	View File

10. Number of IQAC meetings held during the year :	**10**

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**

Upload the minutes of meeting and action taken report	View File

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. IQAC has successfully completed the Audit of seven Academic departments and eight Non teaching departments of Jaypee Institute of Information Technology and it has started with the orientation programme of Teaching and Non teaching staff.
2. IQAC has been instrumental in making the Institute take up more initiatives in social activities. JIIT has actively been involved with Swachh Bharat Summer Internship programme 2018 19 that 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 with twelve students/teams having participated in Swachh Bharat Summer Internship Programme. They have been involved in the programme for at least 100 hours. NSS Unit has been opened in the campus. More social activities shall be undertaken under the aegis of NSS at JIIT, Noida. Regional Directorate of NSS (UP and UK) Lucknow has sanctioned 03 Units of NSS (100 students each) to JIIT, Noida, in self financing mode. 3. IQAC has fostered the entrepreneurship orientation in students and with this aim 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. 4. As per the recommendations of IQAC, JIIT, Joint R and D projects and International Collaborations are being undertaken in Research work, by almost all the departments. Biotechnology department has initiated the process and a total of 4 extramural funded projects have been approved by different funding agencies in the last academic year. 5. On IQAC recommendations, the Institute has upgraded and replaced software and hardware with most of the old PCs being replaced with new ones, established new labs and added new books and journals in the library. The library has added 6891 books this year, as per the requirements send by all the departments, which comprise of Text Books as well as Reference Books for different subjects. Two new labs named Bioinformatics lab and Basic Biosciences labs have been established in this year.

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

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

	waste collection drives (households/ common or shared places), street cleaning- drain cleaning- cleaning of back alleys. • Support in Toilet Construction. • Help Panchayat to draw up plans for installation of biogas plants wherever possible/required. More social activities shall be undertaken under the aegis of NSS at JIIT, Noida. Regional Directorate of NSS (UP & UK) Lucknow has sanctioned 03 Units of NSS (100 students each) to JIIT, Noida, in self financing mode. First unit of NSS has been established at Sector 128, with Prof. Alka Sharma, Dean, HSS being the Programme Co-ordinator.
Proper streamlining of data collection with regard to student participation in competitive exams might be ensured by departments	Dept of ECE has stated in its Action Taken Report this year that 'Names with details of students cleared competitive exams and pursued higher education were collected. However improvement in collection of this data is required.' The other departments are suggested to follow the same.
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 Sub-committee 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 statutory body ?   **Yes**

Name of Statutory Body	Meeting Date
Vice Chancellor and IAC	**18-Feb-2019**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?   **Yes**

Date of Visit   **13-Mar-2018**

16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2018**
Date of Submission	**07-Mar-2018**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**Jaypee Institute of Information technology (JIIT) has ERP (Education and Research Planning) which 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**

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	Programme Code	Date of Revision
Mtech	MT-ACM	09/05/2018
Mtech	MT-MSE	09/05/2018
Mtech	MT-BIOTECH	09/05/2018
MBA	MBA	09/05/2018
BTech	BT-CSE	09/05/2018
BTech	BT-IT	09/05/2018
BTech	BT-ECE	09/05/2018
BTech	BT-BIOTECH	09/05/2018
Mtech	MT-CSE	09/05/2018
Mtech	MT-CSE-IT	09/05/2018
Mtech	MT-CSE-MT	09/05/2018
Mtech	MT-CSE-DA	09/05/2018
Mtech	MT-CSE-IT&E	09/05/2018
Mtech	MT-ECE-MET	09/05/2018
Mtech	MT-ECE-CS	09/05/2018

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
No data entered !!!			

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Dates of Introduction
No data entered !!!	

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
BTech	18/07/2017
Mtech	19/07/2017
MBA	28/06/2017

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
EFFECTIVE TOOLS FOR CAREER MANAGEMENT AND DEVELOPMENT		1
EFFECTIVE TOOLS FOR CAREER MANAGEMENT AND DEVELOPMENT		33
EFFECTIVE TOOLS FOR CAREER MANAGEMENT AND DEVELOPMENT		4
EFFECTIVE TOOLS FOR CAREER MANAGEMENT AND DEVELOPMENT		2
IOT WORKSHOP		21
IOT WORKSHOP		34
IOT WORKSHOP		3
IOT WORKSHOP		2
IOT WORKSHOP		4
R PROGRAMMING WORKSHOP		76
R PROGRAMMING WORKSHOP		12
R PROGRAMMING WORKSHOP		18
TRANSLATION AND PERFORMING ARTS		1
CORE JAVA		53
CORE JAVA		42
ADVANCED TCP/IP NETWORKING		20
ADVANCED TCP/IP NETWORKING		15
EFFECTIVE TOOLS FOR CAREER MANAGEMENT AND DEVELOPMENT		16
R PROGRAMMING WORKSHOP		5

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
BTech	1186
Mtech	86
MBA	109

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 institution? (maximum 500 words)

Feedback Obtained

The feedbacks of all the stakeholders, students, teacher, employer, alumni and parents are received in the every academic year. The student feedbacks are collected manually in the prescribed format QA-AC1 and QA-AC2 for theory and laboratory courses respectively and analyzed through Education and Research Planning system. The feedbacks from the Faculty, trusty, corporate members, parents and alumni are taken manually in the prescribed format and analyzed by the IQAC team. On the basis of the feedback, received in the academic year 2016-17, following actions have been taken for the overall growth of the institute. 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. 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. 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. HSS has organized 11 Invited Talks this year and PMSE has organized 5 Invited Talks. International Collaborations are being undertaken in Research work, by almost all the departments. Biotechnology department has initiated the process as stated in point 2 and one of the projects is of the level of international collaboration. The Students teams of JIIT Noida are involved in the following activates awareness, awareness campaigns, waste collection drives of household and common places and help panchayat for installation of biogas plants. Dept of ECE has stated in its Action Taken Report this year that Names with details of students cleared competitive exams and pursued higher education were collected. However improvement in collection of this data is required. The other departments are suggested to follow the same. A form for the same in a prescribed format has been shared with Registry and the process has been initiated. To foster entrepreneurship orientation in students, Jaypee Innovation and Entrepreneurial Centre has been instituted. JIIT strongly believes in encouraging the creative and entrepreneurial skills in the students. As per the IQAC Students Activity and Placement Sub committee Report of this year, action in this regard has been initiated. Notifications for job opportunities and off campus placements advertised in PSUs are displayed at the LRC from time to time.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Number of seats available	Number of Application received	Students Enrolled
BTech	1230	6071	1185
Mtech	360	141	85
MBA	180	229	117
PhD or DPhil	92	262	56

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of	Number of	Number of	Number of	Number of

	students enrolled in the institution (UG)	students enrolled in the institution (PG)	fulltime teachers available in the institution teaching only UG courses	fulltime teachers available in the institution teaching only PG courses	teachers teaching both UG and PG courses
2017	4694	264	261	13	82

No data entered !!!

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 Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
261	208	41	41	41	100

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

The Institute has a process of student mentoring in which a faculty member serves as a mentor for about 30 students. In the beginning of a semester, details of mentors are put up on the Institute website for the information of students and their parents. A mentor can access student records like attendance and marks obtained through the ERP on web kiosk of JIIT. Faculty holds at least two scheduled meetings in a semester with the underperforming students for guiding them appropriately. However, students are free to contact the mentor for any academic or personal problems.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4958	261	1:19

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
324	261	63	49	164

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 Vibha Gupta	Associate Professor	Received a grant of Rs 40,000 from ICMR, Govt of India for organising the conference ICABB 2018 at JIIT, Noida.
2017	Anurag Goel	Assistant Professor	Academic Excellence Award for M.Tech. Thesis
2017	Himani Bansal	Assistant Professor	Winner, Eighth Annual Excellence in Research Journal

2018	Anuradha Pughat	Assistant Professor	Most cited paper award by Human-centric Computing and Information Sciences Journal, Springer, in Feb 2018
2018	Monica Chaudhary	Assistant Professor	Invited as a Judge for an Annual Debate Competition organized by Rotaract Club Of Delhi South District-3011, Rotary International on 21 Jan 2018, New Delhi
2018	Shweta Srivastava	Professor	Awarded for Outstanding Women in Engineering award by Centre for Advance Research and Design, Chennai
2018	Badri Bajaj	Assistant Professor	Opinion piece featured in Deccan Herald Newspaper supplement Living in article Living in the Now
2018	Dr. Vandana Ahuja	Associate Professor	Received the best conference organisation award from the International Academy for Information Technology and Quantitative Management for organising and chairing ITQM-17, at JBS, December 8-10, 2017
2018	Prof. A. Pathak	Professor	Received Shri OM Prakash Bhasin Award

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-	Date of declaration of results of semester-

			end examination	end/ year- end examination
BTech	BT-CSE	2017-18	21/05/2018	02/06/2018
BTech	BT-IT	2017-18	21/05/2018	02/06/2018
BTech	BT-ECE	2017-18	21/05/2018	02/06/2018
BTech	BT-BIOTECH	2017-18	21/05/2018	02/06/2018
Mtech	MT-ACM	2017-18	21/05/2018	02/06/2018
Mtech	MT-MSE	2017-18	21/05/2018	02/06/2018
Mtech	MT-BIOTECH	2017-18	21/05/2018	02/06/2018
Mtech	MT-CSE	2017-18	21/05/2018	02/06/2018
Mtech	MT-CSE-IT	2017-18	21/05/2018	02/06/2018
Mtech	MT-CSE-MT	2017-18	21/05/2018	02/06/2018
Mtech	MT-CSE-DA	2017-18	21/05/2018	02/06/2018
Mtech	MT-CSE IT AND E	2017-18	21/05/2018	02/06/2018
Mtech	MT-ECE-MET	2017-18	21/05/2018	02/06/2018
Mtech	MT-ECE-CS	2017-18	21/05/2018	02/06/2018
MBA	MBA	2017-18	07/04/2018	25/04/2018

 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	4859	

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 weblink)

NA

 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 year examination	Pass Percentage
MT-BIOTECH	Mtech	56	50	89%
MT-CSE-DA	Mtech	7	7	
MT-ECE-CS	Mtech	32	31	97%
MT-CSE	Mtech	43	41	95%
MT-ECE-MET	Mtech	10	9	90%
MBA	MBA	60	59	98%
BT-BIOTECH	BTech	79	76	96%
BT-CSE	BTech	543	528	97%
BT-ECE	BTech	359	348	97%
BT-IT	BTech	59	58	98%

2.7 – Student Satisfaction Survey

**http://www.jiit.ac.in/sites/default/files/SSS_Report.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	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. Himanshu Agarwal	Summer Research Fellow	05/06/2018	Centre of Excellence in Cyber Security, Institute for Development and Research in Banking Technology, Established by Reserve Bank of India, Hyderabad, India

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
JRF/SRF	3	Government
Insp. Fellow	5	Government
Project Fellow	3	Government
Institutional	3	JIIT Noida

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	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	3	DBT	2221000	914000
Major Projects	3	DST	2631640	1369400
Major Projects	1	DST	1961936	1850000
Major Projects	3	DRDO	3460400	1407700
Major Projects	3	DBT	2610000	960000
Major Projects	3	DBT-3	6210200	2909800
Major Projects	3	Ayush	4106920	1731800
Major Projects	2	ICSSR	550000	137500

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
Workshop on workshop on Embedded Systems	Department of ECE, JIIT, NOIDA	17/07/2017
Workshop on Entrepreneurship Skills	Department of JBS, JIIT, NOIDA	01/08/2017
Workshop on FINANCE FOR NON-FINANCE PROFESSIONALS	Department of HSS, JIIT, NOIDA	05/08/2017
Workshop on Communication Systems and Signal Processing	Department of ECE, JIIT, NOIDA	01/09/2017
Workshop on Future Directions for JBS	Department of JBS, JIIT, NOIDA	02/09/2017
Workshop on Commodity markets in India	Department of JBS, JIIT, NOIDA	09/10/2017
Seminar on Contemporary Literature Changes and Challenges	Department of HSS, JIIT, NOIDA	10/11/2017
Workshop on Equity trading and investment	Department of JBS, JIIT, NOIDA	13/11/2017
Seminar on Unboxing Today Consumers in a Global and Digital Age	Department of HSS, JIIT, NOIDA	17/11/2017
National Workshop on Computational Intelligence	Department of CSE, JIIT, NOIDA	01/12/2017
Workshop on Goods and Service Tax Concept and Application	Department of HSS, JIIT, NOIDA	09/12/2017
Workshop on Machine Learning for Signal Processing	Department of ECE, JIIT, NOIDA	18/12/2017
Workshop on Investment Opportunities for salaried employed	Department of HSS, JIIT, NOIDA	22/12/2017
Author workshop on research paper writing	Department of HSS, JIIT, NOIDA	19/01/2018
National Workshop on Role of Literature and Theatre in creating Gender Sensitivity	Department of HSS, JIIT, NOIDA	19/01/2018
National Seminar on Role of E office in improving Policy Making In India	Department of HSS, JIIT, NOIDA	23/01/2018
National Workshop on Emerging Trends in Target Identification and Drug Design	Department of Biotechnology, JIIT, NOIDA	31/01/2018
National Seminar on Effect of GST on Business and Economy	Department of JBS, JIIT, NOIDA	31/01/2018

National Seminar on Budget 2018	Department of JBS, JIIT, NOIDA	06/02/2018
National Seminar on Role of Soft Skills in enhancing Employability	Department of HSS, JIIT, NOIDA	12/03/2018
National Workshop on Recent Trends in Computational Physics	Department of PMSE, JIIT, NOIDA	06/04/2018
National Workshop on Soft Computing and Language Processing	Department of CSE, JIIT, NOIDA	27/04/2018
A National Workshop on Competency Development Programme Multivariate Statistical Techniques for Research	Department of JBS, JIIT, NOIDA	18/06/2018

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
Academic Excellence Award	Anurag Goel	IIIT Delhi	07/12/2017	National
Most cited paper award	Anuradha Pughat	Human-centric Computing and Information Sciences Journal, Springer	09/02/2018	International
Outstanding Women in Engineering Award	Prof. Shweta Srivastava	Centre for Advance Research and Design, Chennai	03/03/2018	National
6th Academic Brilliance Young Faculty Award	Dr. Vibha Rani	Education Expo.	12/02/2018	National
Naranjan S Dhalla Best Poster Award	Aditi Jain	10th Indian section Meeting of International Academy of Cardiovascular Science held in Madurai, India	10/02/2018	National
Elizabeth Roth Travel Award	Aditi Jain	4th European Section meeting of International Academy of Cardiovascular Science held in Pecs, Hungary	30/09/2017	International

C.C. Kartha Travel Award	Aditi Jain	10th Indian Section Meeting of International Academy of Cardiovascular Scienceheld in Madurai, India	10/02/2018	National
Ist Prize for poster, A sensitive and one step quantification of thyroid stimulating hormone using nanobiosensor	Rahul Saxena	International Conference on Nanotechnology Ideas, Innovations and Initiatives 2017 at IIT Roorkee	08/12/2017	National

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
JEDC	Prashant Kaushik	Jaypee Institute of Information Technology	Nembsys Technology	Web design development1	19/07/2017
JEDC	Prashant Kaushik	Jaypee Institute of Information Technology	Social Web Designing	Web development	19/07/2017

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Biotechnology	"4
CSE	"3
ECE	"3
MATHS	"4
MANAGEMENT	"3
PMSE	"2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	CSE/IT	0	
International	CSE/IT	58	0.26
National	ECE	2	
International	ECE	56	1.33
National	HSS	0	
International	HSS	24	1.2

National	JBS	1	
International	JBS	31	1.83
National	Mathematic	0	
International	Mathematic	53	0.35
National	PMSE	0	
International	PMSE	38	1.78
National	Biotech	2	0.84
International	Biotech	32	3.23

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

Department	Number of Publication
HSS	1
CSE and IT	2
ECE	1
PMSE	2
JBS	1
MATHS	1
BIOTECH	1

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No data entered !!!			

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	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Water-driven Stabilization of Cadmium Sulphide Nanoparticles.	**Navendu Goswami** and P. Sen.	*Applied Surface Science*	2017		Jaypee Institute of Information Technology, Noida	0
Enhancement in A-B super-exchange interaction with Mn^{2+} substitution in Mg-Zn ferrites as a heating source in hyperthermia applications"	R. Sharma, P.Thakur, **M. Kumar**, P.B. Barman, P. Sharma and V. Sharma	Ceramics International,	2017		Jaypee Institute of Information Technology, Noida	9
"Gd3+ doped Mn-Zn soft ferrite nanoparticles: Super paramagnetism and its correlation with other physical	P. Thakur, R. Sharma, V. Sharma, P.B. Barman, **M. Kumar**, D. Barman, S.C. Katyal and P. Sharma	Journal of Magnetism and Magnetic Materials,	2017		Jaypee Institute of Information Technology, Noida	0

properties"						
Effect of increasing disorder on domains of the 2d Coulomb glass.	P. Bhandari and **V. Malik**.	*Journal of Physics Condensed Matter*,	2017		Jaypee Institute of Information Technology, Noida	0
Excitation of terahertz radiation generation by obliquely incident beating lasers on a hot magnetized plasma with step density profile",	Mann, **V. Sajal**, N. K. Sharma,	*Laser and Particle Beams*,	2017		Jaypee Institute of Information Technology, Noida	0
"Design and experimental realization of an optimal scheme for teleportation of an n-qubit quantum state.	Sisodia, A. Shukla, K. Thapliyal and **A. Pathak**.	Quantum Information Processing,	2017		Jaypee Institute of Information Technology, Noida	0
Experimental realization of nondestructive discrimination of Bell states using a five-qubit quantum computer.	Sisodia, A. Shukla and **A. Pathak**.	Physics Letters A	2017		Jaypee Institute of Information Technology, Noida	0
On the origin of nonclassicality in single systems	Aravinda, R. Srikanth and **A. Pathak**.	Journal of Physics A	2017		Jaypee Institute of Information Technology, Noida	0
Semi-quantum communication: Protocols for key agreement, controlled secure direct communication and dialogue	C. Shukla, K. Thapliyal and **A. Pathak**.	Quantum Information Processing	2017		Jaypee Institute of Information Technology, Noida	0
"Lower order and higher order entanglement in 87Rb 5S–5P–5D hyperfine manifold modeled as a four-wave mixing	as, B. Sen, A. Ray and **A. Pathak**.	process." Annalen der Physik,	2017		Jaypee Institute of Information Technology, Noida	0
"Comparison of lower- and higher-order nonclassicality in photon added and subtracted squeezed coherent states."	apliyal, N. L. Samantray, J. Banerji and **A. Pathak**.	Physics Letters A,	2017		Jaypee Institute of Information Technology, Noida	0
"Perturbation of hydrogen bonding in hydrated pyrrole-2-	na and **P. Chowdhury**.	*Journal of Molecular Modelling*,	2017		Jaypee Institute of Information Technology, Noida	0

carboxaldehyde complexes."						
"Sm/Ti co-substituted bismuth ferrite multiferroics: reciprocity between tetragonality and piezoelectricity",	ep K. Jha, Priyanka A. Jha, Prabhakar Singh, Rajeev Ranjan and **R. K. Dwivedi**,	*Physical Chemistry Chemical Physics*	2017		Jaypee Institute of Information Technology, Noida	0
Preparation, microstructure and relaxor ferroelectric characteristics of BLNT–BCT lead-free piezoceramics,	jayeta, Kumar A., Thakur O.P., **Dwivedi R.K.**, Prasad N.E.,	*J. Alloys and Compounds*,	2017		Jaypee Institute of Information Technology, Noida	0
"Multichannel tunable filter properties of 1D magnetized ternary plasma photonic crystal in the presence of evanescent wave."	**Awasthi**, R. Panda and L. Shiveshwari.	*Physics of Plasmas*	2017		Jaypee Institute of Information Technology, Noida	0
"Tunable terahertz radiation generation by nonlinear photomixing of cosh-Gaussian laser pulses in corrugated magnetized plasma"	rshney, **V. Sajal**, A. Upadhyay, J. A. Chakera and R. Kumar	Laser and Particle beams	2017		Jaypee Institute of Information Technology, Noida	0
"Multichannel tunable omnidirectional photonic band gaps of 1D ternary photonic crystal containing magnetized cold plasma."	**S. K. Awasthi**, R. Panda, **P. K. Chauhan**, and L. Shiveshwari.	*Physics of Plasmas*	2018		Jaypee Institute of Information Technology, Noida	0
, "Room temperature ferromagnetism and electrical properties of Mn-doped Zn_2SnO_4 nanorods"	Sharma, **H. Pandey**, **M. Kumar** and **S. Chhoker**	*Superlattices and Microstructures*,	2018		Jaypee Institute of Information Technology, Noida	0
"Nanomaterials for high frequency device and photocatalytic applications: Mg-Zn-Ni ferrites"	R. Sharma, P. Thakur, **M. Kumar**, P. Sharma and V. Sharma,	*Journal of Alloys and Compounds*,	2018		Jaypee Institute of Information Technology, Noida	0
"Structural, magnetic,	**M. Kumar**, M. Arora, S.	*Journal of Alloys and*	2018		Jaypee Institute of Information	0

dielectric, vibrational and optical properties of Zr substituted $Bi_{0.90}Gd_{0.10}FeO_3$ multiferroics"	Chauhan and **H. Pandey**,	*Compounds*			Technology, Noida	
"Temperature-dependent space-charge-limited conduction in $BaTiO_3$ heterojunctions.	Pooja Singh, P. K. Rout, **Himanshu Pandey** and Anjana Dogra,	" *Journal of Materials Science*	2018		Jaypee Institute of Information Technology, Noida	0
"Analysis of fiber optic SPR sensor utilizing platinum based nanocomposites ",	Shah K., **Sharma N. K.**, Sajal V.,	*Optical and Quantum Electronics*,	2018		Jaypee Institute of Information Technology, Noida	0
"Simulation of LSPR based fiber optic sensor utilizing layer of platinum nanoparticles",	Shah K., **Sharma N. K.**, Sajal V.,	*Optik*	2018		Jaypee Institute of Information Technology, Noida	0
"Structural, Vibrational and Electronic Properties of CuO Nanoparticles Synthesized via Exploding Wire Technique."	A. Sahai, M. Mishra, G. Gupta and **Navendu Goswami**.	*Ceramic International*,	2018		Jaypee Institute of Information Technology, Noida	0
"Parametric excitation of surface plasma waves over a metallic surface by laser in an external magnetic field".	**P. K. Chauhan,** Deepika Goel, **Anshu Varshney**, D. B. Singh and **Vivek Sajal**,	*Laser and Particle Beams*	2018		Jaypee Institute of Information Technology, Noida	0
"Structural investigation of Ca/Zr co-substituted BaTiO3 through XRD and Raman spectroscopy",_s_"	Vijayeta Pal, A.Kumar, O.P. Thakur and **R.K. Dwivedi,**	Journal of Alloys and Compound	2018		Jaypee Institute of Information Technology, Noida	0
_ "Structural stability, Enhanced magnetic, piezoelectric and transport properties in (1-x)$BiFeO_3$ -(x)$Ba_{0.70}Sr_{0.30}TiO_3$ nanoparticles",	Subhash Sharma, Vikash Singh, Avneesh Anshul_, J.M.Siqueiros, and **R. K. Dwivedi**	Journal of Applied Physics	2018		Jaypee Institute of Information Technology, Noida	0
"Improved dielectric, magnetic and optical properties of Pr	Vikash Singh, Subhash Sharma and **R.K. Dwivedi,**	J. alloy and Compounds,	2018		Jaypee Institute of Information Technology, Noida	0

Title	Authors	Journal	Year		Institution	
and Ti co-substituted BFO ceramics",						
, "Co-current doping effect of nanoscale Carbon and Aluminium Nitride on critical current density and flux pinning properties of bulk MgB_2 superconductor.	**D. Tripathi** and T. K. Dey	"*J. Low Temp Phys.*,	2018		Jaypee Institute of Information Technology, Noida	0
"Probing nonclassicality in an optically-driven cavity with two atomic ensembles."	J. Naikoo, S. Banerjee, K. Thapliyal and **A. Pathak**.	*Physical Review A,*	2018		Jaypee Institute of Information Technology, Noida	0
. "Quantum Conference."	A. Banerjee, K. Thapliyal, and **A. Pathak**	*Quantum Information Processing,*	2018		Jaypee Institute of Information Technology, Noida	0
"Higher order nonclassicalities of finite dimensional coherent states: A comparative study."	N. Alam, A. Verma and A. Pathak.	*Physics Letters A,*	2018		Jaypee Institute of Information Technology, Noida	0
"Comment on "Quantum Teleportation of Eight-Qubit State via Six-Qubit Cluster State."	M. Sosodia and A. Pathak.	*International Journal of Theoritical Physics*	2018		Jaypee Institute of Information Technology, Noida	0
"Classical light vs. nonclassical light: Characterizations and interesting applications."	A. Pathak and A. Ghatak.	*Journal of Electromagnetic Waves and Applications*	2018		Jaypee Institute of Information Technology, Noida	0
. "Lower order and higher order entanglement in four-wave mixing process."	M. Das, B. Sen, A. Ray and A. Pathak	*Annalen der Physik,*	2018		Jaypee Institute of Information Technology, Noida	0
"Significant enhancement of power conversion efficiency of dye-sensitized solar cells by the	Bhardwaj. S , Pal. A , Chatterjee. K, H Rana. T. H ,Bhattacharya. G, Sinha Roy. S, Chowdhury. P, Sharma. G. D,	*J. Materials Sci*	2018		Jaypee Institute of Information Technology, Noida	0

incorporation of TiO_2–Au nanocomposite in TiO_2 photoanode"	Biswas. S,					
"Combined effects of density ripples and transverse magnetic field on the suppression of stimulated Raman scattering of X-mode laser in a plasma",	S. Kumar, S. Baliyan, M. Rafat, V. Sajal,	*Optik*	2018		Jaypee Institute of Information Technology, Noida	0
"Nanoparticles based fiber optic SPR sensor",	Shah K., Sharma N. K.,	*AIP Conf. Proc.*	2018		Jaypee Institute of Information Technology, Noida	0
"Optimization of Coulomb glass system at low disorder',	P. Bhandari and V. Malik.,	*AIP Conference Proceedings, 1897,*	2018		Jaypee Institute of Information Technology, Noida	0
"Modified stimulated Raman scattering of a laser induced by trapped electrons in a plasma"	S. Baliyan, M. Rafat, N. Ahmad and V. Sajal	AIP Conference Proceedings 1897	2018		Jaypee Institute of Information Technology, Noida	0
Some improved interactive aggregation operators under interval-valued intuitionistic fuzzy environment and its application to decision making process	Garg H., Agarwal N., Tripathi A.,	Scientia Iranica, Elsevier,	2017		Jaypee Institute of Information Technology	0
Choquet Integral-Based Information Aggregation Operators under the interval-valued intuitionistic fuzzy set and Its Applications to Decision-Making Process	H., Agarwal N., Tripathi A.	International Journal for Uncertainty Quantification,	2017		Jaypee Institute of Information Technology	0
Energy dispersive x-ray fluorescent	Singh V.,Joshi G. C. and Bisht D.,	Journal of Applied Spectroscopy,	2017		Jaypee Institute of Information Technology	0

analysis of soil in the vicinity of industrial areas and heavy metal pollution assessment						
Rana, P., Moradi, R. , "Combined thermophoresis and Brownian motion effects on nanofluid free convection heat transfer in an L-shaped enclosure	Sheikholeslami, M., Chamkha, A.J.,	Chinese Journal of Physics, Elsevier,	2017		Jaypee Institute of Information Technology	0
Radiative nanofluid flow and heat transfer over a non-linear permeable sheet with slip conditions and variable magnetic field: Dual solutions",	Puneet Rana, Ruchika Dhanai and Lokendra Kumar	Ain Shams Engineering Journal,	2017		Jaypee Institute of Information Technology	0
Outer measure on effect algebras,	Akhilesh Kumar Singh,	Mathematica Slovaca,	2017		Jaypee Institute of Information Technology	0
The Attractors of Fuzzy Super Iterated Function Systems,	Prasad, B. and Katiyar, K.,	Indian Journal of Science and Technology,	2017		Jaypee Institute of Information Technology	0
Stability Result of Iterative Procedure in Normed Space,	Prasad, B. and Goyal K.,	International Journal of Control Theory and Applications,	2017		Jaypee Institute of Information Technology	1
Construction of RFIF using VVSFs with application,	Katiyar, K. and Prasad, B.,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Dynamics of iterative schemes for quadratic polynomial,	Goyal, K. and Prasad, B.,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Iterated function systems in G b-metric space,	Mishra, K. and Prasad, B.,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Effect of Non-homogeneity on Orthotropic Creep Stresses in a Pressurized Circular Cylinder,	Sanjeev Sharma and Rekha Panchal,	American Institute of Physics,	2017		Jaypee Institute of Information Technology	0

Advancement in Mathematical Sciences						
Elastic-Plastic Analysis of Homogeneous Thick-Walled Circular Cylinder under Internal and External Pressure with Steady State Temperature,	Sanjeev Sharma and Richa Sharma,	Advancement in Mathematical Sciences, American Institute of Physics,	2017		Jaypee Institute of Information Technology	0
Creep Deformation of a Non-homogeneous Thin Rotating Disk of Exponentially Varying Thickness with Internal Pressure,	Sanjeev Sharma, Manoj Sahani and Richa Sharma,	Advancement in Mathematical Sciences, American Institute of Physics,	2017		Jaypee Institute of Information Technology	0
Finite Deformations of Functionally Graded Shell under Outer Pressure with Steady State Temperature,	Sanjeev Sharma and Rekha Panchal, Manoj Sahni and Richa Sharma,	Advancement in Mathematical Sciences, American Institute of Physics,	2017		Jaypee Institute of Information Technology	0
Creep Transition in Bending of Functionally Graded Transversely Isotropic Rectangular Plates,	Sanjeev Sharma,	Structural Integrity and Life,	2017		Jaypee Institute of Information Technology	3
Zoran Radaković, Elastic-Plastic Transition in Torsion of Composite Thick-Walled Circular Cylinder Subjected to Pressure	Sanjeev Sharma, Pankaj Thakur, Richa Sharma, R.K. Bhardwaj,	Structural Integrity and Life,	2017		Jaypee Institute of Information Technology	0
Thermal Elastic-Plastic Transition of Non-Homogeneous Thick-Walled Circular Cylinder under External	Sanjeev Sharma, Manoj Sahni, Ravindra Kumar,	Mathematical Sciences and its Applications, American Institute of Physics,	2017		Jaypee Institute of Information Technology	0

Title	Authors	Publication	Year		Institution	Citations
Pressure,						
Stress Analysis of Elastic-Plastic Thick-Walled Cylindrical Pressure Vessels Subjected to Temperature	Sanjeev Sharma,	Structural Integrity and Life,	2017		Jaypee Institute of Information Technology	2
Thermo Creep Analysis of Thick-Walled Functionally Graded Cylinder under Internal and External Pressure, Mathematical Sciences and its Applications,	Sanjeev Sharma and Sanehlata Yadav,	American Institute of Physics,	2017		Jaypee Institute of Information Technology	0
Slip effects on MHD Hiemenz stagnation point nanofluid flow and heat transfer along a nonlinearly shrinking sheet with induced magnetic field: Multiple solutions',	Rana P., Uddin M.J., Gupta, P. and Ismail A.I.M. (2017),	Journal of the Brazilian Society of Mechanical Sciences and Engineering, Springer,	2017		Jaypee Institute of Information Technology	6
On the solutions of field equations due to rotating bodies in General Relativity,	V. Kumar, L. Kaur,	St. Petersburg Polytechnical University Journal: Physics and Mathematics	2017		Jaypee Institute of Information Technology	0
Watermarking Scheme based on Singular Value Decomposition and Homomorphic Transform,	Verma D., Aggarwal A. K., and Agarwal H.,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Approximate Equalities Using Generalized Topological Space	Tyagi K., Tripathi A.,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Watermarking Scheme based on Singular Value Decomposition and Homomorphic Transform	Deval Verma, A.K. Aggarwal and Himanshu Agarwal,	Advancement in Mathematical Sciences, AIP Conf. Proc.	2017		Jaypee Institute of Information Technology	0

Hall Effect on Thermosolutal Convection of Ferromagnetic Fluids in Porous Medium", Advancement in Mathematical Sciences,	A. K. Aggarwal and Suman Makhija,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Thermosolutal instability of Rivlin-Ericksen fluid under the effect of suspended particles and compressibility in porous medium"	A. K. Aggarwal and Dhruva Dixit, "	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Recursive differentiation method to study the nature of carbon nanobeams: A numerical approach	Priyanka Nagar and Parul Tiwari,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	2
Scattering of quasi seismic waves between self-reinforced and triclinic media	Kumari P.,	2nd International Conference on Recent Advances in Mathematical Sciences and its Applications (RAMSA-2017), American Institute of Physics (AIP), Vol. 1897, pp. 020015 (2017).	2017		Jaypee Institute of Information Technology	0
Real coded genetic algorithm for fuzzy time series prediction."	Jain S., Bisht D. C. S, Singh, P. and Mathpal P. C.	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
A unique conversion approach clubbed with a new ranking technique to optimize fuzzy transportation cost.	Bisht D. and Srivastava P. K.	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Solution of higher order boundary value problems by	Chaurasia A., Srivastava P. C., Gupta Y.,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0

spline methods,						
Numerical solution of system of boundary value problems using B-spline with free parameter,	Gupta Y.,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Linear stability analysis on the onset of MHD non-Newtonian viscoelastic rotating nanofluid layer with heat generation	Rana P., Khurana M., Srivastava, S.,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	1
Influence of g–jitter on the Rayleigh-Bénard convection in nanofluids with internal heat source	Agarwal S., Rana P. ,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Creep stresses in a spherical shell under steady state temperature",	Verma G., Rana P.,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Unsteady MHD nanofluid flow past a stretching sheet with Stefan blowing effect: HAM solution	Shukla N, Rana P. ,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	2
Effect of chemical reaction and viscous dissipation on MHD nanofluid flow over a horizontal cylinder: Analytical solution	Shukla, N., Rana, P., Beg O.A. & Singh B.	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	7
Creep transition in the rotating spherical shell under the effect of density variable by Seth's transition theory	Verma, G., Rana, P., Pathania D.S., Thakur P.	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Numerical study of steady dissipative mixed convection	Diksha Gupta, Lokendra Kumar, O. Anwar Bég, and Bani Singh	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0

optically-thick micropolar flow with thermal radiation effects						
On the growth and approximation of entire functions represented by Laplace - Stieltjes' transformation,	Chhaya Singhal and G.S.Srivastava,	ANNALI DELL'UNIVER SITA' DI FERRARA	2017		Jaypee Institute of Information Technology	0
Functions of bounded variation on effect algebras	Akhilesh Kumar Singh,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Geometric objects recurrent in a direction and directionally recurrent Finsler spaces	Shivalika Saxena, P. N. Pandey, and Suresh K. Shukla,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Improved DE algorithm with information utilization selection for constrained optimization	Pravesh Kumar,	AIP Conference Proceedings	2017		Jaypee Institute of Information Technology	0
Dynamical analysis of lump solutions for (3+ 1) dimensional generalized KP-Boussinesq equation and its dimensionally reduced equations,	Lakhveer Kaur, A. M. Wazwaz,	Physica Scripta	2018		Jaypee Institute of Information Technology	0
Similarity solutions of field equations with an electromagnetic stress tensor as source,	Lakhveer Kaur, A. M. Wazwaz,	Romanian Reports in Physics,	2018		Jaypee Institute of Information Technology	0
Lie symmetry based-analytical and numerical approach for modified Burgers-KdV equation,	V. Kumar, Lakhveer Kaur, A. Kumar, M. E. Koksal,	Results in Physics,	2018		Jaypee Institute of Information Technology	0
Robust video watermarking using	A. Bhardwaj, V. S. Verma, R. K. Jha ,	Multimedia Tools and Applications	2018		Jaypee Institute of Information Technology	0

significant frame selection based on coefficient difference of lifting wavelet transform,						
Finite element study of radiative double-diffusive mixed convection magneto-micropolar flow in a porous medium with chemical reaction and convective condition	G. Swapna, Kumar L., Rana P., Kumar, A.and Singh B.,	Alexandria Engineering Journal,	2018		Jaypee Institute of Information Technology	3
Particle swarm optimized fuzzy method for prediction of water table elevation fluctuation," International	Jain S., Bisht D., and Mathpal P. C.,	Journal of Data Analysis Techniques and Strategies	2018		Jaypee Institute of Information Technology	0
A unique computational method for constructing intervals in fuzzy time series forecasting",	Jain S., Mathpal P. C., Bisht D. and Singh P.,	Cybernetics and Information Technologies,	2018		Jaypee Institute of Information Technology	2
Trio-Geometric mean based three stage Runge-Kutta algorithm to solve initial value problem arising in autonomous systems	Vijeyata Chauhan and Pankaj Kumar Srivastava:	International Journal of Modeling, Simulation, and Scientific Computing"	2018		Jaypee Institute of Information Technology	0
Analytic study of (3+ 1)-dimensional Kadomstev-Petviashvili-Boussinesq equation: Painlevé analysis and exact solutions,	P. Verma, Lakhveer Kaur,	AIP Conference Proceedings	2018		Jaypee Institute of Information Technology	0
The Impact of Work Culture on Employee Satisfaction – Empirical Evidence from	Dev, S. and Sengupta, S.	International Journal of Human Resources Development and	2017		Jaypee Institute of Information Technology	1

the Indian Banking Sector		Management				
Mobile Shopping Apps: Functionalities, Consumer Adoption, and Usage	Chadha, P., Alavi, S., & Ahuja, V	International Journal of Cyber Behavior, Psychology and Learning	2017		Jaypee Institute of Information Technology	0
Assessing Preference of Communication Style in Indian Society	Banwari A., Shakeel M., Verma D.	Man In India	2017		Jaypee Institute of Information Technology	0
Does Preference For Negotiation Style Depends On Religious Orientation?	Shakeel M. Banwari A., Verma D.	International Journal of Applied Business & Economic Research	2017		Jaypee Institute of Information Technology	0
Mediating role of self-esteem in the relationship of mindfulness to resilience and stress.	B.Bajaj	International Journal of Emergency Mental Health and Human Resilience	2017		Jaypee Institute of Information Technology	1
Positive affect as mediator between emotional intelligence and creativity: An empirical study from India	R. Gupta and B. Bajaj	International Journal of Emergency Mental Health and Human Resilience	2017		Jaypee Institute of Information Technology	0
The Relationship between Leader's Emotional Intelligence and Employee Creativity: A Conceptual Framework of Mechanism	R. Gupta and B. Bajaj	Procedia Computer Science	2017		Jaypee Institute of Information Technology	0
Perceived toxicity in leaders: Through the demographic lens of subordinates	Singh, N., Dev, S., & Sengupta, S.	Procedia Computer Science	2017		Jaypee Institute of Information Technology	
Factors influencing consumers' attitude towards adoption and continuous use of mobile applications: a conceptual	Malik, A., S.Suresh, Sharma, S.	Procedia Computer Science	2017		Jaypee Institute of Information Technology	0

model						
How does Work Engagement vary with Employee Demography?: —Revelations from the Indian IT industry	Sharma, A., Goel, A., & Sengupta, S.	Procedia Computer Science	2017		Jaypee Institute of Information Technology	0
Cyber psychology and cyber behaviour of adolescents- the need of the contemporary era	Ahuja, V., & Alavi, S.	Procedia Computer Science	2017		Jaypee Institute of Information Technology	0
Generating trust using Facebook-A study of 5 online apparel brands	Sharma, R., Alavi, S., & Ahuja, V.	Procedia Computer Science	2017		Jaypee Institute of Information Technology	0
Core Self Evaluations Scale: An Empirical Attestation among Software Professionals	Sharma, P. K., & Misra, R. K.	Procedia Computer Science	2017		Jaypee Institute of Information Technology	0
Multivariate Features Based Instagram Post Analysis to Enrich User Experience	Mittal, V., Kaul, A., Gupta, S. S., & Arora, A.	Procedia Computer Science	2017		Jaypee Institute of Information Technology	1
Pester power: comparison between China and India	Chaudhary, M.	International Journal of Business Innovation and Research	2018		Jaypee Institute of Information Technology	0
Young Arab consumers: an analysis of family buying process in Oman	Chaudhary, M., Ghouse, S., & Durrah, O.	Young Consumers	2018		Jaypee Institute of Information Technology	3
Pretending Pirates: Tracing the Toxic Trails South Asia	Singh N., Sengupta, S., Dev, S.	International Journal of Learning and Change	2018		Jaypee Institute of Information Technology	
The Future Scope of Netnography and Social Network Analysis in the Field of Marketing	Sharma, R., Ahuja, V., & Alavi, S.	Journal of Internet Commerce	2018		Jaypee Institute of Information Technology	0

Title	Authors	Journal	Year		Institution	Citations
Towards a Better Understanding of the Relationship Between Authentic Leadership and Its Positive Outcomes: A Theoretical Framework	Singh, A., Sengupta, S., & Sharma, S.	International Journal of Innovation and Technology Management	2018		Jaypee Institute of Information Technology	0
Aligning Teaching Methods for Learning Outcome: A Need for Educational Change in Management Education using Quality Function Deployment Approach	Bakhru K.M	International Journal of Learning and Change	2018		Jaypee Institute of Information Technology	0
Entrepreneurial Communities and Family Enterprises of India: An Overview of their emergence and sustained growth	Bakhru K.M, Behera M.R, Sharma A.	Journal of Enterprising Communities: People and Places in the Global Economy	2018		Jaypee Institute of Information Technology	0
Contemporary Contextualizati on of Paanchali and Penelope through Chitra Banerjee's The Palace of Illusions and Margaret Atwood's The Penelopiad	Bhattacharya, M., & Srivastava, E.	Rupkatha Journal on Interdisciplinar y Studies in Humanities	2018		Jaypee Institute of Information Technology	0
Evolving Face of Consumer Ethics: An Empirical Study of Indian Millennial	Sharma, S., & Dev, S.	2018 5th International Symposium on Emerging Trends and Technologies in Libraries and Information Services (ETTLIS)	2018		Jaypee Institute of Information Technology	0
Wallet App Credibility Analysis Based on App Content and User Reaction	Arora, A., Malhotra, R., Saxena, N., & Sharma, S.	2018 5th International Symposium on Emerging Trends and Technologies in Libraries and	2018		Jaypee Institute of Information Technology	

Title	Authors	Journal	Year		Institution	Citations
		Information Services (ETTLIS)				
Comparison of Static and Dynamic Analyzer Tools for iOS Applications	Arpita Jadhav Bhatt, Chetna Gupta,	Wireless Personal Communication , Springer	2017		Jaypee Institute of Information Technology, Noida	0
Generalized Trust Model for Cooperative Routing in Wireless Ad hoc Networks	Raghu P. Vamsi, Krishna Kant,	Wireless Personal Communications,	2017		Jaypee Institute of Information Technology	0
Reconstructing missing hourly real-time precipitation data using a novel intermittent sliding window period technique for automatic weather station data	Hema N, Krishna Kant,	Journal of Meteorological Research , Springer	2017		Jaypee Institute of Information Technology	1
Quantum Genetic Algorithm based Scheduler for Batch of Precedence Constrained Jobs on Heterogeneous Computing Systems	Taj Alam, Zahid Raza	Journal of Systems and Software, Elsevier	2017		Jaypee Institute of Information Technology	3
An energy efficient clustering approach for collaborative data forwarding in heterogeneous MANET	Mohindra, Anubhuti Roda, and Charu Gandhi	International Journal of Communication Systems	2017		Jaypee Institute of Information Technology	0
Detection of sarcasm in text data using deep convolutional neural networks	Pulkit mehndiratta, Shelly Sachdeva, and Devpriya Soni,	Scalable Computing: Practice and Experience,	2017		Jaypee Institute of Information Technology	1
Brain Computer Interface for Micro-controller Driven Robot Based on	Parth Gargava, Krishna Asawa,	International Journal of Interactive Multimedia & Artificial Intelligence,	2017		Jaypee Institute of Information Technology	

Emotiv Sensors.						
IPL Visualization and Prediction Using HBase	Shubhra Singh, Parmeet Kaur	Procedia Computer Science, Elsevier	2017		Jaypee Institute of Information Technology	0
An Effective Precision Enhancement Approach to Estimate Software Development Cost: Nature Inspired Way	Ankita, Somya Jain, Chetna Gupta,	Journal of Telecommunication, Electronic and Computer Engineering, Universiti Teknikal Malaysia Melaka (UTeM)	2017		Jaypee Institute of Information Technology	0
Cost Estimation Model for Web Applications using Agile Software Development Methodology	Soni Devpriya, Purtee jethi kohli	Pertanika J. Sci. & Technol	2017		Jaypee Institute of Information Technology	1
A fuzzy based approach for bug report categorization	Indu Chawla, Sandeep k singh	International Journal of Intelligent Systems Technologies and Applications, Inderscience,	2017		Jaypee Institute of Information Technology	0
Study of Self-Similarity for Detection of Rate-based Network Anomalies	Gagandeep Kaur, Vikas Saxena, JP Gupta,	INTERNATIONAL JOURNAL OF SECURITY AND ITS APPLICATIONS,	2017		Jaypee Institute of Information Technology	0
New Path Based Index Structure for Processing CAS Queries Over XML Database	Dhanalekshmi G, Krishna Asawa	Journal of Computing and Information Technology, The university of zagreb computing centre (SRCE)	2017		Jaypee Institute of Information Technology	2
Topic Modeling Driven Content Based Jobs Recommendation Engine for Recruitment Industry	Shivam Bansal, Aman Srivastava, Anuja Arora,	Procedia Computer Science, Elsevier	2017		Jaypee Institute of Information Technology	0
Clu-PoF-A Novel Post Filtering Approach for Efficient Context Aware Recommendations	Anu Taneja, Anuja Arora	Procedia Computer Science, Elsevier,	2017		Jaypee Institute of Information Technology	0
Multivariate	Vatsala Mittal,	Procedia	2017		Jaypee Institute	

Title	Authors	Journal/Conference	Year		Institution	Citations
Features Based Instagram Post Analysis to Enrich User Experience.	Aastha Kaul, Santoshi Sen Gupta, Anuja Arora	Computer cience, Elsevier			of Information Technology	
Speak up: Get Rid from Daily Problems	Afreen, Sejal Goyal, Anuja Arora, Niyati Agarwal	Procedia Computer cience, Elsevier	2017		Jaypee Institute of Information Technology	0
Classification of Brain MRI Tumor Images: A Hybrid Approach	Sanjeev Kumar, Chetna Dabas, Sunila Godara,	Procedia Computer cience, Elsevier	2017		Jaypee Institute of Information Technology	6
Big data analytics for exploratory social network analysis	Chetna Dabas	International Journal of Information Technology and Management, Inderscience,	2017		Jaypee Institute of Information Technology	0
Analysis on DV-Hop Algorithm and its variants by considering threshold	Amanpreet Kaur, Padam Kumar, Govind P Gupta,	Journal of Telecommunica tion, Electronic and Computer Engineering (JTEC),	2017		Jaypee Institute of Information Technology	0
Keystroke Dynamics based Authentication System with Unrestricted Data Collection",	Shashank Gupta, Kavita Pandey, Jatin Yadav, Richa Sharma,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
Keystroke Dynamics Authentication using Fuzzy Logic",	Jatin Yadav, Kavita Pandey, Shashank Gupta, Richa Sharma,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
Disassembling and Patching iOS Applications at Assembly Level",	Jatin Yadav, Kavita Pandey, Shashank Gupta, Richa Sharma,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
CPLAG: Efficient Plagarism Detection using Bitwise Operations",	Shikha jain, Parmeet Kaur, Dhanlekshmi, Mukta Goyal,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
Fraud Detection and Frequent pattern matching in Insurance Claim using	Aayushi verma, Anu Taneja, Anuja Arora,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0

Data Mining Technique",						
Implementation of Ciphertext Policy-Attribute Based Encryption (CPABE) for Fine Grained Access Control of University Data	Shardha Porwal, , Sangeeta Mittal,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
Fault Tolerant Streaming of Live News using Multi-Node Cassandra	Shubham Dhingra, Shreeya Sharma, Parmeet Kaur, Chetna Dabas,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
Quantum Genetic Algorithm with Rotation Angle Refinement for Dependent Task Scheduling on Distributed Systems.	Taj Alam, T. Gandhi, Nitin ,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
Impact of non-linear numerical methods on Localization Algorithm	Amanpreet Kaur, Padam Kumar, Govind P Gupta,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
Diabetic Retinopathy Detection using feedforward Neural Network"	Jayant Yadav, Manish Sharma, Vikas Saxena,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
MSDApriori: Discovering Borderline-rare items using Association Mining	Shikhar Kesarwni,, Astha Goel, Neetu Sardana,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
Tension detection in online communities	K. Baindail, P. Gupta and P. Kaur,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
No-escape search: Design and implementatio n ofcloud based directory content search	Harshit Gujral, Abhinav Sharma, Sangeeta Mittal,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
Efficient	Shiraaz Saad,	10th	2017		Jaypee Institute	

Title	Authors	Conference	Year		Institution	Citations
content based image retrieval using SVM and color histogram	Harendra Kumar ; Tribhuwan Kumar Tewari,	International conference on Contemporary Computing, (IC3-2017)			of Information Technology	
Reach360:A Comprehensive Safety Solution	Saumya Pandey,, Nikita Jain, Aditi Bhardwaj, Gagandeep Kaur, Vimal Kumar,	10th International conference on Contemporary Computing, (IC3-2017)	2017		Jaypee Institute of Information Technology	0
Hybrid context aware recommender systems	Rajshree Jain , Jaya Tyagi and Sandeep Kumar Singh and Taj Alam,	AIP Conference Proceedings,	2017		Jaypee Institute of Information Technology	1
The Low-rate Denial of Service Attack Based Comparative Study of Active Queue Management Scheme"	Sanjeev Patel, Abhinav Sharma,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Differential Evolution-based Subspace Clustering via Thresholding Ridge Regression	Ankur Kulhari, Mukesh Saraswat,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Data Clustering using Enhanced Biogeography-based Optimization	Raju Pal, Mukesh Saraswat,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Hybrid Step Size based Cuckoo Search	Avinash Chandra Pandey, Dharmveer Singh Rajpoot, Mukesh Saraswat,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Sarcasm Detection of Tweets: A comparative Study,	Tanya Jain, Nilesh Aggarwal, Garima Goyal, Niyati Aggrawal,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Are Tweets The Real Estimators Of Election Results?	Munaza Ramzan, E. Annapoorna, Shikha Mehta,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0

Title	Authors	Conference	Year		Institution	Citations
Authorship Attribution for textual data on Online Social Networks	Ritu Banga, Pulkit Mehndiratta	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Sentiment Analysis of Text using Deep Convolution Neural Networks,	Anmol Chachra, Pulkit Mehndiratta, Mohit Gupta	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Clickstream & Behavioral Analysis with Context Awareness for e-Commercial Applications,	Sakshi Bansal, Chetna Gupta, Adwitiya Sinha,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Investigation of IR based Topic Models on Issue Tracking Systems to Infer Software-Specific Semantic Related Term Pairs,	Denzil Correa, Sangeeta Lal, Ashish Sureka,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Supporting Collaborative Software Development in Academic Learning Environment ,	Ritu Arora, Sanjay Goel, R.K. Mittal,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Impact Analysis of Rank Attack with Spoofed IP on Routing in 6LoWPAN Network,	Krishna Kumar Rai, Krishna Asawa,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Horizontal Fat Mesh Interconnectio n Network,	Akash Punhani, Pardeep Kumar, Nitin,A	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Clustering based Minimum Spanning Tree Algorithm,	Sakshi Saxena, Priyanka Verma, Dharmveer Singh Rajpoot,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Performance Evaluation of Various Data Structures in Building	Dhanalekshmi G., Krishna Asawa	Tenth International Conference on Contemporary Computing (	2017		Jaypee Institute of Information Technology	

Efficient Indexing schemes for XML Documents		IC3)				
Efficient Content Based Image Retrieval using SVM and Color Histogram	Shiraaz Saad, Harendra Kumar, Tribhuwan Kumar Tewari ,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Resolving Identities on Facebook and Twitter,	Suyash Somani, Somya Jain,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Randomized Grey Wolf Optimizer (RGWO) with randomly weighted coefficients,	Kartikeya Jaiswal, Himanshu Mittal, Sonia Kukreja,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Hybrid Particle Swarm training for Convolution Neural Network (CNN),	Yoshika Chhabra, Sanchit Varshney, Ankita,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Network Diffusion for Information Propagation in Online Social Communities,	Shubham Jain, Govind Mohan, Adwitiya Sinha	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
Differential Evolution based subspace clustering via Thresholding Ridge Regression,	Ankur Kulhari, Mukesh Saraswat,	Tenth International Conference on Contemporary Computing (IC3)	2017		Jaypee Institute of Information Technology	0
A Novel approach of Sentiment Classification using Emoticons	Shivani Bahri, Pranav Bahari, Sangeeta Lal,	procedia computer science,	2017		Jaypee Institute of Information Technology	1
Construction of Adaptive Pulse Coupled Neural Network for Abnormality Detection in Medical Images	Upadhyay, P.K., Satish Chandra	Applied Artifical Intillegence, Taylor&Fransis ,	2018		Jaypee Institute of Information Technology	0
Performance Analysis of AQM Scheme	Sanjeev Patel, Kanwar Sen, Karmeshu,	IEEE Systems Journal, IEEE,	2018		Jaypee Institute of Information Technology	0

Using Factorial Design Framework,						
Trust and Reputation Aware Geographic Routing Method for Wireless Ad Hoc Networks",	Raghu P. Vamsi, Krishna Kant,	International Journal of Ad Hoc and Ubiquitous Computing, , Inderscience,	2018		Jaypee Institute of Information Technology	0
An energy-efficient clustering approach for collaborative data forwarding in heterogeneous MANET",	Anubhuti Roda Mohindra, Dr. Charu Gandhi,	International Journal of Wireless Communication ,	2018		Jaypee Institute of Information Technology	0
Reconstruction of Missing Hourly Precipitation Data to Increase Training Data Set for ANN	Hema Nagaraja, Krishna Kant, K Rajalakshmi	International Journal of Agricultural and Environmental Information Systems	2018		Jaypee Institute of Information Technology	0
Healthcare Text Classification System and its Performance Evaluation: A Source of Better Intelligence by Characterizing Healthcare Text	Srivastava, S.K., Singh, S.K. Suri, J.S.	Journal of Medical Systems,	2018		Jaypee Institute of Information Technology	1
Construction of Adaptive Pulse Coupled Neural Network for Abnormality Detection in Medical Images	Upadhyay, P.K., Satish Chandra,	Applied Artifical Intillegence Taylor&Fransis,	2018		Jaypee Institute of Information Technology	1
Word Sense Based Hindi-Tamil Statistical Machine Translation	Vimal Kumar K, Divakar Yadav,	International Journal of Intelligent Information Technologies,Idea Group publishing,	2018		Jaypee Institute of Information Technology	0
Performance Analysis of AQM Scheme Using Factorial Design Framework,	Sanjeev Patel, Kanwar Sen, Karmeshu,	IEEE Systems Journal,	2018		Jaypee Institute of Information Technology	0
Trust and	Raghu P.	International	2018		Jaypee Institute	0

Title	Authors	Journal	Year		Publisher	Citations
Reputation Aware Geographic Routing Method for Wireless Ad Hoc Networks",	Vamsi, Krishna Kant,	Journal of Ad Hoc and Ubiquitous Computing, Inderscience			of Information Technology	
PowKMeans: A Hybrid Approach for Gray Sheep Users Detection and their Recommendations	H.Jindal, Shalini, N.Sardana,	International Journal of Information Technology and Web Engineering (IJITWE),	2018		Jaypee Institute of Information Technology	0
Reconstruction of Missing Hourly Precipitation Data to Increase Training Data Set for ANN	Hema N, Krishna Kant, K. Rajalakshmi,	International Journal of Agricultural and Environmental Information Systems, IGI Global	2018		Jaypee Institute of Information Technology	0
A Collaborative Situational Method Engineering Approach for Requirement Gathering: A Re-Defined View	Ankita Gupta, Chetna Gupta	International Journal of Information Retrieval Research (IJIRR)IGI Global	2018		Jaypee Institute of Information Technology	0
Nature Inspired Algorithm-Based Improved Variants of DV-Hop Algorithm for Randomly Deployed 2D and 3D Wireless Sensor Networks.	Amanpreet Kaur, Padam Kumar, Govind P Gupta,	Wireless Personal Communications	2018		Jaypee Institute of Information Technology	0
An Efficient Hybrid Intrusion Detection System in Cloud	Jitendra Kumar Seth, Satish Chandra ,	Journal of Advanced Research in Dynamical and Control systems, Elsevier	2018		Jaypee Institute of Information Technology	0
A Novel Approach of Intuitive K-means Clustering for Renal Calculi Detection in Ultrasound	Pawan Kumar Upadhyay, Arun Sharma,Satish chandra,	International Journal on Electrical Engineering and Informatics, The School of Electrical	2018		Jaypee Institute of Information Technology	0

Images		Engineering and Informatics, Institut Teknologi Bandung				
Recommendation research trends: review, approaches and open issues.	Taneja, A., & Arora, A.	International Journal of Web Engineering and Technology,Inderscience,	2018		Jaypee Institute of Information Technology	0
A. Modeling and characterizing viewers of YouTube videos.	Aggrawal, N., Arora, A., & Anand,	International Journal of System Assurance Engineering and Management,	2018		Jaypee Institute of Information Technology	0
An energy-efficient clustering approach for collaborative data forwarding in heterogeneous MANET	Anubhut Roda Mohindra, Dr. Charu Gandhi,	International Journal of Wireless Communication	2018		Jaypee Institute of Information Technology	0
Reconstruction of Missing Hourly Precipitation Data to Increase Training Data Set for ANN	Hema Nagaraja, Krishna Kant, K Rajalakshmi,	International Journal of Agricultural and Environmental Information Systems (IJAEIS)	2018		Jaypee Institute of Information Technology	0
WQVP: An API enabled Open Data Machine Learning based Solution for Water Quality Visualization and Prediction	Pooja Lodhi, Omji Mishra, Gagandeep Kaur,	Journal of Telecommunication, Electronic and Computer Engineering (JTEC)	2018		Jaypee Institute of Information Technology	0
Healthcare Text Classification System and its Performance Evaluation: A Source of Better Intelligence by Characterizing Healthcare Text	Srivastava, S.K., Singh, S.K. Suri, J.S.,	Journal of Medical Systems,	2018		Jaypee Institute of Information Technology	1
Automated labeling of Issue reports using Semi supervised	Indu Chawla, Sandeep k Singh,	Journal of Computational Methods in Sciences and Engineering,	2018		Jaypee Institute of Information Technology	

approach		IOS press,				
Prediction of Missing Links in a Social Networks: FINN (Feature Integration with Node Neighbor)	A.K.Gupta, N.Sardana,	International Journal of Web Based Communities(IJWBC),Inderscience,	2018		Jaypee Institute of Information Technology	0
Decomposition and Compression of Backward Browsing for Efficient Session Regeneration and Navigation Prediction	H.Jindal, N.Sardana,	International Journal of Web Based Communities(IJWBC), Inderscience	2018		Jaypee Institute of Information Technology	0
A Collaborative Approach for Improvisation and Refinement of Requirement Prioritization Process,	A Gupta, Chetna Gupta,	Journal of Information Technology Research (JITR), IGI Global,	2018		Jaypee Institute of Information Technology	
Integrated framework for Posture Recognition	Shipra Madan, Devpriya Soni, Harvinder Kaur,	International Journal of Advanced Intelligence Paradigms (IJAIP)	2018		Jaypee Institute of Information Technology	0
Clean Green: Pollution Evaluator	Afreen, Sejal Goyal, Anuja Arora, Amanpreet Kaur, Niyati Aggrawal,	Proc of. 3rd International Conference on Internet of Things and Connected Technologies, ICIoTCT	2018		Jaypee Institute of Information Technology	0
Disease Prediction Using Machine Learning	Anant Agarwal, Harshit Agarwal, Shivam Mittal,	Proc of. 3rd International Conference on Internet of Things and Connected Technologies, ICIoTCT	2018		Jaypee Institute of Information Technology	0
Personalization of Test Sheet Based on Blooms Taxonomy in E-Learning System Using Genetic Algorithm	Mukta Goyal, Rajalakshmi K. ,	Proc of. 5th International Conference on Advanced Computing, Networking, and Informatics,	2018		Jaypee Institute of Information Technology	0
Greenhouse	Nikunj Geol,	Proc of.	2018		Jaypee Institute	0

Monitoring System Using Internet of Things and Cloud-Based Technology	Mmahendra gurve	International Conference on Internet of Things and Connected Technologies (ICIoTCT),			of Information Technology	
An Acceleration of Improved Segmentation Methods for Dermoscopy Images Using GPU	Updhyay P.K., Chandra Satish,	Proc of. International Conference on Emerging Trends in Communication, Computing and Electronics (IC3E-2018),	2018		Jaypee Institute of Information Technology	0
Comparison of Some Approximate Algorithms Proposed for Traveling Salesmen and Graph Partitioning Problems	Jyoti Gupta, Sangeeta Lal,	Proc of. 3rd International Conference on Internet of Things and Connected Technologies (ICIoTCT)	2018		Jaypee Institute of Information Technology	0
Hybrid Approach for Disease Prediction",	Megha Rathi, Shruti Sahu, Ankit Goel, Pramit Gupta,	Proc of. International Conference on â€œComputing for Sustainable Global Development,	2018		Jaypee Institute of Information Technology	0
Speech Based Intelligent System To Assist Blind/ Low Vision Users Virtual Eyes	Megha Rathi, Karan Gandhi, Tanishk Agrawal, Vaibhav Upadhayaya,	Proc of. 3rd International Conference on Internet of Things and Connected Technologies (ICIoTCT),	2018		Jaypee Institute of Information Technology	0
Prediction of health fitness and heart status using data mining techniques",	Megha Rathi, Dhruv Garg, Mehul Goel, Vatsal Singhal,	Proc of. 3rd International Conference on Internet of Things and Connected Technologies (ICIoTCT),	2018		Jaypee Institute of Information Technology	0
Load Optimization in Femtocell Using Iterative Local Search Heuristics in an Enterprise Environment	Rajalakshmi Krishnamurthi, Mukta Goyal,	International Conference on Smart System, Innovations and Computing ,	2018		Jaypee Institute of Information Technology	
News Analysis Using Word	Chandrapaul, Rounak Soni,	International Conference on	2018		Jaypee Institute of Information Technology	0

Cloud",	Shubham Sharma, Hemraj Fagna, Sangeeta Mittal,	Signal Processing and Communications,			Technology	
Micro Activity Recognition of Mobile Phone Users Using Inbuilt Sensors",	Aakash Bansal, Abhishek Shukla, Shaurya Rastogi, Sangeeta Mittal,	Confluence-2018:8th International Conference on Cloud Computing, Data Science & Engineering,	2018		Jaypee Institute of Information Technology	0
Clean Green: Pollution Evaluator", Proc of. 3rd International Conference on	Afreen, Anuja Arora, Amanpreet Kaur, Niyati Aggrawal,	Internet of Things and Connected Technologies (ICIoTCT),	2018		Jaypee Institute of Information Technology	0
MIDS: Metaheuristic Based Intrusion Detection System for Cloud Using k-NN and MGWO	Seth Jitendra Kumar, Satish Chandra,	Proc of. International Conference on Advances in Computing and Data Sciences (ICACDS 2018),	2018		Jaypee Institute of Information Technology	0
Internet of Everything: Application and Various Challenges Analysis",	Arunesh Shankar Mishra, Shariq Murtuza,	INDIACom-2018	2018		Jaypee Institute of Information Technology	0
Web Service Response Time Using Machine Learning Techniques	Devpriya Soni, Ambalika Sarkar, Amit Bhagat,	INDIACom-2018	2018		Jaypee Institute of Information Technology	0
Nature Inspired Classifier Based On Binary Neural Network and Fuzzy Ant Colony Optimization Algorithm",	Sachin Bhandari, , Dharmendra Dangi, Amit Bhagat, Devpriya Soni,	INDIACom-2018	2018		Jaypee Institute of Information Technology	0
Machine learning approach to detect presence of ransomware in android device	Anubhav Johri, Gautam Sharma, Shivangi Akshita, Anuradha Gupta,	INDIACom-2018	2018		Jaypee Institute of Information Technology	0
Location-Based Services: Current State of The Art and Future Prospects(Acce	K. Rajalakshmi, Mukta goyal,	Optical and Wireless Technologies	2018		Jaypee Institute of Information Technology	0

pted)

Title	Authors	Publication	Year			Institution	Citations
Clean Green: Pollution Evaluator	Afreen Arora, Sejal Goyal, Anuja Arora, Amanpreet Kaur and Niyati Aggarwal,	Proceedings of 3rd International Conference on Internet of Things and Connected Technologies (ICIoTCT),	2018			Jaypee Institute of Information Technology	0
Discovering Social Influence for Media Dynamics	Somya Jain, Adwitiya Sinha,	5th IEEE International Conference for Sustainable Global Development,	2018			Jaypee Institute of Information Technology	0
Web Traffic Analysis of Real Time Event of Socially Interacting Network," Special Session on "Performance Analytics for Next-Generation Computing,"	Shashank Gupta, Sahil Upadhayay, Adwitiya Sinha,	12th IEEE INDIACom	2018			Jaypee Institute of Information Technology	0
Improving Performance of AES Encryption Algorithm in Wireless Sensor Networks	Meeta Gupta, Adwitiya Sinha,	IEEE International Conference for Sustainable Global Development,	2018			Jaypee Institute of Information Technology	0
Discovering Social Influence in e-Commerce with Twitter Analysis	Amrit Kaur, Adwitiya Sinha,	3rd International Conference on Internet of Things and Connected Technologies, Elsevier, pp.1-6, 2018	2018			Jaypee Institute of Information Technology	0
Data Analytics for Consumer Purchasing Pattern with Behavioral Segmentation," Special Session on "Internet of Things - Advances and Applications	Kailash Roy, Puneet Jaiswal, Adwitiya Sinha,	3rd International Conference on Internet of Things and Connected Technologies, Elsevier,	2018			Jaypee Institute of Information Technology	0
Analysis of Real Life Networks using Centrality Measure,	Pooja Lodhi, E Annapoorna, Omji Mishra, Adwitiya Sinha,	3rd International Conference on Internet of	2018			Jaypee Institute of Information Technology	0

		Things and Connected Technologies, Elsevier,					
Personalization of Test Sheet Based on Bloomâ€™s Taxonomy in E-Learning System Using Genetic Algorithm",	Mukta Goyal, Rajalakshmi Krishnamurthy,	Advances in Intelligent Systems and Computing	2018		Jaypee Institute of Information Technology		0
Global Contrast Enhancement Based Image Forensics Using Statistical Features	Singh N., Gupta A., Jain R.C.	Advances in Electrical and Electronic Engineering	2017		Jaypee Institute of Information Technology		4
Coded-Cooperation based Multi-Relay Algorithm for Device-to-Device Communication in 5G Cellular Networks	Tonk VK, Vivek K. Dwivedi, Yadav PK	Indian Journal of Science and Technology	2017		Jaypee Institute of Information Technology		0
Expanding the UVM Register Model towards Automation and Simplicity of Use	Abhishek Jain and Richa Gupta	International Journal of Advanced Research in Computer Science	2017		Jaypee Institute of Information Technology		0
A Novel and Efficient Black and White Area Preserving Algorithm for Removal of Salt and Pepper Noise	Abhishek Jain and Richa Gupta	International Journal of Electronics Engineering Research (IJEER)	2017		Jaypee Institute of Information Technology		0
Clustering Based Power Optimization of Digital Circuits for FPGAs	Gaurav Verma, Chetna Dabas, Ashish Goel, Manish Kumar and Vijay Khare	Journal of Information and Optimization Sciences (Taylor & Francis)	2017		Jaypee Institute of Information Technology		0
<u>Triple band notched DG-CEBG structure based UWB MIMO/diversity antenna</u>	Naveen Jaglan, Binod K. Kanaujia, Samir Dev Gupta and Shweta Srivastava and Ekta Thakur	Progress in electromagnetic Research C	2017		Jaypee Institute of Information Technology		4
Novel Electronically Controlled Current-Mode	A. Kumar, B. Chaturvedi	AEU-International Journal of Electronics and	2017		Jaypee Institute of Information Technology		6

Title	Authors	Journal	Year			Institution		Citations
Schmitt Trigger Based on Single Active Element		Communications						
A 28-nm 32Kb SRAM For Low-VMIN Applications Using Write and Read Assist Techniques	S. Kumar, K. Saha, H.O. Gupta	Radioengineering	2017			Jaypee Institute of Information Technology		0
Study of SRAM Standby Leakage Reduction Techniques for Deep-submicron CMOS Technology	S. Kumar, K. Saha, H.O. Gupta	International Journal of Control and Automation	2017			Jaypee Institute of Information Technology		0
An Evaluation of Digital Image Forgery Detection Approaches	Abhishek Kashyap, Rajesh Singh Parmar, Megha Agarwal, Hariom Gupta	International Journal of Applied Engineering Research	2017			Jaypee Institute of Information Technology		0
A new current tunable current input current output biquad using CFTAs	S. V. Singh, R. S. Tomar and D. S. Chauhan	Int'l Journal of Engineering Science and Technology	2017			Jaypee Institute of Information Technology		2
Electronically tunable current mode biquad filter based on single VDTA and grounded passive elements	C. Shankar and S. V. Singh	Int'l J. of Engineering and Technology	2017			Jaypee Institute of Information Technology		1
Clustering Based Power Optimization of Digital Circuits for FPGAs	G. Verma, C. Dabas, A. Goel, M. Kumar, V. Khare	Journal of Information and Optimization Sciences (JIOS), Taylor Francis	2017			Jaypee Institute of Information Technology		0
Integrated Fuzzy Control to Power Management on Event Based Wireless Sensor Node model	A. Pughat, and V. Sharma	Journal of Information Science and Engineering	2018			Jaypee Institute of Information Technology		0
Electronically Tunable Current-Mode Instrumentation Amplifier with High CMRR and Wide Bandwidth	B. Chaturvedi, A. Kumar	AEU-International Journal of Electronics and Communications	2018			Jaypee Institute of Information Technology		0
A Novel	B. Chaturvedi,	AEU-	2018			Jaypee Institute		0

Title	Authors	Journal	Year		Institution	Citations
Electronically Controlled Schmitt Trigger with Clockwise and Anticlockwise Hysteresis	A. Kumar	International Journal of Electronics and Communications			of Information Technology	
A New Versatile Universal Biquad Configuration for Emerging Signal Processing Applications	B. Chaturvedi, J. Mohan and A. Kumar	Journal of Circuits, Systems, and Computers	2018		Jaypee Institute of Information Technology	0
A Novel Linear Square/Triangular Wave Generator with Tunable Duty Cycle	B. Chaturvedi, A. Kumar	AEU-International Journal of Electronics and Communications	2018		Jaypee Institute of Information Technology	
Novel CMOS Dual-X Current Conveyor Transconductance Amplifier Realization with Current-mode Multifunction Filter and Quadrature Oscillator	A. Kumar, B. Chaturved	Circuits, Systems and Signal Processing	2018		Jaypee Institute of Information Technology	7
Miniaturized Dual-band Metamaterial Inspired Antenna with modified SRR Loading	Ashish Gupta	International Journal of RF and Microwave Computer Aided Engineering	2018		Jaypee Institute of Information Technology	0
Slotted Folded Substrate Integrated Waveguide Band Pass Filter with Enhanced Bandwidth for Ku/K Band Applications	Nitin Muchhal, Arnab Chakraborty, Manoj Vishwakarma and Shweta Srivastava	Progress In Electromagnetics Research M	2018		Jaypee Institute of Information Technology	0
Ku Band Pattern Reconfigurable Substrate Integrated Waveguide Leaky Wave Horn Antenna	Tanvi Agrawal and Shweta Srivastava	AEU - International Journal of Electronics and Communications	2018		Jaypee Institute of Information Technology	3
Compact Microstrip Antenna Design at 60	Ekta Thakur, Naveen Jaglan, Samir Dev Gupta, Shweta	International Journal of Microwave and Optical	2018		Jaypee Institute of Information Technology	0

Title	Authors	Journal	Year		Affiliation		Citations
GHz for Next Generation Communication Systems	Srivastava	Technology					
Triple Band Notched Mushroom and Uniplanar EBG Structures based UWB MIMO/Diversity Antenna with Enhanced wide band Isolation	Naveen Jaglan, Samir Dev Gupta, B K kanaujia, Ekta Thakur, Shweta Srivastava	AEU - International Journal of Electronics and Communications	2018		Jaypee Institute of Information Technology		4
Spectrum Selectivity and Responsivity of ZnO Nanoparticles Coated Ag/ZnO QDs/Ag UV photodetectors	Yogesh Kumar, Hemant Kumar, Gopal Rawat, Chandan Kumar, Bhola N Plal, Satyabrata Jit	IEEE Photonics Technology Letter	2018		Jaypee Institute of Information Technology		0
3D local ternary co-occurrence patterns for natural, texture, face and biomedical image retrieval	Megha Agarwal, Amit Singhal, BrejeshLall	Elsevier Journal of Neurocomputing	2018		Jaypee Institute of Information Technology		0
Area efficient layout design of CMOS circuit for high-density ICs" International Journal of Electronics	Vimal Kumar Mishra and R. K. Chauhan	Taylor Francis	2018		Jaypee Institute of Information Technology		0
3D Multilayer Mesh NoC Communication and FPGA Synthesis	Kumar, G. Verma, M. K. Gupta, M. Salauddin, B. K. Rehman, and D. Kumar	Wireless Personal Communications	2018		Jaypee Institute of Information Technology		0
rate–based relay selection strategy in FSO systems	ParulPuri and Parul Garg	Wiley International Journal of Communication Systems	2018		Jaypee Institute of Information Technology		0
On the Performance of RF-FSO System over Rayleigh and kappa-mu/Inverse Gaussian Fading Environment	Gupta J., Dwivedi V., Karwal V.	IEEE Access	2018		Jaypee Institute of Information Technology		0
Free Space Optical	Gupta J., Dwivedi V.,	IET Communications	2018		Jaypee Institute of Information		0

Title	Authors	Journal/Publisher	Year			Institution		Citations
Communications with Distributed Switch-and-Stay Combining	Karwal V., Ansari I. S., Karagiannidis G. K.					Technology		
Functional Modelling, Validation and Testing of Analog to Digital Converters (ADC) from System Design perspective", in Analog Integrated Circuits and Signal Processing	Chauhan T., Tripathi A., Sehra P., Karwal V.	Springer	2018			Jaypee Institute of Information Technology		0
Analytical Median Filtering Forensics Based on Moment Histograms	Gupta A., and Singhal D.	ACM Transactions on Multimedia Computing, Communications, and Applications	2018			Jaypee Institute of Information Technology		0
Effect Of Superstrate On A Cylindrical Microstrip Antenna	P. K. Singh and J. Saini	Progress In Electromagnetics Research Letters	2018			Jaypee Institute of Information Technology		0
Integrated Fuzzy Control to Power Management on Event Based Wireless Sensor Node model	Pughat and V. Sharma	Journal of Information Science and Engineering	2018			Jaypee Institute of Information Technology		0
Electronically Tunable Current-Mode Instrumentation Amplifier with High CMRR and Wide Bandwidth	Chaturvedi, A. Kumar	AEU-International Journal of Electronics and Communications	2018			Jaypee Institute of Information Technology		1
A Novel Electronically Controlled Schmitt Trigger with Clockwise and Anticlockwise Hysteresis	Chaturvedi, A. Kumar	AEU-International Journal of Electronics and Communications	2018			Jaypee Institute of Information Technology		0
A New Versatile Universal Biquad Configuration for Emerging	B. Chaturvedi, J. Mohan and A. Kumar	Journal of Circuits, Systems, and Computers.	2018			Jaypee Institute of Information Technology		0

Title	Authors	Journal	Year		Institution		Citations
Signal Processing Applications							
A Novel Linear Square/Triangular Wave Generator with Tunable Duty Cycle	B. Chaturvedi, A. Kumar	AEU-International Journal of Electronics and Communications	2018		Jaypee Institute of Information Technology		4
Novel CMOS Dual-X Current Conveyor Transconductance Amplifier Realization with Current-mode Multifunction Filter and Quadrature Oscillator	Kumar, B. Chaturvedi	Circuits, Systems and Signal Processing	2018		Jaypee Institute of Information Technology		7
Miniaturized Dual-band Metamaterial Inspired Antenna with modified SRR Loading	Ashish Gupta	International Journal of RF and Microwave Computer Aided Engineering	2018		Jaypee Institute of Information Technology		0
Slotted Folded Substrate Integrated Waveguide Band Pass Filter with Enhanced Bandwidth for Ku/K Band Applications	Nitin Muchhal, Arnab Chakraborty, Manoj Vishwakarma and Shweta Srivastava	Progress In Electromagnetics Research M	2018		Jaypee Institute of Information Technology		0
Ku Band Pattern Reconfigurable Substrate Integrated Waveguide Leaky Wave Horn Antenna	Tanvi Agrawal and Shweta Srivastava	AEU - International Journal of Electronics and Communications	2018		Jaypee Institute of Information Technology		3
Compact Microstrip Antenna Design at 60 GHz for Next Generation Communication Systems	Ekta Thakur, Naveen Jaglan, Samir Dev Gupta, Shweta Srivastava	International Journal of Microwave and Optical Technology	2018		Jaypee Institute of Information Technology		0
Triple Band Notched Mushroom and Uniplanar EBG Structures based UWB MIMO/Diversity Antenna with Enhanced wide	Naveen Jaglan, Samir Dev Gupta, B K kanaujia, Ekta Thakur, Shweta Srivastava	AEU - International Journal of Electronics and Communications	2018		Jaypee Institute of Information Technology		0

band Isolation							
Spectrum Selectivity and Responsivity of ZnO Nanoparticles Coated Ag/ZnO QDs/Ag UV photodetectors	Yogesh Kumar, Hemant Kumar, Gopal Rawat, Chandan Kumar, Bhola N Plal, Satyabrata Jit	IEEE Photonics Technology Letter	2018			Jaypee Institute of Information Technology	0
3D local ternary co-occurrence patterns for natural, texture, face and biomedical image retrieval	Megha Agarwal, Amit Singhal, BrejeshLall	Elsevier Journal of Neurocomputing	2018			Jaypee Institute of Information Technology	0
Area efficient layout design of CMOS circuit for high-density ICs	Vimal Kumar Mishra and R. K. Chauhan	International Journal of Electronics, Taylor Francis	2018			Jaypee Institute of Information Technology	0
3D Multilayer Mesh NoC Communication and FPGA Synthesis	Kumar, G. Verma, M. K. Gupta, M. Salauddin, B. K. Rehman, and D. Kumar	Wireless Personal Communications	2018			Jaypee Institute of Information Technology	0
Reconfigurable Microstrip Antennas Conformal to Cylindrical Surface	Prasanna K. Singh and Jasmine Saini	Progress in Electromagnetics Research Letters	2018			Jaypee Institute of Information Technology	1
Sum rate–based relay selection strategy in FSO systems	ParulPuri and Parul Garg	Wiley International Journal of Communication Systems	2018			Jaypee Institute of Information Technology	0
On the Performance of RF-FSO System over Rayleigh and kappa-mu/Inverse Gaussian Fading Environment	Gupta J., Dwivedi V., Karwal V.	IEEE Access	2018			Jaypee Institute of Information Technology	0
Free Space Optical Communications with Distributed Switch-and-Stay Combining	Gupta J., Dwivedi V., Karwal V., Ansari I. S., Karagiannidis G. K.	IET Communications	2018			Jaypee Institute of Information Technology	0
Functional Modelling, Validation and Testing of	Chauhan T., Tripathi A., Sehra P., Karwal V.	in Analog Integrated Circuits and Signal	2018			Jaypee Institute of Information Technology	0

Analog to Digital Converters (ADC) from System Design perspective		Processing, Springer				
BSIM3v3 to EKV2.6 Model Parameter Extraction and Optimisation using LM algorithm on 0.18μ technology node	Kirmender Singh, Piyush Jain	International Journal of Electronics and Telecommunication	2018		Jaypee Institute of Information Technology	0
Analytical Median Filtering Forensics Based on Moment Histograms	Gupta A., and Singhal D.	ACM Transactions on Multimedia Computing, Communications, and Applications	2018		Jaypee Institute of Information Technology	0
Adaptive Histogram Equalization based Image Forensics using Statistics of DC DCT Coefficients	Singh N., Gupta A., Jain R.C.	Advances in Electrical and Electronic Engineering	2018		Jaypee Institute of Information Technology	1
A Novel Low Complexity GA Based PTS Method for PAPR Reduction in OFDM Systems	J. Shukla, A. Joshi, R.K. Tyagi	International Journal of Control and Automation	2018		Jaypee Institute of Information Technology	0
Realization of Novel Cascadable Current-Mode All-pass Sections	A. Kumar, B. Chaturvedi	Iranian Journal of Electrical and Electronic Engineering	2018		Jaypee Institute of Information Technology	2
Detection of Copy-Rotate-Move forgery using Wavelet Decomposition and Zernike moments	Kashyap, M. Agarwal, H. Gupta	International journal of pure and applied mathematics	2018		Jaypee Institute of Information Technology	0
Detection of Copy-move Image forgery using SVD and Cuckoo Search	Kashyap, M. Agarwal, H. Gupta	Detection of Copy-move Image forgery using SVD and Cuckoo Search	2018		Jaypee Institute of Information Technology	0
FPGA Implementation of Image Enhancement Using Verilog	Mandeep Singh Narula, Nishant Singla	International Research Journal of Engineering and Technology	2018		Jaypee Institute of Information Technology	0

HDL						
FPGA Implementation of Snake Game Using Verilog HDL	Nishant Singla, Mandeep Singh Narula	International Research Journal of Engineering and Technology	2018		Jaypee Institute of Information Technology	0
Capacity and BER Analysis of FSO Link in Adverse Weather Conditions over K-Distribution	Rahul Kaushik, Balkrishna Shukla, Vishal Saxena	International Journal of Pure and Applied Mathematics	2018		Jaypee Institute of Information Technology	0
Inhibitory effect of cinnamaldehyde alone and in combination with thymol, eugenol and thymoquinone against *Staphylococcus epidermidis"*	Sharma, K. Raturi, S. Dang, S. Gupta, and R. Gabrani	*J Herbal Med,*	2017		Jaypee Institute of Information Technology, Noida	0
"Topical Application of Melaleuca alternifolia for Skin Cancer and Other Conditions	Rachana, M. Singh, T. Gupta,	Canc Therapy & Oncol Int J	2017		Jaypee Institute of Information Technology, Noida	0
"Screening of microorganisms for antimicrobial property from the Lachhiwala Reserve Forest of Himalayas – a biodiversity hotspot",	N. Srivastava, A. Ibeyaima, I.P. Sarethy	World Journal of Pharmaceutical Research,	2017		Jaypee Institute of Information Technology, Noida	0
"Genome wide comparative analysis of four Indian Drosophilaspecies'	*S.Mohanty and R. Khanna*	' Molcular Genetics and Genomics,	2017		Jaypee Institute of Information Technology, Noida	0
. Inferring the evolutionary significance of chromosomal inversion polymorphism: insight from *Drosophila* model.	*Singhal, K. andS. Mohanty*	*Dros. Inf. Serv*	2017		Jaypee Institute of Information Technology, Noida	0
"Development of Computer Algorithm for editing of NGS Metagenome Data"	*R. Khanna, S. Mittal and S. Mohanty*	J of Comp. Biology,	2017		Jaypee Institute of Information Technology, Noida	0

Title	Authors	Journal	Year		Institution	Citations
"Albumin and its role in urolithiasis".	D. Raizada, P. Kumar, T. Singh, T. Pruthi, Priyadarshini.	Asian J Pharm Clin Res	2017		Jaypee Institute of Information Technology, Noida	0
Role of phytase producing microorganisms towards agricultural sustainability,	I.Balwani, K. Chakravarty, S. Gaur,	Biocatalysis and Agricultural Biotechnology,	2017		Jaypee Institute of Information Technology, Noida	0
Biochemical characterization and thermal inactivation of polyphenol oxidase from elephant foot yam (Amorphophallus paeoniifolius)"	Singh, and N. Wadhwa	J Food Sci Technol,	2017		Jaypee Institute of Information Technology, Noida	0
Identification and analysis of mobile genetic elements in Gibbon genome,	Kamal Rawal, Jaisri Jagannadham, Chahat Kubba, Tanya Sharma,	Bioarxiv, doi:	2017		Jaypee Institute of Information Technology, Noida	0
LSSAT (Ligand Structure Similarity Analysis Tool): An automated program to generate large scale analysis of targets, ligands and networks,,	Hitesh Kumar Jaiswal, Jaisri Jagannadham, Amit Kumar, Kamal Rawal,	Research Research journal of pharmaceutical biological and chemical sciences	2017		Jaypee Institute of Information Technology, Noida	0
Vitamin D receptor gene polymorphisms and haplotype analysis in type 2 Diabetes Mellitus patients from North India.	Nancy Taneja, Rajesh Khadgawat, Shalini Mani.	Asian J Pharm Clin Res	2017		Jaypee Institute of Information Technology, Noida	0
Molecular-Docking Study of Anti-Stress Natural Compounds Against GABAa Receptor Portends the Novel Approach to Stress Treatment.	*Abhishek Negi, Parul Singh, Nancy Taneja, Shalini Mani.*	*J Applied Phar Sc,*	2017		Jaypee Institute of Information Technology, Noida	0

"Development of Nanoemulsion Based Gel Loaded with Phytoconstituents for the Treatment of Urinary Tract Infection and in Vivo Biodistribution Studies",	A Kaur, S Gupta, ATyagi, RK Sharma, J Ali, R Gabrani and S Dang	Advanced pharmaceutical bulletin	2017		Jaypee Institute of Information Technology, Noida	0
"A Review on Role of miRNA in Kidney Diseases".	Abhishek Negi, Shahrukh Husain, Priyadarshini,	Journal of Global Pharma Technology	2017		Jaypee Institute of Information Technology, Noida	0
"Heavy Metal Toxicity-Implications On Metabolism And Health" International,	Jain,S. Bajpai ; P Gauba,	Journal of Pharma and Bio Sciences	2017		Jaypee Institute of Information Technology, Noida	0
Microbiological analysis of street vended sugarcane juice in Noida city, India,	Verma and S. Gaur	Int J Pharm Bio Sci;	2017		Jaypee Institute of Information Technology, Noida	0
Evaluation of Probiotic Characteristics of Bacteria Isolated	S. Gaur and A. Verma,	Journal of Pharmacy Research,	2017		Jaypee Institute of Information Technology, Noida	0
Role of plants in indoor air remediation" International Journal of Engineering, Technology,	Parul Chauhan, Mahender Singh Rawat, Pammi Gauba"	Science and Research	2017		Jaypee Institute of Information Technology, Noida	0
Generation gap: an emerging issue of society" International Journal of Engineering, Technology,	Mehak Aggarwal, Mahender Singh Rawat , Saumya Singh, Sahil Srivastava and Pammi Gauba	Science and Research	2017		Jaypee Institute of Information Technology, Noida	0
"A 'Six-Step-Strategy' to evaluate competence of plant growth promoting microbial	N. Mishra N and S.K. Sundari S K.	consortia". Current Science	2017		Jaypee Institute of Information Technology, Noida	0
Development and Characterizatio n of Green Tea Catechins and	A Kaur, N Kapoor, S Gupta, A Tyagi, RK Sharma, J Ali, RGabrani	Indian J Pharm Sci,	2018		Jaypee Institute of Information Technology, Noida	0

Ciprofloxacin-loaded Nanoemulsion for Intravaginal Delivery to Treat Urinary Tract Infection.	*and S Dang May 2018*				
'Is perturbation in the quaternary structure of bacterial CysE, another regulatory mechanism for cysteine synthesis?",	D. Verma, S. Gupta, K. J. Kaur and V. Gupta.	*Int J Biol Macromol.*	2018	Jaypee Institute of Information Technology, Noida	0
"Comparative genomics reveals the presence of putative Toxin-Antitoxin system in Wolbachia genomes"	*K. Singal and S. Mohanty*	*Molecular Genetics and Genomics,*	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.	Kumar, S., Dang, S., Nigam, K., Ali, J. and Baboota, S., 2018.	*Rejuvenation research*	2018	Jaypee Institute of Information Technology, Noida	0
"Antibacterial Activity, Cytotoxicity and Mechanism of Action of Bacteriocin from Bacillus subtilis GAS101".	G. Sharma, S. Dang, S. Gupta, and R. Gabrani,	*Med Princ Pract*	2018	Jaypee Institute of Information Technology, Noida	0
'Mass Spectrometric Analysis of Proteins of L6 Skeletal Muscle Cells Under Different Glucose Conditions and Vitamin D Supplementation".	*Nancy Taneja and Priyadarshini.*	*Protein & Peptide Letters,*	2018	Jaypee Institute of Information Technology, Noida	0
"Ultrasensitive direct impedimetric immunosensor for detection of	S. Sharma, J. Zapatero-Rodríguez, R.Saxena, , R O' Kennedy,	Biosensors and Bioelectronics	2018	Jaypee Institute of Information Technology, Noida	0

serum HER2"	and S. Srivastava,					
Mitochondrial donation: A boon or curse for the treatment of incurable mitochondrial diseases.	Nishtha Saxena, Nancy taneja, Prakriti Shome, Shalini Mani.	J Hum Reprod Sci,	2018		Jaypee Institute of Information Technology, Noida	0
Vitamin D status influences mitochondrial metabolic activity and hyperglycaemic condition of skeletal muscle cells.	Nancy Taneja, Shalini Mani.	Journal of Pharmacy Research,	2018		Jaypee Institute of Information Technology, Noida	0
Assessment of herb-drug synergy to combat doxorubicin induced cardiotoxicity.	Jain A, Rani V.	*Jul Life sciences*	2018		Jaypee Institute of Information Technology, Noida	0
"Gel-Based Gelatin Zymography to Examine Matrix Metalloproteinase Activity in Cell Culture".	*Chhabra A, Rani V.*	*Methods Mol Biol*	2018		Jaypee Institute of Information Technology, Noida	0
"Anti-hypotensive Drug Induced Cardiotoxicity: An in vitro Study."	*Jain A, Rani V.*	*In Vitro Cellular & Developmental Biology – Animal*	2018		Jaypee Institute of Information Technology, Noida	0
Zinc Oxide nanoparticles (ZnO NP) mediated regulation of bacoside biosynthesis and transcriptional correlation of *HMG-CoA reductase* gene in suspension culture of *Bacopa monnieri.,*	P. Bhardwaj, N. Goswami, P. Narula, C.K. Jain, A. Mathur.	*Plant Physiology and Biochemistry*	2018		Jaypee Institute of Information Technology, Noida	0
Markov blanket: Efficient strategy for feature subset selection	*K Passi, A Nour, CK Jain ,*	*International Conference on Bioinformatics and Biomedicine*	2018		Jaypee Institute of Information Technology, Noida	0

method for high dimensional microarray cancer datasets, from Fermented Foods						
Virtual Team Effectiveness: An Empirical Study using SEM	S. K, Bhat, N. Pande, and V. Ahuja	*International Journal of Virtual and Personal Learning Environments*	2017		Jaypee Business School	0
Employee profile configurator: a tool to improve effectiveness of a virtual team	S. K, Bhat, N. Pande, and V. Ahuja	*International Journal of Networking and Virtual Organisations*	2017		Jaypee Business School	0
Generating trust using Facebook- A study of 5 online apparel brands	R. Sharma, S. Alavi, and V. Ahuja	*Procedia Computer Science*	2017		Jaypee Business School	1
Developing a Financial Inclusion Index for India	S. Goel and R. Sharma	*Procedia Computer Science*	2017		Jaypee Business School	3
Impact of Anti Smoking Campaigns on Youth	Aakansha Chauhan and R. Sharma	*Procedia Computer Science*	2017		Jaypee Business School	0
Investment Decision Making: Individual Investment Advisors Approach Analysis	A. Singh and R. Sharma	*International Journal of Applied Business and Economic Research*	2017		Jaypee Business School	0
Entrepreneurial Leadership and Organizational Effectiveness: A Comparative Study of Executives and Non-executives	P. Mishra, and R.K. Misra	*Procedia Computer Science*	2017		Jaypee Business School	0
Employability Skills among Information Technology Professionals: A Literature Review	R.K. Misra, and K. Khurana	*Procedia Computer Science,*	2017		Jaypee Business School	3
Core Self Evaluations Scale: An Empirical Attestation among Software Professionals	P.K. Sharma and R.K. Misra	*Procedia Computer Science*	2017		Jaypee Business School	0
Demographical characteristics and Organizational Culture as	R. Pandey and R.K. Misra	*International Journal of Applied Business and Economic research*	2017		Jaypee Business School	0

antecedents of Managerial Effectiveness: A perspective in the Indian 0Banking Sector						
Store Format Choice Behaviour for Organised and Unorganised stores of NCR in India-A Discriminant Analysis	M. Shakeel and S. Mehra	*International Journal of Business Innovation and Research*	2017		Jaypee Business School	0
Twitter Presence of Jet Airways-Deriving Customer Insights Using Netnography and Wordclouds	V. Ahuja, and M. Shakeel	*Procedia Computer Science*	2017		Jaypee Business School	1
Development of environmental sustainability indicator profile for ITes industry	S.S. Yadav, N. Abidi and A. Bandyopadhyay	*Procedia Computer Science*	2017		Jaypee Business School	0
Identifying Determinants of Toilet Usage by Poor in Urban India	A.V. Surya, A. Vyas, M. Krishna and N. Abidi	*Procedia Computer Science*	2017		Jaypee Business School	0
Exploring Factors affecting Supply Chain of IT Products: A Retailer's Perspective	V. Gupta and N. Abidi	Procedia Computer Science	2017		Jaypee Business School	0
INDIA-ASEAN FTA: Analysis of Cooperation in Transportation Secto	R. Tyagi, A. Bansal, V. Kaul and Debdeep De	*Procedia Computer Science*	2017		Jaypee Business School	0
Consumer's Perspective and Retailer's Consideration Towards Purchase of Private Label Brands	A. Singh and Debdeep De	*Procedia Computer Science*	2017		Jaypee Business School	0
Scenario Analysis of Textile Industry in Asia-Pacific Trade Agreement (APTA)	V. Agarwal, R. Kaur, and Debdeep De	*Procedia Computer Science*	2017		Jaypee Business School	0
Behavioural Finance: A Review	S. Kapoor, and Jayamamta Prosad	*Procedia Computer Science*	2017		Jaypee Business School	0
Factors influencing consumers' attitude towards adoption and continuous use	A. Malik, S. Suresh, and S., Sharma	*Procedia Computer Science*	2017		Jaypee Business School	0

of mobile applications: a conceptual model						
Overconfidence and Dispostion effect in Indian equity market: An empirical evidence	Jaya M. Prosad, S. Kapoor, J Sengupta and S. Roychoudhary	*Global Business Review*	2017		Jaypee Business School	0
Portfolio co-integration dynamics of metal and energy commodities: Evidence from India	S.A. Purankar, and V.K. Singh	*International Journal of Management Practice*	2017		Jaypee Business School	0
Does inclusion of agriculture futures contracts provide enough portfolio diversification? Evidences from India	S.A. Purankar, and V.K. Singh	*International Journal of Management Practice*	2017		Jaypee Business School	0
Job satisfaction scale: adaptation and validation among Indian IT (information technology) employees	P.K. Sharma, R.K. Misra and P. Mishra	*Global Business Review*	2017		Jaypee Business School	1
Creating Shareholders' Value utilizing Capital in Post-Merger and Acquisition Scenario: A study in Indian Telecom Industry	N. Verma and R. Sharma	*International Journal of Management Practice*	2017		Jaypee Business School	0
Sustainable Supply Chain Management – A Three Dimensional Framework and Performance Metric for Indian IT Product Companies	N. Abidi, A. Bandyopadhaya and V. Gupta	*International Journal of Information Systems and Supply Chain Management*	2017		Jaypee Business School	12
Portfolio co-integration dynamics of metal and energy commodities: Evidence from India	S. A. Purankar and V.K. Singh	*International Journal of Management Practice*	2017		Jaypee Business School	0
Interdependence Dynamics of Commodity Derivatives and	S. A. Purankar and V.K. Singh	*International Journal of Applied Business and Economic*	2017		Jaypee Business School	

Macroeconomic Factors: Evidence from India		*Research*				
The Future Scope of Netnography and Social Network Analysis in the Field of Marketing	Radhika Sharma, Shirin Alavi and Vandana Ahuja	Journal of Internet Commerce	2018		Jaypee Business School	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	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Slotted Folded Substrate Integrated Waveguide Band Pass Filter with Enhanced Bandwidth for Ku/K Band Applications	Nitin Muchhal, Arnab Chakraborty, Manoj Vishwakarma and Shweta Srivastava	Progress In Electromagnetics Research M	2018	76	0	Jaypee Institute of Information Technology

Compact Microstrip Antenna Design at 60 GHz for Next Generation Communication Systems	Ekta Thakur, Naveen Jaglan, Samir Dev Gupta, Shweta Srivastava	International Journal of Microwave and Optical Technology	2018	7	0	Jaypee Institute of Information Technology
Spectrum Selectivity and Responsivity of ZnO Nanoparticles Coated Ag/ZnO QDs/Ag UV photodetectors	Yogesh Kumar, Hemant Kumar, Gopal Rawat, Chandan Kumar, Bhola N Plal, Satyabrata Jit	IEEE Photonics Technology Letter	2018	139	0	Jaypee Institute of Information Technology
3D Multilayer Mesh NoC Communication and FPGA Synthesis	Kumar, G. Verma, M. K. Gupta, M. Salauddin, B. K. Rehman, and D. Kumar	Wireless Personal Communications	2018	42	0	Jaypee Institute of Information Technology
rate	ParulPuri and Parul Garg	Wiley International Journal of Communication Systems	2018	37	0	Jaypee Institute of Information Technology
On the Performance of RF-FSO System over Rayleigh and kappa-mu/Inverse Gaussian Fading Environment	Gupta J., Dwivedi V., Karwal V.	IEEE Access	2018	36	0	Jaypee Institute of Information Technology
Free Space Optical Communications with Distributed Switch-and-Stay Combining	Gupta J., Dwivedi V., Karwal V., Ansari I. S., Karagiannidis G. K.	IET Communications	2018	51	0	Jaypee Institute of Information Technology

Pretending Pirates	Singh N., Sengupta, S., Dev, S	International Journal of Learning and Change	2018	2	0	Jaypee Institute of Information Technology
Core Self Evaluations Scale	Sharma, P. K.,	Procedia Computer Science	2017	34	0	Jaypee Institute of Information Technology
Aligning Teaching Methods for Learning Outcome	Bakhru K.M	International Journal of Learning and Change	2018	2	0	Jaypee Institute of Information Technology
Development of environmental sustainability indicator profile for ITes industry	S.S. Yadav, N. Abidi and A. Bandyopadhyay	Procedia Computer Science	2017	34	0	Jaypee Business School
Higher order nonclassicalities of finite dimensional coherent states	N. Alam, A. Verma and A. Pathak	Physics Letters A	2018	385	0	Jaypee Institute of Information Technology, Noida
Comment on	M. Sosodia and A. Pathak	International Journal of Theoritical Physics	2018	51	0	Jaypee Institute of Information Technology, Noida
The Future Scope of Netnography and Social Network Analysis in the Field of Marketing	Sharma, R., Ahuja, V.,	Journal of Internet Commerce	2018	19	0	Jaypee Institute of Information Technology
Miniaturized Dual-band Metamaterial Inspired Antenna with	Ashish Gupta	International Journal of RF and Microwave Computer Aided Engi	2018	34	0	Jaypee Institute of Information Technology

modified SRR Loading		neering				
Gd3 doped Mn-Zn soft ferrite nanoparticles	P. Thakur, R. Sharma, V. Sharma, P.B. Barman, M. Kumar, D. Barman, S.C. Katyal and P. Sharma	Journal of Magnetism and Magnetic Materials	2017	147	0	Jaypee Institute of Information Technology, Noida
Effect of increasing disorder on domains of the 2d Coulomb glass	P. Bhandari and V. Malik	Journal of Physics Condensed Matter	2017	191	0	Jaypee Institute of Information Technology, Noida
Anti-hypotensive Drug Induced Cardiotoxicity	Jain A, Rani V	In Vitro Cellular	2018	55	0	Jaypee Institute of Information Technology, Noida
Mitochondrial donation	Nishtha Saxena, Nancy taneja, Prakriti Shome, Shalini Mani	J Hum Reprod Sci	2018	20	0	Jaypee Institute of Information Technology, Noida
Topic Modeling Driven Content Based Jobs Recommendation Engine for Recruitment Industry	Shivam Bansal, Aman Srivastava, Anuja Arora,	Procedia Computer Science, Elsevier	2017	34	1	Jaypee Institute of Information Technology
Vitamin D status influences mitochondrial metabolic activity and hyperglycaemic condition of skeletal	Nancy Taneja, Shalini Mani	Journal of Pharmacy Research	2018	19	0	Jaypee Institute of Information Technology, Noida

muscle cells						
Clustering based Minimum Spanning Tree Algorithm,	Sakshi Saxena, Priyanka Verma, Dharmveer Singh Rajpoot,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
The Low-rate Denial of Service Attack Based Comparative Study of Active Queue Management Scheme	Sanjeev Patel, Abhinav Sharma,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Classification of Brain MRI Tumor Images	Sanjeev Kumar, Chetna Dabas, Sunila Godara,	Procedia Computer cience, Elsevier	2017	34	0	Jaypee Institute of Information Technology
Sarcasm Detection of Tweets A comparative Study,	Tanya Jain, Nilesh Aggarwal, Garima Goyal, Niyati Aggrawal,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Multivariate Features Based Instagram Post Analysis to Enrich User Experience.	Vatsala Mittal, Aastha Kaul, Santoshi Sen Gupta, Anuja Arora	Procedia Computer cience, Elsevier	2017	34	1	Jaypee Institute of Information Technology
Speak up	Afreen, Sejal Goyal, Anuja Arora, Niyati Agarwal	Procedia Computer cience, Elsevier	2017	34	0	Jaypee Institute of Information Technology
Mass Spectrometric Analysis	Nancy Taneja and Priyadarsh	Protein	2018	50	0	Jaypee Institute of Informa

of Proteins of L6 Skeletal Muscle Cells Under Different Glucose Conditions and Vitamin D Supplement ation	ini					tion Techn ology, Noida
Classifica tion of Brain MRI Tumor Images A Hybrid Approach	Sanjeev Kumar, Chetna Dabas, Sunila Godara,	Procedia Computer cience, Elsevier	2017	34	6	Jaypee Institute of Informa tion Technology
Identifyin g Determin ants of Toilet Usage by Poor in Urban India	A.V. Surya, A. Vyas, M. Krishna and N. Abidi	Procedia Computer Science	2017	34	0	Jaypee Business School
Exploring Factors affecting Supply Chain of IT Products	V. Gupta and N. Abidi	Procedia Computer Science	2017	34	0	Jaypee Business School
Big data analytics for explor atory social network analysis	Chetna Dabas	Internatio nal Journal of Informatio n Technology and Manage ment, Inde rscience,	2017	12	0	Jaypee Institute of Informa tion Technology
Comparativ e genomics reveals the presence of putative T oxin- Antitoxin system in Wolbachia	K. Singal and S. Mohanty	Molecular Genetics and Genomics	2018	108	0	Jaypee Institute of Informa tion Techn ology, Noida

	genomes						
	Towards a Better Understanding of the Relationship Between Authentic Leadership and Its Positive Outcomes	Singh, A., Sengupta, S.,	International Journal of Innovation and Technology Management	2018	14	0	Jaypee Institute of Information Technology
	Entrepreneurial Communities and Family Enterprises of India	Bakhru K.M, Behera M.R, Sharma A	Journal of Enterprising Communities	2018	16	0	Jaypee Institute of Information Technology
	Quantum Conference	A. Banerjee, K. Thapliyal, and A. Pathak	Quantum Information Processing	2018	38	0	Jaypee Institute of Information Technology, Noida
	Classical light vs. nonclassical light	A. Pathak and A. Ghatak	Journal of Electromagnetic Waves and Applications	2018	43	0	Jaypee Institute of Information Technology, Noida
	Optimization of Coulomb glass system at low disorder	P. Bhandari and V. Malik	AIP Conference Proceedings, 1897	2018	54	0	Jaypee Institute of Information Technology, Noida
	Modified stimulated Raman scattering of a laser induced by trapped electrons in a plasma	S. Baliyan, M. Rafat, N. Ahmad and V. Sajal	AIP Conference Proceedings 1897	2018	54	0	Jaypee Institute of Information Technology, Noida
	Lower order and higher order entanglement in four-wave mixing	M. Das, B. Sen, A. Ray and A. Pathak	Annalen der Physik	2018	46	0	Jaypee Institute of Information Technology, Noida

process						
Fraud Detection and Frequent pattern matching in Insurance Claim using Data Mining Technique	Aayushi verma, Anu Taneja, Anuja Arora,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Significant enhancement of power conversion efficiency of dye-sensitized solar cells by the incorporation of TiO2	Bhardwaj. S , Pal. A , Chatterjee. K, H Rana. T. H ,Bhattacharya. G, Sinha Roy. S, Chowdhury. P, Sharma. G. D, Biswas. S	J. Materials Sci	2018	192	0	Jaypee Institute of Information Technology, Noida
Antibacterial Activity, Cytotoxicity and Mechanism of Action of Bacteriocin from Bacillus subtilis GAS101	G. Sharma, S. Dang, S. Gupta, and R. Gabrani	Med Princ Pract	2018	37	0	Jaypee Institute of Information Technology, Noida
Selegiline nanoformulation in attenuation of oxidative stress and upregulation of dopamine in the brain for the treatment of Parkinson	Kumar, S., Dang, S., Nigam, K., Ali, J. and Baboota, S., 2018	Rejuvenation research	2018	50	0	Jaypee Institute of Information Technology, Noida
Nanoparticles based	Shah K., Sharma N.	AIP Conf. Proc	2018	54	0	Jaypee Institute

fiber optic SPR sensor	K					of Information Technology, Noida
Analysis on DV-Hop Algorithm and its variants by considering threshold	Amanpreet Kaur, Padam Kumar, Govind P Gupta,	Journal of Telecommunication, Electronic and Computer Engineering	2017	5	0	Jaypee Institute of Information Technology
Vitamin D receptor gene polymorphisms and haplotype analysis in type 2 Diabetes Mellitus patients from North India	Nancy Taneja, Rajesh Khadgawat, Shalini Mani	Asian J Pharm Clin Res	2017	23	0	Jaypee Institute of Information Technology, Noida
Quantum Conference	A. Banerjee, K. Thapliyal, and A. Pathak	Quantum Information Processing	2018	38	0	Jaypee Institute of Information Technology, Noida
Molecular-Docking Study of Anti-Stress Natural Compounds Against GABAa Receptor Portends the Novel Approach to Stress Treatment	Abhishek Negi, Parul Singh, Nancy Taneja, Shalini Mani	J Applied Phar Sc	2017	24	0	Jaypee Institute of Information Technology, Noida
Development of Nanoemulsion Based Gel Loaded with Phytoconstituents for the Treatment of Urinary Tract	A Kaur, S Gupta, ATyagi, RK Sharma, J Ali, R Gabrani and S Dang	Advanced pharmaceutical bulletin	2017	20	0	Jaypee Institute of Information Technology, Noida

Infection and in Vivo Biodistribution Studies						
A Review on Role of miRNA in Kidney Diseases	Abhishek Negi, Shahrukh Husain, Priyadarshini	Journal of Global Pharma Technology	2017	9	0	Jaypee Institute of Information Technology, Noida
Heavy Metal Toxicity-Implications On Metabolism And Health International	Jain,S. Bajpai	Journal of Pharma and Bio Sciences	2017	22	0	Jaypee Institute of Information Technology, Noida
Evaluation of Probiotic Characteristics of Bacteria Isolated	S. Gaur and A. Verma,	Journal of Pharmacy Research	2017	19	0	Jaypee Institute of Information Technology, Noida
Development and Characterization of Green Tea Catechins and Ciprofloxacin-loaded Nanoemulsion for Intravaginal Delivery to Treat Urinary Tract Infection	A Kaur, N Kapoor, S Gupta, A Tyagi, RK Sharma, J Ali, RGabrani and S Dang May 2018	Indian J Pharm Sci	2018	47	0	Jaypee Institute of Information Technology, Noida
Is perturbation in the quaternary structure of bacterial CysE, another regulatory mechanism for cysteine	D. Verma, S. Gupta, K. J. Kaur and V. Gupta	Int J Biol Macromol	2018	92	0	Jaypee Institute of Information Technology, Noida

synthesis						
Keystroke Dynamics based Authentication System with Unrestricted Data Collection	Shashank Gupta, Kavita Pandey, Jatin Yadav, Richa Sharma,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Authorship Attribution for textual data on Online Social Networks	Ritu Banga, Pulkit Mehndiratta	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Hybrid Step Size based Cuckoo Search	Avinash Chandra Pandey, Dharmveer Singh Rajpoot, Mukesh Saraswat,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Simulation of LSPR based fiber optic sensor utilizing layer of platinum nanoparticles	Shah K., Sharma N. K., Sajal V	Optik	2018	40	0	Jaypee Institute of Information Technology, Noida
Disassembling and Patching iOS Applications at Assembly Level	Jatin Yadav, Kavita Pandey, Shashank Gupta, Richa Sharma,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Comparison of Static and Dynamic Analyzer Tools for iOS Applications	Arpita Jadhav Bhatt, Chetna Gupta,	Wireless Personal Communication, Springer	2017	42	0	Jaypee Institute of Information Technology, Noida
Co-current doping	D. Tripathi	Low Temp Phys	2018	57	0	Jaypee Institute

effect of nanoscale Carbon and Aluminium Nitride on critical current density and flux pinning properties of bulk MgB2 super conductor	and T. K. Dey						of Information Techn ology, Noida
Combined effects of density ripples and transverse magnetic field on the suppre ssion of stimulated Raman scattering of X-mode laser in a plasma	S. Kumar, S. Baliyan, M. Rafat, V. Sajal	Optik	2018	40	0	Jaypee Institute of Information Techn ology, Noida
Nanopartic les based fiber optic SPR sensor	Shah K., Sharma N. K	AIP Conf. Proc	2018	54	0	Jaypee Institute of Information Techn ology, Noida
Analysis on DV-Hop Algorithm and its variants by conside ring threshold	Amanpreet Kaur, Padam Kumar, Govind P Gupta,	Journal of Telecommun ication, Electronic and Computer E ngineering	2017	5	0	Jaypee Institute of Informa tion Technology
Keystroke Dynamics based Auth entication System with Unres tricted Data Collection	Shashank Gupta, Kavita Pandey, Jatin Yadav, Richa Sharma,	10th Inter national conference on Contemp orary Computing,	2017	0	0	Jaypee Institute of Informa tion Technology
Keystroke Dynamics A uthenticat	Jatin Yadav, Kavita	10th Inter national conference	2017	0	0	Jaypee Institute of Informa

ion using Fuzzy Logic	Pandey, Shashank Gupta, Richa Sharma,	on Contemp orary Computing,				tion Technology
Study of S elf-Simila rity for Detection of Rate-based Network Anomalies	Gagandeep Kaur, Vikas Saxena, JP Gupta,	INTERNATIO NAL JOURNAL OF SECURITY AND ITS AP PLICATIONS ,	2017	15	0	Jaypee Institute of Informa tion Technology
Inhibitory effect of cinnamalde hyde alone and in com bination with thymol, eugenol and thymoq uinone against St aphylococc us epiderm idis	Sharma, K. Raturi, S. Dang, S. Gupta, and R. Gabrani	J Herbal Med,	2017	11	0	Jaypee Institute of Informa tion Techn ology, Noida
Developmen t of Computer Algorithm for editing of NGS Metagenome Data	R. Khanna, S. Mittal and S. Mohanty	J of Comp. Biology	2017	88	0	Jaypee Institute of Informa tion Techn ology, Noida
Role of phytase producing microorgan isms towards ag ricultural sustainabi lity	I.Balwani, K. Chakrav arty, S. Gaur,	Biocatalys is and Agr icultural Biotechnol ogy,	2017	19	0	Jaypee Institute of Informa tion Techn ology, Noida
Biochemica l characte rization and thermal in activation of polyphenol oxidase from	Singh, and N. Wadhwa	J Food Sci Technol,	2017	40	0	Jaypee Institute of Informa tion Techn ology, Noida

elephant foot yam						
LSSAT	Hitesh Kumar Jaiswal, Jaisri Jag annadham, Amit Kumar, Kamal Rawal,	Research Research journal of pharmaceut ical biological and chemical sciences	2017	21	0	Jaypee Institute of Informa tion Techn ology, Noida
A Review on Role of miRNA in Kidney Diseases	Abhishek Negi, Shahrukh Husain, Pr iyadarshin i	Journal of Global Pharma Technology	2017	9	0	Jaypee Institute of Informa tion Techn ology, Noida
Probing no nclassical ity in an optically- driven cavity with two atomic ensembles	J. Naikoo, S. Banerjee, K. Thapliyal and A. Pathak	Physical Review A	2018	535	0	Jaypee Institute of Informa tion Techn ology, Noida
Classical light vs. nonclassic al light	A. Pathak and A. Ghatak	Journal of Electromag netic Waves and Applicatio ns	2018	43	0	Jaypee Institute of Informa tion Techn ology, Noida
Optimizati on of Coulomb glass system at low disorder	P. Bhandari and V. Malik	AIP Conference Proceeding s, 1897	2018	54	0	Jaypee Institute of Informa tion Techn ology, Noida
Modified stimulated Raman scattering of a laser induced by trapped electrons in a plasma	S. Baliyan, M. Rafat, N. Ahmad and V. Sajal	AIP Conference Proceeding s 1897	2018	54	0	Jaypee Institute of Informa tion Techn ology, Noida
Generalize d Trust Model for Cooperativ e Routing in	Raghu P. Vamsi, Krishna Kant,	Wireless Personal C ommunicati ons,	2017	42	0	Jaypee Institute of Informa tion Technology

Wireless Ad hoc Networks						
Tension detection in online communities	K. Baindail, P. Gupta and P. Kaur,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Reconstructing missing hourly real-time precipitation data using a novel intermittent sliding window period technique for automatic weather station data	Hema N, Krishna Kant,	Journal of Meteorological Research , Springer	2017	0	0	Jaypee Institute of Information Technology
Improved dielectric, magnetic and optical properties of Pr and Ti co-substituted BFO ceramics	Vikash Singh, Subhash Sharma and R.K. Dwivedi	alloy and Compounds	2018	138	0	Jaypee Institute of Information Technology, Noida
Quantum Genetic Algorithm based Scheduler for Batch of Precedence Constrained Jobs on Heterogeneous Computing Systems	Taj Alam, Zahid Raza	Journal of Systems and Software, Elsevier	2017	89	3	Jaypee Institute of Information Technology
Network Diffusion for Inform	Shubham Jain, Govind	Tenth International Conference	2017	0	0	Jaypee Institute of Informa

ation Propagation in Online Social Communities,	Mohan, Adwitiya Sinha	on Contemporary Computing				tion Technology
Differential Evolution based subspace clustering via Thresholding Ridge Regression,	Ankur Kulhari, Mukesh Saraswat,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
A Novel approach of Sentiment Classification using Emoticons	Shivani Bahri, Pranav Bahari, Sangeeta Lal,	procedia computer science,	2017	34	1	Jaypee Institute of Information Technology
Performance Analysis of AQM Scheme Using Factorial Design Framework,	Sanjeev Patel, Kanwar Sen, Karmeshu,	IEEE Systems Journal, IEEE,	2018	46	0	Jaypee Institute of Information Technology
Trust and Reputation Aware Geographic Routing Method for Wireless Ad Hoc Networks	Raghu P. Vamsi, Krishna Kant,	International Journal of Ad Hoc and Ubiquitous Computing, , Inderscience,	2018	19	0	Jaypee Institute of Information Technology
An energy-efficient clustering approach for collaborative data forwarding in heterogeneous MANET	Anubhuti Roda Mohindra, Dr. Charu Gandhi,	International Journal of Wireless Communication,	2018	1	0	Jaypee Institute of Information Technology
Reconstruction of Missing Hourly Precipitation Data to	Hema Nagaraja, Krishna Kant, K Rajalakshmi	International Journal of Agricultural and Environmental	2018	11	0	Jaypee Institute of Information Technology

Increase Training Data Set for ANN		Information Systems				
Healthcare Text Classification System and its Performance Evaluation A Source of Better Intelligence by Characterizing Healthcare Text	Srivastava, S.K., Singh, S.K. Suri, J.S.	Journal of Medical Systems,	2018	57	1	Jaypee Institute of Information Technology
Authorship Attribution for textual data on Online Social Networks	Ritu Banga, Pulkit Mehndiratta	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Disassembling and Patching iOS Applications at Assembly Level	Jatin Yadav, Kavita Pandey, Shashank Gupta, Richa Sharma,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Comparison of Static and Dynamic Analyzer Tools for iOS Applications	Arpita Jadhav Bhatt, Chetna Gupta,	Wireless Personal Communication, Springer	2017	42	0	Jaypee Institute of Information Technology, Noida
Co-current doping effect of nanoscale Carbon and Aluminium Nitride on critical current density and flux pinning properties of bulk	D. Tripathi and T. K. Dey	Low Temp Phys	2018	57	0	Jaypee Institute of Information Technology, Noida

MgB2 super conductor						
Lower order and higher order entanglement in four-wave mixing process	M. Das, B. Sen, A. Ray and A. Pathak	Annalen der Physik	2018	46	0	Jaypee Institute of Information Technology, Noida
Water-driven Stabilization of Cadmium Sulphide Nanoparticles	Navendu Goswami and P. Sen	Applied Surface Science	2017	147	0	Jaypee Institute of Information Technology, Noida
Significant enhancement of power conversion efficiency of dye-sensitized solar cells by the incorporation of TiO2	Bhardwaj. S , Pal. A , Chatterjee. K, H Rana. T. H ,Bhattacharya. G, Sinha Roy. S, Chowdhury. P, Sharma. G. D, Biswas. S	J. Materials Sci	2018	192	0	Jaypee Institute of Information Technology, Noida
Combined effects of density ripples and transverse magnetic field on the suppression of stimulated Raman scattering of X-mode laser in a plasma	S. Kumar, S. Baliyan, M. Rafat, V. Sajal	Optik	2018	40	0	Jaypee Institute of Information Technology, Noida
Analysis on DV-Hop Algorithm and its variants by considering threshold	Amanpreet Kaur, Padam Kumar, Govind P Gupta,	Journal of Telecommunication, Electronic and Computer Engineering	2017	5	0	Jaypee Institute of Information Technology

Keystroke Dynamics based Authentication System with Unrestricted Data Collection	Shashank Gupta, Kavita Pandey, Jatin Yadav, Richa Sharma,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Keystroke Dynamics Authentication using Fuzzy Logic	Jatin Yadav, Kavita Pandey, Shashank Gupta, Richa Sharma,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Study of Self-Similarity for Detection of Rate-based Network Anomalies	Gagandeep Kaur, Vikas Saxena, JP Gupta,	INTERNATIONAL JOURNAL OF SECURITY AND ITS APPLICATIONS,	2017	15	0	Jaypee Institute of Information Technology
Inhibitory effect of cinnamaldehyde alone and in combination with thymol, eugenol and thymoquinone against Staphylococcus epidermidis	Sharma, K. Raturi, S. Dang, S. Gupta, and R. Gabrani	J Herbal Med,	2017	11	0	Jaypee Institute of Information Technology, Noida
Development of Computer Algorithm for editing of NGS Metagenome Data	R. Khanna, S. Mittal and S. Mohanty	J of Comp. Biology	2017	88	0	Jaypee Institute of Information Technology, Noida
Role of phytase producing microorganisms towards agricultural	I.Balwani, K. Chakravarty, S. Gaur,	Biocatalysis and Agricultural Biotechnology,	2017	19	0	Jaypee Institute of Information Technology, Noida

sustainabi lity						
Biochemica l characte rization and thermal in activation of polyphenol oxidase from elephant foot yam	Singh, and N. Wadhwa	J Food Sci Technol,	2017	40	0	Jaypee Institute of Informa tion Techn ology, Noida
LSSAT	Hitesh Kumar Jaiswal, Jaisri Jag annadham, Amit Kumar, Kamal Rawal,	Research Research journal of pharmaceut ical biological and chemical sciences	2017	21	0	Jaypee Institute of Informa tion Techn ology, Noida
A Review on Role of miRNA in Kidney Diseases	Abhishek Negi, Shahrukh Husain, Pr iyadarshin i	Journal of Global Pharma Technology	2017	9	0	Jaypee Institute of Informa tion Techn ology, Noida
Generalize d Trust Model for Cooperativ e Routing in Wireless Ad hoc Networks	Raghu P. Vamsi, Krishna Kant,	Wireless Personal C ommunicati ons,	2017	42	0	Jaypee Institute of Informa tion Technology
Tension detection in online communitie s	K. Baindail, P. Gupta and P. Kaur,	10th Inter national conference on Contemp orary Computing,	2017	0	0	Jaypee Institute of Informa tion Technology
Reconstruc ting missing hourly real-time precipitat ion data using a novel inte rmittent sliding window	Hema N, Krishna Kant,	Journal of Meteorolog ical Research , Springer	2017	0	0	Jaypee Institute of Informa tion Technology

period technique for automatic weather station data						
Improved dielectric, magnetic and optical properties of Pr and Ti co-substituted BFO ceramics	Vikash Singh, Subhash Sharma and R.K. Dwivedi	alloy and Compounds	2018	138	0	Jaypee Institute of Information Technology, Noida
Quantum Genetic Algorithm based Scheduler for Batch of Precedence Constrained Jobs on Heterogeneous Computing Systems	Taj Alam, Zahid Raza	Journal of Systems and Software, Elsevier	2017	89	0	Jaypee Institute of Information Technology
Probing nonclassicality in an optically-driven cavity with two atomic ensembles	J. Naikoo, S. Banerjee, K. Thapliyal and A. Pathak	Physical Review A	2018	535	0	Jaypee Institute of Information Technology, Noida
The Impact of Work Culture on Employee Satisfaction	Dev, S. and Sengupta, S	International Journal of Human Resources Development and Management	2017	13	1	Jaypee Institute of Information Technology
Mobile Shopping Apps	Chadha, P., Alavi, S.,	International Journal of Cyber Behavior, Psychology and	2017	11	0	Jaypee Institute of Information Technology

		Learning				
Assessing Preference of Communication Style in Indian Society	Banwari A., Shakeel M., Verma D	Man In India	2017	8	0	Jaypee Institute of Information Technology
Does Preference For Negotiation Style Depends On Religious Orientation	Shakeel M. Banwari A., Verma D	International Journal of Applied Business	2017	8	0	Jaypee Institute of Information Technology
The Relationship between Leader	R. Gupta and B. Bajaj	Procedia Computer Science	2017	34	0	Jaypee Institute of Information Technology
Perceived toxicity in leaders	Singh, N., Dev, S.,	Procedia Computer Science	2017	34	0	Jaypee Institute of Information Technology
Factors influencing consumers	Malik, A., S.Suresh, Sharma, S	Procedia Computer Science	2017	34	0	Jaypee Institute of Information Technology
How does Work Engagement vary with Employee Demography	Sharma, A., Goel, A.,	Procedia Computer Science	2017	34	0	Jaypee Institute of Information Technology
Cyber psychology and cyber behaviour of adolescents-the need of the contemporary era	Ahuja, V.,	Procedia Computer Science	2017	34	0	Jaypee Institute of Information Technology
Generating trust using Facebook-A study of 5 online apparel brands	Sharma, R., Alavi, S.,	Procedia Computer Science	2017	34	1	Jaypee Institute of Information Technology

Title	Authors	Journal	Year			Institution
Multivariate Features Based Instagram Post Analysis to Enrich User Experience	Mittal, V., Kaul, A., Gupta, S. S.,	Procedia Computer Science	2017	34	0	Jaypee Institute of Information Technology
Pester power	Chaudhary, M	International Journal of Business Innovation and Research	2018	17	0	Jaypee Institute of Information Technology
Construction of Adaptive Pulse Coupled Neural Network for Abnormality Detection in Medical Images	Upadhyay, P.K., Satish Chandra,	Applied Artifical Intillegence Taylor	2018	50	1	Jaypee Institute of Information Technology
Word Sense Based Hindi-Tamil Statistical Machine Translation	Vimal Kumar K, Divakar Yadav,	International Journal of Intelligent Information Technologies,Idea Group publishing,	2018	12	0	Jaypee Institute of Information Technology
Study of Self-Similarity for Detection of Rate-based Network Anomalies	Gagandeep Kaur, Vikas Saxena, JP Gupta,	INTERNATIONAL JOURNAL OF SECURITY AND ITS APPLICATIONS,	2017	15	0	Jaypee Institute of Information Technology
Developing a Financial Inclusion Index for India	S. Goel and R. Sharma	Procedia Computer Science	2017	34	3	Jaypee Business School
Clu-PoF-A Novel Post Filtering	Anu Taneja, Anuja	Procedia Computer Science,	2017	34	0	Jaypee Institute of Informa

Approach for Efficient Context Aware Recommendations	Arora	Elsevier,				tion Technology
Efficient Content Based Image Retrieval using SVM and Color Histogram	Shiraaz Saad, Harendra Kumar, Tribhuwan Kumar Tewari ,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Nanomaterials for high frequency device and photocatalytic applications	R. Sharma, P. Thakur, M. Kumar, P. Sharma and V. Sharma	Journal of Alloys and Compounds	2018	138	0	Jaypee Institute of Information Technology, Noida
Structural stability, Enhanced magnetic, piezoelectric and transport properties in	Subhash Sharma, Vikash Singh, Avneesh Anshul, J. M.Siqueiros, and R. K. Dwivedi	Journal of Applied Physics	2018	283	0	Jaypee Institute of Information Technology, Noida
Temperature-dependent space-charge-limited conduction in BaTiO3 heterojunctions	Pooja Singh, P. K. Rout, Himanshu Pandey and Anjana Dogra	Journal of Materials Science	2018	143	0	Jaypee Institute of Information Technology, Noida
Analysis of fiber optic SPR sensor utilizing platinum based nano composites	Shah K., Sharma N. K., Sajal V	Optical and Quantum Electronics	2018	50	0	Jaypee Institute of Information Technology, Noida
Simulation of LSPR based fiber optic sensor utilizing	Shah K., Sharma N. K., Sajal V	Optik	2018	40	0	Jaypee Institute of Information Technology, Noida

layer of platinum nanoparticles						
A Six-Step-Strategy	N. Mishra N and S.K. Sundari S K.	consortia. Current Science	2017	98	0	Jaypee Institute of Information Technology, Noida
Analysis of fiber optic SPR sensor utilizing platinum based nano composites	Shah K., Sharma N. K., Sajal V	Optical and Quantum Electronics	2018	50	0	Jaypee Institute of Information Technology, Noida
Structural, Vibrational and Electronic Properties of CuO Nanoparticles Synthesized via Exploding Wire Technique	A. Sahai, M. Mishra, G. Gupta and Navendu Goswami	Ceramic International	2018	82	0	Jaypee Institute of Information Technology, Noida
Parametric excitation of surface plasma waves over a metallic surface by laser in an external magnetic field	P. K. Chauhan, Deepika Goel, Anshu Varshney, D. B. Singh and Vivek Sajal	Laser and Particle Beams	2018	48	0	Jaypee Institute of Information Technology, Noida
Structural investigation of Ca/Zr co-substituted BaTiO3 through XRD and Raman spectroscopy s	Vijayeta Pal, A.Kumar, O.P. Thakur and R.K. Dwivedi	Journal of Alloys and Compound	2018	138	0	Jaypee Institute of Information Technology, Noida
Biochemical characterization and	Singh, and N. Wadhwa	J Food Sci Technol,	2017	40	0	Jaypee Institute of Information Techn

thermal in activation of polyphenol oxidase from elephant foot yam						ology, Noida
LSSAT	Hitesh Kumar Jaiswal, Jaisri Jag annadham, Amit Kumar, Kamal Rawal,	Research Research journal of pharmaceut ical biological and chemical sciences	2017	21	0	Jaypee Institute of Informa tion Techn ology, Noida
An Effective Precision Enhancemen t Approach to Estimate Software D evelopment Cost	Ankita, Somya Jain, Chetna Gupta,	Journal of Telecommun ication, Electronic and Computer E ngineering , Universiti Teknikal Malaysia Melaka	2017	5	0	Jaypee Institute of Informa tion Technology
Cost Estimation Model for Web Applic ations using Agile Software D evelopment Methodolog y	Soni Devpriya, Purtee jethi kohli	Pertanika J. Sci.	2017	8	0	Jaypee Institute of Informa tion Technology
A fuzzy based approach for bug report cat egorizatio n	Indu Chawla, Sandeep k singh	Internatio nal Journal of Intelligen t Systems Technologi es and App lications, Inderscien ce,	2017	15	0	Jaypee Institute of Informa tion Technology
Resolving Identities on Facebook and Twitter,	Suyash Somani, Somya Jain,	Tenth Inte rnational Conference on Contemp orary Computing	2017	0	0	Jaypee Institute of Informa tion Technology

Randomized Grey Wolf Optimizer with randomly weighted coefficients,	Kartikeya Jaiswal, Himanshu Mittal, Sonia Kukreja,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Hybrid Particle Swarm training for Convolution Neural Network	Yoshika Chhabra, Sanchit Varshney, Ankita,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Ultrasensitive direct impedimetric immunosensor for detection of serum HER2	S. Sharma, J. Zapatero-Rodr	Biosensors and Bioelectronics	2018	159	0	Jaypee Institute of Information Technology, Noida
No-escape search Design and implementation ofcloud based directory content search	Harshit Gujral, Abhinav Sharma, Sangeeta Mittal,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Efficient content based image retrieval using SVM and color histogram	Shiraaz Saad, Harendra Kumar ,Tribhuwan Kumar Tewari,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Semi-quantum communication	C. Shukla, K. Thapliyal and A. Pathak	Quantum Information Processing	2017	38	0	Jaypee Institute of Information Technology, Noida
Lower order and higher order entanglement in 87Rb 5S	M. Das, B. Sen, A. Ray and A. Pathak	Annalen der Physik	2017	46	0	Jaypee Institute of Information Technology, Noida

Comparison of lower- and higher-order nonc lassicality in photon added and subtracted squeezed coherent states	K. Thapliyal, N. L. Samantray, J. Banerji and A. Pathak	Physics Letters A	2017	385	0	Jaypee Institute of Information Techn ology, Noida
Perturbati on of hydrogen bonding in hydrated pyrrole-2-c arboxaldeh yde complexes	M. Rana and P. Chowdhury	Journal of Molecular Modelling	2017	64	0	Jaypee Institute of Information Techn ology, Noida
Virtual Team Effec tiveness	S. K, Bhat, N. Pande, and V. Ahuja	Internatio nal Journal of Virtual and Personal Learning E nvironment s	2017	9	0	Jaypee Business School
Sm/Ti co-s ubstituted bismuth ferrite mu ltiferroic s	Pardeep K. Jha, Priyanka A. Jha, Prabhakar Singh, Rajeev Ranjan and R. K. Dwivedi	Physical Chemistry Chemical Physics	2017	187	0	Jaypee Institute of Information Techn ology, Noida
Preparatio n, microst ructure and relaxor fe rroelectri c characte ristics of BLNT	Pal Vijayeta, Kumar A., Thakur O.P., Dwivedi R.K., Prasad N.E	J. Alloys and Compounds	2017	138	0	Jaypee Institute of Information Techn ology, Noida
Multichann el tunable filter properties of 1D magnetized ternary	S. K. Awasthi, R. Panda and L. Shi veshwari	Physics of Plasmas	2017	137	0	Jaypee Institute of Information Techn ology, Noida

plasma photonic crystal in the presence of evanescent wave						
Enhancement in A-B super-exchange interaction with Mn2	R. Sharma, P. Thakur, M. Kumar, P.B. Barman, P. Sharma and V. Sharma	Ceramics International	2017	82	9	Jaypee Institute of Information Technology, Noida
Trust and Reputation Aware Geographic Routing Method for Wireless Ad Hoc Networks	Raghu P. Vamsi, Krishna Kant,	International Journal of Ad Hoc and Ubiquitous Computing, , Inderscience,	2018	19	0	Jaypee Institute of Information Technology
CPLAG Efficient Plagarism Detection using Bitwise Operations	Shikha jain, Parmeet Kaur, Dhanlekshmi, Mukta Goyal,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Are Tweets The Real Estimators Of Election Results	Munaza Ramzan, E. Annapoorna, Shikha Mehta,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Mitochondrial donation	Nishtha Saxena, Nancy taneja, Prakriti Shome, Shalini Mani	J Hum Reprod Sci	2018	20	0	Jaypee Institute of Information Technology, Noida
Temperature-dependent space-charge-limited conduction in BaTiO3 heterojunctions	Pooja Singh, P. K. Rout, Himanshu Pandey and Anjana Dogra	Journal of Materials Science	2018	143	0	Jaypee Institute of Information Technology, Noida
Structural	A. Sahai,	Ceramic In	2018	82	0	Jaypee

, Vibratio nal and Electronic Properties of CuO Nan oparticles Synthesize d via Exploding Wire Technique	M. Mishra, G. Gupta and Navendu Goswami	ternationa l				Institute of Informa tion Techn ology, Noida
Parametric excitation of surface plasma waves over a metallic surface by laser in an external magnetic field	P. K. Chauhan, Deepika Goel, Anshu Varshney, D. B. Singh and Vivek Sajal	Laser and Particle Beams	2018	48	0	Jaypee Institute of Informa tion Techn ology, Noida
Structural investigat ion of Ca/Zr co-s ubstituted BaTiO3 through XRD and Raman spec troscopy s	Vijayeta Pal, A.Kumar, O.P. Thakur and R.K. Dwivedi	Journal of Alloys and Compound	2018	138	0	Jaypee Institute of Informa tion Techn ology, Noida
Biochemica l characte rization and thermal in activation of polyphenol oxidase from elephant foot yam	Singh, and N. Wadhwa	J Food Sci Technol,	2017	40	0	Jaypee Institute of Informa tion Techn ology, Noida
LSSAT	Hitesh Kumar Jaiswal, Jaisri Jag annadham, Amit Kumar, Kamal Rawal,	Research Research journal of pharmaceut ical biological and chemical sciences	2017	21	0	Jaypee Institute of Informa tion Techn ology, Noida
Zinc Oxide nanopartic	P. Bhardwaj,	Plant Physiology	2018	14	0	Jaypee Institute

les	N. Goswami, P. Narula, C.K. Jain, A. Mathur	and Bioche mistry				of Informa tion Techn ology, Noida
Data Clustering using Enhanced B iogeograph y-based Op timization	Raju Pal, Mukesh Saraswat,	Tenth Inte rnational Conference on Contemp orary Computing	2017	0	0	Jaypee Institute of Informa tion Technology
An Effective Precision Enhancemen t Approach to Estimate Software D evelopment Cost	Ankita, Somya Jain, Chetna Gupta,	Journal of Telecommun ication, Electronic and Computer E ngineering , Universiti Teknikal Malaysia Melaka	2017	5	0	Jaypee Institute of Informa tion Technology
Cost Estimation Model for Web Applic ations using Agile Software D evelopment Methodolog y	Soni Devpriya, Purtee jethi kohli	Pertanika J. Sci.	2017	8	1	Jaypee Institute of Informa tion Technology
A fuzzy based approach for bug report cat egorizatio n	Indu Chawla, Sandeep k singh	Internatio nal Journal of Intelligen t Systems Technologi es and App lications, Inderscien ce,	2017	15	0	Jaypee Institute of Informa tion Technology
Resolving Identities on Facebook and Twitter,	Suyash Somani, Somya Jain,	Tenth Inte rnational Conference on Contemp orary Computing	2017	0	0	Jaypee Institute of Informa tion Technology
Anti-hypot ensive Drug Induced Ca rdiotoxici	Jain A, Rani V	In Vitro Cellular	2018	55	0	Jaypee Institute of Informa tion Techn ology,

ty						Noida
Randomized Grey Wolf Optimizer with randomly weighted c oefficient s,	Kartikeya Jaiswal, Himanshu Mittal, Sonia Kukreja,	Tenth Inte rnational Conference on Contemp orary Computing	2017	0	0	Jaypee Institute of Informa tion Technology
Hybrid Particle Swarm training for Convol ution Neural Network	Yoshika Chhabra, Sanchit Varshney, Ankita,	Tenth Inte rnational Conference on Contemp orary Computing	2017	0	0	Jaypee Institute of Informa tion Technology
Ultrasensi tive direct imp edimetric immunosens or for detection of serum HER2	S. Sharma, J. Zapater o-Rodr	Biosensors and Bioele ctronics	2018	159	0	Jaypee Institute of Informa tion Techn ology, Noida
No-escape search Design and implementa tion ofcloud based directory content search	Harshit Gujral, Abhinav Sharma, Sangeeta Mittal,	10th Inter national conference on Contemp orary Computing,	2017	0	0	Jaypee Institute of Informa tion Technology
Zoran Radakovi	Sanjeev Sharma, Pankaj Thakur, Richa Sharma, R.K. Bhardwaj	Structural Integrity and Life	2017	3	0	Jaypee Institute of Informa tion Technology
Efficient content based image retrieval using SVM and color histogram	Shiraaz Saad, Harendra Kumar ,Tribhuwan Kumar Tewari,	10th Inter national conference on Contemp orary Computing,	2017	0	0	Jaypee Institute of Informa tion Technology
Semi-quantum co mmunicatio	C. Shukla, K. Thapliyal	Quantum In formation Processing	2017	38	0	Jaypee Institute of Informa

n	and A. Pathak						tion Techn ology, Noida
Lower order and higher order enta nglement in 87Rb 5S	M. Das, B. Sen, A. Ray and A. Pathak	Annalen der Physics	2017	46	0		Jaypee Institute of Informa tion Techn ology, Noida
Employee profile co nfigurator	S. K, Bhat, N. Pande, and V. Ahuja	Internatio nal Journal of Networking and Virtual Or ganisation s	2017	17	0		Jaypee Business School
Comparison of lower- and higher- order nonc lassicalit y in photon added and subtracted squeezed coherent states	K. Thapliyal, N. L. Samantray, J. Banerji and A. Pathak	Physics Letters A	2017	385	0		Jaypee Institute of Informa tion Techn ology, Noida
Perturbati on of hydrogen bonding in hydrated p yrrole-2-c arboxaldeh yde complexes	M. Rana and P. Chowdhury	Journal of Molecular Modelling	2017	64	0		Jaypee Institute of Informa tion Techn ology, Noida
Sm/Ti co-s ubstituted bismuth ferrite mu ltiferroic s	Pardeep K. Jha, Priyanka A. Jha, Prabhakar Singh, Rajeev Ranjan and R. K. Dwivedi	Physical Chemistry Chemical Physics	2017	187	0		Jaypee Institute of Informa tion Techn ology, Noida
Preparatio n, microst ructure and relaxor fe rroelectri c characte ristics of	Pal Vijayeta, Kumar A., Thakur O.P., Dwivedi R.K., Prasad N.E	J. Alloys and Compounds	2017	138	0		Jaypee Institute of Informa tion Techn ology, Noida

BLNT						
Tunable terahertz radiation generation by nonlinear photomixing of cosh-Gaussian laser pulses in corrugated magnetized plasma	P. Varshney, V. Sajal, A. Upadhyay, J. A. Chakera and R. Kumar	Laser and Particle beams	2017	48	0	Jaypee Institute of Information Technology, Noida
Multichannel tunable omnidirectional photonic band gaps of 1D ternary photonic crystal containing magnetized cold plasma	S. K. Awasthi, R. Panda, P. K. Chauhan, and L. Shiveshwari	Physics of Plasmas	2018	48	0	Jaypee Institute of Information Technology, Noida
Room temperature ferromagnetism and electrical properties of Mn-doped Zn2SnO4 nanorods	Sharma, H. Pandey, M. Kumar and S. Chhoker	Superlattices and Microstructures	2018	60	0	Jaypee Institute of Information Technology, Noida
Structural, magnetic, dielectric, vibrational and optical properties of Zr substituted Bi 0.90Gd0.10 FeO3 multi ferroics	M. Kumar, M. Arora, S. Chauhan and H. Pandey	Journal of Alloys and Compounds	2018	138	0	Jaypee Institute of Information Technology, Noida
MSDApriori Discovering Borderline	Shikhar Kesarwni, Astha Goel,	10th International conference on Contemp	2017	0	0	Jaypee Institute of Information

rare items using Asso ciation Mining	Neetu Sardana,	orary Computing,				Technology
Big data analytics for explor atory social network analysis	Chetna Dabas	Internatio nal Journal of Informatio n Technology and Manage ment, Inde rscience,	2017	12	0	Jaypee Institute of Informa tion Technology
An energy efficient clustering approach for collab orative data forwarding in heterog eneous MANET	Mohindra, Anubhuti Roda, and Charu Gandhi	Internatio nal Journal of Communicat ion Systems	2017	37	0	Jaypee Institute of Informa tion Technology
Detection of sarcasm in text data using deep convo lutional neural networks	Pulkit meh ndiratta, Shelly Sachdeva, and Devpriya Soni,	Scalable Computing	2017	10	1	Jaypee Institute of Informa tion Technology
Brain Computer Interface for Micro- controller Driven Robot Based on Emotiv Sensors.	Parth Gargava, Krishna Asawa,	Internatio nal Journal of Interactiv e Multimedia	2017	0	0	Jaypee Institute of Informa tion Technology
IPL Visual ization and Prediction Using HBase	Shubhra Singh, Parmeet Kaur	Procedia Computer Science, Elsevier	2017	34	0	Jaypee Institute of Informa tion Technology
Differenti al Evoluti on-based Subspace Clustering via Thresh olding Ridge	Ankur Kulhari, Mukesh Saraswat,	Tenth Inte rnational Conference on Contemp orary Computing	2017	0	0	Jaypee Institute of Informa tion Technology

Regression						
Data Clustering using Enhanced Biogeography-based Optimization	Raju Pal, Mukesh Saraswat,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Hybrid Step Size based Cuckoo Search	Avinash Chandra Pandey, Dharmveer Singh Rajpoot, Mukesh Saraswat,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Network Diffusion for Information Propagation in Online Social Communities,	Shubham Jain, Govind Mohan, Adwitiya Sinha	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Differential Evolution based subspace clustering via Thresholding Ridge Regression,	Ankur Kulhari, Mukesh Saraswat,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
A Novel approach of Sentiment Classification using Emoticons	Shivani Bahri, Pranav Bahari, Sangeeta Lal,	procedia computer science,	2017	34	0	Jaypee Institute of Information Technology
Performance Analysis of AQM Scheme Using Factorial Design Framework,	Sanjeev Patel, Kanwar Sen, Karmeshu,	IEEE Systems Journal, IEEE,	2018	46	0	Jaypee Institute of Information Technology
Trust and Reputation Aware Geographic Routing Method for	Raghu P. Vamsi, Krishna Kant,	International Journal of Ad Hoc and Ubiquitous Computing,	2018	19	0	Jaypee Institute of Information Technology

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Wireless Ad Hoc Networks						
An energy- efficient clustering approach for collab orative data forwarding in heterog eneous MANET	Anubhuti Roda Mohindra, Dr. Charu Gandhi,	Internatio nal Journal of Wireless C ommunicati on,	2018	1	0	Jaypee Institute of Informa tion Technology
Reconstruc tion of Missing Hourly Pre cipitation Data to Increase Training Data Set for ANN	Hema Nagaraja, Krishna Kant, K Ra jalakshmi	Internatio nal Journal of Agricultur al and Env ironmental Informatio n Systems	2018	11	0	Jaypee Institute of Informa tion Technology
Healthcare Text Class ification System and its Perfor mance Evaluation A Source of Better Intelligen ce by Char acterizing Healthcare Text	Srivastava , S.K., Singh, S.K. Suri, J.S.	Journal of Medical Systems,	2018	57	1	Jaypee Institute of Informa tion Technology
Multichann el tunable filter properties of 1D magnetized ternary plasma photonic crystal in the presence of evanescent wave	S. K. Awasthi, R. Panda and L. Shi veshwari	Physics of Plasmas	2017	137	0	Jaypee Institute of Informa tion Techn ology, Noida
Generating trust using	R. Sharma, S. Alavi, and V.	Procedia Computer Science	2017	34	1	Jaypee Business School

Facebook-A study of 5 online apparel brands	Ahuja					
Tunable terahertz radiation generation by nonlinear photomixing of cosh-Gaussian laser pulses in corrugated magnetized plasma	P. Varshney, V. Sajal, A. Upadhyay, J. A. Chakera and R. Kumar	Laser and Particle beams	2017	48	0	Jaypee Institute of Information Technology, Noida
Multichannel tunable omnidirectional photonic band gaps of 1D ternary photonic crystal containing magnetized cold plasma	S. K. Awasthi, R. Panda, P. K. Chauhan, and L. Shiveshwari	Physics of Plasmas	2018	48	0	Jaypee Institute of Information Technology, Noida
A Six-Step-Strategy	N. Mishra N and S.K. Sundari S K.	consortia. Current Science	2017	98	0	Jaypee Institute of Information Technology, Noida
MSDApriori Discovering Borderline rare items using Association Mining	Shikhar Kesarwni, Astha Goel, Neetu Sardana,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Big data analytics for exploratory social network analysis	Chetna Dabas	International Journal of Information Technology and Management, Inderscience,	2017	12	0	Jaypee Institute of Information Technology

Constructi on of Adaptive Pulse Coupled Neural Network for Abnorm ality Detection in Medical Images	Upadhyay, P.K., Satish Chandra,	Applied Artifical Intillegen ce Taylor	2018	50	1	Jaypee Institute of Informa tion Technology
An energy efficient clustering approach for collab orative data forwarding in heterog eneous MANET	Mohindra, Anubhuti Roda, and Charu Gandhi	Internatio nal Journal of Communicat ion Systems	2017	37	0	Jaypee Institute of Informa tion Technology
Word Sense Based Hind i-Tamil St atistical Machine Tr anslation	Vimal Kumar K, Divakar Yadav,	Internatio nal Journal of Intelligen t Informat ion Techno logies,Ide a Group pu blishing,	2018	12	0	Jaypee Institute of Informa tion Technology
Detection of sarcasm in text data using deep convo lutional neural networks	Pulkit meh ndiratta, Shelly Sachdeva, and Devpriya Soni,	Scalable Computing	2017	10	0	Jaypee Institute of Informa tion Technology
Study of S elf-Simila rity for Detection of Rate- based Network Anomalies	Gagandeep Kaur, Vikas Saxena, JP Gupta,	INTERNATIO NAL JOURNAL OF SECURITY AND ITS AP PLICATIONS ,	2017	15	0	Jaypee Institute of Informa tion Technology
Brain Computer Interface for Micro- controller Driven Robot Based on	Parth Gargava, Krishna Asawa,	Internatio nal Journal of Interactiv e Multimedia	2017	0	0	Jaypee Institute of Informa tion Technology

Emotiv Sensors.						
Clu-PoF-A Novel Post Filtering Approach for Efficient Context Aware Recommendations	Anu Taneja, Anuja Arora	Procedia Computer Science, Elsevier,	2017	34	0	Jaypee Institute of Information Technology
IPL Visualization and Prediction Using HBase	Shubhra Singh, Parmeet Kaur	Procedia Computer Science, Elsevier	2017	34	0	Jaypee Institute of Information Technology
Efficient Content Based Image Retrieval using SVM and Color Histogram	Shiraaz Saad, Harendra Kumar, Tribhuwan Kumar Tewari ,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Trust and Reputation Aware Geographic Routing Method for Wireless Ad Hoc Networks	Raghu P. Vamsi, Krishna Kant,	International Journal of Ad Hoc and Ubiquitous Computing, , Inderscience,	2018	19	0	Jaypee Institute of Information Technology
CPLAG Efficient Plagarism Detection using Bitwise Operations	Shikha jain, Parmeet Kaur, Dhanlekshmi, Mukta Goyal,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Are Tweets The Real Estimators Of Election Results	Munaza Ramzan, E. Annapoorna , Shikha Mehta,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Fraud Detection and Frequent pattern matching in	Aayushi verma, Anu Taneja, Anuja Arora,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology

Insurance Claim using Data Mining Technique						
Reach360 A Comprehensive Safety Solution	Saumya Pandey,, Nikita Jain, Aditi Bhardwaj, Gagandeep Kaur, Vimal Kumar,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Hybrid context aware recommender systems	Rajshree Jain , Jaya Tyagi and Sandeep Kumar Singh and Taj Alam,	AIP Conference Proceedings,	2017	54	1	Jaypee Institute of Information Technology
Performance Evaluation of Various Data Structures in Building Efficient Indexing schemes for XML Documents	Dhanalekshmi G., Krishna Asawa	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
New Path Based Index Structure for Processing CAS Queries Over XML Database	Dhanalekshmi G, Krishna Asawa	Journal of Computing and Information Technology, The university of zagreb computing centre	2017	21	2	Jaypee Institute of Information Technology
Terahertz radiation generation by pulse slippage of Cosh-Gaussian lasers in a corrugated	K. L. Mann, V. Sajal, P. Varshney, N. K. Sharma	Physics of Plasmas	2017	137	0	Jaypee Institute of Information Technology, Noida

magnetized plasma						
Excitation of terahertz radiation generation by obliquely incident beating lasers on a hot magnetized plasma with step density profile	K. L. Mann, V. Sajal, N. K. Sharma	Laser and Particle Beams	2017	48	0	Jaypee Institute of Information Technology, Noida
Design and experimental realization of an optimal scheme for teleportation of an n-qubit quantum state	M. Sisodia, A. Shukla, K. Thapliyal and A. Pathak	Quantum Information Processing	2017	38	0	Jaypee Institute of Information Technology, Noida
Experimental realization of nondestructive discrimination of Bell states using a five-qubit quantum computer	M. Sisodia, A. Shukla and A. Pathak	Physics Letters A	2017	385	0	Jaypee Institute of Information Technology, Noida
On the origin of nonclassicality in single systems	S. Aravinda, R. Srikanth and A. Pathak	Journal of Physics A	2017	363	0	Jaypee Institute of Information Technology, Noida
Implementation of Ciphertext Policy-Attribute Based Encryption for Fine Grained	Shardha Porwal, , Sangeeta Mittal,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology

Access Control of University Data						
Fault Tolerant Streaming of Live News using Multi-Node Cassandra	Shubham Dhingra, Shreeya Sharma, Parmeet Kaur, Chetna Dabas,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Sentiment Analysis of Text using Deep Convolution Neural Networks,	Anmol Chachra, Pulkit Mehndiratta, Mohit Gupta	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Clickstream and Behavioral Analysis with Context Awareness for e-Commercial Applications,	Sakshi Bansal, Chetna Gupta, Adwitiya Sinha,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Investigation of IR based Topic Models on Issue Tracking Systems to Infer Software-Specific Semantic Related Term Pairs,	Denzil Correa, Sangeeta Lal, Ashish Sureka,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Supporting Collaborative Software Development in Academic Learning Environment,	Ritu Arora, Sanjay Goel, R.K. Mittal,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Impact Analysis	Krishna Kumar Rai,	Tenth International	2017	0	0	Jaypee Institute

of Rank Attack with Spoofed IP on Routing in 6LoWPAN Network,	Krishna Asawa,	Conference on Contemporary Computing				of Information Technology
Horizontal Fat Mesh Interconnection Network,	Akash Punhani, Pardeep Kumar, Nitin,A	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Quantum Genetic Algorithm with Rotation Angle Refinement for Dependent Task Scheduling on Distributed Systems.	Taj Alam, T. Gandhi, Nitin ,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Impact of non-linear numerical methods on Localization Algorithm	Amanpreet Kaur, Padam Kumar, Govind P Gupta,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Diabetic Retinopathy Detection using feed forward Neural Network	Jayant Yadav, Manish Sharma, Vikas Saxena,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Zinc Oxide nanoparticles	P. Bhardwaj, N. Goswami, P. Narula, C.K. Jain, A. Mathur	Plant Physiology and Biochemistry	2018	14	0	Jaypee Institute of Information Technology, Noida
Differential Evolution-based Subspace Clustering via Thresholding Ridge	Ankur Kulhari, Mukesh Saraswat,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology

Regression						
Vitamin D status influences mitochondrial metabolic activity and hyperglycaemic condition of skeletal muscle cells	Nancy Taneja, Shalini Mani	Journal of Pharmacy Research	2018	19	0	Jaypee Institute of Information Technology, Noida
Gel-Based Gelatin Zymography to Examine Matrix Metalloproteinase Activity in Cell Culture	Chhabra A, Rani V	Methods Mol Biol	2018	117	0	Jaypee Institute of Information Technology, Noida
Clustering based Minimum Spanning Tree Algorithm,	Sakshi Saxena, Priyanka Verma, Dharmveer Singh Rajpoot,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Nanomaterials for high frequency device and photocatalytic applications	R. Sharma, P. Thakur, M. Kumar, P. Sharma and V. Sharma	Journal of Alloys and Compounds	2018	138	0	Jaypee Institute of Information Technology, Noida
Structural stability, Enhanced magnetic, piezoelectric and transport properties in	Subhash Sharma, Vikash Singh, Avneesh Anshul, J. M.Siqueiros, and R. K. Dwivedi	Journal of Applied Physics	2018	283	0	Jaypee Institute of Information Technology, Noida
Structural, magnetic, dielectric, vibrational and optical	M. Kumar, M. Arora, S. Chauhan and H. Pandey	Journal of Alloys and Compounds	2018	138	0	Jaypee Institute of Information Technology, Noida

properties of Zr substituted Bi 0.90Gd0.10 FeO3 multi ferroics						
Reach360 A Comprehensive Safety Solution	Saumya Pandey,, Nikita Jain, Aditi Bhardwaj, Gagandeep Kaur, Vimal Kumar,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Hybrid context aware recommender systems	Rajshree Jain , Jaya Tyagi and Sandeep Kumar Singh and Taj Alam,	AIP Conference Proceedings,	2017	54	0	Jaypee Institute of Information Technology
Performance Evaluation of Various Data Structures in Building Efficient Indexing schemes for XML Documents	Dhanalekshmi G., Krishna Asawa	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
New Path Based Index Structure for Processing CAS Queries Over XML Database	Dhanalekshmi G, Krishna Asawa	Journal of Computing and Information Technology, The university of zagreb computing centre	2017	21	0	Jaypee Institute of Information Technology
Terahertz radiation generation by pulse slippage of Cosh-Gaussian lasers in a	K. L. Mann, V. Sajal, P. Varshney, N. K. Sharma	Physics of Plasmas	2017	137	0	Jaypee Institute of Information Technology, Noida

corrugated magnetized plasma						
Excitation of terahertz radiation generation by obliquely incident beating lasers on a hot magnetized plasma with step density profile	K. L. Mann, V. Sajal, N. K. Sharma	Laser and Particle Beams	2017	48	0	Jaypee Institute of Information Technology, Noida
Design and experimental realization of an optimal scheme for teleportation of an n-qubit quantum state	M. Sisodia, A. Shukla, K. Thapliyal and A. Pathak	Quantum Information Processing	2017	38	0	Jaypee Institute of Information Technology, Noida
Experimental realization of nondestructive discrimination of Bell states using a five-qubit quantum computer	M. Sisodia, A. Shukla and A. Pathak	Physics Letters A	2017	385	0	Jaypee Institute of Information Technology, Noida
On the origin of nonclassicality in single systems	S. Aravinda, R. Srikanth and A. Pathak	Journal of Physics A	2017	363	0	Jaypee Institute of Information Technology, Noida
Implementation of Ciphertext Policy-Attribute Based Encryption for Fine	Shardha Porwal, , Sangeeta Mittal,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology

Grained Access Control of University Data							
Fault Tolerant Streaming of Live News using Multi-Node Cassandra	Shubham Dhingra, Shreeya Sharma, Parmeet Kaur, Chetna Dabas,	10th International conference on Contemporary Computing,	2017	0	0		Jaypee Institute of Information Technology
Sentiment Analysis of Text using Deep Convolution Neural Networks,	Anmol Chachra, Pulkit Mehndiratta, Mohit Gupta	Tenth International Conference on Contemporary Computing	2017	0	0		Jaypee Institute of Information Technology
Gel-Based Gelatin Zymography to Examine Matrix Metalloproteinase Activity in Cell Culture	Chhabra A, Rani V	Methods Mol Biol	2018	117	0		Jaypee Institute of Information Technology, Noida
Clickstream and Behavioral Analysis with Context Awareness for e-Commercial Applications,	Sakshi Bansal, Chetna Gupta, Adwitiya Sinha,	Tenth International Conference on Contemporary Computing	2017	0	0		Jaypee Institute of Information Technology
Twitter Presence of Jet Airways-Deriving Customer Insights Using Netnography and Wordclouds	V. Ahuja, and M. Shakeel	Procedia Computer Science	2017	34	1		Jaypee Business School
Investigation of IR based Topic Models on	Denzil Correa, Sangeeta Lal, Ashish	Tenth International Conference on Contemporary	2017	0	0		Jaypee Institute of Information Technology

Issue Tracking Systems to Infer Software-Specific Semantic Related Term Pairs,	Sureka,	Computing				
Real coded genetic algorithm for fuzzy time series prediction	Jain S., Bisht D. C. S, Singh, P. and Mathpal P. C	AIP Conference Proceedings	2017	54	0	Jaypee Institute of Information Technology
Supporting Collaborative Software Development in Academic Learning Environment,	Ritu Arora, Sanjay Goel, R.K. Mittal,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Impact Analysis of Rank Attack with Spoofed IP on Routing in 6LoWPAN Network,	Krishna Kumar Rai, Krishna Asawa,	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Horizontal Fat Mesh Interconnection Network,	Akash Punhani, Pardeep Kumar, Nitin,A	Tenth International Conference on Contemporary Computing	2017	0	0	Jaypee Institute of Information Technology
Quantum Genetic Algorithm with Rotation Angle Refinement for Dependent Task Scheduling on Distributed Systems.	Taj Alam, T. Gandhi, Nitin ,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology

Impact of non-linear numerical methods on Localization Algorithm	Amanpreet Kaur, Padam Kumar, Govind P Gupta,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Diabetic Retinopathy Detection using feed forward Neural Network	Jayant Yadav, Manish Sharma, Vikas Saxena,	10th International conference on Contemporary Computing,	2017	0	0	Jaypee Institute of Information Technology
Water-driven Stabilization of Cadmium Sulphide Nanoparticles	Navendu Goswami and P. Sen	Applied Surface Science	2017	147	0	Jaypee Institute of Information Technology, Noida
Enhancement in A-B super-exchange interaction with Mn2	R. Sharma, P. Thakur, M. Kumar, P.B. Barman, P. Sharma and V. Sharma	Ceramics International	2017	82	0	Jaypee Institute of Information Technology, Noida
Gd3 doped Mn-Zn soft ferrite nanoparticles	P. Thakur, R. Sharma, V. Sharma, P.B. Barman, M. Kumar, D. Barman, S.C. Katyal and P. Sharma	Journal of Magnetism and Magnetic Materials	2017	147	0	Jaypee Institute of Information Technology, Noida
Effect of increasing disorder on domains of the 2d Coulomb glass	P. Bhandari and V. Malik	Journal of Physics Condensed Matter	2017	191	0	Jaypee Institute of Information Technology, Noida
Topic Modeling Driven Content Based Jobs Recommendation Engine for Recruitment Industry	Shivam Bansal, Aman Srivastava, Anuja Arora,	Procedia Computer Science, Elsevier	2017	34	0	Jaypee Institute of Information Technology

Miniaturiz ed Dual-band Metam aterial Inspired Antenna with modified SRR Loading	Ashish Gupta	Internatio nal Journal of RF and Microwave Computer Aided Engi neering	2018	34	0	Jaypee Institute of Informa tion Technology
Developmen t and Char acterizati on of Green Tea Catechins and Ciprof loxacin-loaded Nan oemulsion for Intrav aginal Delivery to Treat Urinary Tract Infection	A Kaur, N Kapoor, S Gupta, A Tyagi, RK Sharma, J Ali, RGabrani and S Dang May 2018	Indian J Pharm Sci	2018	47	0	Jaypee Institute of Informa tion Techn ology, Noida
Is perturb ation in the quaternary structure of bacterial CysE, another regulatory mechanism for cysteine synthesis	D. Verma, S. Gupta, K. J. Kaur and V. Gupta	Int J Biol Macromol	2018	92	0	Jaypee Institute of Informa tion Techn ology, Noida
Keystroke Dynamics based Auth entication System with Unres tricted Data Collection	Shashank Gupta, Kavita Pandey, Jatin Yadav, Richa Sharma,	10th Inter national conference on Contemp orary Computing,	2017	0	0	Jaypee Institute of Informa tion Technology
Young Arab consumers	Chaudhary, M., Ghouse, S.,	Young Consumers	2018	19	3	Jaypee Institute of Informa tion Technology
Contempora	Bhattachar	Rupkatha	2018	4	0	Jaypee

ry Context ualization of Paanchali and Penelope through Chitra Banerjee	ya, M.,	Journal on Interdisci plinary Studies in Humanities				Institute of Informa tion Technology
Impact of Anti Smoking Campaigns on Youth	Aakansha Chauhan and R. Sharma	Procedia Computer Science	2017	34	0	Jaypee Business School
Investment Decision Making	A. Singh and R. Sharma	Internatio nal Journal of Applied Business and Economic Research	2017	8	0	Jaypee Business School
Entreprene urial Leadership and Organi zational E ffectivene ss	P. Mishra, and R.K. Misra	Procedia Computer Science	2017	34	0	Jaypee Business School
Employabil ity Skills among Info rmation Technology Profession als	R.K. Misra, and K. Khurana	Procedia Computer Science	2017	34	3	Jaypee Business School
Core Self Evaluation s Scale	P.K. Sharma and R.K. Misra	Procedia Computer Science	2017	34	0	Jaypee Business School
Demographi cal charac teristics and Organi zational Culture as antecedent s of Managerial Effectiven ess	R. Pandey and R.K. Misra	Internatio nal Journal of Applied Business and Economic research	2017	8	0	Jaypee Business School
Store Format Choice Behaviour for	M. Shakeel and S. Mehra	Internatio nal Journal of Business Innovation	2017	17	0	Jaypee Business School

Organised and Unorganised stores of NCR in India-A Discriminant Analysis		and Research				
Some improved interactive aggregation operators under interval-valued intuitionistic fuzzy environment and its application to decision making process	Garg H., Agarwal N., Tripathi A	Scientia Iranica, Elsevier	2017	34	0	Jaypee Institute of Information Technology
Choquet Integral-Based Information Aggregation Operators under the interval-valued intuitionistic fuzzy set and Its Applications to Decision-Making Process	H., Agarwal N., Tripathi A	International Journal for Uncertainty Quantification	2017	8	0	Jaypee Institute of Information Technology
Energy dispersive x-ray fluorescent analysis of soil in the vicinity of industrial areas and heavy metal pollution	Singh V.,Joshi G. C. and Bisht D	Journal of Applied Spectroscopy	2017	20	0	Jaypee Institute of Information Technology

assessment						
Rana, P., Moradi, R. ,	Sheikholeslami, M., Chamkha, A.J	Chinese Journal of Physics, Elsevier	2017	23	0	Jaypee Institute of Information Technology
Radiative nanofluid flow and heat transfer over a non-linear permeable sheet with slip conditions and variable magnetic field	Puneet Rana, Ruchika Dhanai and Lokendra Kumar	Ain Shams Engineering Journal	2017	26	0	Jaypee Institute of Information Technology
Outer measure on effect algebras	Akhilesh Kumar Singh	Mathematica Slovaca	2017	18	0	Jaypee Institute of Information Technology
The Attractors of Fuzzy Super Iterated Function Systems	Prasad, B. and Katiyar, K	Indian Journal of Science and Technology	2017	41	0	Jaypee Institute of Information Technology
Stability Result of Iterative Procedure in Normed Space	Prasad, B. and Goyal K.	International Journal of Control Theory and Applications	2017	13	0	Jaypee Institute of Information Technology
Construction of RFIF using VVSFs with application	Katiyar, K. and Prasad, B	AIP Conference Proceedings	2017	54	0	Jaypee Institute of Information Technology
Dynamics of iterative schemes for quadratic polynomial	Goyal, K. and Prasad, B	AIP Conference Proceedings	2017	54	0	Jaypee Institute of Information Technology
Iterated function	Mishra, K. and	AIP Conference	2017	54	0	Jaypee Institute

systems in G b-metric space	Prasad, B	Proceedings				of Information Technology
Effect of Non-homogeneity on Orthotropic Creep Stresses in a Pressurized Circular Cylinder, Advancement in Mathematical Sciences	Sanjeev Sharma and Rekha Panchal	American Institute of Physics	2017	36	0	Jaypee Institute of Information Technology
Elastic-Plastic Analysis of Homogeneous Thick-Walled Circular Cylinder under Internal and External Pressure with Steady State Temperature	Sanjeev Sharma and Richa Sharma	Advancement in Mathematical Sciences, American Institute of Physics	2017	36	0	Jaypee Institute of Information Technology
Creep Deformation of a Non-homogeneous Thin Rotating Disk of Exponentially Varying Thickness with Internal Pressure	Sanjeev Sharma, Manoj Sahani and Richa Sharma	Advancement in Mathematical Sciences, American Institute of Physics	2017	36	0	Jaypee Institute of Information Technology
Finite Deformations of Functionally Graded Shell under Outer Pressure	Sanjeev Sharma and Rekha Panchal, Manoj Sahni and Richa Sharma	Advancement in Mathematical Sciences, American Institute of Physics	2017	36	0	Jaypee Institute of Information Technology

with Steady State Temperature						
Creep Transition in Bending of Functionally Graded Transversely Isotropic Rectangular Plates	Sanjeev Sharmanjeev Sharma	Structural Integrity and Life	2017	3	3	Jaypee Institute of Information Technology
Thermal Elastic-Plastic Transition of Non-Homogeneous Thick-Walled Circular Cylinder under External Pressure	Sanjeev Sharma, Manoj Sahni, Ravindra Kumar	Mathematical Sciences and its Applications, American Institute of Physics	2017	36	0	Jaypee Institute of Information Technology
Stress Analysis of Elastic-Plastic Thick-Walled Cylindrical Pressure Vessels Subjected to Temperature	Sanjeev Sharma	Structural Integrity and Life	2017	3	2	Jaypee Institute of Information Technology
Thermo Creep Analysis of Thick-Walled Functionally Graded Cylinder under Internal and External Pressure, Mathematical Sciences and its Applications	Sanjeev Sharma and Sanehlata Yadav	American Institute of Physics	2017	36	0	Jaypee Institute of Information Technology

Slip effects on MHD Hiemenz stagnation point nanofluid flow and heat transfer along a nonlinearly shrinking sheet with induced magnetic field	Rana P., Uddin M.J., Gupta, P. and Ismail A.I.M.	Journal of the Brazilian Society of Mechanical Sciences and Engineering, Springer	2017	25	6	Jaypee Institute of Information Technology
Watermarking Scheme based on Singular Value Decomposition and Homomorphic Transform	Verma D., Aggarwal A. K., and Agarwal H	AIP Conference Proceedings	2017	54	0	Jaypee Institute of Information Technology
Approximate Equalities Using Generalized Topological Space	Tyagi K., Tripathi A.	AIP Conference Proceedings	2017	54	0	Jaypee Institute of Information Technology
Watermarking Scheme based on Singular Value Decomposition and Homomorphic Transform	Deval Verma, A.K. Aggarwal and Himanshu Agarwal	Advancement in Mathematical Sciences, AIP Conf. Proc	2017	54	0	Jaypee Institute of Information Technology
Hall Effect on Thermosolutal Convection of Ferromagnetic Fluids in Porous Medium	A. K. Aggarwal and Suman Makhija	AIP Conference Proceedings	2017	54	0	Jaypee Institute of Information Technology
Thermosolutal instability of Rivlin-	A. K. Aggarwal and Dhruva Dixit	AIP Conference Proceedings	2017	54	0	Jaypee Institute of Information tion

Ericksen fluid under the effect of suspended particles and compressibility in porous medium						Technology
Recursive differentiation method to study the nature of carbon nanobeams	Priyanka Nagar and Parul Tiwari	AIP Conference Proceedings	2017	54	2	Jaypee Institute of Information Technology
Scattering of quasi seismic waves between self-reinforced and triclinic media	Kumari P	2nd International Conference on Recent Advances in Mathematical Sciences and its Applications	2017	54	0	Jaypee Institute of Information Technology
A unique conversion approach clubbed with a new ranking technique to optimize fuzzy transportation cost.	Bisht D. and Srivastava P. K.	AIP Conference Proceedings	2017	54	0	Jaypee Institute of Information Technology
Job satisfaction scale	P.K. Sharma, R.K. Misra and P. Mishra	Global Business Review	2017	14	1	Global Business Review
Sustainable Supply Chain Management	N. Abidi, A. Bandyopadhaya and V. Gupta	International Journal of Information Systems and Supply Chain Management	2017	11	12	Jaypee Business School
A unique computational method	Jain S., Mathpal P. C., Bisht	Cybernetics and Information Te	2018	9	2	Jaypee Institute of Informa

for constructing intervals in fuzzy time series for ecasting	D. and Singh P.,	chnologies ,				tion Technology
Finite element study of radiative double-diffusive mixed convection magneto-micropolar flow in a porous medium with chemical reaction and convective condition	G. Swapna, Kumar L., Rana P., Kumar, A.and Singh B.,	Alexandria Engineering Journal,	2018	25	3	Jaypee Institute of Information Technology
Unsteady MHD nanofluid flow past a stretching sheet with Stefan blowing effect	Shukla N, Rana P. ,	AIP Conference Proceedings	2017	54	2	Jaypee Institute of Information Technology
Effect of chemical reaction and viscous dissipation on MHD nanofluid flow over a horizontal cylinder	Shukla, N., Rana, P., Beg O.A.	AIP Conference Proceedings	2017	54	7	Jaypee Institute of Information Technology
Linear stability analysis on the onset of MHD non-Newtonian viscoelast	Rana P., Khurana M., Srivastava, S.,	AIP Conference Proceedings	2017	54	1	Jaypee Institute of Information Technology

ic rotating nanofluid layer with heat generation						
Stability Result of Iterative Procedure in Normed Space,	Prasad, B. and Goyal K.,	International Journal of Control Theory and Applications,	2017	13	1	Jaypee Institute of Information Technology
Construction of RFIF using VVSFs with application,	Katiyar, K. and Prasad, B.,	AIP Conference Proceedings	2017	54	1	Jaypee Institute of Information Technology
Mediating role of self-esteem in the relationship of mindfulness to resilience and stress.	B.Bajaj	International Journal of Emergency Mental Health and Human Resilience	2017	0	1	Jaypee Institute of Information Technology
Global Contrast Enhancement Based Image Forensics Using Statistical Features	Singh N., Gupta A., Jain R.C.	Advances in Electrical and Electronic Engineering	2017	13	4	Jaypee Institute of Information Technology
Triple band notched DG-CEBG structure based UWB MIMO/diversity antenna	Naveen Jaglan, Binod K. Kanaujia, Samir Dev Gupta and Shweta Srivastava and Ekta Thakur	Progress in electro magnetic Research C	2017	25	3	Jaypee Institute of Information Technology
Novel Electronically Controlled Current-Mode Schmitt Trigger Based on	A. Kumar, B. Chaturvedi	AEU-International Journal of Electronics and Comm unications	2017	44	6	Jaypee Institute of Information Technology

Single Active Element						
A new current tunable current input current output biquad using CFTAs	S. V. Singh, R. S. Tomar and D. S. Chauhan	Int	2017	0	2	Jaypee Institute of Information Technology
Electronically tunable current mode biquad filter based on single VDTA and grounded passive elements	C. Shankar and S. V. Singh	Int	2017	15	1	Jaypee Institute of Information Technology
Novel CMOS Dual-X Current Conveyor Transconductance Amplifier Realization with Current-mode Multifunction Filter and Quadrature Oscillator	A. Kumar, B. Chaturved	Circuits, Systems and Signal Processing	2018	41	7	Jaypee Institute of Information Technology
Ku Band Pattern Reconfigurable Substrate Integrated Waveguide Leaky Wave Horn Antenna	Tanvi Agrawal and Shweta Srivastava	AEU - International Journal of Electronics and Communications	2018	44	3	Jaypee Institute of Information Technology
Triple Band Notched Mushroom and	Naveen Jaglan, Samir Dev Gupta, B K kanaujia,	AEU - International Journal of Electronics and Comm	2018	44	4	Jaypee Institute of Information Technology

Uniplanar EBG Structures based UWB MIMO/Diversity Antenna with Enhanced wide band Isolation	Ekta Thakur, Shweta Srivastava	unications				
Electronically Tunable Current-Mode Instrumentation Amplifier with High CMRR and Wide Bandwidth	Chaturvedi, A. Kumar	AEU-International Journal of Electronics and Communications	2018	44	1	Jaypee Institute of Information Technology
A Novel Linear Square/Triangular Wave Generator with Tunable Duty Cycle	B. Chaturvedi, A. Kumar	AEU-International Journal of Electronics and Communications	2018	44	4	Jaypee Institute of Information Technology
Novel CMOS Dual-X Current Conveyor Transconductance Amplifier Realization with Current-mode Multifunction Filter and Quadrature Oscillator	Kumar, B. Chaturvedi	Circuits, Systems and Signal Processing	2018	41	7	Jaypee Institute of Information Technology
Ku Band Pattern Reconfigurable Substrate Integrated Waveguide Leaky Wave Horn Antenna	Tanvi Agrawal and Shweta Srivastava	AEU - International Journal of Electronics and Communications	2018	44	3	Jaypee Institute of Information Technology
Triple	Naveen	AEU - Inte	2018	44	4	Jaypee

Band Notched Mushroom and Uniplanar EBG Structures based UWB MIMO/Diversity Antenna with Enhanced wide band Isolation	Jaglan, Samir Dev Gupta, B K kanaujia, Ekta Thakur, Shweta Srivastava	rnational Journal of Electronics and Communications				Institute of Information Technology
Reconfigurable Microstrip Antennas Conformal to Cylindrical Surface	Prasanna K. Singh and Jasmine Saini	Progress in Electromagnetics Research Letters	2018	26	1	Jaypee Institute of Information Technology
Adaptive Histogram Equalization based Image Forensics using Statistics of DC DCT Coefficients	Singh N., Gupta A., Jain R.C.	Advances in Electrical and Electronic Engineering	2018	13	1	Jaypee Institute of Information Technology
Realization of Novel Cascadable Current-Mode All-pass Sections	A. Kumar, B. Chaturvedi	Iranian Journal of Electrical and Electronic Engineering	2018	10	2	Jaypee Institute of Information Technology
Capacity and BER Analysis of FSO Link in Adverse Weather Conditions over K-Distribution	Rahul Kaushik, Balkrishna Shukla, Vishal Saxena	International Journal of Pureand Applied Mathematics	2018	21	0	Jaypee Institute of Information Technology
Detection of Copy-move Image forgery using SVD	Kashyap, M. Agarwal, H. Gupta	International Journal of Engineering and	2018	15	0	Jaypee Institute of Information Technology

		Technology				
Detection of Copy-Rotate-Move forgery using Wavelet Decomposition and Zernike moments	Kashyap, M. Agarwal, H. Gupta	International journal of pure and applied mathematics	2018	21	0	Jaypee Institute of Information Technology
A Novel Low Complexity GA Based PTS Method for PAPR Reduction in OFDM Systems	J. Shukla, A. Joshi, R.K. Tyagi	International Journal of Control and Automation	2018	16	0	Jaypee Institute of Information Technology
Analytical Median Filtering Forensics Based on Moment Histograms	Gupta A., and Singhal D.	ACM Transactions on Multimedia Computing, Communications, and Applications	2018	39	0	Jaypee Institute of Information Technology
BSIM3v3 to EKV2.6 Model Parameter Extraction and Optimisation using LM algorithm on 0.18	Kirmender Singh, Piyush Jain	International Journal of Electronics and Telecommunication	2018	14	0	Jaypee Institute of Information Technology
Functional Modelling, Validation and Testing of Analog to Digital Converters	Chauhan T., Tripathi A., Sehra P., Karwal V.	Analog Integrated Circuits and Signal Processing, Springer	2018	0	0	Jaypee Institute of Information Technology
Free Space Optical Communications with Distributed Switch-and-Stay Combining	Gupta J., Dwivedi V., Karwal V., Ansari I. S., Karagiannidis G. K.	IET Communications	2018	51	0	Jaypee Institute of Information Technology

On the Performance of RF-FSO System over Rayleigh and kappa-mu/Inverse Gaussian Fading Environment	Gupta J., Dwivedi V., Karwal V.	IEEE Access	2018	36	0	Jaypee Institute of Information Technology
Sum rate	ParulPuri and Parul Garg	Wiley International Journal of Communication Systems	2018	37	0	Jaypee Institute of Information Technology
3D Multilayer Mesh NoC Communication and FPGA Synthesis	Kumar, G. Verma, M. K. Gupta, M. Salauddin, B. K. Rehman, and D. Kumar	Wireless Personal Communications	2018	42	0	Jaypee Institute of Information Technology
Area efficient layout design of CMOS circuit for high-density ICs	Vimal Kumar Mishra and R. K. Chauhan	International Journal of Electronics, Taylor Francis	2018	46	0	Jaypee Institute of Information Technology
Spectrum Selectivity and Responsivity of ZnO Nanoparticles Coated Ag/ZnO QDs/Ag UV photodetectors	Yogesh Kumar, Hemant Kumar, Gopal Rawat, Chandan Kumar, Bhola N Plal, Satyabrata Jit	IEEE Photonics Technology Letter	2018	139	0	Jaypee Institute of Information Technology
Compact Microstrip Antenna Design at 60 GHz for Next Generation Communication	Ekta Thakur, Naveen Jaglan, Samir Dev Gupta, Shweta Srivastava	International Journal of Microwave and Optical Technology	2018	7	0	Jaypee Institute of Information Technology

Systems						
Slotted Folded Substrate Integrated Waveguide Band Pass Filter with Enhanced Bandwidth for Ku/K Band Applications	Nitin Muchhal, Arnab Chakraborty, Manoj Vishwakarma and Shweta Srivastava	Progress In Electromagnetics Research M	2018	25	0	Jaypee Institute of Information Technology

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	30	19	13	0
Presented papers	116	1	1	0
Resource persons	4	3	3	0
Presented papers	116	1	1	0
Resource persons	4	3	3	0

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
No data entered !!!			

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

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

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 participated in such activities	Number of students participated in such activities
Women Day Celebration	NSS Unit of JIIT-62	2	35
Instilling Creativity in slum children	NSS Unit of JIIT-62	2	8

Educating Slum Children	NSS Unit of JIIT-62	2	15
NSS Orientation Day	NSS Units of JIIT	7	122
Visit to Orphanage	NSS Unit of JIIT-62	2	32
Drug Free India Campaign	NSS Unit of JIIT-62	2	75
Vegan Awareness	NSS Unit of JIIT-62	2	35
Walkathon	NSS Unit of JIIT-62	2	35
Women Day Celebration	NSS Unit of JIIT-62	2	35
Instilling Creativity in slum children	NSS Unit of JIIT-62	2	8
Educating Slum Children	NSS Unit of JIIT-62	2	15
NSS Orientation Day	NSS Units of JIIT	7	122
Visit to Orphanage	NSS Unit of JIIT-62	2	32
Drug Free India Campaign	NSS Unit of JIIT-62	2	75
Vegan Awareness	NSS Unit of JIIT-62	2	35
Walkathon	NSS Unit of JIIT-62	2	35

 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
No data entered !!!			

 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 participated in such activites	Number of students participated in such activites
Swachh Bharat Summer Internship Programme	Ministry of Human Resource Development, Ministry of Drinking Water and Sanitation and Ministry of Youth Affairs and Sports	Swachh Bharat Summer Internship Programme 2018-19	1	19

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	99	Faculty members of the Institute are engaged in collaborative	1

			research work at individual level with researchers working in national and international universities and research labs without funding.		
UG students of JIIT exchange programme in 8th semester with Florida State University, USA			Self finance		0.5

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
6 Month long Industrial Project	Internship	Creative Flakes Communications LLP	04/01/2018	03/06/2018	Shubhranjali Nigam
6 Month long Industrial Project	Internship	Expert Software	04/01/2018	03/06/2018	Divyani Jaiswal
6 Month long Industrial Project	Internship	FICO	04/01/2018	03/06/2018	Priyanka Verma
6 Month long Industrial Project	Internship	P and S Market Research	04/01/2018	03/06/2018	Shivangi Tyagi
6 Month long Industrial Project	Internship	Atonarp Micro-Systems India Pvt., Ltd.	04/01/2018	03/06/2018	E. Annapoorna
6 Month long Industrial Project	Internship	HashedIn	04/01/2018	03/06/2018	Pooja Lodhi
6 Month long Industrial Project	Internship	ION India pvt. Ltd.	04/01/2018	03/06/2018	Arushi Agarwal
6 Month long Industrial Project	Internship	Vapsoft Technologies Pvt. Ltd.	04/01/2018	03/06/2018	Niharika Garg
6 Month long Industrial Project	Internship	Excellent Software	04/01/2018	03/06/2018	Simran Bajaj
6 Month long Industrial	Internship	Tolexo Online Pvt.	04/01/2018	03/06/2018	Shubham Jain

		Ltd.			
Industry	Industrial Project	LASTEC, DRDO	04/01/2018	03/06/2018	Jayant Kumar Singh
6 Month long Industrial Project	Internship	KPMG, India	04/01/2018	03/06/2018	Sanskriti Shrivastava
6 Month long Industrial Project	Internship	Somish Solutions Ltd.	04/01/2018	03/06/2018	Ruchita Singh Tomar
6 Month long Industrial Project	Internship	ST Microelec tronics	04/01/2018	03/06/2018	Shivi Agrawal
6 Month long Industrial Project	Internship	Creative Flakes Commu nications LLP	04/01/2018	03/06/2018	Shubhranjali Nigam
6 Month long Industrial Project	Internship	Expert Software	04/01/2018	03/06/2018	Divyani Jaiswal
6 Month long Industrial Project	Internship	FICO	04/01/2018	03/06/2018	Priyanka Verma
6 Month long Industrial Project	Internship	P and S Market Research	04/01/2018	03/06/2018	Shivangi Tyagi
6 Month long Industrial Project	Internship	Atonarp Micr o-Systems India Pvt., Ltd.	04/01/2018	03/06/2018	E. Annapoorna
6 Month long Industrial Project	Internship	HashedIn	04/01/2018	03/06/2018	Pooja Lodhi
6 Month long Industrial Project	Internship	ION India pvt. Ltd.	04/01/2018	03/06/2018	Arushi Agarwal
6 Month long Industrial Project	Internship	Tolexo Online Pvt. Ltd.	04/01/2018	03/06/2018	Shubham Jain
6 Month long Industrial Project	Internship	Quantiphi	04/01/2018	03/06/2018	Garima Goyal
6 Month long Industrial Project	Internship	Quantiphi	04/01/2018	03/06/2018	Tanya Jain
Industry	Industrial Project	Idea Cellular Limited	04/01/2018	03/06/2018	Pinki Sankhla
Industry	Industrial Project	LASTEC, DRDO	04/01/2018	03/06/2018	Jayant Kumar Singh
Industry	Dissertation	IIT Bombay	04/01/2018	03/06/2018	Ankita Gupta

6 Month long Industrial Project	Internship	Infinera India pvt Ltd	04/01/2018	03/06/2018	Shubhankar Rawat
6 Month long Industrial Project	Internship	Jabong	04/01/2018	03/06/2018	Akshat Sharma
6 Month long Industrial Project	Internship	Infinera India pvt Ltd	04/01/2018	03/06/2018	Shubhankar Rawat
6 Month long Industrial Project	Internship	Vapsoft Technologies Pvt. Ltd.	04/01/2018	03/06/2018	Niharika Garg
6 Month long Industrial Project	Internship	Crisp analytics	04/01/2018	03/06/2018	Sahil Upadhyay
6 Month long Industrial Project	Internship	Crisp analytics	04/01/2018	03/06/2018	Sahil Upadhyay
6 Month long Industrial Project	Internship	ST Microelectronics	04/01/2018	03/06/2018	Amit Kumar Singh
6 Month long Industrial Project	Internship	KPMG, India	04/01/2018	03/06/2018	Sanskriti Shrivastava
6 Month long Industrial Project	Internship	Somish Solutions Ltd.	04/01/2018	03/06/2018	Ruchita Singh Tomar
6 Month long Industrial Project	Internship	ST Microelectronics	04/01/2018	03/06/2018	Shivi Agrawal
6 Month long Industrial Project	Internship	Quantiphi	04/01/2018	03/06/2018	Garima Goyal
6 Month long Industrial Project	Internship	TPF Technologies	04/01/2018	03/06/2018	Shivam Saxena
6 Month long Industrial Project	Internship	Valuevest Technologies Pvt. Ltd	04/01/2018	03/06/2018	Jatin Yadav
6 Month long Industrial Project	Internship	Jabong	04/01/2018	03/06/2018	Richa Sharma
Industry	Industrial Project	Nxtra Data subsidiary of Bharti Airtel Ltd.	04/01/2018	03/06/2018	Prateek Jain
6 Month long Industrial Project	Internship	Idea Bubble	04/01/2018	03/06/2018	Nilesh Agarwal
Industry	Industrial Project	Cadence	04/01/2018	03/06/2018	Tarun Singhal,

					Swarnima Rajput, Ravi Kiran
Industry	Industrial Project	DRDO	04/01/2018	03/06/2018	Nisha Chaturvedi
Industry	Industrial Project	ISRO NRSC	04/01/2018	03/06/2018	Akshay Singh
Industry	Dissertation	IIT Bombay	04/01/2018	03/06/2018	Ankita Gupta
Industry	Industrial Project	ST Microelectronics	04/01/2018	03/06/2018	Harsh Agarwal
Industry	Industrial Project	Incise Infotech Pvt. Ltd.	04/01/2018	03/06/2018	TaruShree
Industry	Industrial Project	BEL, Ghaziabad	04/01/2018	03/06/2018	Varun Gautam
6 Month long Industrial Project	Internship	Excellent Software	04/01/2018	03/06/2018	Simran Bajaj
6 Month long Industrial Project	Internship	XL Catlin	04/01/2018	03/06/2018	Govind Mohan
6 Month long Industrial Project	Internship	PwC	04/01/2018	03/06/2018	Kunal Chikersal
6 Month long Industrial Project	Internship	KPMG	04/01/2018	03/06/2018	Shubham Goel
6 Month long Industrial Project	Internship	Anshika Technologies	04/01/2018	03/06/2018	Alokit Nigam
6 Month long Industrial Project	Internship	Quantiphi	04/01/2018	03/06/2018	Tanya Jain
6 Month long Industrial Project	Internship	Valuevest Technologies Pvt. Ltd	04/01/2018	03/06/2018	Jatin Yadav
6 Month long Industrial Project	Internship	Jabong	04/01/2018	03/06/2018	Richa Sharma
6 Month long Industrial Project	Internship	TPF Technologies	04/01/2018	03/06/2018	Shivam Saxena
6 Month long Industrial Project	Internship	Jabong	04/01/2018	03/06/2018	Akshat Sharma
6 Month long Industrial Project	Internship	XL Catlin	04/01/2018	03/06/2018	Govind Mohan
6 Month long Industrial	Internship	PwC	04/01/2018	03/06/2018	Kunal Chikersal

Project					
6 Month long Industrial Project	Internship	KPMG	04/01/2018	03/06/2018	Shubham Goel
6 Month long Industrial Project	Internship	Anshika Technologies	04/01/2018	03/06/2018	Alokit Nigam
Industry	Industrial Project	Nxtra Data subsidiary of Bharti Airtel Ltd.	04/01/2018	03/06/2018	Prateek Jain
6 Month long Industrial Project	Internship	Idea Bubble	04/01/2018	03/06/2018	Nilesh Agarwal
Industry	Industrial Project	Cadence	04/01/2018	03/06/2018	Tarun Singhal, Swarnima Rajput, Ravi Kiran
Industry	Industrial Project	DRDO	04/01/2018	03/06/2018	Nisha Chaturvedi
Industry	Industrial Project	ISRO NRSC	04/01/2018	03/06/2018	Akshay Singh
6 Month long Industrial Project	Internship	ST Microelec tronics	04/01/2018	03/06/2018	Amit Kumar Singh
Industry	Industrial Project	ST Microelec tronics	04/01/2018	03/06/2018	Harsh Agarwal
Industry	Industrial Project	Incise Infotech Pvt. Ltd.	04/01/2018	03/06/2018	TaruShree
Industry	Industrial Project	BEL, Ghaziabad	04/01/2018	03/06/2018	Varun Gautam
Industry	Industrial Project	Idea Cellular Limited	04/01/2018	03/06/2018	Pinki Sankhla

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
No data entered !!!			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
528	433

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments 49 purchased (>1-0 lakh) during the current year	Newly Added

4.2 – Library as a Learning Resource

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

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

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	40094	32,050656	5431	2,527057	45525	34,573211
Reference Books	16327	13,051,603	1460	679,342	17787	13,730947
e-Books	631	101429	0	0	631	1,014,249
Journals	33	6500000	3	307113	36	6,807,113
e-Journals	5006	36785896	930	6179886	5936	42,965,782
Digital Database	333493	7456000	3179	1278720	336672	8,734,720
CD & Video	3445	0	690	0	4135	0
Library Automation	1	1150000	1	46000	2	1,196,000
Weeding (hard & soft)	0	0	289	0	289	0
Others(specify)	899	9600000	436	1319172	9429	10,919,172

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	Platformon which module is developed	Date of launching e-content
No data entered !!!			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	1909	46	46	5	2	1	7	1	
Added	156	2							

| Total | 2065 | 48 | 46 | 5 | 2 | 1 | 7 | 1 | 0 |

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

1.12 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
No data entered !!!	

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
410	351	118	82

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 Center for IT support. 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, 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.

http://www.jiit.ac.in/lrcjiit/,
https://docs.google.com/spreadsheets/d/1VpLIAuIJ2ACu2s_wzn2tFD79slX9B-Qy70YlWs5-4B8/pubhtml, http://www.jiit.ac.in/biotech-gallary

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Research Fellowship for Ph.D. Students	39	8318000
	Teaching Assistantship for PG students M. Tech	7	630000
	William Webster Merit-Cum-Means Scholarship	8	530000
	Financial Assistance for attending conferences/ seminars for UG/PG & Ph.D. Students	10	25000
Financial Support from Other Sources			
a) National	Government funded projects for supporting staff (JRF+SRF+RA+PA)	30	7142000
b)International	-	-	-

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.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Language Lab Programme	11/09/2017	721	Internal Faculty, Department of Humanities & Social Sciences, JIIT Noida
Aptitude Training	01/08/2017	562	Mr Eldo
Aptitude Training	23/7/2018	557	Mr Eldo
Elective in Advanced Radio Access Network (ARAN)	26/01/2018	50	Ericsson Global India
Ericsson Career Connect program	29/01/2018	50	Ericsson Global India

International Yoga Day	21/06/2018	150	Bharatiya Yog Sansthan
Regular Counselling & Mentoring	Throughout semester as and when required	All students	In house faculty mentors

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
25th Aug 2017	Career in IT Industry, workshop by Infosys		50 ECE ARAN Elective students of 2014-18		
Feb 2018	TechGig by Techcon		139		
Jan 2018	Leveraging Technology And Digital Intelligence In Supply Chain Function by TATA Motors		885		

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Adobe	108	2	Nisaan Digital	25	6
Amazon	329	4	KPMG	5	1
Directi	440	1	Microsoft	17	3
Amazon Web Services	430	10	EY	15	3
Magnitude Software	161	7	Metcube	9	1
1MG	22	0	Airtel	12	2
Play Simple	45	2	Mentor Graphics	11	1
Squadrun	170	3	Grofers	5	1
Morgan Stanley	64	7	Cadence	14	3
SAP Labs	453	4	TCS	28	12

Xseed Education	79	1	DP Project	5	1
Byju's	139	4	ION Trading	7	1
Ola	142	3	IIIT Bombay	8	1
XL Catlin	154	5	Jabong	7	1
POSist	221	4	ISRO	5	1
Delhivery	240	5			
Splash Math	95	6			
Sumo Logic	434	4			
Axtria	22	4			
FICO	440	13			
Hashedin	224	13			
HSBC	58	1			
Kuliza	68	6			
Smarter Codes	135	1			
ZS Associates	188	14			
Cognizant	440	8			
Vehant Tech	68	2			
Deloitte INDIA	239	3			
Deloitte USI	616	24			
AgrilDx	242	3			
CarSense (formerly Carnot Technologies)	67	1			
Grail Research	126	0			
Paytm	154	1			
The Smart Cube	38	1			
India Mart	142	10			
Zycus	288	4			
Zunroof	5	2			
Anhad Edutrain/Edoofa	323	14			
Abyeti Tech	241	6			
Blue Stacks	12	1			
Class Plus	165	1			
LiveLike	50	1			
Minjar	73	2			
Octro	195	6			
Setu Serv	11	1			
Shuttl.com	94	8			
Smartprix	335	1			
Velankani Software	25	2			
Yamaha Motor	80	2			
Finsol Tech	37	2			
PatchUS Communications	72	1			
Psit Kanpur	4	0			
IIM Jobs.com	158	1			

Research Nester	54	0			
APAC Sourcing	18	0			
Broadcom	48	4			
Cause Code Tech	118	0			
Dentalkart.com	23	3			
Gemalto	110	5			
Grappus	181	2			
Hot Cocoa	165	4			
MTree Software	87	4			
Naukri.com	8	1			
Nirvana Solutions	114	1			
Xebia	37	0			
Protiviti	33	4			
Crisp Analytics	54	4			
Newgen	91	15			
LocoNav	65	2			
Tolexo	42	3			
WSP	82	2			
SP Global	34	1			
Algoscale	18	2			
Appy Pie	71	8			
Credihealth	24	2			
DHL		0			
Forward Eye Tech	16	4			
Freyr Solutions	47	9			
Isango	8	2			
P&S Market Research	23	3			
Wazo Studio	25	1			
RTDS	90	19			
TechSci Research	44	0			
Tothe NewDigital	58	5			
Chegg	112	0			
Smart Joules	11	2			
Metamor Software	11	0			
Prime Seller	61	4			
Blowhorn	40	0			
Cognizant (Regular)	161	29			
Dion Global	26	3			
Effectual Knowledge	19	2			
HCL Technologies	101	16			
Incedo	126	6			
Indailends	43	2			
Inspire Infotech	92	0			

Sopra Steria	52	6			
Navisite India	33	1			
Infosys	374	161			
Wipro	201	41			
Grape City	134	1			
Knoldus	37	3			
Phronesis Partners	149	13			
Almora Deck	57	2			
Biz2Credit	92	1			
Careers360	68	4			
Crowe Horwath	27	2			
ExtraMarks	31	3			
Innodata	24	0			
JM Consultancy	66	2			
Magna Infotech	20	1			
Next Level Business	16	7			
NTT Data	175	33			
Optimis	27	2			
Peluche	30	3			
RGF	72	3			
ST Microelectronics	87	18			
Steller Value Chain	15	3			
Svarochi	29	1			
Tech Ryde	41	2			
TwinSpark	61	3			
JBS					
Amazon	17	1			
Xseed Education	6	0			
Byjus	14	0			
Zycus	27	0			
Infor	5	0			
Kantar	7	1			
Eazy Diner	5	0			
TransWeb-BDA	2	0			
Godrej & Boyce	3	0			
Berger Paints	4	0			
99 Acres	7	1			
Naukri.Com	15	1			
F1F9	17	0			
Windmöller & Hölscher	5	0			
APAC	6	0			
Home Credit India	7	2			
Freyr Solutions	7	0			
Prop Tiger	13	1			

P&S Market Research	9	2			
ICICI Securities	24	7			
Asahi India Glass	6	1			
TechSci Research	4	0			
DXC Technology	17	2			
Uflex Limited	10	1			
Naukri Premium	13	1			
To the New Degital	15	1			
Secure Now	11	2			
Televisory Global	6	0			
Prateek Group	17	3			
ICICI Prudential	9	1			
Paper Pedia	10	2			
India Bulls	6	0			
Inspire Infotech	6	0			
Phronesis Partners	7	0			
Ez Credit	4	0			
MyZeal IT Solutions	5	0			
Lean Apps	8	1			
NeerInfo Solutions	7	2			
SNVA Venture Pvt. Ltd	17	4			
Super Pioneer Personnel	9	3			

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

Year	No. of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	14	B.Tech	Biotech	University of Wisconsin-Madison, uOttawa, Canada	Msc. Health System
				University of Illinois, Chicago	MBA
				University of Technology, Sydney,	M.S.

				Australia	
				University of Leeds, UK	M.S.
				IIM Ranchi	M.S.
				IIT Bombay	HRM
				In Progress	M.Tech/ Ph.D.
				Narsee Monjee Institute of Management Studies, Mumbai	M.Tech
				MBA (HHM), Symbiosys Pune	MBA
			ECE	Monash Universit	M.Tech
				RMIT	MS
				Nirma University	MBA
		MBA	JBS	California State University, Los Angeles	MS (Data Science)

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	Number of students selected/ qualifying	Reg no/ Rollno for the examination
NET	1	
SET	1	
SLET	–	
GATE	35	
GMAT	1	
CAT	28	
GRE	16	
Civil Services	–	
Any Other (AFCAT, CMAT,CDS, IES, IIFT, XAT, IELTS, SNAP)	12	

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

Activity	Level	Number of Participants
Ebullience 17	Inter-college level	250
Cybershrishti	Inter-college level	400
NCU	Inter-college level	25
UCMS	Inter-college level	25
Thumfie	Inter-college level	30
Suspicious Companion	Inter-college level	50
Pictogram	Inter-college level	86

30-30 Photography competition	Inter-college level	130
Mr. and Ms. Photogenic	Inter-college level	183
Just do it	Inter-college level	150
Piksel	Inter-college level	164
Kick-O-Bot	Inter-college level	75
Brettspiel	Inter-college level	70
Kodo-Fiesta	Inter-college level	35
Aerated Run	Inter-college level	80
Amigo Robo	Inter-college level	50
Orientation cum Project Exhibition	Inter-college level	250
Manual Workshop	Inter-college level	450
wireless Workshop	Inter-college level	250
IOT Advanced Workshop	Inter-college level	150
Manual Event	Inter-college level	400
Photoshop workshop	Inter-college level	62
Illustrator Workshop	Inter-college level	75
online poster making	Inter-college level	25
startup pedia	Inter-college level	10
Info Desk at AMN Conference	Inter-college level	60
Industry Visit to GSES	Inter-college level	15
Hardware Workshop	Inter-college level	110
PCB Fabrication	Inter-college level	50
Voltz	Inter-college level	40
Techbuzz	Inter-college level	50
Electromania	Inter-college level	40
Circuit Hunt	Inter-college level	70
Circuit Trix	Inter-college level	35
Clicks and Strokes	Inter-college level	104
Nostalgia	Inter-college level	8
Mr. and Ms. Ebullience	Inter-college level	70
Mr. and Ms. Impressions	Inter-college level	80
Theme Walk	Inter-college level	6
Mini Stars 2018	Inter-college level	15
Joust	Inter-college level	280
JMUN	Inter-college level	300
Debate Competition	Inter-college level	30
Debate Competition	Inter-college level	36
Chakra View	Inter-college level	60
workshop	Inter-college level	100

workshop to guide	Inter-college level	150
Execute 18.1	Inter-college level	216
Knuth cup	Inter-college level	218
Coding competition	Inter-college level	100
Coding competition	Inter-college level	150
Knuth classes for noob and pro	Inter-college level	60
Encode 17	Inter-college level	60
Execute	Inter-college level	100
Autonomous Workshop	Inter-college level	300
Autonomous Orientation	Inter-college level	200
Blaze-A-Rush	Inter-college level	35
Mascara- EL- Paso	Inter-college level	64
Group dance competition	Inter-college level	13
Solo Dance competition	Inter-college level	65
On the spot dance competition	Inter-college level	50
Pic-A-Boo	Inter-college level	40
Wordsmith Hunt	Inter-college level	20
Comunica	Inter-college level	30
Book Exchange	Inter-college level	25
Book fair / caf	Inter-college level	30
Myriad of Color	Inter-college level	14
Ninja Loot Hunt	Inter-college level	60
Blind Vertrouwen	Inter-college level	28
Talk on FA by HARSH GOYALA	Inter-college level	100
Impressions escape the charades	Inter-college level	40
Impressions football fantasy league	Inter-college level	15
Cyber shrishti startup summit	Inter-college level	12
workshop	Inter-college level	250
Fifa 18 auction	Inter-college level	60
Game play marathon	Inter-college level	6
Bug hunter	Inter-college level	6
Unplugged	Inter-college level	360
Euphonium	Inter-college level	180
Antakshari	Inter-college level	30
Voice Of Impression	Inter-college level	90
Gunaah	Inter-college level	7+Students
Comic Con	Inter-college level	10
Ditto Event	Inter-college level	8 Teams

Play and Hunt	Inter-college level	250	
Counter Strike	Inter-college level	40 Team	
Cirque de mask	Inter-college level	50	
Treasure hunt	Inter-college level	60	

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	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	NorthEast Calling	National		1	9914102066	Shubham Raj

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

None

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

4200

5.4.3 – Alumni contribution during the year (in Rupees) :

29750

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet organized in 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 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

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

Yes

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	Details
Admission of Students	The Institute carries out admissions to all its UG, PG, and Ph.D. programmes purely on the basis of merit in national level competitive examinations through a transparent and well administered mechanism. The admission related events, schedules and procedures are widely publicized through advertisements in national newspapers and magazines, educational web portals, social media, and Institute website. A candidate has the option to apply online or submit an application as a hard copy. The details of such applicants are also maintained online and displayed on the website. All the candidates are provided a unique reference number which can be used to see the status of their application online. To ensure transparency, complete details of academic programmes, seats available in each programme, admission process like meriting and counselling for the UG programmes are available on the website.
Curriculum Development	The Institute has a well established process for design and updation of curriculum. Curriculum design or updation takes into account feedback and experience of students, faculty, alumni, industry, and experts from other institutes, requirement of

	competitive exams, and of professional bodies like IEEE, ACM, NASSCOM, CII, etc., as also the curriculum in vogue at nationally important Institutes like IITs, IISc, IIITs, IIMs, etc. The courses/curricula are designed at the departmental/ Institute level.
Industry Interaction / Collaboration	The collaborations have resulted in the establishment of following 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 Advanced 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 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.
Library, ICT and Physical Infrastructure / Instrumentation	The Institute maintains adequate physical infrastructure for teaching-learning, research, extra-curricular activities for faculty, students, and staff through an established mechanism of resource planning and execution.

Adequacy of physical infrastructure is discussed by Institute Administrative Committee from time to time. The physical infrastructure of the Institute is created as per AICTE norm with 20-30 percentage extra space for futuristic planning. The JIIT campus is spread in 25.45 Acres. The total built-up area of the Institute is 1,41,610.0 sq.mt, which includes 83 class rooms and 16 tutorial rooms, 7 seminar rooms along with 102 Laboratories. Out of 83 class rooms, 41 class rooms are ICT equipped and rest are normal class rooms. Two new workshops and Two new labs have been created in the AY 2017-18. For optimal utilization of physical infrastructure, the Institute has developed a model of resource sharing in which academic infrastructure like lecture theatres, tutorial rooms and laboratories are shared by all the departments to run their programmes. Sharing is made possible by making the timetable centrally for all the programmes. Provisions have also been made for need based use of infrastructure outside the timetable through the web-kiosk ERP software. Availability of these resources can be seen online by all faculty and staff for appropriate planning. LRC has been using international standard Integrated Library Management Software i.e. Liberty. Software has in-built feature for personalized OPAC for searching the resources. The Open Source Library Management Software KOHA has been operational and is being used successfully. The LRC has designed and developed dynamic Library Website by using Joomla content Management software. Information related to the LRC is uploaded on LRC website. The LRC has designed and developed Institutional Repository LRC-DRS to maintain intellectual output of the Institute by using DSpace open source software. At present, LRC has uploaded 1700 documents into the repository containing Ph.D. theses, M. Tech. dissertations, B. Tech. Project reports and faculty research papers. The details of ICT deployed in the library are briefed as follows LRC is using International Standard Integrated Library Management Software and almost

	all in-house activities of LRC are automated. All print resources 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.
Human Resource Management	The Institute has a rich pool of well qualified human resources to meet all requirements of the Curriculum. JIIT being a private unaided institution, the Board of Management has approved that the faculty be decided and enrolled based on the assessed requirements. Flexibility has been allowed to cater for additional recruitment whenever needed without any restraint on the numbers. This ensures smooth conduct of programmes, and enables the Institute to meet the requirement due to changes in curriculum and additional courses. While doing so, the norms and parameters laid down by the UGC-AICTE for faculty are observed for compliance. The Institute has a well defined system of recruitment in place to ensure that the best faculty with desired capability and qualification is inducted. For engineering and management programmes, the qualification for faculty position in the Institute is Ph.D. or M. Tech. or MBA from a reputed institution preferably with some teaching or industrial experience. For faculty in the departments like, PMSE, Mathematics, HSS and Biotechnology, the candidate with Ph.D. are recruited. The

	strength of faculty in the last five years has gone up from 150 to 261. Institute also employs visiting faculty. Such faculty is invited based on their experience, high degree of research knowledge or industrial experience to conduct the courses as part of curriculum. Approximately more than100 visiting faculty including those from abroad have been invited in the past to conduct various courses in engineering and management programmes. Further, the Institute has been empowered to 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.
Teaching and Learning	All the programmes and courses are developed with clearly defined learning objectives and outcomes. All faculty members across the various Departments of Engineering discipline and Business School are sensitized and encouraged to design, develop and conduct their courses in the context of specific learning outcomes. All assessments, both continuous and end-term/ semester, in each of the programme and courses are geared to evaluate the extent to which students have been able to acquire the pre-decided learning outcomes and competencies. The course outcomes are linked with the graduate attributes and the programme outcomes. These attributes are adequately reflected in the programme output, i.e., job placement, global acceptance for higher studies, student performance in various competitions and feedback from stakeholders. Learning outcomes for all the academic programmes have been clearly articulated, documented and made available on the Institute website/ study material folder. The

	learning outcomes of each course are discussed among the faculty within the department and other Institute bodies such as BOS, Academic Council, etc., so that they are in-line with the programme outcomes. In order to make students aware of the learning outcomes of each course, 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.
Examination and Evaluation	The existing examination and Evaluation reforms are summarised below. The Institute has always been open to reforms in evaluation and examination process to achieve transparency, timeliness, objectivity and fairness in evaluation, student satisfaction etc. Some progressive examination related practices being followed are As presented in earlier reports too, an academic calendar is issued every year in March or April before commencement of the academic year in July. The calendar is strictly followed and changes are not permitted in it unless some unforeseen or unavoidable circumstances develop. The results of all programmes are announced on schedule as per the academic calendar. In addition, the grade sheets are issued to the students at the end of each semester and trimester and programme respectively. The students are invited to see their answer books of a written examination after the teacher has evaluated the answer scripts. They are free to put forward their arguments to the teacher wherever there is a disagreement. The teacher takes appropriate action as per merit of the case. Final result is prepared only after this exercise. The results and grades are discussed and moderated at the level of Department as well as institution for commonality and uniformity. Before finalizing the result, the provisional grades are displayed on the institutional notice boards and students are provided an opportunity to point out discrepancy, if any. The student is given every

		chance to seek redressal for any examination related grievances. Whenever a course is taught by more than one faculty member, all the members are involved in question paper setting, evaluation and grade calculation to maintain uniformity across batches. There is a system of question paper moderation so that the quality of question papers can be monitored and corrected if necessary. Dean A and R has issued well documented guidelines for question paper setting for both closed-book and open-book type of examinations. These guidelines give distribution of questions and type of questions to be set to emphasise higher level of learning. At the end of semester, while maintaining course file, CSE and IT dept maps all questions in all examinations paper with blooms taxonomy. Before the announcement of T1 examination, HOD ask faculty to report who want to have open book examination as then in all such courses, the controller of examination ensures the seat allocation plan favouring the conduct of such examination smoothly. Generally in a room, if a open book exam is being conducted, no other paper is schedule for the sake of effective invigilation. In All examinations, HOD and other senior professors are appointed as Flying squad members, who take round in all rooms and submit a report. This is being done in all exam time slots and in all examinations Variations in normal examination system in some subjects are permitted by VC and chairman, Academic Council on the request of the teacher.
	Research and Development	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

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Administration	Webkiosk maintains records and information required for administration purpose online like Leaves, Desk calculations, information about students, performance records, selection, recruitment of staff, Complaints, Forms submission Labs administration.
Finance and Accounts	All the account operations starting from transaction entry to preparation of balance sheets including externally funded projects are maintained through ERP software
Student Admission and 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.
Examination	Web kiosk maintains attendance, time table schedule, exam schedule and seating plan as per enroll number, invigilation duties, marks entry and results preparation.
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. Webkiosk maintains student information.

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	Name of Teacher	Name of conference/ workshop attended	Name of the professional body for	Amount of support

Year		for which financial support provided	which membership fee is provided	
2017	Dr. Pankaj Kumar Yadav	To present his paper in 2nd Global Conference on Wireless and Optical Communications - 2017	MUET	39287
2018	Dr. Rahul Kaushik	3rd International Conference on Recent Trends in Computer Science and Electronics,Bangkok, Thailand	Gyancity Research Lab	26000
2018	Dr. Chakresh Kumar Jain	ISMS - 2018, Valletta, Malta	CSUSB, USA and University of Malta, Malta	9549
2018	Mr. K. Vimal Kumar	CICLing - 2018, Hanoi, Vietnam	CICLing - 2018, Hanoi, Vietnam	38425
2018	Mr. Abhishek Kashyap	ICICSA - 2018, Pattaya, Thailand	Inventive Research Organization at Pattaya, Thailand	8500
2018	Ms. Manisha Singh	9th International Nanomedicine Conference - 2018, Sydney Australia	Australian Centre for NanoMedicine ACN and the ARC Centre of Excellence in Convergent Bio-Nano Science and Technology CBNS.	50000

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year *(For details refer to Annexure – I_ 6.3.2)*

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	FDP on Recent Trends in Signal Processing		10/07/2017	15/07/2017	37	0
2017	FDP on Modelling		10/07/2017	15/07/2017	8	0

2017	and Simulation Tools in Electronics and Communication Engineering					
2017	FDP on Recent Trends in Engineering Physics		10/07/2017	15/07/2017	39	0
2017	FDP on Qualitative Methods of Social Science Research		10/07/2017	15/07/2018	35	0
2017	FDP on Performance Assessment of Computing Systems		10/07/2017	15/07/2017	40	0
2017	FDP on Mathematical Aspects of Image Processing and Computer Vision		10/07/2017	15/07/2017	41	0
2017	Workshop on workshop on Embedded Systems		17/07/2017	18/07/2017	30	0
2017	Alumni Workshop on Bridging gap between academia and industry		16/09/2017	16/09/2017	32	0
2017	Scilab demonstration		12/10/2017	12/10/2017	12	0
2017	Workshop on Cervical CanceR		10/11/2017	10/11/2017	100	0
2017	Research		13/11/2017	13/11/2017	75	0

	2017	Trends in Machine learning and Artificial Intelligence					
	2017	Workshop on Equity trading and investment		13/11/2017	13/11/2017	35	0
	2017	Seminar on Unboxing Today		17/11/2017	18/11/2017	84	0
	2017	National Workshop on Computational Intelligence		01/12/2017	02/12/2017	50	0
	2017	International Conference on Information Technology and Quantitative Management		08/12/2017	10/12/2017	165	0
	2017	Workshop on GST		09/12/2017	09/12/2017	47	0
	2017	International conference on Recent Advances in Mathematical Sciences and its Applications		12/12/2017	14/12/2017	79	0
	2017	Workshop on Machine Learning for Signal Processing		18/12/2017	22/12/2017	47	0
	2017	Faculty Development program on Bio-entrepreneurship		10/07/2017	15/07/2017	20	0
	2017	Short Term Course on Social and		24/07/2018	28/07/2018	48	0

2017	Workshop on Entrepreneurship Skills		01/08/2017	06/08/2017	18	0
2017	International Conference on Contemporary Computing 2017		10/08/2017	12/08/2018	133	0
2017	Workshop on Communication Systems and Signal Processing		01/09/2017	02/09/2018	36	0
2017	Workshop onFuture Directions for JBS		02/09/2017	02/09/2017	20	0
2017	Short Term Course on Data Mining and Business Intelligence		04/09/2017	08/09/2017	30	0
2017	International Workshop on Useful Mathematical and Statistical Software Tools for Engineering Applications		08/09/2017	09/09/2017	54	0
2017	Workshop on Commodity markets in India		09/10/2017	09/10/2017	90	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 *(For details refer to Annexure II_ 6.3.3)*

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

Short Term Course on Social and Professional Skills	48	24/07/2017	28/07/2017	05
Workshop on Entrepreneurship Skills	18	01/08/2017	06/08/2017	06
Workshop on Machine Learning for Signal Processing	47	18/12/2017	22/12/2017	05
A National Workshop on Competency Development Programme	17	18/06/2018	23/06/2018	06
Training workshop on Lab Assistant	13	25/06/2018	30/06/2018	06
Summer School on Security in Computing	44	25/06/2018	08/07/2018	14
Faculty Development program on Bio-entrepreneurship	20	10/07/2017	15/07/2017	06
FDP on Recent Trends in Signal Processing	37	10/07/2017	15/07/2017	06
FDP on Modelling and Simulation Tools in Electronics and Communication Engineering	8	10/07/2017	15/07/2017	06
FDP on Recent Trends in Engineering Physics	39	12/07/2017	18/07/2017	07
FDP on Qualitative Methods of Social Science Research	35	10/07/2017	15/07/2017	06
FDP on Performance Assessment of Computing	40	10/07/2017	15/07/2017	06

Systems			
FDP on Mathematical Aspects of Image Processing and Computer Vision	41	10/07/2017	15/07/2017	06

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
49		22	

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Institute provides study leave, sabbatical leave, paid leaves, partial financial support for research, medical facilities, medical insurance, EPF, gratuity, LTA, allowances	Institute provides paid Maternity leave, paid leave, medical facilities, medical insurance, EPF, gratuity, LTA, allowances	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.

6.4 – Financial Management and Resource Mobilization

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

External financial audit of JIIT has been carried out every year by authorized auditors. 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

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
No data entered !!!		

6.4.3 – Total corpus fund generated

No data entered !!!

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	No		Yes	IQAC
Administrative	No			Institute

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

No data entered !!!

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 done every year. Institute Administrative Committee looks into overall functioning of the Institute.

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	Strengthening of Audit process	17/07/2017	17/07/2017	17/07/2017	31
2017	Strengthening of Audit process	07/11/2017	07/11/2017	07/11/2017	19
2017	Actions taken on the recommendations of IQAC 2016-17	05/07/2017	05/07/2017	05/07/2017	35
2017	Actions taken on the recommendations of IQAC 2016-17	28/08/2017	28/08/2017	28/08/2017	58
2017	Actions taken on the recommendations of IQAC 2016-17	18/09/2017	18/09/2017	18/09/2017	34
2017	Actions taken on the recommendations of IQAC 2016-17	18/09/2017	18/09/2017	18/09/2017	8
2017	Meeting with BTech students	28/09/2017	28/09/2017	28/09/2018	72

2017	Actions taken on the recommendations of IQAC 2016-17	26/10/2017	26/10/2017	26/10/2017	12
2017	Meeting of Deans and Heads and IQAC members	07/11/2017	07/11/2017	07/11/2017	32
2018	Strengthening of Audit process	04/06/2018	04/06/2018	04/06/2018	21

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

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	Period from	Period To	Number of Participants	
			Female	Male
BTech	09/07/2017	01/12/2017	29	55

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
zero point five percentage

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	7
Provision for lift	Yes	7
Ramp/Rails	Yes	7
Braille Software/facilities	No	
Rest Rooms	Yes	7
Scribes for examination	Yes	
Special skill development for differently abled students	No	
Any other similar facility	No	

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

2017		3	14/08/2017	3	Bring 40 Unprivileged kids to KidZania	education	40
2018		1	08/02/2018	1	Conducted Self Defence Session at Govt. School Asgarpur, Sector 128for Govt. School Kids	Defence Session	55
2018		1	08/02/2018	1	Distributed Clothes, Shoes and Stationary to the needy kids	Distributed	20

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

Title	Date of publication	Follow up(max 100 words)
business ethics and corporate govermanance	30/12/2017	It tells about ethical practices in governance

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
B.tech II YEAR COURSE	19/07/2017	01/12/2017	90

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Use of porous terracotta bricks for external surface, avoidance of use of synthetic paints or heat reflecting glasses, rain water harvesting ,effective waste management, Environmental Studies course across all streams

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices (**For details refer to** *Annexure III_7.2.1*)

E-management For Effectiveness and Transparency Research and Peer Learning as Integral Part of Teaching Learning

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

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

As per the Vision of Jaypee Institute of Information Technology, Noida

To become a Center 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, JIIT has been thriving forward in IT and related areas like Bioinformatics. Numerous research projects are being pursued by the faculty members, with 6 new projects having been started amounting to Rs. 232.7 Lakhs this year and 5 Research and Development projects amounting to Rs. 119.62 Lakhs have been successfully completed this year. 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 witnesses 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.

Provide the weblink of the institution
http://www.jiit.ac.in/IQAC

8.Future Plans of Actions for Next Academic Year

 To further intensify the research efforts of the faculty members in the Institute. Proper motivation and monitoring is required to be undertaken to get more research projects for the Institute. The IQAC Committee has further decided to appoint a Faculty In Charge for this purpose. To initiate Inter departmental collaboration and for this joint supervision could be taken up with the disciplines of ECE, CS, Physics and Mathematics. It has been decided that Dean, Academic and Research would oversee this work. To create a Hub in order to work on the suggestion of Alumni and Parents regarding personality development and inculcating of reading habit amongst students. A dire need to have a feasible and successful mechanism for it is felt by all the members. Dean Students Welfare and Dr Pankaj Yadav, In charge JYC, have been requested to submit the proposal. To popularize MBA programme of JBS, serious efforts will be made. It has been decided that putting up of hoardings of JBS at proper places needs to be ensured apart from students putting in concentrated efforts of popularizing JBS through participation in national International Competitions, just as Engineering Graduation Pogrammes do. Further suggestions are sought in this regard. To continue with the Non Teaching Staff training programmes. To further strengthen Student Entrepreneurship and incubation cell. The responsibility of further strengthening it has been given to Dr Prashant Kaushik and Dr Dharmendra. To consolidate further the Students Counselling and Guidance mechanism through Mentors. To continue with the upgradation and replacement of old PCs and provide for new set up in labs. To update the ERP system. The process has started and will be completed by June, 2020. To ensure further reduction of time taken for clearing of bills of the claims by the Finance department. To make one point of contact at Registry for handling of procedure related issues. To review Institute Facility by Maintenance Department regarding the safety and security measures. To review placing of proper colour coded bins at appropriate places for waste disposal. To further improvise placement drives through proper coordination between Department of TP cell and Dr. Prakash Kumar, Associate Dean of Students and Coordinator, Alumni Cell and through the mechanism of T and P collecting an informal feedback along with formal feedback from the recruiters coming for on campus placement to get their subjective opinion for further enhancement of job opportunities for students. To synchronize the functioning of the two departments of Administration and Facility Management for handling of various complaints.

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	Faculty Development program on Bio-entrepreneurship		10-07-2017	15-07-2017	20	
2017	FDP on Recent Trends in Signal Processing		10-07-2017	15-07-2017	37	
2017	FDP on Modelling and Simulation Tools in Electronics and Communication Engineering		10-07-2017	15-07-2017	08	
2017	FDP on Recent Trends in Engineering Physics		10-07-2017	15-07-2017	39	
2017	FDP on Qualitative Methods of Social Science Research		10-07-2017	15-07-2017	35	
2017	FDP on Performance Assessment of Computing Systems		10-07-2017	15-07-2017	40	
2017	FDP on Mathematical Aspects of Image Processing and Computer Vision		10-07-2017	15-07-2017	41	
2017	Workshop on workshop on Embedded Systems		17-07-2017	18-07-2017	30	
2017	Short Term Course on Social and Professional Skills		24-07-2017	28-07-2017	48	
2017	Workshop on Entrepreneurship Skills		01-08-2017	06-08-2017	18	

2017	International Conference on Contemporary Computing 2017		10-08-2017	12-08-2017	133	
2017		Workshop on FINANCE FOR NON-FINANCE PROFESSIONALS	05-08-2017	05-08-2017		18
2017	Workshop on Communication Systems and Signal Processing		01-09-2017	02-09-2017	36	
2017	Workshop on "Future Directions for JBS"		02-09-2017	02-09-2017	20	
2017	Short Term Course on Data Mining and Business Intelligence (ICT mode)		04-09-2017	08-09-2017	30	
2017	International Workshop on Useful Mathematical and Statistical Software Tools for Engineering Applications		08-09-2017	09-09-2017	54	
2017	Workshop on Commodity markets in India		09-10-2017	09-10-2017	90	
2017	Alumni Workshop on Bridging gap between academia and industry		16-09-2017	16-09-2017	32	
2017	Scilab demonstration (ICT Mode, FOSSEE team, conducted by IIT Bombay)		12-10-2017	12-10-2017	12	
2017		A series of short term course on Employability Skills	6-10-2017, 25-10-2017, 18-11-2017	6-10-2017, 25-10-2017, 18-11-2017	62	
2017	Workshop on "Cervical Cancer"		10-11-2017	10-11-2017	100	
2017	Research Trends in Machine learning and Artificial Intelligence		13-11-2017	13-11-2017	75	

2017	Workshop on Equity trading and investment		13-11-2017	13-11-2017	35	
2017	Seminar on Unboxing Today's Consumers in a Global and Digital Age		17-11-2017	18-11-2017	84	
2017	National Workshop on Computational Intelligence		01-12-2017	02-12-2017	50	
2017	International Conference on Information Technology and Quantitative Management (ITQM-17)		08-12-2017	10-12-2017	165	
2017	Workshop on Goods & Service Tax (GST): Concept & Application		09-12-2017	09-12-2017	47	
2017	International conference on "Recent Advances in Mathematical Sciences and its Applications (RAMSA-2017)"		12-12-2017	14-12-2017	79	
2017	Workshop on Machine Learning for Signal Processing		18-12-2017	22-12-2017	47	
2017	Workshop on' Investment Opportunities for salaried employed'		22-12-2017	22-12-2017	30	
2018	Author workshop on research paper writing		19-01-2018	20-01-2018	117	
2018	National Workshop on Role of Literature and Theatre in creating Gender Sensitivity		19-01-2018	19-01-2018	100	
2018	National Seminar on Role of E-office in improving Policy Making In India		23-01-2018	23-01-2018	150	
2018	National Workshop on Emerging Trends		31-01-2018	31-01-2018	40	

	in Target Identification and Drug Design				
2018	National Seminar on Effect of GST on Business and Economy		31-01-2018	31-01-2018	70	
2018	How to do well in Group Discussions		06-02-2018	06-02-2018	56	
2018	National Seminar on Budget 2018		06-02-2018	06-02-2018	60	
2018	National Seminar on Role of Soft Skills in enhancing Employability		12-03-2018	12-03-2018	100	
2018	National Conference on Advance Materials and Nanotechnology		15-03-2018	17-03-2018	149	
2018	International conference on Signal Processing and Communication		21-03-2018	23-03-2018	72	
2018	National Workshop on Recent Trends in Computational Physics		06-04-2018	07-04-2018	62	
2018	National Workshop on Soft Computing and Language Processing		27-04-2018	28-04-2018	48	
2018	A National Workshop on Competency Development Programme – Multivariate Statistical Techniques for Research		18-06-2018	23-06-2018	17	
2018		Training workshop on Lab Assistant	25-06-2018	30-06-2018		13
2018	Summer School on Security in Computing		25.06.2018	09.06.2018	44	

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
Faculty Development program on Bio-entrepreneurship	20	Jul.10, 2017	Jul. 15, 2017	06
FDP on Recent Trends in Signal Processing	37	Jul.10, 2017	Jul. 15, 2017	06
FDP on Modelling and Simulation Tools in Electronics and Communication Engineering	08	Jul.10, 2017	Jul. 15, 2017	06
FDP on Recent Trends in Engineering Physics	39	Jul.12, 2017	Jul. 18, 2017	07
FDP on Qualitative Methods of Social Science Research	35	Jul.10, 2017	Jul. 15, 2017	06
FDP on Performance Assessment of Computing Systems	40	Jul.10, 2017	Jul. 15, 2017	06
FDP on Mathematical Aspects of Image Processing and Computer Vision	41	Jul.10, 2017	Jul. 15, 2017	06
Short Term Course on Social and Professional Skills	48	Jul.24, 2017	Jul. 28, 2017	05
Workshop on Entrepreneurship Skills	18	Aug.1, 2017	Aug. 6, 2017	06
Workshop on Machine Learning for Signal Processing	47	Dec.18, 2017	Dec. 22, 2017	05
A National Workshop on Competency Development Programme – Multivariate Statistical Techniques for Research	17	Jun.18, 2018	Jun. 23, 2018	06
Training workshop on Lab Assistant	13	Jun. 25, 2018	Jun. 30, 2018	06
Summer School on Security in Computing	44	Jun.25, 2018	Jul. 08, 2018	14

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.

Jaypee Institute of Information Technology
(Declared Deemed to be University under Section 3 of UGC Act, 1956)

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