Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**JAIN DEEMED TO BE UNIVERSITY**
Name of the head of the Institution	**Dr. N. Sundararajan**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08043430405**
Mobile no.	**9845691446**
Registered Email	**vc@jainuniversity.ac.in**
Alternate Email	**sunderarajan2001@yahoo.co.in**
Address	**No 34, 1st cross, adjacent to Bangalore stock exchange, J C Road**
City/Town	**Bengaluru**
State/UT	**Karnataka**
Pincode	**560027**
2. Institutional Status	
University	**Deemed**
Type of Institution	**Co-education**
Location	**Urban**

Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. Asha Rajiv**
Phone no/Alternate Phone no.	**08043430106**
Mobile no.	**9880624363**
Registered Email	**asha.rajiv@jainuniversity.ac.in**
Alternate Email	**ashaarajiv@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	**https://www.jainuniversity.ac.in/Internal-Quality-Assurance-Cell.php**
4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	**https://www.jainuniversity.ac.in/calendar-of-JU-events.php**

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	**Period To**
1	**A**	**3.31**	**2017**	**19-Jul-2017**	**18-Jul-2019**

6. Date of Establishment of IQAC	**19-Dec-2009**

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
Awareness workshop for Non-Accredited Colleges	14-Feb-2019 2	180
Awareness workshop for all the Schools of (Jain Deemed to be University) on Revised Accredited framework	18-Jul-2018 6	120
Mock Peer Team Visits	19-Aug-2019 3	74
Yearly Audit of Schools according to NAAC Criteria	20-Aug-2019 6	35
FDP	06-Sep-2018 8	130
MDP	18-Aug-2018 1	120
SDP	05-Feb-2018 5	75

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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
No Data Entered/Not Applicable!!!				

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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 :	12
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?	Yes
If yes, mention the amount	100000
Year	2019

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

1 State level Awareness Workshop for Non Accredited colleges in collaboration with UGC 2 Participation in QS BRICS Ranking: 351 – 400 Band 3 ISO 9001:2015 certification by TUV NORD 4 Participation in NIRF Ranking 201819 : Overall – 151200 Engineering – 115 Management – 76100 5 Regular meeting of Internal Quality Assurance Cell

(IQAC) timely submission of Annual Quality Assurance Report (AQAR) to NAAC Feedback from all stakeholders collected, analyzed and used for improvements. 6 Hand holding to Non accredited / accredited colleges for applying to NAAC for accreditation. 7 Yearly Internal audit of all schools. 8 Biannual Internal audit of Administration Examination System.

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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
Developmental Programmes	• Orientation Programme for students • Counselling session for students • Faculty Participation in workshops, conferences, seminars and poster presentations • Women cell activities • Complementary Health Check-up camps • Gender sensitization programmes. • Regular meetings of Quality cells of the schools • Skill Development programmes for Research Scholars
Preparation towards Accreditation/ Certification	• Certified ISO 9001:2015 by TUV NORD • Preparation towards ISO Certification for Engineering & MBA programmes • Work in progress for NBA accreditation
Awareness Programmes	• State level Awareness Workshop for Non Accredited colleges in collaboration with NAAC UGC • Awareness and Mock NAAC PTV for colleges who are applying for Accreditation
Documentation towards ranking Surveys	• Participation in QS BRICS Ranking: 351 – 400 Band • Participation in NIRF Ranking 2018-19 : Overall – 151-200, Engineering – 115, Management – 76-100 • MBA program of CMS Business School has been graded 'A' at National Level and 'A star' at State level by

	CRISIL Business School Grading. • Awarded by Ed Tech Review Awards for the best excellence and innovation in Engineering. • UNAI stating Jain University is the member of UNAI
Fulfilling Social responsibilities	• Blood donation programmes • Cleanliness drive with regard to Swacch Baharat Pakwada • Swachh Bharat Abhiyan programme • Mental Awareness programme • Crime Prevention rally • Celebration of World Environment Day • Yoga day Celebrations • Outreach activities through NSS,NCC and Rotaract Club • Adoption of villages
Placement and Orientation programmes for Students	• Improvement in placements • Networking with more number of potential employers • Pre placement training. • Workshop on etiquettes & mannerism

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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Academic Council and Board of Management	05-Oct-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	17-Jul-2018
16. Whether institutional data	Yes

submitted to AISHE:	
Year of Submission	**2016**
Date of Submission	**15-Jun-2016**
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)	**Management information system (MIS) is an information system used by the University for decision making, and for the coordination, control, analysis and visualization of information of all the schools. MIS is a central data repository capable of not only gathering and storing data but also analyzing it and generating reports from it. Overall it helps in managing time and resources and thus assists in efficient functioning. The University has an own tailor made efficient MIS which works in close coordination with IQAC. Each school and cells of the University collates the information about the achievements of the faculty and students of its campus and sends it to the office of Registrar by 5th of every month. The Heads of the Department present the MIS in front of the Directors of the respective schools before sending the MIS to the office of the Registrar. The office collates the information and mails the information to the IQAC where the information is compiled under different heads. MIS consists of 39 questions which covers the following parameters: • Faculty Members newly joined/ resigned / left • Addition/Up gradation of qualifications by the Faculty members • ICT enabled teaching/learning – initiatives • Honors/Awards/Recognitions received by Faculty members • Faculty members invited for BOS/ BoE • Initiative**

	towards Faculty Development Programme (FDP) • National / International Conference — Workshops organized • Paper Presented at National / International Conference / Workshops • Details of Research Papers published in National/ International Journals • Faculty members deputed / attended National / International Conference / Workshops • Guest Lectures Organized / delivered by Faculty Members • Additional Equipment procured during the monthList only Equipment costing Rs.5,000/ and above, other than Personal Computers • Project proposals submitted to external Agencies like DBT, DST, DRDO, CSIR and the like • Project sanctioned by external agencies during the month • Consultancy projects proposed • In House projects funded by the Jain University Implemented • Patents registered • Syllabus completion • Students Attendance • Entrepreneurship — Promotional activities • Students participation in Conference / Workshops • Study Tour / Field Tour • Student Achievements / Extension Activities • Library procurement National International Journals subscribed • Library/Learning resources acquired • MoU's / Collaborations entered into with other organizations • Industry Collaboration • Collaborative Research Programme proposed with other Organizations, other than MoU's • Placements All the above information needs to be substantiated with a soft copy . This information is collated by the IQAC and documented under different heads. The framework provides indepth insights and statistics on all aspects of individual, group and institutional performance. The collated information helps in using the data for applying for NIRF, ranking agencies as well as for the submission of AQAR. University also uses ERP to devise strategic interventions based on data. Also a meeting is convened by the Hon. Vice Chancellor and Registrar of the University once in six months with the

	Deans, Directors and Heads of the departments of various Schools to review the performance.

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	Programme Specialization	Date of Revision
MBA	MBA MMKT MBA MFIN MBA MHRM MBA MMAF MBA MMAH MBA MFAH	Single specialization in : Marketing / Finance / Human Resource Management	18/06/2018
MMS	MMS IB	International Business	11/04/2018
MMS	MMS BA	Business Analytics	11/04/2018
MPA	MPA DAN	Dance	27/03/2018
MPA	MPA MUS	Music	11/03/2018
MA	MA ECO	Economics	01/06/2018
MA	MA MC	Journalism & Mass Communication	27/03/2018
MA	MA ENG	English	26/03/2018
Mtech	MTECH MASD	Aerospace Structures and Design	12/06/2018
Mtech	MTECH MTAV	Avionics	12/06/2018
Mtech	MTECH MADE	Aerodynamic Engineering	12/06/2018
Mtech	MTECH MTCSE	Computer Science & Engineering	07/06/2018
Mtech	MTECH MAPT	Aerospace Propulsion Technology	12/06/2018
Mtech	MTECH MTFT	Food Technology	18/06/2018
BTech	BTECH EC	Electronics Communication Engineering	18/06/2019
BTech	BTECH CS	Computer Science & Engineering	07/06/2019

BTech	BTECH IS	Information Science & Engineering	07/06/2019
BTech	BTECH ME	Mechanical Engineering	18/06/2018
BTech	BTECH EE	Electrical & Electronics Engineering	04/06/2018
BTech	BTECH CE	Civil Engineering	18/06/2018
BTech	BTECH AE	Aerospace Engineering	12/06/2018
BTech	BTECH CTCTIS	Computer Technology	08/06/2019
BTech	BTECH CEMACT	Computer Engineering	08/06/2019
BTech	BTECH CSDS	Computer Science	08/06/2019
BTech	BTECH SEIOT	Computer Science & Systems Engineering	08/06/2019
MSc	MSC PHY	Physics	02/04/2018
MSc	MSC BT	Biotechnology	04/04/2018
MSc	MSC MB	Microbiology	26/03/2018
MSc	MSC BC	Biochemistry	05/04/2018
MSc	MSC PSY	Psychology	26/03/2018
MSc	MSC IT	Information Technology	10/04/2018
MSc	MSC FS	Forensic Science	04/02/2018
MSc	MSC ANI	Animation	10/04/2018
MSc	MSC CHE	Chemistry	05/04/2018
MSc	MSCC MSCC	Clinical Research	11/04/2018
MCA	MCA MCA	Master of Computer Applications	20/06/2018
MCA	MCA ISMS	Information Security Management Services	20/06/2018
MCA	MCA IMS	Infrastructure Management Services in IT	20/06/2018
MCA	MCA SCT	Storage and Cloud Technology	20/06/2018
MCom	MCOM MCOM	[i] Banking, Finance & Insurance and [ii] Business Studies	11/04/2018
MCom	MCOM MCOMFA	Financial Analysis	11/04/2018

| MBA | MBAAAI MBAAM | Aviation Management | 18/06/2018 |

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

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Software Engineering	30/07/2018	BTECH SE	30/07/2018
BTech	Computer Science & Technology	30/07/2018	BTECH CTAI	30/07/2018
BTech	Automobile Engineering	30/07/2018	BTECH AUTO	30/07/2018
BTech	Robotics and Automation	30/07/2018	BTECH ROAU	30/07/2018
BTech	Aeronautical Engineering	30/07/2018	BTECH ANE	30/07/2018
BSc	Renewable Energy, Physics & Computer Science	28/05/2018	BSC RPCS	28/05/2018
BSc	Biochemistry, Genetics & Biotechnology	28/05/2018	BSC BCGBT	28/05/2018
BSc	BSCH DSA	28/05/2018	BSCH DSA	28/05/2018
BSc	Gaming	28/05/2018	BSC BSCG	28/05/2018
BSc	Product Design / Interaction Design / Transportation Design	28/05/2018	BSC PD / BSC ID / BSC TD	28/05/2018

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BMS	Digital Business	06/09/2018
BA	Economics	28/05/2018

BA	Music	09/10/2018
Mtech	Cyber Security	16/08/2018
Mtech	Data Sciences	16/08/2018
Mtech	Energy and Environmental Management	16/08/2018
Mtech	Structural Engineering	16/08/2018
Mtech	Embedded Systems Technologies	16/08/2018
MBA	Sports Management	06/09/2018
MBA	Luxury Management	06/09/2018
MBA	Banking Finance & Allied Services	05/07/2018
MBA	International Finance & Accounting	05/07/2018
LLM	Constitutional Governance and Administrative Process / Corporate and Commercial Law / Criminal Law Criminology and Criminal Justice Administration	10/10/2018
PG Diploma	Information Technology with specialization in Big Data / Cyber Security / Cloud Technology with IoT	02/07/2018
BTech	Software Engineering	30/07/2018
BTech	Computer Science & Technology	30/07/2018
BTech	Automobile Engineering	30/07/2018
BTech	Robotics and Automation	30/07/2018
BTech	Aeronautical Engineering	30/07/2018
BSc	Data Science and Analytics	28/05/2018
BSc	Gaming	28/05/2018
BSc	Product Design / Interaction Design / Transportation Design	06/09/2018
BSc	Graphics and VFX	16/08/2018
BCom	Corporate Finance	28/05/2018
BMS	Strategy & Leadership	28/05/2018
BMS	International Marketing	28/05/2018

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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	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Robotics and Automation	30/07/2018
BTech	Aeronautical Engineering	30/07/2018
BSc	Renewable Energy, Physics & Computer Science	28/05/2018
BSc	Biochemistry, Genetics & Biotechnology	28/05/2018
BSc	Data Science and Analytics	28/05/2019
BSc	Gaming	28/05/2018
BSc	Product Design / Interaction Design / Transportation Design	28/05/2018
BSc	Graphics and VFX	28/05/2018
BCom	Corporate Finance	28/05/2018
BMS	Strategy & Leadership	28/05/2018
BMS	International Marketing	28/05/2018
BMS	Digital Business	28/05/2018
BA	Economics	28/05/2018
BA	Music	28/05/2018
Mtech	Aerospace Structures and Design	16/08/2018
Mtech	Avionics	16/08/2018
Mtech	Aerodynamic Engineering	16/08/2018
Mtech	Computer Science & Engineering	16/08/2018
Mtech	Aerospace Propulsion Technology	16/08/2018
Mtech	Food Technology	16/08/2018
Mtech	Cyber Security	16/08/2018
Mtech	Data Sciences	16/08/2018
Mtech	Energy and Environmental Management	16/08/2018
Mtech	Structural Engineering	16/08/2018
Mtech	Embedded Systems Technologies	16/08/2018
MSc	Physics	02/07/2018
MSc	Biotechnology	02/07/2018

MSc	Microbiology	02/07/2018
MSc	Biochemistry	02/07/2018
MSc	Psychology	02/07/2018
MCA	Information Technology	02/07/2018
MCA	Master of Computer Applications	02/07/2018
MSc	Forensic Science	02/07/2018
MSc	Animation	02/07/2018
MSc	Chemistry	02/07/2018
MCA	Information Security Management Services	02/07/2018
MCA	Infrastructure Management Services in IT	02/07/2018
MCA	Storage and Cloud Technology	02/07/2018
MSc	Clinical Research	02/07/2018
MCom	[i] Banking, Finance & Insurance and [ii] Business Studies	02/07/2018
MCom	Financial Analysis	02/07/2018
MPA	Dance	02/07/2018
MPA	Music	02/07/2018
MA	Economics	02/07/2018
MA	Journalism & Mass Communication	02/07/2018
MA	English	02/07/2018
MMS	International Business	02/07/2018
MBA	"(Single specialization in : Marketing / Finance / Human Resource Management. Dual specialization in : Marketing & Finance, Marketing & Human Resource Management and Finance & Human Resource Management)"	05/04/2018
MBA	Entrepreneurship	05/04/2018
BTech	Software Engineering	30/07/2018
BTech	Computer Science & Technology	30/07/2018
BTech	Automobile Engineering	30/07/2018
MBA	Aviation Management	05/04/2018
MBA	Sports Management	05/04/2018
MBA	Luxury Management	05/04/2018

MBA	Banking Finance & Allied Services	05/04/2018

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
Certification in Event Management	21/08/2018	75
Certification in Family Managed Business	03/09/2018	20
Certification in HRM	08/09/2018	50
Professional Certificate in Marketing	12/09/2018	60
Certified Program in Chartered Institute for Securities Investment	19/09/2018	8
Certified Program in Fellow Chartered Financial Practitioner Program	22/09/2018	9
Certified Program in Society of Human Resource Management	26/09/2018	9
Certification in Fundamentals of Digital Marketing	02/11/2018	22
Certification in Foundation in Capital Markets	07/11/2018	45
Certification in Fundamental Analysis	10/11/2018	32
Certification in Strategic Brand Management	13/11/2018	12
Certification in Organizational Behaviour	20/11/2018	9
Certification in Consumer Behaviour	24/11/2018	15
Certification in E Commerce	28/11/2018	35
Certification in Private Banking	04/01/2019	22
Certification in Managerial Accounting	10/01/2019	17
Certification in Taxation	17/01/2019	15

Certification in Business Communication	21/01/2019	12
Certification in Corporate Communication	24/01/2019	32
Certification in Cost Accounting	29/01/2019	41
Certification in Financial Modeling	06/02/2019	21
Certification in GST	15/02/2019	35
Certification in Tally	19/02/2019	14
Certification in Advertising Management	22/02/2019	62
Certification in Export Import Documentation	25/02/2019	36
Certification in Cyber Security	28/02/2019	46
Ceritifcation in Big Data Analytics with Hadoop 1	05/03/2019	31
Certification in Python	14/03/2019	18
Intermediate Level Certification in IOT	20/03/2019	56
Intermediate Level Certification in Machine Learning AI	25/03/2019	48
Intermediate Level Certification in Mobile Application	28/03/2019	47
Intermediate Level Certification in Cloud Technology	03/06/2019	32
Intermediate Level Certification in Big Data	13/06/2019	23
Foundation Level Certification in Machine Learning AI	25/07/2019	47
Foundation Level Certification in Machine Learning AI	24/06/2019	35
Foundation Level Certification in Mobile Application	27/06/2019	23
Foundation Level Certification in Cloud Technology	15/07/2019	34
Foundation Level Certification in Big Data	22/07/2019	21
Certification in Cyber Forensics	25/07/2019	75
Certified Fraud Examiner	29/07/2019	45

Certification in Entrepreneurship	31/07/2019	12
Certified Program in Entrepreneurship Business Management	03/01/2018	44
KPMG Certified Accounting Professional	02/02/2018	120
KPMG Certified International Accounting Professional	13/01/2018	40
Certified Program in Banking Finance	19/01/2018	27
Certified Program in General Management	24/01/2018	138
Certified Program in Capital Markets	30/01/2018	9
Certification in Unmanned Ariel Vehicle (UAV) Designer	02/02/2018	80
Certification in Fire Safety Building Technologist	05/02/2018	141
Certification in Computer Network Designer	09/02/2018	132
Certification in Amazon Web Services	14/02/2018	30
Certified Ethical Hacker	20/02/2018	30
Certification in Google Mobile Web	02/03/2018	30
Certification in OSI Layer Security Protocol	07/03/2018	31
Advanced Certification in IOT	12/03/2018	32
Advanced Certification in Machine Learning AI	16/03/2018	28
Advanced Certification in Mobile Application	21/03/2018	22
Advanced Certification in Cloud Technology	27/03/2018	26
Certification in Devops	02/05/2018	57
Advanced Certification in Big Data	04/05/2018	34
Certification in Software Testing	04/05/2018	45
Certification in Embedded Systems Designer	08/05/2018	212

Certification in Power Systems Automation Analyst	19/05/2018	61
Certification in Materials Analyst	01/08/2018	65
Certification in Writing	04/08/2018	8
Certification in Radio Actives Art	04/08/2018	6
Certification in Personality Development Inter Personal Skills	10/08/2018	11
Entrepreneurship Certificate Program	17/08/2018	135

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
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BSc	B Sc Life Science	1

BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	B Sc Life Science	1
BSc	Forensic Science	4
BSc	Forensic Science	1
BSc	Forensic Science	5
BSc	Forensic Science	1
BSc	Forensic Science	1
BSc	Forensic Science	1
BSc	Forensic Science	1
BSc	Forensic Science	2
BSc	Forensic Science	5
BSc	Forensic Science	1
BSc	Forensic Science	3
BSc	Forensic Science	2
BSc	Forensic Science	1
BSc	Forensic Science	1
BSc	Forensic Science	1
BSc	Forensic Science	2
BSc	Forensic Science	2
BSc	Forensic Science	1
BSc	Forensic Science	1
BSc	Forensic Science	2
BSc	Forensic Science	2
BSc	Forensic Science	4
BSc	Forensic Science	1
BSc	Forensic Science	1
BSc	Forensic Science	1
BSc	Forensic Science	2
BSc	Forensic Science	2
BSc	Forensic Science	1
BSc	Forensic Science	1
BSc	Forensic Science	1
BSc	Forensic Science	1
BSc	Forensic Science	1

BSc	Forensic Science	2
BSc	Forensic Science	1
BSc	Forensic Science	6
BSc	Interior design	115
BA	B.A (OPJ & PSE)	5
BBA	Bachelor of Business Administration	742
BTech	Mechanical Engineering	54
BTech	Aerospace Engineering	6
BTech	Information science & Engineering	16
BTech	Computer science & Engineering	27
BTech	Civil Engineering	12
BTech	Electronics and communication	29
BTech	Electrical & Electronics	6
MA	PG Economics	2
MSc	Clinical. Counseling, Industrial Psychology (MSc Psychology)	45
MSc	MSc Microbiology	3
MSc	MSc Microbiology	2
MSc	MSc Microbiology	7
MSc	M.Sc. Biotechnology	1
MSc	M.Sc. Biotechnology	2
MSc	M.Sc. Biotechnology	1
MSc	M.Sc. Biotechnology	2
MSc	M.Sc. Biotechnology	2
MSc	M.Sc. Biotechnology	1
MSc	MSc Biochemistry	10
MSc	MSc Biochemistry	1
MSc	MSc Physics	1
MBA	Organisational Study (OS)	562
MBA	Core Finance (CF)	116
MBA	Core Marketing (CM)	111

MBA	Core HRM (CHR)	31
MBA	Marketing Finance (MF)	121
MBA	Marketing HRM (MHR)	74
MBA	Finance HRM (FHRM)	29
MBA	Banking, Finance & Allied Services (BFAS)	26
MBA	International Finance & Accounting (IFA)	54
PG Diploma	PG diploma of Psychological Counseling	16
PG Diploma	PG diploma of Sports Psychology	10

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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 University has a well structured feedback mechanism. The Internal Quality Assurance Cell (IQAC) has a well defined and tested procedure to get feedback about the courses/programmes and the constructive feedback is used to introduce new courses and modify the existing ones. IQAC monitors and ensures the smooth functioning of the academic delivery mechanism through feedback on teachinglearning, course assessment and exit questionnaire and analysis the same for improving the teaching – learning process. The comments given by the evaluation team not only helps in achieving the objectives but also helps in modification of the syllabi. For the analysis of student feedback in house software has been designed it and the frequency response chart in the form of bar diagram in generated and given to individual teachers along with the performance

appraisal. Outgoing students give their feedback about curriculum duly analyzed by IQAC. The feedback mechanism of the University has been reviewed and found satisfactory by TUV Nord for ISO Certification. FACULTY: A well defined mechanism has been developed to obtain feedback from all students. The IQAC of the University plays an active role in developing, sustaining, improving and enhancing the quality parameters. The feedback is taken twice in an academic year. One at the beginning of the semester and the other at the end of the academic session. The IQAC has taken the responsibility of collating, processing and analyzing the student feedback once it is collected. A faculty member is evaluated on twelve parameters on a seven point scale. The frequency of response for the various parameters of each faculty is identified, and observations are made by the Director of each centre. A comparative analysis of the feedback based on the previous feedback is also sent by the Directors. The feedback and evaluation is communicated to the respective faculty members. The faculty members are informed about the areas of concern to help them improve in their performance. During the academic period 201819, the IQAC has processed a total of 16,810 student feedback forms. The average rating of teachers range from a minimum of 4 to a maximum of 7. Faculty improvement Programme is organized for faculty members rated below 4. PARENTS: Parents –Teacher Meetings are regularly conducted for the parents where they are apprised of the academic progress of their wards and also of issues relating to the students. Besides, the progress reports are sent to them through emails, SMS and conventional mails. Informal feedback is taken by the heads of the departments and Director of the campus and measures are taken for improvement. ALUMNI: Alumni actively participate in various activities and provide valuable inputs. Some of the ways in which they are engaged with the University are by delivering guest lectures, providing internship guidance and sharing constant updates on new developments in the industry allied fields. EMPLOYERS: Feedback is taken from the potential employers on a regular basis and the University organizes periodical networking sessions to ensure that the employers see themselves as partners in student development rather

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
PG Diploma	PG Diploma in Sports Psychology	10	25	14
PG Diploma	PG Diploma in Information Technology	20	35	20
Mtech	M.Tech. (Aerospace Propulsion Technology)	9	9	4
Mtech	M.Tech (Avionics)	9	8	4
Mtech	M.Tech (Aerospace Structures and Design)	9	12	5
Mtech	M.Tech (Aerodynamic Engineering)	9	10	5
Mtech	M.Tech (Computer Science & Engineering)	18	9	4
Mtech	M.Tech. (Civil Engineering - Construction Technology)	19	2	0
Mtech	M.Tech. (Food Technology)	27	35	26
Mtech	M.Tech. (Energy and Environmental Management)	18	8	5
Mtech	M.Tech. (Thermal Engineering)	18	3	0
Mtech	M.Tech. (Embedded Systems Technologies)	18	5	3
Mtech	M.Tech. (Cyber Security)	18	9	4
Mtech	M.Tech. (Data Sciences)	18	8	4
Mtech	M.Tech. (Intelligent Systems)	18	2	0
Mtech	M.Tech. (Artificial Intelligence)	18	2	0
Mtech	M.Tech. (Materials Engineering)	18	3	0
Mtech	M.Tech. (Nano Technology)	18	2	0
Mtech	M.Tech. (Civil Engineering - Structural Engineering)	18	20	10

Mtech	M.Tech. (Town and Country Planning)	18	3	0
Mtech	M.Tech. (Industrial Automation and Robotics)	18	3	0
Mtech	M.Tech. (Communication Systems)	18	2	0
LLM	LLM	30	55	30
BCom	(Marketing / Finance / Accounting / Finance and Actuarial Studies / Global Business Services / Financial Markets)	520	1724	508
BCom	B.Com(Honours) in Risk Management	30	114	38
BCom	B.Com (Honours) in International Finance and Accounting	140	405	135
BCom	B.Com (Honours) Specilization : 'Accounting / Finance'	90	198	66
BCom	B.Com (Honours) in Global Accounting Practices	20	5	0
BCom	B.Com (Honours) in Logistics & Supply Chain Management	20	63	21
BCom	B.Com (Hons) in Corporate Finance	20	35	12
BBA	Bachelor of Business Administration	850	2508	836
BMS	BMS (International Business)	120	289	102
BMS	BMS (Financial Services)	40	145	47
BMS	BMS (Tourism and Hospitality Management)	60	160	50
BMS	BMS(International Marketing	60	210	70
BMS	BMS (International Finance)	60	165	58
BMS	BMS (Aviation Management)	60	145	49
BMS	BMS (Strategy & Leadership)	60	195	65

BSc	B.Sc. (Animation)	90	267	95
BA	BA (Journalism & Mass Communication)	90	158	89
BA	BA (OPJ - Optional English, Psychology, Journalism)	150	236	118
BA	BA (PSE - Psychology, Sociology, Economics)	60	120	61
BA	B.A (Hons) in Economics	30	45	20
BA	BA (Honours) in Music	10	15	7
BCA	Bachelor of Computer Application (BCA)	45	90	44
BCA	BCA (Cloud Technology and Information Security)	60	120	65
BCA	BCA (Information Security and Mobile Applications)	60	95	46
BCA	BCA (Data Analytics)	60	110	56
BCA	BCA (Mobile Applications and Cloud Technology)	60	65	57
BCA	BCA (Internet of Things and Services)	60	110	56
BSc	B.Sc. (Life Sciences) (CMBt — Chemistry, Microbiology, Biotechnology)	60	92	48
BSc	B.Sc. (Life Sciences)BcGBt – Biochemistry, Genetics & Biotechnology)	60	142	71
BSc	B.Sc. (Physical Sciences) (PMCs - Physics, Mathematics & Computer Science)	60	102	56
BSc	B.Sc. (Physical Sciences) (RPCs — Renewable Energy, Physics & Computer Science)	30	48	26
BSc	B.Sc. (Forensic Science)	150	195	144
BSc	B.Sc. (Hons.) in Forensic Science	150	200	155

BSc	B.Sc. (Digital Film making)	30	75	35
BSc	B.Sc. (Clinical Research)	20	15	6
BSc	B.Sc (Gaming)	30	35	23
BSc	B.Sc. (Interior Design)	120	155	135
BSc	B.Sc. (Design) with specialization in Product Design / Interaction Design / Transportation Design	30	36	22
BSc	B.Sc. (Graphics and VFX)	60	68	43
BTech	B.Tech. (Aerospace Engineering)	120	210	70
BTech	B.Tech. (Civil Engineering)	60	95	31
BTech	B.Tech. (Electronics & Communication Engineering)	120	285	95
BTech	B.Tech. (Electrical & Electronics Engineering)	60	45	15
BTech	B.Tech. (Information Science & Engineering)	60	215	66
BTech	B.Tech. (Mechanical Engineering)	60	159	53
BTech	B.Tech. (Computer Science & Engineering)	120	250	111
BTech	B.Tech. (Computer Engineering) with specialization in Mobile Applications and Cloud Technology	60	115	52
BTech	B.Tech. (Computer Technology) with specialization in Cloud Technology and Information Security	60	100	59
BTech	B.Tech (Hons.) in Computer Science with Specialisation in Data Science	60	95	58

BTech	B.Tech (Computer Science & System Engineering) with Specialisation in Internet of Things	60	75	55
BTech	B.Tech. (Software Engineering)	60	45	35
BTech	B.Tech. (Computer Science & Technology) with specialization in Artificial Intelligence	60	120	64
BTech	B.Tech. (Metallurgical and Materials Engineering)	60	2	0
BTech	B.Tech. (Nano Technology)	60	3	0
BTech	B.Tech. (Automobile Engineering)	60	25	17
BTech	B.Tech. (Construction Planning & Management)	60	2	0
BTech	B.Tech. (Infrastructure Engineering)	60	3	0
BTech	B.Tech. (Robotics and Automation)	60	64	31
BTech	B.Tech. (Aeronautical Engineering)	60	124	53
BTech	B.Tech Lateral	120	125	93
MSc	M.Sc (Physics) Specialization : Material Science / Electronics	20	35	18
MSc	M.Sc (Biotechnology)	40	49	33
MSc	M.Sc (Microbiology)	20	37	26
MSc	M.Sc (Biochemistry)	20	29	11
MSc	M.Sc (Chemistry)	20	27	13
MSc	M.Sc (Animation)	20	24	12
MSc	M.Sc (Forensic Science)	75	200	79
MSc	M.Sc (Psychology)	90	150	77
MSc	M.Sc in Information Technology	20	35	15
MSc	M.Sc (Clinical Research)	15	30	15
MCom	M.Com (Financial Analysis)	40	65	42

MCom	M.Com	40	65	33
MMS	MMS (International Business)	20	30	19
MMS	MMS (Business Analytics)	10	15	10
MA	MA (Economics)	20	15	7
MA	MA (Journalism & Mass Communication)	40	45	35
MPA	MPA (Music) in Karnatak & Hindustani	10	10	5
MPA	MPA (Dance) in Bharatanatyam	10	35	16
MA	MA (English)	30	60	30
MCA	Master of Computer Applications (MCA)	50	35	26
MCA	MCA (Information Security Management Services)	60	55	36
MCA	MCA (Infrastructure Management Services in IT)	10	2	0
MCA	MCA (Storage and Cloud Technology)	60	75	41
MBA	"MBA single specialization in : Marketing / Finance / Human Resource Management dual specialization in : Marketing & Finance, Marketing & Human Resource Management and Finance & Human Resource Management"	540	1790	486
MBA	MBA (Banking Finance & Allied Services)	60	65	26
MBA	MBA (International Financial and Accounting)	60	130	54
MBA	MBA (Aviation Management)	60	115	60
MBA	MBA (Entrepreneurship)	60	31	10
MBA	MBA (Sports Management)	60	55	25
MBA	MBA (Luxury Management)	60	20	9

MBA	MBA (Hospitality Management)	60	2	0
MBA	MBA (Digital Business)	60	2	0
MBA	MBA(WP)	300	210	143
PG Diploma	PG Diploma in Psychological Counselling	15	38	16

View File

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	12078	3146	608	263	182

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
871	871	14	273	88	4

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

The University has a good "Student Mentoring" system in place, where each faculty is in charge of 20 students. The University believes in a structured process for mentoring. At the beginning of the academic session, the students are informed about their mentors. .Each student is made to fill a form which contains all the personal and academic details. The mentor takes counseling sessions for the students, with respect to academics, personal issues, career and emotional issues and helps in their overall development. Participation in activities and prizes won are documented, General Health condition and major Health Issues if any are also discussed. The mentor also discusses with the student curricular, cocurricular and extracurricular activities. Performance in academics and attendance are given major focus. Suggestions are given for improvement. A comparative analysis is made in the next meeting to note the progress or otherwise. One of the important focus areas of IQAC is to undertake the result analysis of every discipline after the declaration of the results of the term end examination. There has been an incremental growth in the academic performance of students from socially challenged sections. As a result of the measures adopted for improvisation of the academic performance, it has been found that

there is a marked difference in the performance at the entry and exit level of the students. It has been observed that these students have fared better after joining the University in their academic performance. The mentors are responsible for academic progress and psychological wellbeing of their mentees. The mentors maintain the details of each individual mentee .They also maintain record of their class attendance, class performance and academic progress. The mentors use both formal and informal means of mentoring. The mentor system, apart from its formal part, also exists as a robust informal mechanism to boost inclusiveness, gender sensitivity and social responsibility of students. MBA students under the mentorship of faculty develop case studies of incubated companies. Mentorship has led to a positive impact on the students. It has been found that the students have gained overall confidence, personal insight and understanding and improved communication and leadership skills.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
15224	871	1:17

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
900	871	29	66	332

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. SUNIL BHAT	Associate Professor	"LIFE TIME ACHIEVEMENT AWARD", FROM THE INTERNATIONAL RESEARCH AWARDS ON ENGINEERING, SCIENCE AND MANAGEMENT, ORGANIZED BY INTERNATIONAL ORGANIZATION OF SCIENTIFIC RESEARCH AND DEVELOPMENT, HELD AT VISHAKAPATNAM
2018	DR. NAVEEN S	Associate Professor	"BEST RESEARCHER" AWARD FROM THE NATIONAL CONFERENCE ON MATERIALS AND COMPUTATIONAL INTELLIGENCE (RSRI CMCI 2018)' HELD AT

			SHREE RAYESHWAR INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY (SRIEIT), SHIRODA
2018	MS. DEEPA T.P	Assistant Professor	"EXCELLENCE TEACHING IN HIGHER EDUCATION AWARD", FROM DK INTERNATIONAL RESEARCH FOUNDATION
2018	DR. SHWETA GUPTA	Associate Professor	"IARDO AWARD FOR OUTSTANDING ENGINEER 2018", FROM IARDO IN ASSOCIATION WITH GURUKUL INSTITUTE OF ENGINEERING AND TECHNOLOGY, KOTA
2018	DR. A.V.RAGHU	Professor	"OUTSTANDING SCIENTIST AWARD", FROM INTERNATIONAL ORGANIZATION OF SCIENTIFIC RESEARCH DEVELOPMENT (IOSRD) – INTERNATIONAL RESEARCH AWARDS ON ENGINEERING, SCIENCE AND MANAGEMENT
2018	MS. R. APARNA	Assistant Professor	"AWARD FOR SCIENTIFIC PAPER", FROM THE INDIAN ASSOCIATION OF MEDICOLEGAL EXPERTS, IAMLE 2018, AT THE 9TH INTERNATIONAL CONFERENCE, HELD AT DR. D.Y.PATIL MEDICAL COLLEGE, HOSPITAL AND RESEARCH CENTER, PIMPRI, PUNE
2018	MS CHARITHA B.P	Assistant Professor	"CERTIFICATE OF PRAISE", FROM PUBLICATION AND RESEARCH AWARD INCENTIVE FOR STUDENTS TO EXCEL, INSTITUTED BY MANIPAL ACADEMY OF HIGHER EDUCATION, MANIPAL, FOR HER CONTRIBUTION IN THE FIELD OF RESEARCH IN CHEMISTRY
2018	DR. G. KOMARASAMY	Associate Professor	"CERTIFICATE OF RECOGNITION", FROM ACS PUBLICATIONS, FOR REVIEWING ACTIVITY IN 2018.

2018	MS PREETI BIRWAL	Assistant Professor	"CERTIFICATE OF RECOGNITION", IN RECOGNITION OF EXCELLENT CONTRIBUTION TO CURRENT RESEARCH IN NUTRITION AND FOOD SCIENCE JOURNAL AS REVIEWER FOR THE YEAR 201819
2018	MR. P. SREENATH	Assistant Professor	"TRIGGERING OF FLOW INSTABILITIES BY SIMULATED SUB/SUPERCRITICAL RAYLEIGH HEAT ADDITION IN AN AERO GAS TURBINE AFTERBURNER", AT THE 2ND NATIONAL AERO PROPULSION CONFERENCE – NAPC2018, HELD AT IITKHARAGPUR,
2019	DR. G. KOMARASAMY	Associate Professor	"RESEARCH EXCELLENCE AWARD" FROM INSTITUTE OF SCHOLARS (INSC)
2019	DR. NARAYANA SWAMY RAMAIAH	Professor	DISTINGUISHED PROFESSOR
2019	DR. YOGESH KUMAR K	Assistant Professor	"RESEARCH EXCELLENCE AWARD" FROM INSTITUTE OF SCHOLARS (INSC)
2019	DR. ADARSHA H	Associate Professor	"ADARSH VIDYA SARASWATI RASHTRIYA PURASKAR", FROM GLOBAL MANAGEMENT COUNCIL, AHMEDABAD
2019	DR. ADARSHA H	Associate Professor	"LETTER OF RECOGNITION", BY GLACIER JOURNAL RESEARCH FOUNDATION, GLOBAL MANAGEMENT COUNCIL, AHMEDABAD
2019	DR. SMITA KAVATEKAR	Associate Professor	WON 1ST BEST PRESENTER AWARD FOR HER RESEARCH PAPER PRESENTATION IN 4TH ONE DAY INTERNATIONAL CONFERENCE IN JUNE 2019, AT LIFELONG LEARNING ACADEMY, SINGAPORE

2019	DR. R.N. IYENGAR	Professor	THE RESEARCH COUNCIL FOR HISTORY OF SCIENCE AT THE INDIAN NATIONAL SCIENCE ACADEMY (INSA), GOVERNMENT OF INDIA.
2018	MR. MANJUNATH C R	Associate Professor	"CERTIFICATE OF APPRECIATION FOR THE YEAR 2018 "
2018	DR. RAMESH B. DATEER	Assistant Professor	"EARLY CARRIER RESEARCH AWARD' FROM DEPARTMENT OF SCIENCE AND TECHNOLOGY, GOVERNMENT OF INDIA.
2018	CAPT. DR. REKHA SINHA	Professor	"MAJOR", VIDE DIRECTORATE GENERAL – NCC
2018	MR. MEBIN WILSON THOMAS	Assistant Professor	2ND PLACE FOR ORAL PAPER PRESENTATION IN THE NATIONAL CONFERENCE ON "EMERGING TRENDS IN FORENSIC SCIENCE", ORGANIZED BY THE DIRECTORATE OF FORENSIC SCIENCE LABORATORIESKARNATAKA
2018	DR. PRIYANCA MATHUR VELATH	Associate Professor	"EXECUTIVE COMMITTEE OF THE INDIAN INSTITUTE OF PUBLIC ADMINISTRATION, KARNATAKA REGIONAL BRANCH", AS A SPECIAL INVITEE FOR 20182020
2019	DR. A. V. RAGHU	Professor	ASSOCIATE EDITOR OF ACADEMIC JOURNAL OF POLYMER SCIENCE (AJOP), JUPITER PUBLISHERS INC, USA,
2019	MRS. R. A. RAMAMANI	Assistant Professor	"SWARAMURTHY V N RAO MEMORIAL NATIONAL AWARD"
2019	DR. P. PRADEEPA	Associate Professor	"YOUNG WOMAN EDUCATOR SCHOLAR" AWARD FROM THE 6TH NATIONAL WOMEN'S DAY AWARDS POWERED BY NATIONAL FOUNDATION FOR ENTREPRENEURSHIP DEVELOPMENT (NFED), COIMBATORE, TAMIL NADU

2019	DR. A. V. RAGHU	Professor	MARQUIS WHO'S WHO FOR "2018 ALBERT NELSON MARQUIS LIFETIME ACHIEVEMENT AWARD", THE WINNERS ARE FEATURED ON THE MARQUIS LIFETIME ACHIEVEMENT WEBSITE
2019	DR. AHMADI BEGUM	Assistant Professor	"GURUKUL RACE INDIA 2019 AWARDS" TITLED "DISTINGUISHED PROFESSOR", BY THE INTERNATIONAL ASSOCIATION OF RESEARCH AND DEVELOPED ORGANIZATION IN ASSOCIATION WITH THE GURUKUL INSTITUTE OF ENGINEERING AND TECHNOLOGYKOTA
2019	MR. RAGHU N	Assistant Professor	"QUARTERLY FRANKLIN MEMBERSHIP", BY THE LONDON JOURNAL OF RESEARCH IN COMPUTER SCIENCE AND TECHNOLOGY (LJRCST)
2019	DR. MANJUNATHA	Professor	"MAHARSHI BADARAYANA VYASA SAMMAN", A PRESIDENTIAL AWARD, UNDER THE CATEGORY OF YOUNG SCHOLAR IN KANNADA LANGUAGE
2018	DR. MYTHILI P RAO	Dean	"EXTERNAL MEMBER IN THE AUDIT PANEL ", NOMINATED BY CENTRAL HINDI DIRECTORATE, MINISTRY OF HRD, GOVERNMENT OF INDIA
2018	DR. RAJESH S.L	Professor	"YOUNG SCIENTIST 2018", FROM THE INTERNATIONAL JOURNAL FOR RESEARCH UNDER LITERAL ACCESS – IJRULA TITLE AWARDS WINNER – 2018
2018	DR. A.V. RAGHU	Professor	"DISTINGUISHED PROFESSOR FOR THE YEAR 2018", IN THE THE INTERNATIONAL CONFERENCE ON RECENT TRENDS IN SCIENCE AND TECHNOLOGY, AIMS UNIVERSITY, KEDAH, MALAYSIA

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year-end examination
BMS	BMSA	2	24/04/2019	10/05/2019
BMS	BMSA	4	20/04/2019	04/05/2019
BMS	BMSM	4	24/04/2019	06/05/2019
BSc	BSAN	2	25/04/2019	10/05/2019
BSc	BSAN	4	25/04/2019	10/05/2019
BSc	BSAN	6	12/04/2019	25/04/2019
BSc	BGVFX	2	24/05/2019	06/06/2019
BMS	BMSDB	2	24/05/2019	24/05/2019
BSc	BSCDC	2	24/05/2019	31/05/2019
BA	BAMUS	2	17/05/2019	17/05/2019
LLM	CCL	2	31/07/2019	01/08/2019
LLM	CGAP	2	31/07/2019	01/08/2019
LLM	CLCCJA	2	31/07/2019	01/08/2019
MBA	FIN	2	06/07/2019	06/07/2019
MBA	HRM	2	06/07/2019	06/07/2019
MBA	MMKT	2	06/07/2019	06/07/2019
Mtech	MAPT	2	26/06/2019	26/06/2019
Mtech	MASD	2	26/06/2019	26/06/2019
Mtech	MEEM	2	24/06/2019	24/06/2019
Mtech	MEST	2	24/06/2019	24/06/2019
Mtech	MTAV	2	26/06/2019	26/06/2019
Mtech	MTCS	2	24/06/2019	24/06/2019
Mtech	MTCSE	2	24/06/2019	24/06/2019
Mtech	MTDS	2	24/06/2019	24/06/2019
Mtech	MTFT	2	24/06/2019	24/06/2019
Mtech	MTSE	2	26/06/2019	26/06/2019
BA (Journalism)	BAJM	2	04/04/2019	25/05/2019

BA (Journalism)	BAJM	4	25/04/2019	23/05/2019
BA (Journalism)	BAJM	6	24/04/2019	13/05/2019
BBA	BBA	2	24/04/2019	13/05/2019
BBA	BBA	4	25/04/2019	14/05/2019
BBA	BBA	6	24/04/2019	10/05/2019
BCA	BCA	4	25/04/2019	11/05/2019
BCA	BCA	6	12/04/2019	24/04/2019
BCA	BCA	2	24/04/2019	11/05/2019
MBA	HRM	4	05/07/2019	31/07/2019
MBA	IF	4	05/07/2019	31/07/2019
MBA	MKT	4	05/07/2019	31/07/2019
MBA	OS	4	05/07/2019	31/07/2019
MBA	WPC	2	19/07/2019	31/07/2019
PG Diploma	DPSY	2	21/05/2019	27/05/2019
MA	DAN	2	18/05/2019	28/05/2019
MA	DAN	4	17/05/2019	21/05/2019
MA	ECO	2	25/05/2019	30/05/2019
MA	ECO	4	24/05/2019	31/05/2019
MA	ENG	2	28/05/2019	30/05/2019
MA	ENG	4	27/05/2019	04/06/2019
MA	MC	2	25/05/2019	29/05/2019
MA	MC	4	24/05/2019	30/05/2019
MA	MUS	2	18/05/2019	21/05/2019
MA	MUS	4	17/05/2019	21/05/2019
MCA	ISMS	4	27/05/2019	01/06/2019
MCA	MCA	4	27/05/2019	01/06/2019
MCA	MCAC	2	25/05/2019	01/06/2019
MCA	SCT	4	27/05/2019	01/06/2019
MCom	MCOM	2	28/05/2019	01/06/2019
MCom	MCOM	4	24/05/2019	29/05/2019
MCom	MCOM	2	28/05/2019	03/06/2019
MCom	MCOM	4	24/05/2019	04/06/2019
MMS	BA	2	30/05/2019	04/06/2019

MMS	BA	4	27/05/2019	04/06/2019
MMS	IB	2	30/05/2019	04/06/2019
MMS	IB	4	27/05/2019	04/06/2019
MMS	MMSL	4	20/05/2019	20/05/2019
MPA	DAN	2	18/05/2019	28/05/2019
MPA	DAN	4	17/05/2019	21/05/2019
MPA	MUS	2	18/05/2019	21/05/2019
MPA	MUS	4	17/05/2019	21/05/2019
MSc	ANI	2	25/05/2019	29/05/2019
MSc	BC	2	23/05/2019	28/05/2019
MSc	BC	4	22/05/2019	28/05/2019
MSc	BT	2	23/05/2019	29/05/2019
MSc	BT	4	22/05/2019	29/05/2019
MSc	CHE	2	23/05/2019	28/05/2019
MSc	CHE	4	22/05/2019	31/05/2019
MSc	FS	2	25/05/2019	04/06/2019
MSc	FS	4	22/05/2019	04/06/2019
BMS	BMSA	2	24/04/2019	10/05/2019
BMS	BMSA	4	20/04/2019	04/05/2019
BMS	BMSM	4	24/04/2019	06/05/2019
BSc	BSAN	2	25/04/2019	10/05/2019
BSc	BSAN	4	25/04/2019	10/05/2019
BSc	BSAN	6	12/04/2019	25/04/2019
BSc	BGVFX	2	24/05/2019	06/06/2019
BMS	BMSDB	2	24/05/2019	24/05/2019
BSc	BSCDC	2	24/05/2019	31/05/2019
BA	BAMUS	2	17/05/2019	17/05/2019
LLM	CCL	2	31/07/2019	01/08/2019
LLM	CGAP	2	31/07/2019	01/08/2019
LLM	CLCCJA	2	31/07/2019	01/08/2019
MBA	FIN	2	06/07/2019	06/07/2019
MBA	HRM	2	06/07/2019	06/07/2019
MBA	MMKT	2	06/07/2019	06/07/2019
Mtech	MAPT	2	26/06/2019	26/06/2019
Mtech	MASD	2	26/06/2019	26/06/2019

Mtech	MEEM	2	24/06/2019	24/06/2019
Mtech	MEST	2	24/06/2019	24/06/2019
Mtech	MTAV	2	26/06/2019	26/06/2019
Mtech	MTCS	2	24/06/2019	24/06/2019
Mtech	MTCSE	2	24/06/2019	24/06/2019
Mtech	MTDS	2	24/06/2019	24/06/2019
Mtech	MTFT	2	24/06/2019	24/06/2019
Mtech	MTSE	2	26/06/2019	26/06/2019
BA (Journalism)	BAJM	2	04/04/2019	25/05/2019
BA (Journalism)	BAJM	4	25/04/2019	23/05/2019
BA (Journalism)	BAJM	6	24/04/2019	13/05/2019
BBA	BBA	2	24/04/2019	13/05/2019
BBA	BBA	4	25/04/2019	14/05/2019
BBA	BBA	6	24/04/2019	10/05/2019
BCA	CTIS	4	25/04/2019	14/05/2019
BCA	CTIS	6	12/04/2019	24/04/2019
BCA	DA	4	20/04/2019	11/05/2019
BCA	IOT	4	25/04/2019	11/05/2019
BCA	ISIM	6	12/04/2019	24/04/2019
BCA	ISMA	4	25/04/2019	11/05/2019
BCA	ISMA	6	12/04/2019	24/04/2019
BCA	MACT	4	25/04/2019	11/05/2019
BCA	MACT	6	12/04/2019	24/04/2019
BA	OPJ	2	24/04/2019	18/05/2019
BA	OPJ	4	20/04/2019	10/05/2019
BA	OPJ	6	22/04/2019	18/05/2019
BA	PSE	2	24/04/2019	11/05/2019
BA	PSE	4	20/04/2019	08/05/2019
BA	PSE	6	22/04/2019	08/05/2019
BA	ECON	2	22/04/2019	02/05/2019
BSc	BCGBT	2	24/04/2019	10/05/2019
BSc	CLR	2	24/04/2019	03/05/2019

BSc	CLR	4	20/04/2019	03/05/2019
BSc	CMBT	2	24/04/2019	08/05/2019
BSc	CMBT	4	16/04/2019	03/05/2019
BSc	CMBT	6	22/04/2019	02/05/2019
BSc	FS	2	24/04/2019	08/05/2019
BSc	FS	4	20/04/2019	10/05/2019
BSc	FS	6	24/04/2019	13/05/2019
BSc	ID	2	22/04/2019	08/05/2019
BSc	ID	4	20/04/2019	13/05/2019
BSc	PMCS	2	24/04/2019	04/05/2019
BSc	PMCS	4	20/04/2019	08/05/2019
BSc	PMCS	6	24/04/2019	04/05/2019
BSc	RCC	4	16/04/2019	03/05/2019
BCA	BCA	4	25/04/2019	11/05/2019
BCA	BCA	6	12/04/2019	24/04/2019
BCA	BCA	2	24/04/2019	11/05/2019
MBA	HRM	4	05/07/2019	31/07/2019
MBA	IF	4	05/07/2019	31/07/2019
MBA	MKT	4	05/07/2019	31/07/2019
BSc	RPCS	2	24/04/2019	03/05/2019
BSc	BSHDSA	2	22/04/2019	08/05/2019
BSc	FSH	2	24/04/2019	10/05/2019
BSc	FSH	4	20/04/2019	10/05/2019
BTech	AE	4	04/07/2019	06/07/2019
BTech	AE	6	02/07/2019	09/07/2019
BTech	AE	8	19/07/2019	20/07/2019
BTech	BSC	2	26/06/2019	08/07/2019
BTech	DS	4	04/07/2019	08/07/2019
BTech	EC	4	04/07/2019	06/07/2019
BTech	EC	6	02/07/2019	10/07/2019
MBA	OS	4	05/07/2019	31/07/2019
MBA	WPC	2	19/07/2019	31/07/2019
PG Diploma	DPSY	2	21/05/2019	27/05/2019
MA	DAN	2	18/05/2019	28/05/2019
MA	DAN	4	17/05/2019	21/05/2019

MA	ECO	2	25/05/2019	30/05/2019
MA	ECO	4	24/05/2019	31/05/2019
MA	ENG	2	28/05/2019	30/05/2019
MA	ENG	4	27/05/2019	04/06/2019
MA	MC	2	25/05/2019	29/05/2019
MA	MC	4	24/05/2019	30/05/2019
MA	MUS	2	18/05/2019	21/05/2019
MA	MUS	4	17/05/2019	21/05/2019
MCA	ISMS	4	27/05/2019	01/06/2019
MCA	MCA	4	27/05/2019	01/06/2019
MCA	MCAC	2	25/05/2019	01/06/2019
BTech	EC	8	02/07/2019	10/07/2019
BTech	EE	4	04/07/2019	06/07/2019
BTech	EE	6	02/07/2019	03/07/2019
BTech	EE	8	19/06/2019	20/06/2019
BTech	IOT	4	04/07/2019	06/07/2019
BTech	IS	4	04/07/2019	06/07/2019
BTech	IS	6	02/07/2019	06/07/2019
BTech	IS	8	19/06/2019	20/06/2019
BTech	MACT	4	04/07/2019	06/07/2019
BTech	MACT	6	02/07/2019	06/07/2019
BTech	ME	4	04/07/2019	06/07/2019
BTech	ME	6	02/07/2019	06/07/2019
BTech	ME	8	19/06/2019	20/06/2019
BTech	MT	4	04/07/2019	06/07/2019
MBA	MBABF	2	18/05/2019	29/05/2019
MBA	MBAIF	2	18/05/2019	29/05/2019
MBA	MFAH	2	18/05/2019	29/05/2019
MBA	MFIN	2	18/05/2019	29/05/2019
MBA	MFIN	4	02/05/2019	03/06/2019
MBA	MHRM	2	18/05/2019	29/05/2019
MCA	SCT	4	27/05/2019	01/06/2019
MCom	MCOM	2	28/05/2019	01/06/2019
MCom	MCOM	4	24/05/2019	29/05/2019
MCom	MCOM	2	28/05/2019	03/06/2019

MCom	MCOM	4	24/05/2019	04/06/2019
MMS	BA	2	30/05/2019	04/06/2019
MMS	BA	4	27/05/2019	04/06/2019
MMS	IB	2	30/05/2019	04/06/2019
MMS	IB	4	27/05/2019	04/06/2019
MMS	MMSL	4	20/05/2019	20/05/2019
MPA	DAN	2	18/05/2019	28/05/2019
MPA	DAN	4	17/05/2019	21/05/2019
MPA	MUS	2	18/05/2019	21/05/2019
MPA	MUS	4	17/05/2019	21/05/2019
MSc	ANI	2	25/05/2019	29/05/2019
MSc	BC	2	23/05/2019	28/05/2019
MSc	BC	4	22/05/2019	28/05/2019
MSc	BT	2	23/05/2019	29/05/2019
MBA	MHRM	4	02/05/2019	03/06/2019
MBA	MMAF	2	18/05/2019	29/05/2019
MBA	MMAF	4	02/05/2019	03/06/2019
MBA	MMAH	2	18/05/2019	29/05/2019
MBA	MMAH	4	02/05/2019	03/06/2019
MBA	MMKT	2	18/05/2019	29/05/2019
MBA	MMKT	4	02/05/2019	03/06/2019
MBA	AAI	4	10/05/2019	07/06/2019
MBA	MBAAM	2	18/05/2019	18/05/2019
MBA	MBAAM	2	31/05/2019	22/07/2019
MBA	MBASM	2	31/05/2019	22/07/2019
MSc	IT	2	25/05/2019	29/05/2019
MSc	IT	4	20/05/2019	21/05/2019
MSc	MB	2	23/05/2019	25/05/2019
MSc	MB	4	22/05/2019	28/05/2019
MSc	MSCC	2	28/05/2019	04/06/2019
MSc	PHY	2	23/05/2019	30/05/2019
MSc	PHY	4	24/05/2019	29/05/2019
MSc	PSY	2	28/05/2019	06/06/2019
MSc	PSY	4	24/05/2019	31/05/2019
MSc	CLR	4	17/05/2019	27/05/2019

MSc	MSCC	2	28/05/2019	04/06/2019
BCom	SPSY	2	21/05/2019	29/05/2019
BCom	BCOM	2	24/04/2019	10/05/2019
BCom	BCOM	4	20/04/2019	08/05/2019
BCom	BCOM	6	24/04/2019	08/05/2019
MSc	BT	4	22/05/2019	29/05/2019
MSc	CHE	2	23/05/2019	28/05/2019
MSc	CHE	4	22/05/2019	31/05/2019
MSc	FS	2	25/05/2019	04/06/2019
MSc	FS	4	22/05/2019	04/06/2019
BCom	BAAF	2	24/04/2019	10/05/2019
BCom	BAAF	4	20/04/2019	06/05/2019
BCom	BAAF	6	24/04/2019	08/05/2019
BCom	BHCF	2	24/04/2019	09/05/2019
BCom	BHGAP	4	20/04/2019	03/05/2019
BCom	BHIFA	2	24/04/2019	08/05/2019
BCom	BHIFA	4	20/04/2019	10/05/2019
BCom	BHIFA	6	24/04/2019	08/05/2019
BCom	BHLOG	2	24/04/2019	05/04/2019
BCom	BHLOG	4	20/04/2019	03/05/2019
BCom	BHRM	2	24/04/2019	04/05/2019
BCom	BHRM	4	20/04/2019	06/05/2019
BCom	BHRM	6	24/04/2019	06/05/2019
BMS	BMSA	2	24/04/2019	10/05/2019
BMS	BMSA	4	25/04/2019	03/05/2019
BMS	BMSFS	6	24/04/2019	06/05/2019
BMS	BMSIB	2	24/04/2019	06/05/2019
BMS	BMSIB	4	25/04/2019	10/05/2019
BMS	BMSIB	6	24/04/2019	06/05/2019
BMS	BMSIF	2	24/04/2019	04/05/2019
BMS	BMSIF	4	25/04/2019	10/05/2019
BMS	BMSIM	2	24/04/2019	10/05/2019
BMS	BMSSL	2	24/04/2019	10/05/2019
BMS	BMSTHM	2	24/04/2019	03/05/2019
BMS	BMSTHM	4	25/04/2019	03/05/2019

BMS	BMSTHM	6	22/04/2019	03/05/2019

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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
4	13923	0.028

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)

https://set.jainuniversity.ac.in

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
CCL	LLM	CORPORATE AND COMMERCIAL LAW	14	10	71.43
CGAP	LLM	CONSTITUTIONAL GOVERNANCE AND ADMINISTRATIVE PROCESS	5	3	60
CLCCJA	LLM	CRIMINAL LAW CRIMINOLOGY AND CRIMINAL JUSTICE ADMINISTRATION	8	7	87.5
BCA	BCA	BACHELOR OF COMPUTER APPLICATION	32	31	96.88

CTIS	BCA	CLOUD TECHNOLOGY AND INFORMATION SECURITY	60	59	98.33
ISIM	BCA	IT INFORMATION SECURITY AND INFRASTRUCTURE MANAGEMENT	9	9	100
ISMA	BCA	INFORMATION SECURITY AND MOBILE APPLICATIONS	20	20	100
MACT	BCA	MOBILE APPLICATIONS AND CLOUD TECHNOLOGY	59	53	89.83
MTACP	Mtech	AIRCRAFT PROPULSION	12	12	100
MTAD	Mtech	AERODYNAMICS	5	5	100
MTAST	Mtech	AEROSPACE STRUCTURES	9	9	100
MTAV	Mtech	AVIONICS	5	4	80
MTBST	Mtech	BUILDING SCIENCE AND TECHNOLOGY	9	9	100
MTCSE	Mtech	COMPUTER SCIENCE AND ENGINEERING	4	4	100
MTEMCT	Mtech	ENERGY MANAGEMENT & CLIMATE CHANGE TECH	5	5	100
MTESD -	Mtech	EMBEDDED SYSTEM DESIGN	9	9	100
MTFT	Mtech	FOOD TECHNOLOGY	30	30	100
MTTE	Mtech	THERMAL ENGINEERING	5	5	100

BAJM	BA (Journalism)	JOURNALISM AND COMMUNICATION	76	68	89.47
BBA	BBA	BUSINESS ADMINISTRATION	760	685	90.13
EMBA	MBA	EXECUTIVE MBA	57	52	91.23
MFIN	MBA	FINANCE	121	114	94.21
MHRM	MBA	HUMAN RESOURCE MANAGEMENT	24	24	100
MMAF	MBA	MARKETING AND FINANCE	77	68	88.31
MMAH	MBA	MARKETING AND HRM	58	54	93.1
MMKT	MBA	MARKETING	139	137	98.56
AAI	MBA	AIRPORT AVIATION AND INTERNATIONAL BUSINESS MANAGEMENT	47	28	59.57
FIN	MBA	FINANCE	82	76	92.68
HRM HUMAN RESOURCE MANAGEMENT	MBA	HRM - HUMAN RESOURCE MANAGEMENT	28	23	82.14
IF	MBA	INTERNATIONAL FINANCE	14	13	92.86
MKT	MBA	MARKETING	26	24	92.31
OS	MBA	OPERATIONS MANAGEMENT AND SYSTEMS	21	20	95.24
OPJ	BA	OPTIONAL ENGLISH PSYCHOLOGY JOURNALISM	57	49	85.96
PSE	BA	PSYCHOLOGY SOCIOLOGY ECONOMICS	22	21	95.45

CMBT	BSc	CHEMISTRY MICROBIOLOGY BIOTECHNOLOGY	48	46	95.83
FS	BSc	FORENSIC SCIENCE	183	175	95.63
ID	BSc	INTERIOR DESIGN	114	108	94.74
PMCS	BSc	PHYSICS MATHEMATICS COMPUTER SCIENCE	32	28	87.5
BCOM	BCom	BACHELOR OF COMMERCE	388	350	90.21
	BCom	ACCOUNTING AND FINANCE	73	69	94.52
BCOMH -	BCom	BCOM HONOURS	1	1	100
BHIFA	BCom	INTERNATIONAL FINANCE AND ACCOUNTING	76	61	80.26
BHRM	BCom	RISK MANAGEMENT	20	18	90
BMSFS	BMS	FINANCIAL SERVICES	43	62	97.67
BMSIB	BMS	INTERNATIONAL BUSINESS	90	84	93.33
BMSTHM	BMS	TOURISM AND HOSPITALITY MANAGEMENT	20	15	75
BSAN	BSc	BACHELOR OF SCIENCE ANIMATION	48	48	100
AE	BTech	AEROSPACE ENGINEERING	89	89	100
CE	BTech	CIVIL ENGINEERING	61	61	100
CS	BTech	COMPUTER SCIENCE AND ENGINEERING	80	76	95

EC	BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	53	49	92.45
EE	BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	22	22	100
IS	BTech	INFORMATION SCIENCE AND ENGINEERING	48	47	97.92
ME	BTech	MECHANICAL ENGINEERING	68	68	100
DPSY	PG Diploma	PSYCHOLOGICAL COUNSELLING	16	16	100
DAN	MA	DANCE	14	14	100
ECO	MA	ECONOMICS	10	10	100
ENG	MA	ENGLISH	21	21	100
MC	MA (Journalism)	JOURNALISM AND MASS COMMUNICATION	29	29	100
MUS	MA	MUSIC	9	9	100
IMS	MCA	INFRASTRUCTURE MANAGEMENT SERVICES IN IT	4	4	100
ISMS	MCA	INFORMATION SECURITY MANAGEMENT SERVICES	12	12	100
MCA	MCA	MASTER OF COMPUTER APPLICATION	8	6	75
SCT	MCA	STORAGE AND CLOUD TECHNOLOGY	17	17	100
MCOM	MCom	MASTER OF COMMERCE	31	31	100

MCO MFA	MCom	FINANCIAL ANALYSIS	50	45	90
BA	MMS	BUSINESS ANALYTICS	10	10	100
IB	MMS	INTERNATIONAL BUSINESS	20	16	80
MMSL	MMS	LOGISTICS AND SUPPLY CHAIN MANAGEMENT	5	5	100
ANI	MSc	ANIMATION	13	11	84.62
BC	MSc	BIOCHEMISTRY	4	4	100
BT	MSc	BIOTECHNOLOGY	34	32	94.12
CHE	MSc	CHEMISTRY	9	9	100
FS	MSc	FORENSIC SCIENCE	45	44	97.78
IT	MSc	INFORMATION TECHNOLOGY	23	23	100
MB	MSc	MICROBIOLOGY	25	25	100
PHY	MSc	PHYSICS	20	18	90
PSY	MSc	PSYCHOLOGY	48	48	100
CLR	MSc	CLINICAL RESEARCH	5	5	100
SPSY	PG Diploma	SPORTS PSYCHOLOGY	11	10	90.91

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2.7 – Student Satisfaction Survey

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

https://www.jainuniversity.ac.in/pdf/STUDENT-SATISFACTION-SURVEY.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. Reetka Syal	Post doctoral Research Fellowship	01/05/2018	Indian Institute of Technology, New Delhi
International	Dr. Mohan Sakar	Lindau Nobel Laureate Meeting in Lindau, Germany	30/06/2019	DST
International	Dr. Shwetha Rani	JAUW FY2019 International Fellowship	31/10/2019	Japanese Association of University

View File

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
JUNO ROSE	730	DST
ZHOVETA	730	DST
SREE RAJ K A	730	DST SERB
MANSI PATHAK	730	DST SERB
SANJAYAN C G	730	DST SERB
JESNA K G	730	DST SERB
RANGASWAMY P	730	DST SERB
BHAWAR RAMESH	730	DST SERB
T PRAHLADA	730	DST SERB
PRANGYA BHOL	730	DST SERB
S AKASH	730	Nano Mission
THENDRAL	730	DST TDP
K GAYATHRI	730	DST Technology Mission

Name	Days	Agency
MINU	730	DSTSHRI
SHITHARA R	730	DSTSHRI
NAYAN KUMAR H N	730	DDP DST
K. VINOTHKUMAR	730	SERB
AKHIL S	730	SERB
SACHIN M SHET	730	SERB
SURESH SAINI	730	DST
SWARNALATA SWAIN	730	DST SERB
POOJA BHASKAR NAIK	730	DST SERB
SRIVIDHYA	730	DST SERB
ABHISHEK AGARWAL	730	DST
NINGARAJU C	730	DST Nano Mission
SMITHA V KAMATH	730	DST Nano Mission
SANTOSH K N	730	DST Nano Mission
KARTHIK G	1825	UGC
MAHADEVAPRASAD K N	730	DST Nano Mission
GLENITA BRIDGET D SOUZA	730	DST Nano Mission
SUPRATIM CHAKRABORTY	365	SERB
MANJUNATHA K	365	DST
SHASHANK G M	1825	UGC
NIVEDITHA PRIYADARSHINI	1095	JU
SHAIK NUMAN MAHDI	1095	JU
ASHRINI B S	1095	JU
D SOMASEKHARA	730	JU
JESNA K G	1095	JU
SMITHA V KAMATH	1095	JU
POOJA BHASKAR NAIK	1095	JU
ANITA SAMAGE	730	JU
VINOTHKUMAR K	1095	JU
RAJEEV VENKATRAMANA HEGDE	730	SERB
AKSHAY	730	Ramanujan SERB
DEEPAK	730	YSS
PARIMAL P	730	TARE Project
MAHADEV LAXMAN SHEGAVI	365	JU

DIVYA PRASAD	365	JU
NIDHI M R	365	JU
RADHA N	365	JU
MANOHAR H M	365	JU
PURVIK AGARWAL	730	JU
BHAVYA M B	730	JU
ARNAB GHOSH	730	JU
RUTUPARNA SAMAL	730	JU
M SAI RASHMI	730	JU
SHINDE PRATIK VITTHAL	730	JU
SHARON GEORGE	730	JU
RICHELLE MAHIMA REGO	730	JU
DR MANASA K	730	JU
DR GAUTHAM ACHAR	730	JU
DR MAHESH BHAT	730	JU
DR PRAVIN PATIL	730	JU
DR ASHESH MEHTO	730	JU
DR VISHAL K	730	JU
ABHISHEK AGARWAL	1095	JU
JAGDALE PALLAVI BHAKTAPRALHAD	1095	JU
BHAKTI KULKARNI	730	DST Nano Mission
MAHAVEER HALAKARNI	730	DST Nano Mission
ASHOK S MARADDI	730	DST Nano Mission
PATHAK MANSI PRASHANT	1095	JU
AKHIL S	1095	JU
R.MITHUN PRAKAS	730	DST
KOMAL N PATIL	730	DST
AISHA SIDDIQA	730	DST
PRAJWAL	730	DST
PALLAVI B JAGDALE	730	DST
SAYALI A PATIL	730	DST
ANITA SAMAGE	730	DST

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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
Projects sponsored by the University	730	JAIN UNIVERSITY	0.75	0.37
Projects sponsored by the University	730	JAIN UNIVERSITY	0.75	0.37
Projects sponsored by the University	730	JAIN UNIVERSITY	0.75	0.37
Projects sponsored by the University	730	JAIN UNIVERSITY	0.75	0.37
Projects sponsored by the University	730	JAIN UNIVERSITY	0.75	0.37
Projects sponsored by the University	730	JAIN UNIVERSITY	0.75	0.37
Students Research Projects (Other than compulsory by the University)	182	JAIN UNIVERSITY	0.05	0.05
Students Research Projects (Other than compulsory by the University)	182	JAIN UNIVERSITY	0.05	0.05
Students Research Projects (Other than compulsory by the University)	182	JAIN UNIVERSITY	0.05	0.05
Students Research Projects (Other than compulsory by the University)	182	JAIN UNIVERSITY	0.05	0.05
Students Research Projects (Other than compulsory by the University)	182	JAIN UNIVERSITY	0.05	0.05
Students Research Projects (Other than	182	JAIN UNIVERSITY	0.05	0.05

compulsory by the University)				
Students Research Projects (Other than compulsory by the University)	182	JAIN UNIVERSITY	0.05	0.05
Students Research Projects (Other than compulsory by the University)	182	JAIN UNIVERSITY	0.05	0.05
Students Research Projects (Other than compulsory by the University)	182	JAIN UNIVERSITY	0.05	0.05
Students Research Projects (Other than compulsory by the University)	182	JAIN UNIVERSITY	0.05	0.05
Students Research Projects (Other than compulsory by the University)	182	JAIN UNIVERSITY	0.05	0.05
Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08
Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08
Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08
Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08
Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08

Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08
Students Research Projects (Other than compulsory by the University)	182	JAIN UNIVERSITY	0.05	0.05
Students Research Projects (Other than compulsory by the University)	182	JAIN UNIVERSITY	0.05	0.05
Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08
Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08
Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08
Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08
Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08
Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08
Students Research Projects (Other than compulsory by the University)	365	JAIN UNIVERSITY	0.08	0.08
Major Projects	1825	DST	35	19
Major Projects	1095	SERBDIST	35.6	20.55
Major Projects	1095	SERB	44.5	10.5

Major Projects	1825	SERB	38	11.6
Major Projects	1095	DSTMES	53.57	34.02
Major Projects	1095	SERB	21.98	8
Major Projects	1825	DST	35	11
Major Projects	1095	DST	54.84	18
Major Projects	1095	SERB	30.83	11
Major Projects	730	DST	59.79	30
Major Projects	1095	DST	157	60
Major Projects	1095	SERB	34.33	11
Major Projects	1095	DST	60.62	20
Major Projects	730	DST	25.24	12
Major Projects	730	DSTSHRI	50	25
Interdisciplinary Projects	730	DST (Hydrogen and Fuel Cell (HFC)	65.85	35
Major Projects	1825	DST	220	75
Major Projects	1460	ISRO Respond	31.76	15.86
Major Projects	1095	ISRO SAC AO	16.4	8.2
Major Projects	1095	ISRO SAC AO	14.4	7.2
Major Projects	1095	ISRO SAC AO	12.9	6.45
Major Projects	365	ISRO SAC RO	13.3	13.3
Major Projects	730	VGST	20	10
Major Projects	730	Karnataka Council for Technology up gradation	77.41	1.5
Major Projects	730	Karnataka Council for Technology up gradation	80	60
Major Projects	730	AR DB	27	27
Major Projects	730	GTRE	35	35
Major Projects	1095	SERB	42	19.25
Major Projects	1095	DST/SERB (TARE project)	15	15
Major Projects	1825	FIST	220	75

Major Projects	1095	DST	24.67	12
Major Projects	730	DST	30	15
Minor Projects	365	VGST	5	5
Minor Projects	365	ISRO SAC AO	1.98	0.99
Minor Projects	365	DST	5	5
Minor Projects	365	SMYSR	5	5
Minor Projects	730	DSTWTZOEAD	9.4	5
Minor Projects	365	GTRE, DRDO, Govt of India	9.8	3.46
Minor Projects	365	SERB	7.6	7.6
Minor Projects	365	DST NIMAT	0.4	0.4
Minor Projects	365	VGST	5	5

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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
CAREERS IN FRAUD INVESTIGATION	FORENSIC SCIENCE	24/07/2018
INNOVATION IN MANAGEMENT EDUCATION AND CAREER DEVELOPMENT	MANAGEMENT	11/08/2018
REMOTE SENSING AND DIGITAL IMAGE ANALYSIS	COMPUTER SCIENCE ENGINEERING	04/09/2018
BASICS OF REMOTE SENSING, GEOGRAPHICAL INFORMATION SYSTEM AND GLOBAL NAVIGATION SATELLITE SYSTEM", IN ASSOCIATION WITH IIRS	COMPUTER SCIENCE ENGINEERING	24/09/2018
ETHICAL HACKING	COMMERCE	12/02/2019
FINANCIAL MARKETS	MANAGEMENT	06/03/2019
INTRODUCTION OF INTERIOR DESIGN, CONSTRUCTION AND DETAILING	INTERIOR DESIGN	24/05/2019
BUILDING SERVICES	INTERIOR DESIGN	01/06/2019

BASIC DESIGN	INTERIOR DESIGN	29/06/2019
FIRE SAFETY ENGINEERING	FIRE AND COMBUSTION	27/07/2019
AMAZON E COMMERCE SPECIALIST	MANAGEMENT	03/07/2018
BOMBAY STOCK EXCHANGES WORKSHOP	MANAGEMENT	14/07/2018
CISCO PACKET TRACER	COMMERCE	16/07/2018
WORKSHOP ON SELLING YOURSELF TO THE CORPORATES	COMMERCE	09/07/2018
DREAMBELIEVEACHIEVE	COMMERCE	09/07/2018
SOFT SKILLS TRAINING SELF AWARENESS AND PATTERN BREAKING THINKING OUTSIDE THE BOX	COMMERCE	09/07/2018
GOOGLE COMPUTING	COMPUTER SCIENCE	14/07/2018
ROLE OF ELECTRONIC DEVICES IN RENEWABLE ENERGY	ELECTRONICS	20/07/2018
CAREERS IN CYBER FORENSIC	FORENSIC SCIENCE	23/07/2018
CAREERS IN FORENSIC SCIENCE	FORENSIC SCIENCE	23/07/2018

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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
Sunil M P, Assistant Professor, Department: ECE, School of Engineering and Technology (SET), has received "Outstanding Researcher in	Dr. Sunil M.P	RULA Awards	12/11/2018	National

Robotics", from RULA Awards – Rula Innovation and Betterment Excellence in Technical Research, held at Tamil Nadu, on				
Dr. Yogesh Kumar K, Assistant Professor, Department: Chemistry, School of Engineering and Technology (SET), has received "Research Ratna Award of the Year 2019" for International Innovation and Betterment Excellence in Technical Research – Excellent	Dr. Yogesh Kumar K	IJRULA RULA Awards	26/02/2019	International
Jain (Deemedtobe University)'s School of Engineering and Technology is awarded by EdTech Review	Jain (Deemed to be University)	EdTech Review Awards	25/02/2018	National

Awards for the Best Excellence and Innovation in Engineering (South).				
Received Four Star Rating for Innovation (KSURF)	Jain (Deemed to be University)	KSURF ICARE	30/03/2019	State
Innovative procedures in Biological Sciences	Jain (Deemed to be University)	Knowledge Review	30/04/2019	International

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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
Jain University Incubation Center	JUIC	JAIN(Deemedtobe University) and DST, Govt of India	NutriParadise Food LLP	FoodTech/Nutrition Tech	25/06/2018
Jain University Incubation Center	JUIC	JAIN(Deemedtobe University) and DST, Govt of India	Lima Payments Pvt Ltd	RetailTech	01/01/2019
Jain University Incubation Center	JUIC	JAIN(Deemedtobe University) and DST, Govt of India	Amazity Resources Pvt Ltd	Smart City	01/01/2018

| Jain University Incubation Center | JU IC | JAIN(Deemedtobe University) and DST, Govt of India | Scoobla Technology Pvt Ltd | HR Tech | 01/07/2018 |

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Microbiology	6
Nanotechnology	1
Physics	2
Commerce Management	16
Cultural Studies	2
Music	2
Visual Arts	2
History	1
Kannada	1
Aerospace Engineering	1
Life Science Zoology	2
Computer Science Engineering	7
Electrical and Electronics Engineering	8
Electronics and Communication Engineering	21
Mechanical Engineering	1
Civil Engineering	2
Biochemistry	2
Biotechnology	10
Chemistry	5
Computer Science	5
Mathematics	3

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)

International	BASIC SCIENCE	32	5.37
International	BIOCHEMISTRY	5	4.89
National	BIOTECHNOLOGY	1	0.72
International	BIOTECHNOLOGY	10	4.2
National	CERSSE	3	5.35
International	CERSSE	1	2.9
International	CHEMISTRY	9	6.64
International	CNMS	98	18.03
International	ECE	19	5.72
International	FOOD TECHNOLOGY	1	6.1
International	IIAEM	1	1.72
National	MANAGEMENT	1	1.46
International	MANAGEMENT	13	8.95
National	MICROBIOLOGY	1	1.29
International	MICROBIOLOGY	4	4.1
International	CE	2	1.4
National	COMMERCE	1	1.21
International	COMMERCE	32	3
International	COMPUTER SCIENCE	1	1.25
International	CSE	5	0.33
International	ECONOMICS	1	1.57
International	MATHEMATICS	6	2.09
International	ME	18	1.7
International	PHYSICS	13	2.36
International	PSYCHOLOGY	2	2.15
National	SANSKRIT	1	2.7
National	EEE	2	3.1

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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
Basic Science	38

Biochemistry	6
Biotechnology	12
Centre for Ancient History and Culture (CAHC)	2
Centre for Research in Social Sciences and (Education (CERSSE)	12
Chemistry	22
Civil Engineering	9
Centre for Nano and Material Sciences (CNMS)	133
Commerce	52
Computer Science and Information Technology	1
Computer Science and Engineering	52
Centre for Virtual learning and Innovation (CVLI)	2
Electronics and Communication Engineering	41
Economics	2
Electrical and Electronics Engineering	7
Food Technology	10
Forensic Science	7
Humanities and Social Sciences	8
International Institute of Aerospace Engineering and Management	2
Information Science and Engineering	1
Management	41
Mathematics	11
Mechanical Engineering	53
Microbiology	15
Performing Arts	2
Physics	20
Psychology	9
Sanskrit	5
Sociology	1

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
MOTORIZED DAY BED CONTROL INTERFACED WITH AN INGRAINED SYSTEM BY SIMPLE PHYSICAL MOVEMENTS	Published	201941031 3	06/09/201 9
REVERSE LOGIC DESIGN FOR POWER EFFICIENT DIGITAL CIRCUITS	Published	201741029 4	22/02/201 9
DISTILLATION OF SALINE WATER USING ULTRASONIC ENERGY CATALYSED BY LOW TEMPERATURE HEATER WITH RAPID EVAPORATION OF WATER	Published	201741035 9	12/04/201 9
HIGH DEFINITION VIDEO STREAMING FOR WIRELESS COMMUNICATION	Published	201841001 3	19/07/201 9
DATA HIDING WITH DIFFERENT POLYNOMIAL EQUATIONS BY USING LEAST SIGNIFICANT BIT INSERTION METHOD WITH STEGO KEY	Published	201841026 9	08/03/201 9
BIFUNCTIONAL PRODUCT FOR USE IN ACIDFREE REDUCTION OF TOXIC CHROMIUM (VI), ITS SYNTHESIS AND USES	Published	201641036 3	27/04/201 8
AN APPARATUS AND METHOD BASED ON SMART FILTER FOR ELIMINATING SMOG AND POLLUTANTS IN THE AIR ATTACHABLE TO AUTOMOBILE	Published	201741040 9	23/11/201 8
AN APPARATUS AND METHOD BASED ON INTELLIGENT BEACON DEVICES FOR SMART SHOPPING BY USE OF ASSOCIATION RULE OF DATA MINING	Published	201741017 0	23/11/201 8
HYBRID POWER GENERATION SYSTEM BY USING WIND, SOLAR AND HYBRID ENERGY MODELS	Published	201841044 8	07/12/201 8
ULTRA SENSITIVE ARRAY OF ACCELEROMETER SENSOR	Published	201841038 0	09/11/201 8

BASED ON OPTICAL NANOCAVITY FOR AUTOMOTIVE APPLICATION			
AN APPARATUS AND METHOD BASED ON ELECTRONIC RESONANCE TO SOFTEN THE HARD WATER FOR BATHING AND DOMESTIC PURPOSE INVENTED BY MS. DARSHANA PRITAM SHAH BANGALORE INDIA	Published	2018410234	23/11/2018
A METHOD AND APPARATUS FOR RATING AND RECOMMENDATION OF ENTITIES OR SERVICES BY CORRELATING THE VARIABLES OF REQUESTED QUALITY WITH THE INDICATED QUALITY	Published	2018410397	23/11/2018
A METHOD AND APPARATUS FOR PRIVACY PRESERVING DATA SHARING USING SECURE SWITCH MECHANISM	Published	2018410427	23/11/2018
KEYHOLE SLOT LOADED AND PLUS SHAPED MICROSTRIP PATCH ANTENNA FOR ULTRAWIDE BAND APPLICATIONS.	Published	2018410005	09/11/2018
NOVEL METHOD FOR THE REMOVAL OF MERCURY IONS FROM WATER USING ORGANIC PROBE TETHERED DIATOMS	Published	2016410363	27/04/2018
AN APPARATUS AND METHOD BASED ON SINGLE COORDINATE PUBLIC KEY WITH ONE EXTRA BIT BY USING ELLIPTICAL CURVE CRYPTOGRAPHY FOR THE RESOURCE CONSTRAINED WIRELESS SENSOR NETWORK	Published	2017410140	26/10/2018
POROUS DOUBLE WALLED INDOOR FIRE TEST FACILITY	Published	2017410372	26/04/2019
SHARI‾RARAKS?A‾MINIATURIZED RECHARGEABLE TASER FOR	Published	2018410219	11/01/2019

PERSONAL DEFENSE USING A MOSFET			
A METHOD AND APPARATUS FOR SECURE PRIVACY PRESERVING DATA SHARING BETWEEN ANY TWO ENTITIES USING TRUSTABLE POLICY BASED ANONYMIZATION FRAMEWORK	Published	2018410237	19/10/2018
A METHOD AND APPARATUS FOR CONTEXT SWITCHING OF QUALITY OF SERVICEBASED PROFILES IN A SERVICE SYSTEM USING ACTIVE RESOURCE MANAGEMENT FRAMEWORK	Published	2018410429	23/11/2018

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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
Vapour phase selective hydrogenation of benzaldehyde to benzyl alcohol using Cu supported MgAl hydrotalicite catalyst	Jayesh T.B., Itika K., Ramesh Babu G.V., Rama Rao K.S., Keri R.S.,	Catalysis Communications	2018	12	Jain University	12

	Jadhav A.H., Nagaraja B.M.				
Design of An Energy Efficient Hydraulic Regenerative circuit	Ramesh S., Denis Ashok S., Nagaraj S., Adithyakumar C.R., Lohith Kumar Reddy M., Naulakha N.K.	IOP Conference Series: Materials Science and Engineering	2018	2	Jain University	1
Energy conservation strategy in Hydraulic Power Packs using Variable Frequency Drive IOP Conference Series: Materials Science and Engineering	Ramesh S., Denis Ashok S., Nagaraj S., Kumar Reddy M.L., Kumar Naulakha N., Adithyakumar C.R.	IOP Conference Series: Materials Science and Engineering	2018	2	Jain University	2
Effective recovery of acids from egg waste incorporated PSf membranes: A step towards sustainable development	Jyothi M.S., Yadav S., Balakrishna G.	Journal of Membrane Science	2018	1	Jain University	1

Title	Authors	Journal	Year		University	
TiO2–ZrO2 composite: Synthesis, characterization and application as a facile, expeditious and recyclable catalyst for the synthesis of 2aryl substituted benzoxazole derivatives	Patil M.R., Bhanushali J.T., Nagaraja B.M., Keri R.S.	Comptes Rendus Chimie	2018	2	Jain University	2
Efficacy of dietary phytase supplementation on laying performance and expression of osteopontin and calbindin genes in eggshell gland	Shet D., Ghosh J., Ajith S., Awachat V.B., Elangovan A.V.	Animal Nutrition	2018	2	Jain University	2
A novel approach of fault location in electrical transmission system using smart meters	Velhal G., Pujara A., Muralidhara V., Bakre S., Velhal V.	Majlesi Journal of Electrical Engineering	2018	3	Jain University	6
Investigation of supramolecular synthons in the crystals of N(aryl)succinamic acids and N(aryl)maleamic acids: A case study of 4oxo4(pyridin2ylamino)butanoic acid	Shet M P., Shivalingegowda N., Erachikkaiah S., Neratur Krishnappago	Chemical Data Collections	2018	4	Jain University	4

	wda L., Suchet an P.A.					
Lysine assisted hydrothermal synthesis and formation process of MoO3:Sm3 phosphors with hierarchical structures and its electron trapping luminescence properties	Yogana nda H.S., Basava raj R.B., Naik R., Darsha n G.P., Sharma S.C., Daruka Prasad , Nagabh ushana H.	Journa l of Alloys and Compou nds	20 18	4	Jai n Uni ver sit y	4
Ruthenium oxide nanostring clusters anchored Graphene oxide nanocomposites for highperformance supercapacitors application	Kumar K.Y., Archan a S., Namith a R., Prasan na B.P., Sharma S.C., Raghu M.S.	Materi als Resear ch Bullet in	20 18	4	Jai n Uni ver sit y	4
Indigenous design and development of the cathodic arc system for the growth of nanocarbon thin Films	Nirupa ma M.P., Gandla S.B., Bhatta charya A., Satyan	Materi als Today: Procee dings	20 18	5	Jai n Uni ver sit y	1

	arayan a B.S.					
Assessment of fluorescence polarization assay: a candid diagnostic tool in Brucella abortus strain 19 vaccinated areas	Kalles hamurt hy T., Shekar R., Niranj anamur thy H.H., Natesa n K., Shome B.R., Bambal R.G., Sairiw al L., Barbud dhe S.B., Sahare A., Kilari S., Rahman H., Shome R	Microb iology and Immuno logy	20 18	2	Jai n Uni ver sit y	2
Biocharring of natural fibers of insect and plant origin: a green route for the production of 'carbonbased charge storage nanomaterials'	Dubey A., Jangir H., Verma S., Saxena M., Sarkar S., Philip D., Das M.	Materi als for Renewa ble and Sustai nable Energy	20 18	1	Jai n Uni ver sit y	1
Aggregation induced light harvesting of molecularly engineered DAΠA carbazole	Hemava thi B.,	Solar Energy	20 18	2	Jai n Uni	2

dyes for dyesensitized solar cells	Jayadev V., Pradhan S.C., Gokul G., Jagadish K., Chandrashekara G.K., Ramamurthy P.C., Pai R.K., Narayanan Unni K.N., Ahipa T.N., Soman S., Geetha Balakrishna R.				versity
Ultrasoundassisted synthesis of two novel [CuBr(diamine)2·H2O]Br complexes: Solvatochromism, crystal structure, physicochemical, Hirshfeld surface thermal, DNA/binding, antitumor and antibacterial activities	Warad I., Awwadi F.F., Abd AlGhani B., Sawafta A., Shivalingegowda N., Lokanath N.K., Mubara	Ultrasonics Sonochemistry	2018	4	Jain University	4

	k M.S., Ben Hadda T., Zarrouk A., AlRimawi F., Odeh A.B., Barghouthi S.A.					
Three phase partitioning to concentrate milk clotting proteases from Wrightia tinctoria R. Br and its characterization	Rajagopalan A., Sukumaran B.O.	International Journal of Biological Macromolecules	2018	2	Jain University	2
New design of highly sensitive and selective MoO3:Eu3 microrods: Probing of latent fingerprints visualization and anticounterfeiting applications	Yogananda H.S., Basavaraj R.B., Darshan G.P., Daruka Prasad B., Naik R., Sharma S.C., Nagabhushana H.	Journal of Colloid and Interface Science	2018	10	Jain University	10
MnO2 polymorph selection for nonenzymatic glucose detection: An integrated	Ponnusamy R.,	Applied Surfac	2019	8	Jain Uni	1

experimental and density functional theory investigation	Venkatesan R., Kandasamy M., Chakraborty B., Rout C.S.	e Science			versity
NUV lightinduced visible green emissions of Erbiumdoped hierarchical Bi2Zr2O7 structures	Rajashekharaiah A.S., Darshan G.P., Basavaraj R.B., Naik Y.V., Kavyashree D., Sharma S.C., Nagabhushana H.	Optical Materials	2019	9	Jain University	4
Facile Process for Metallizing DNA in a Multitasking Deep Eutectic Solvent for Ecofriendly CC Coupling Reaction and Nitrobenzene Reduction	Chakraborty S., Mruthunjayappa M.H., Aruchamy K., Singh N., Prasad K., Kalpana D., Ghosh	ACS Sustainable Chemistry and Engineering	2019	1	Jain University	5

	D., Sanna Kotrappanavar N., Mondal D.					
Eeadselfcloud: Energy efficient adaptive depth self cloud mechanism for VM migration in data centers	Jason S., Suchithra R.	International Journal of Innovative Technology and Exploring Engineering	2019	5	Jain University	7
Hydrogenase Enzyme like Nanocatalysts FeS 2 and FeSe 2 for Molecular Hydrogen Evolution Reaction	Shwetharani R., Nagaraju D.H., Geetha Balakrishna R., Suvina V	Materials Letters	2019	4	Jain University	4
Efficient Photoelectrocatalytic Activity of CuWO4 Nanoplates towards the Oxidation of NADH Driven in Visible Light	Mohanty B., Naik K.K., Sahoo S., Jena B., Chakraborty B., Rout C.S.,	ChemistrySelect	2018	1	Jain University	1

	Jena B.K.					
The environments of accreting supermassive black holes in the nearby Universe: A brief overview of the Southern Seyfert spectroscopic snapshot survey (S7)	Shastri P., Dopita M., Banfield J., Thomas A., Longbottom F., Sundar M.N., Duggal C., Groves B., Kharb P., Davies R., Kewley L., Sairam L., Hampton E., Puthiyaveettil S., James B.	AIP Conference Proceedings	2019	7	Jain University	2
Aggressive exclusion of scan flipflops from compression architecture for better coverage and reduced TDV: A hybrid approach	Shantagiri P.V., Kapur R.	Journal of Low Power Electronics and Applications	2019	4	Jain University	4
Evolutionary history and genetic diversity study of	Mothay D.,	Journal of	2019	5	Jain Uni	1

heatshock protein 60 of Rhizophagus irregularis	Ramesh K.V.	Genetics			versity	
Segmentation of white blood cells using integrated process of improved spectral angle mapper, gramschmidt orthoganalization with Kmeans clustering	Puttamade Gowda J., Prasanna Kumar S.C.	International Journal of Innovative Technology and Exploring Engineering	2019	3	Jain University	5
Efficient ship track keeping using predictive PID controller	Anil Kumar D., Hari Prasad S.A.	International Journal of Innovative Technology and Exploring Engineering	2019	6	Jain University	3
Handwritten electric circuit diagram recognition: An approach based on finite state machine	Lakshman Naika R., Dinesh R., Prabhanjan S.	International Journal of Machine Learning and Computing	2019	5	Jain University	2
Glucose oxidase mimicking half-sandwich nickel(II) complexes of coumarin substituted N-heterocyclic	Brinda K.N., Achar G.,	Biosensors and Bioele	2019	4	Jain Univer	1

carbenes as novel molecular electrocatalysts for ultrasensitive and selective determination of glucose	Małecki J.G., Budagumpi S., Nagaraju D.H., Suvina V., Balakrishna R.G.	ctronics			sity	
Effect of Asymmetric Control Constraints on FixedWing UAV Trajectories	Arya S.R., Rao S., Dattaguru B.	IEEE Transactions on Aerospace and Electronic Systems	2019	7	Jain University	4
A penalty based self adaptive harmony search algorithm for optimal load shedding	Raghu C.N., Manjunatha A., Raghavendra G.	International Journal of Engineering and Advanced Technology	2019	8	Jain University	2
Enhanced dual authentication and key management scheme for data authentication in vehicular ad hoc network	Alangudi Balaji N., Sukumar R., Parvathy M	Computers and Electrical Engineering	2019	9	Jain University	3

Screening of a multivirus resistant RNAi construct in cowpea through transient vacuum infiltration method	Prasad Babu K., Maligeppagol M., Asokan R., Krishna Reddy M.	Virus Disease	20 19	6	Jai n Uni ver sit y	2
The Decision for Indian Human Spaceflight Programme Political Perspectives, National Relevance, and Technological Challenges	Rao M.K., Sridhara Murthi K.R., Prasad M.Y.S.	New Space	20 19	5	Jai n Uni ver sit y	1
Synthesis, molecular docking studies, and antimicrobial evaluation of new structurally diverse ureas	Patil M., Poyil A.N., Joshi S.D., Patil S.A., Patil S.A., Bugarin A.	Bioorg anic Chemis try	20 19	1	Jai n Uni ver sit y	1
Population growth potential of Tuta absoluta (Meyrick) (Lepidoptera: Gelechiidae) on tomato, potato, and eggplant	Kanle Satishchandra N., Chakravarthy A.K., Özgökçe M.S., Atlihan R	Journa l of Applie d Entomo logy	20 19	2	Jai n Uni ver sit y	4
Investigation of MnCo 2 O 4 /MWCNT composite as anode	Kulkar ni P.,	Cerami cs	20 19	1	Jai n	1

material for lithium ion battery	Ghosh D., Balakrishna G., Rawat R.S., Adams S., Reddy M.V.	International			University	
Role of conducting polymer and metal oxidebased hybrids for applications in ampereometric sensors and biosensors	Dakshayini B.S., Reddy K.R., Mishra A., Shetti N.P., Malode S.J., Basu S., Naveen S., Raghu A.V.	Microchemical Journal	2019	7	Jain University	7
NiSnsupported ZrO2 catalysts modified by indium for selective CO2 hydrogenation to methanol	Hengne A.M., Samal A.K., Enakonda L.R., Harb M., Gevers L.E., Anjum D.H., Hedhili M.N., Saih Y., Huang	ACS Omega	2018	7	Jain University	7

	K.W., Basset J.M.					
Dissemination and characterisation of Escherichia coli producing extendedspectrum βlactamases, AmpC βlactamases and metalloβlactamases from livestock and poultry in Northeast India: A molecular surveillance approach	Tewari R., Mitra S., Ganaie F., Das S., Chakraborty A., Venugopal N., Shome R., Rahman H., Shome B.R.	Journal of Global Antimicrobial Resistance	2019	1	Jain University	1
Synergistic effect of hybrid Ce3/Ce4 doped Bi2O3 nanosphere photocatalyst for enhanced photocatalytic degradation of alizarin red S dye and its NUV excited photoluminescence studies	Akshatha S., Sreenivasa S., Parashuram L., Udaya Kumar V., Sharma S.C., Nagabhushana H., Kumar S., Maiyalagan T.	Journal of Environmental Chemical Engineering	2019	3	Jain University	2
Nucleation and selfassembly dynamics of hierarchical	Darshan	Materials	2019	6	Jain	6

Title	Authors	Journal	Year	Vol/Issue	University	Count
YAlO 3 :Ce 3 architectures: Nano probe for in vitro dermatoglyphics and antimimetic applications	G.P., Premkumar H.B., Nagabhushana H., Sharma S.C., Umesh B., Basavaraj R.B.	Science and Engineering C			University	
Magnetic Nanoparticles Impregnated, CrossLinked, Porous Chitosan Microspheres for Efficient Adsorption of Methylene Blue from Pharmaceutical Waste Water	Jyothi M.S., Angadi V.J., Kanakalakshmi T.V., Padaki M., Geetha B.R., Soontarapa K.	Journal of Polymers and the Environment	2019	5	Jain University	1
Evaluation of carbendazim tolerant strain of Trichoderma harzianum GJ16B for its efficacy in the management of carbendazim resistant Fusarium solani isolate causing marigold wilt	Kumawat M.K., Chandran N.K., Sriram S.	Indian Phytopathology	2019	4	Jain University	2
Study on noise level and its effects in the commercial area of Bengaluru city	Manjunatha P.S., Sudhakar Reddy M., Ramachandra	International Journal of Applied Engineering	2019	9	Jain University	1

	N.U., Gopala krishn a R.	Resear ch				
Implementation of Blockchain Data Obfuscation	Manjun ath P., Herrma nn M., Sen H.	Smart Innova tion, System s and Techno logies	20 19	6	Jai n Uni ver sit y	4
Effect of environmental aging conditions on the properties of fly ash filled epoxy composites	Pattan aik A., Mukhar jee M., Mishra S.C.	Advanc ed Compos ite Materi als	20 19	5	Jai n Uni ver sit y	3
Effect of temperature and CO2 on population growth of south American tomato moth, tuta absoluta (meyrick) (lepidoptera: Gelechiidae) on tomato	Kanle Satish chandr a N., Vaddi S., Naik S.O., Chakra varthy A.K., Atliha n R.	Journa l of Econom ic Entomo logy	20 18	2	Jai n Uni ver sit y	2
Comparison of bonding strength of Ti6Al4V alloy deposit and substrate processed by laser metal deposition	Jyothi sh Kumar L., Krishn adas Nair C.G.	3D Printi ng and Additi ve Manufa cturin g Techno logies	20 18	3	Jai n Uni ver sit y	3
Iot and block chain driven intelligent transportation system	Manjun ath P.,	Procee dings of the	20 18	4	Jai n Uni	2

	Soman R., Gajkumar Shah D.P.	2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018			versity	
IoT Driven with Big Data Analytics and Block Chain Application Scenarios	Manjunath P., Prakruthi M.K., Gajkumar Shah P.	Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018	2018	5	Jain University	3
Automatic facial expression recognition based on MRELBP and Compressive Sensing	Gunavathi H.S., Siddappa M.	ARPN Journal of Engineering and Applied Sciences	2018	3	Jain University	2

Effect of thyroid peroxidase antibody on pregnancy outcome among hypothyroid women	Bhat S., Ashwini A.P., Suma A.P., Umakanth S.	Journal of Clinical and Diagnostic Research	2018	2	Jain University	2
Development of coumarin-benzofuran hybrids as versatile multitargeted compounds for the treatment of Alzheimer's Disease	Hiremathad A., Chand K., Keri R.S.	Chemical Biology and Drug Design	2018	3	Jain University	3
Benzoxazole and dioxolane substituted benzimidazole-based N-heterocyclic carbene-silver(I) complexes: Synthesis, structural characterization and in vitro antimicrobial activity	Shahini C.R., Achar G., Budagumpi S., Müller Bunz H., Tacke M., Patil S.A.	Journal of Organometallic Chemistry	2018	3	Jain University	3
Structural elucidation and Hirshfeld surface analysis of a novel pyrazole derivative: 3(Benzo[d][1,3]dioxol5yl)1(3chlorophenyl)5(2,4dichlorophenyl)4,5dihydro1Hpyrazole	Naveen S., Kumara K., Kumar A.D., Kumar K.A., Lokanath N.K.	Chemical Data Collections	2018	1	Jain University	1
FDTD based Plasmonic light trapping analysis in thin film hydrogenated amorphous silicon solar cells	Radder C., Satyan	International Journa	2018	3	Jain Univer	5

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Observation of oxobridged yttrium in TiO2 nanostructures and their enhanced photocatalytic hydrogen generation under UV/Visible light irradiations	Ravikumar C.H., Sakar M., Mahto A., Nanjundaiah R.T., Thippeswamy R., Teixeira S.R., Balakrishna R.G.	Materials Research Bulletin	2018	5	Jain University	5
Molecular cloning and expression of FGF2 gene in preimplantation developmental stages of in vitroproduced sheep embryos	Mor A., Mondal S., Reddy I.J., Nandi S., Gupta P.S.P.	Reproduction in Domestic Animals	2018	1	Jain University	1
Synthesis, structural exploration and Hirshfeld surface analysis of a novel bioactive heterocycle: (4(6Fluorobenzo[d]isoxazol3yl) piperidin1yl)(morpholino)methanone	Benaka Prasad S.B., Anandakumar C.S., Raghu A.V., Raghava Reddy	Chemical Data Collections	2018	2	Jain University	2

	K., Deepa Urs M.V., Naveen S.				
Vocal tract shape synthesis for various indian speaker under various conditions	Anil Kumar C., Manjun atha M.B., Thanga duari N.	Journal of Advanc ed Resear ch in Dynami cal and Contro l Systems	2018	1	Jai n Uni ver sit y	1
A study of semiconductor memory technology by comparing volatile and nonvolatile memories	Hamsa S., Ananth A.G., Thanga durai N.	Journal of Advanc ed Resear ch in Dynami cal and Contro l Systems	2018	2	Jai n Uni ver sit y	2
Performance analysis of error correction techniques for high definition video streaming in wireless communication	Latha C.P., Manjun ath M.B., Thanga durai N.	Journal of Advanc ed Resear ch in Dynami cal and Contro l Systems	2018	3	Jai n Uni ver sit y	7

EEG artifact detection model: A landmarkbased approach	Mouneshachari S., Sanjay Pande M.B., Raveesh B.N.	Advances in Intelligent Systems and Computing	2018	4	Jain University	5
Synthesis and characterization of Hierarchically assembled ZnO Nanoparticles and its application in modified carbon paste electrode for electrochemical detection of Biomolecules	Kiran Kumar S.R., Yogesh Kumar K., Muralidhara H.B., Anantha M.S., Mamatha G.P.	Materials Today: Proceedings	2018	3	Jain University	3
Analysis of dissimilar metal welding of EN19 and SS304L	Gopalakrishna G.T., Ajay Kumar B.S., Vishnu K.R., Sundareshan S.D.	International Journal of Vehicle Structures and Systems	2018	1	Jain University	2
Controllable synthesis of TiO2 chemically bonded graphene for photocatalytic hydrogen evolution and dye degradation	Kumar K.Y., Saini H., Pandiarajan D., Prashanth M.K., Parashuram	Catalysis Today	2018	2	Jain University	4

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Effect of aromatic amino acids on the surface properties of 1dodecyl3(4(3dodecylimidazolidin1yl)butyl)imidazolidine bromide gemini surfactant	Maurya J.K., Khan A.B., Dohare N., Ali A., Kumar A., Patel R.	Journal of Dispersion Science and Technology	2018	8	Jain University	8
Crystal structures of 2aminopyridine citric acid salts: C5 H7 N2 ·c6 H7 O7 And 3C5 H7 N2 ·c6 H5 O7 3	Prakash S.M., Naveen S., Lokanath N.K., Suchetan P.A., Warad I.	Acta Crystallographica Section E: Crystallographic Communications	2018	1	Jain University	1
Xerogel modified diatomaceous earth microparticles for controlled drug release studies	Uthappa U.T., Sriram G., Brahmkhatri V., Kigga M., Jung H.Y., Altalhi T., Neelgund G.M.,	New Journal of Chemistry	2018	6	Jain University	6

	Kurkuri M.D.					
Rare earth metal oxide (RE2O3 RE Nd, Gd, and Yb) incorporated polyindole composites: Gravimetric and volumetric capacitive performance for supercapacitor applications	Majumder M., Choudhary R.B., Thakur A.K., Rout C.S., Gupta G.	New Journal of Chemistry	2018	8	Jain University	8
Microstrip line geometric variation consequences for linear parameters of microwave amplifiers	Rajpurohit M., Sawarkar K.G., Pramod K.B., Tuckley K., Kumarswamy	Lecture Notes in Electrical Engineering	2018	1	Jain University	1
Preventive and therapeutic potentials of anthocyanins in diabetes and associated complications	Putta S., Yarla N.S., Eswar Kumar K., Lakkappa D.B., Kamal M.A., Scotti L., Scotti M.T., Ashraf G.M., Barreto G.E.,	Current Medicinal Chemistry	2018	4	Jain University	4

	Sasi Bhusana Rao B., Sarala Kumari D., Reddy G.V., Tarasov V.V., Imandi S.B., Aliev G.					
Green synthesis of Ag[sbnd]ZnO nanoparticles: Structural analysis, hydrogen generation, formylation and biodiesel applications	Yadav L.S.R., Pratibha S., Manjunath K., Shivanna M., Ramakrishnappa T., Dhananjaya N., Nagaraju G.	Journal of Science: Advanced Materials and Devices	2019	2	Jain University	2
Extraction of SpO2 raw data using innovative techniques	Subhagya D.S., Keshavamurthy C	Journal of Advanced Research in Dynamical and Control Systems	2018	3	Jain University	1

Hydroxypyridinonebenzofuran hybrids with potential protective roles for Alzheimer´s disease therapy	Hiremathad A., Chand K., Tolayan L., Rajeshwari, Keri R.S., Esteves A.R., Cardoso S.M., Chaves S., Santos M.A.	Journal of Inorganic Biochemistry	2018	12	Jain University	12
LCarnitine as an additive in Tyrodes buffer during platelet storage	Mithun M., Rajashekaraiah V.	Blood Coagulation and Fibrinolysis	2018	7	Jain University	2
Arrhythmia detection based on Hybrid features of Twave in Electrocardiogram	Nanjundegowda R., Meshram V.A.	International Journal of Intelligent Engineering and Systems	2018	2	Jain University	2
Advanced prediction to facilitate biocontrol of the mealybug Rastrococcus iceryoides (Hemiptera: Pseudococcidae) in organic mango (Anacardiaceae) orchards	Gujjar N.R., Verghese A., Suresh D.T., Mouly	Canadian Entomologist	2018	2	Jain University	3

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Youngsters opinion on personal data security	Seranma Devi R., Ramesh S.	International Journal of Mechanical and Production Engineering Research and Development	2018	3	Jain University	5
IoT based smart passenger surveillance system for airport	Deepa T.P., Pradeepa P.	International Journal of Engineering and Technology(UAE)	2018	5	Jain University	7
Hardware implementation and testing of PAPR reduction using order bit selector and trellis structure	Gayathri K.M., Bhargavi S., Thangadurai N.	Journal of Engineering and Applied Sciences	2018	4	Jain University	4
Shape Recognition and Matching by Using ContourSURF and Analysis	Keerthishree B.T., Amed M.	Proceedings of the International Confer	2018	2	Jain University	2

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Cerium dioxide and composites for the removal of toxic metal ions	Olivera S., Chaitra K., Venkatesh K., Muralidhara H.B., Inamuddin, Asiri A.M., Ahamed M.I.	Environmental Chemistry Letters	2018	5	Jain University	5
Patterning of nanopillarsbased CdS/CdTe thin films for photonic applications	Ilango M.S., Ramasesha S.K.	Surface Engineering	2018	3	Jain University	2
Biolytic extraction of poly(3hydroxybutyrate) from Bacillus megaterium Ti3 using the lytic enzyme of Streptomyces albus Tia1	Israni N., Thapa S., Shivakumar S.	Journal of Genetic Engineering and Biotechnology	2018	2	Jain University	2

Title	Authors	Journal	Year		University	
Influence of terminal alkoxy chain lengths on the solvatochromic and AIE properties of 4,6bis(4(3,4bis(alkoxy)styryl)phenyl)2methoxynicotinonitriles	Hemavathi B., Trupthi Devaiah C., Swathi M.G., Ahipa T.N.	Dyes and Pigments	2018	2	Jain University	2
Screening of potential probiotic lactic acid bacteria and production of amylase and its partial purification	Padmavathi T., Bhargavi R., Priyanka P.R., Niranjan N.R., Pavitra P.V.	Journal of Genetic Engineering and Biotechnology	2018	9	Jain University	9
Insights into the recent progress and advanced materials for photocatalytic nitrogen fixation for ammonia (NH 3) production	Vu M.H., Sakar M., Do T.O.	Catalysts	2018	2	Jain University	2
Novel bacteria foraging optimization for energyefficient communication in wireless sensor network	Hemavathi P., Nandakumar A.N.	International Journal of Electrical and Computer Engineering	2018	1	Jain University	1
Enhancement of PQ in grid connected PV system using hybrid technique	Sujatha B.G.,	Ain Shams Engineering	2018	2	Jain University	2

	Anitha G.S.	Journal			sity	
Design of shunt hybrid active power filter to reduce harmonics on AC side due to nonlinear loads	Madhu B.R., Dinesh M.N., Ravitheja B.M.	International Journal of Power Electronics and Drive Systems	2018	2	Jain University	2
Rapid visualization of fingerprints on various surfaces using ZnO superstructures prepared via simple combustion route	Deepthi N.H., Basavaraj R.B., Sharma S.C., Revathi J., Ramani, Sreenivasa S., Nagabhushana H	Journal of Science: Advanced Materials and Devices	2018	5	Jain University	5
Synthesis, crystal structure and excellent photoluminescence properties of copper (II) and cobalt (II) complexes with Bis(1[(4butylphenyl)imino]methyl naphthalen2ol) Schiff base	Nagaveni V.B., Mahadevan K.M., Vijayakumar G.R., Nagabhushana H., Naveen S.,	Journal of Science: Advanced Materials and Devices	2018	6	Jain University	6

	Lokana th N.K.					
Simulation and analysis of ZnO block characteristics using MATLAB	Leela A.M., Murali dhara V., Ravi K.N., Vasude v N., Aradhy a R.S.S.	Procee dings of the 2017 IEEE Interna tiona l Confer ence on Intell igent Techni ques in Contro l, Optimi zation and Signal Proces sing, INCOS 2017	20 18	1	Jai n Uni ver sit y	1
Ionothermal synthesis of TiO2 nanoparticles for enhanced photocatalytic H2 generation	Nagara ju G., Udayab hanu, Shubha J.P., Manjun ath K., Dupont J.	Intern ationa l Journa l of Hydrog en Energy	20 18	5	Jai n Uni ver sit y	5
Impact of Zinc oxide nanoparticles on eggplant (S. melongena): Studies on growth and the accumulation of nanoparticles	Thunug unta T., Reddy A.C., Seetha	IET Nanobi otechn ology	20 18	2	Jai n Uni ver sit y	2

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In Situ Generation of Cu0 Supported on TiO2 Aerogel as a Catalyst for the Vapour Phase Hydrogenation of Nitrobenzene to Aniline	Kainthla I., Gurram V.R.B., Bhanushali J.T., Kamaraju S.R.R., Keri R.S., Gosavi S.W., Jadhav A.H., Nagaraja B.M.	Catalysis Letters	2018	1	Jain University	1
Smart detection of rice purity and its grading	Manohar M., Chatrapathy K., Sowmya M.S.Proceedings of the 2017 3rd	Proceedings of the 2017 3rd International Conference on Applie	2018	5	Jain University	2

	International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 201Manohar M., Chatrapathy K., Sowmya M.S.7	d and Theoretical Computing and Communication Technology, iCATccT 2017				
QR code based randomized hybrid video encryption	Gornale S.S., Nuthan A.C.	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing,	20 18	3	Jai n Uni ver sit y	1

		ICECDS 2017				
Analysis of risk in software process models	Bhujang R.K., Suma V.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	6	Jain University	3
Interaction of promethazine and adiphenine to human hemoglobin: A comparative spectroscopic and computational analysis	Maurya N., uddin Parray M., Maurya J.K., Kumar A., Patel R.	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2018	12	Jain University	12
Revisting of elliptical curve cryptography for securing Internet of Things (IOT)	Shah D.P., Shah P.G.	2018 Advances in Science and Engineering Technology International Conferences,	2018	1	Jain University	1

		ASET 2018				
Effect of immobilized fungal phytase on growth performance and bone traits of broilers fed with low dietary calcium and phosphorus	Ajith S., Shet D., Ghosh J., Awachat V.B., Bhat K., Pal D., Elangovan A.V.	Veterinary World	2018	2	Jain University	2
Synthesis, spectral characterization and Xray crystal structure studies of 3(benzo[d][1,3]dioxol5yl)5(3methylthiophen2yl)4,5dihydro1Hpyrazole1carboxamide: Hirshfeld surface, DFT and thermal analysis	Kumara K., Dileep Kumar A., Naveen S., Ajay Kumar K., Lokanath N.K.	Journal of Molecular Structure	2018	5	Jain University	5
Molecular structure, Hirshfeld surface analysis, theoretical investigations and nonlinear optical properties of a novel crystalline chalcone derivative: (E)1(5bromothiophen2yl)3(ptolyl)prop2en1one	Pramodh B., Lokanath N.K., Naveen S., Naresh P., Ganguly S., Panda J.	Journal of Molecular Structure	2018	3	Jain University	3
New Paradigms for Commercial Benefits from	Murthi K.R.S.	New Space	2018	3	Jain	2

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The influence of physicochemical parameters on phosphate solubilization and the biocontrol traits of Pseudomonas aeruginosa FP6 in phosphatedeficient conditions	Bhakth avatch alu S., Shivak umar S.	Jordan Journa l of Biolog ical Scienc es	20 18	3	Jai n Uni ver sit y	3
Fluorescent Pseudomonas Mediated Alleviation of Trivalent Chromium Toxicity in Ragi Through Enhanced Antioxidant Activities	Varsha T., Kumudi ni B.S.	Procee dings of the Nation al Academ y of Scienc es India Sectio n B Biolog ical Scienc es	20 18	4	Jai n Uni ver sit y	4
The relationship of workplace flexibility to employee engagement among information technology employees in India	Ugargo l J.D., Patric k H.A.	South Asian Journa l of Human Resour ces Manage ment	20 18	2	Jai n Uni ver sit y	2
Performance analysis of a novel method for fast Handovers in TDD and FDD for Long Term Evolution	Venkat esh G.K., Rao P.V.	Intern ationa l Journa l of Engine ering and Techno	20 18	1	Jai n Uni ver sit y	4

		logy(UAE)				
Design and development of ASL recognition by kinect using bag of features	Pradeep Kumar B.P., Manjunatha M.B.	Advances in Intelligent Systems and Computing	2018	1	Jain University	1
Military airworthiness and certification procedures: Global scenario	Biswas K.	Lecture Notes in Mechanical Engineering	2018	2	Jain University	7
Crystal structure of 4phenyl3((4phenyl1H1,2,3triazol1yl)methyl)1H1,2,4triazole5(4H)thione, C17H14N6S	Aouad M.R., Messali M., Rezki N., Shivalingegowda N., Warad I.	Zeitschrift fur Kristallographie New Crystal Structures	2018	2	Jain University	3
Balancing tradeoff between data security and energy model for wireless sensor network	Manjunath B.E., Rao P.V.	International Journal of Electrical and Computer Engineering	2018	5	Jain University	5
Novel scheme for minimal iterative PSO algorithm for	Hemavathi P.,	International	2018	3	Jain Uni	3

extending network lifetime of wireless sensor network	Nandakumar A.N.	Journal of Electrical and Computer Engineering			versity	
Type2 fuzzy logic in pair formation	Shrinivasan L., Raol J.R.	Indonesian Journal of Electrical Engineering and Computer Science	2018	3	Jain University	4
Quantum dots as fluorescent probes: Synthesis, surface chemistry, energy transfer mechanisms, and applications	H. R C., Schiffman J.D., Balakrishna R.G.	Sensors and Actuators, B: Chemical	2018	48	Jain University	28
The crucial role of Rgenes/RGAs in hostmicrobial interactions and plant immunity	Reddy A.C., Naresh P., Lakshmana Reddy D.C.	Research Journal of Biotechnology	2018	5	Jain University	5
Novel patterning of CdS / CdTe thin film with back contacts for photovoltaic application	Ilango M.S., Ramasesha S.K.	Pramana Journal of Physics	2018	1	Jain University	7

Title	Author	Journal	Year		University	
Routing solutions of GJIBR for unica sting and multicasting over AODV in VANET	Komala C.R., Srinath N.K.	International Journal of Innovative Technology and Exploring Engineering	2019	9	Jain University	5
A study on dynamics and challenges on traditional banking and Ebanking services among senior citizens at Bangalore city	Lakshman K., Sulaiman N.	International Journal of Advanced Trends in Computer Science and Engineering	2019	6	Jain University	3
Structural and electrical properties of Ca0.9Dy0.1MnO3 prepared by solgel technique.	Nandan K.R., Kumar A.R.	Journal of Materials Research and Technology	2019	5	Jain University	2
Magnetite tethered mesoionic carbenepalladium (II): An efficient and reusable nanomagnetic catalyst for SuzukiMiyaura and MizorokiHeck crosscoupling reactions in aqueous medium	Kempasiddhaiah M., Kandathil V., Dateer R.B., Sasidh	Applied Organometallic Chemistry	2019	2	Jain University	2

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Onedimensional copper(II) coordination polymers based on 1,3bis(pyridin4yl)propane and diimine ligands	Bhat S.S., Shivalingegowda N., Revankar V.K., Kawade V.A., Butcher R.J., Lokanath N.K.	Acta Crystallographica Section C: Structural Chemistry	2019	1	Jain University	1
Poly (sunset yellow) sensor for dopamine: A voltammetric study	Kuskur C.M., Swamy B.E.K., Shivakumar K., Jayadevappa H., Sharma S.C.	Journal of Electroanalytical Chemistry	2019	5	Jain University	3
VSe2reduced graphene oxide as efficient cathode material for field emission	Ratha S., Bankar P., Gangan A.S., More M.A., Late D.J.,	Journal of Physics and Chemistry of Solids	2019	1	Jain University	1

	Behera J.N., Chakraborty B., Rout C.S.				
Photoluminescence properties of copper oxide nanoparticles: Effect of solvents	Horti N.C., Kamatagi M.D., Nataraj S.K.	AIP Conference Proceedings	2019	9	Jain University	2
Wavelet based analysis of EEG signal for detecting various conditions of driver	Viswavardhan Reddy K., Kumar N.	Proceedings of the 2019 IEEE International Conference on Communication and Signal Processing, ICCSP 2019	2019	8	Jain University	4
3D point cloud registration using AKAZE features and graph optimization	Dayananda Kumar N.C., Suresh K.V., Dinesh R.	Proceedings of the 2019 IEEE International Conference on Communicatio	2019	7	Jain University	7

		n and Signal Processing, ICCSP 2019				
Checklist of vespid wasps (Hymenoptera: Vespidae) of Goa, India, with new records and a key to species	Gawas S.M., Kumar P.G., Gupta A., Suresh an P.M.	Zootax a	20 19	4	Jai n Uni ver sit y	5
Data Categorization Using Hadoop MapReduceBased Parallel KMeans Clustering	Ansari Z., Afzal A., Sardar T.H.	Journa l of The Instit ution of Engine ers (India): Series B	20 19	5	Jai n Uni ver sit y	3
Fabrication of TiO 2 /poly (3Cyanopyridinefluorene) hybrid nanocomposite as electron transport layer for dye sensitized solar cell	Hemava thi B., Jagadi sh K., Ahipa T.N., Balakr ishna R.G.	Journa l of Electr oanaly tical Chemis try	20 19	3	Jai n Uni ver sit y	3
Performance analysis for node recovery and forward node move algorithm on channel models	Birada r D.V., Natara j K.R.	Intern ationa l Journa l of Engine ering and Advanc	20 19	6	Jai n Uni ver sit y	2

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Proteinprotein docking using multidimensional spherical basis functions on high performance computing platform	Abhishek K., Balaji S.	International Journal of Innovative Technology and Exploring Engineering	2019	9	Jain University	3
Optimization of batch electrochemical coagulation for treatment of real textile wastewater using stainless steel electrodes by ccd of rsm	Hanumanthappa S., Shivaswamy M., Mahesh S.	Desalination and Water Treatment	2019	8	Jain University	1
Hybrid CPUGPU model based simulation of spiking neural networks using a lookup table	Sreenivasa N., Balaji S.	International Journal of Innovative Technology and Exploring Engineering	2019	7	Jain University	4
Enhancement of thermographic images of composite laminates for debond detection: An approach based on Gabor filter and watershed	Sreeshan K., Dinesh R., Renji K.	NDT and E International	2019	5	Jain University	2

Title	Authors	Journal	Year		University	
Purification and biochemical characterization of extracellular glucoamylase from Paenibacillus amylolyticus strain	Lincoln L., More V.S., More S.S.	Journal of Basic Microbiology	20 19	8	Jain University	5
Multipurpose composite for heavy metal sorption, antimicrobial, and antioxidant applications	Olivera S., Hu C., Nagananda G.S., Reddy N., Venkatesh K., Muralidhara H.B.	International Journal of Environmental Science and Technology	20 19	9	Jain University	3
Analysis of total harmonic distortion in 5level inverter fed induction motor	Reddy Sudharshana K., Muralidhara V., Ramachandran A., Srinivasan R.	2018 International Conference on Computing, Power and Communication Technologies, GUCON 2018	20 19	6	Jain University	2
"Environmental friendly and cost effective caramel for congo red removal, high flux, and fouling resistance of polysulfone membranes	Lavanya C., Soontarapa K., Jyothi M.S.,	Separation and Purification Technology	20 19	5	Jain University	5

	Geetha Balakrishna R.				Jain University	
High altitude transonic aerodynamics of supercritical airfoil at different turbulence levels	Vinayaka N., Akshaya C., Lakshmikanthan A., Singh Yadav S.P., Sindhu R.P.	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2019	7	Jain University	1
Eeadoselfcloud: Energy efficient adaptive depth optimized self cloud mechanism for VM migration in data centers	Jason S., Suchithra R.	International Journal of Engineering and Advanced Technology	2019	6	Jain University	2
Insights into the tio2based photocatalytic systems and their mechanisms	Sakar M., Mithun Prakash R., TrongOn D	Catalysts	2019	2	Jain University	3
Effective composite membranes of cellulose acetate for removal of benzophenone3	Rajesha B.J., Vishaka V.H., Balakrishna G.R.,	Journal of Water Process Engineering	2019	2	Jain University	2

	Padaki M., Nazri N.A.M.					
An efficient technique to remove gaussian noise and improve the quality of magnetic resonance image	Rajeswaran N., Lawrence T.S., Ramkumar R.P., Thangadurai N.	International Journal of Innovative Technology and Exploring Engineering	2019	4	Jain University	6
Decision trees for segmentation and assessment of wound healing process of diabetic patients	Babu K.S., Sabut S., Ravi Kumar Y.B.	Biomedical Engineering Applications, Basis and Communications	2019	9	Jain University	4
Big data performance evalution of mapreduce pig and hive	Santosh Kumar J., Raghavendra S., Raghavendra B.K., Meenakshi	International Journal of Engineering and Advanced Technology	2019	8	Jain University	5
Vibration Controllability of Sandwich Structures with Smart Materials of Electrorheological Fluids	Kolekar S., Venkatesh	Journal of Vibrational	2019	7	Jain Univer	7

and Magnetorheological Materials: A Review	K., Oh J.S., Choi S.B.	Engineering and Technologies			sity	
Extension of the lexicon algorithm for sarcasm detection	Balanke J.H., Haripriya V.	Proceedings of the 3rd International Conference on Computing Methodologies and Communication, ICCMC 2019	2019	3	Jain University	1
Detection and identification of a required keyword within an audio content	Naresh E., Vijaya Kumar B.P., Niranjanamurthy M.	International Journal of Recent Technology and Engineering	2019	9	Jain University	4
Isolation, screening and optimization of extracellular glucoamylase from Paenibacillus amylolyticus strain NEO03	Lincoln L., More V.S., More S.S.	Biocatalysis and Agricultural Biotechnology	2019	8	Jain University	2
Antimicrobial properties of green synthesis of MgO	Nijalingappa	Biocatalysis	2019	1	Jain	1

micro architectures via Limonia acidissima fruit extract	T.B., Veeraiah M.K., Basavaraj R.B., Darshan G.P., Sharma S.C., Nagabhushana H.	and Agricultural Biotechnology			University	
Laser shock peening modified surface texturing, microstructure and mechanical properties of graphene dispersion strengthened aluminium nanocomposites	Prabhakaran S., Kumar H.G.P., Kalainathan S., Vasudevan V.K., Shukla P., Lin D.	Surfaces and Interfaces	2019	1	Jain University	1
Uptake and distribution of fluopyram and tebuconazole residues in tomato and bell pepper plant tissues	Matadha N.Y., Mohapatra S., Siddamallaiah L., Udupi V.R., Gadigeppa S., Raja D.P.	Environmental Science and Pollution Research	2019	7	Jain University	3

Exploration of graphene oxide nanoribbons as excellent electron conducting network for third generation solar cells	Kusuma J., Balakrishna R.G., Patil S., Jyothi M.S., Chandan H.R., Shwetharani R.	Solar Energy Materials and Solar Cells	2018	31	Jain University	31
Improved Nonenzymatic Glucose Sensing Properties of Pd/MnO2 Nanosheets: Synthesis by Facile MicrowaveAssisted Route and Theoretical Insight from Quantum Simulations	Ponnusamy R., Gangan A., Chakraborty B., Late D.J., Rout C.S.	Journal of Physical Chemistry B	2018	3	Jain University	3
Hydroxypyridinone derivatives: A fascinating class of chelators with therapeutic applications An update	Chaves S., Piemontese L., Hiremathad A., Santos M.A.	Current Medicinal Chemistry	2018	14	Jain University	14
How farmers benefit from integration of EO, meteorological, positioning and field data in an analytics engine The AgriGIS example of S Odisha, India	Rao M.K., Murthi S.K.R., Sreeram G.C., Nayak	Proceedings of the International Astronautical	2018	7	Jain University	6

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Network lifetime enhancement using energy aware sink and node relocation min hop method for wireless sensor network	Biradar D.V., Nataraj K.R.	Journal of Advanced Research in Dynamical and Control Systems	2019	7	Jain University	4
Phosphorescent cyclometalated iridium(iii) complexes: Synthesis, photophysics, DNA interaction, cellular internalization, and cytotoxic activity	Bhat S.S., Revankar V.K., Pinjari R.V., Naveen S., Lokanath N.K., Kumbar V., Bhat K., Kokare D.G.	New Journal of Chemistry	2018	1	Jain University	1
Exploring the chelating capacity of 2hydroxyphenylbenzimidazole based hybrids with multitarget ability as antiAlzheimers agents	Chaves S., Hiremathad A., Tomás	New Journal of Chemistry	2018	2	Jain University	2

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Direct conversion of lignocellulosic biomass to biomimetic tendrillike functional carbon helices: A protein friendly host for cytochrome C	Aruchamy K., Bisht M., Venkatesu P., Kalpana D., Nidhi M.R., Singh N., Ghosh D., Mondal D., Nataraj S.K.	Green Chemistry	2018	3	Jain University	3
Development and testing of nanoclay composites for pressure pad application	Vijaykumar M.S., Saravanan R., Rajasekar K., Dhandapani N.V.	International Journal of Vehicle Structures and Systems	2018	1	Jain University	1
Review on VLSI design using optimization and selfadaptive particle swarm optimization	Kumar S.B.V., Rao P.V., Sharath	Journal of King Saud University	2018	3	Jain University	3

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Synthesis of ZnFe 2 O 4 Nanoparticle by Combustion and Sol Gel Methods and their Structural, Photoluminescence and Photocatalytic Performance	Renuka L., Anantharaju K.S., Sharma S.C., Vidya Y.S., Nagaswarupa H.P., Prashantha S.C., Nagabhushana H.	Materials Today: Proceedings	2018	8	Jain University	5
Synthesis, in silico and antifungal studies of novel thiophene analogues containing pyrazole ring	AlMaqtari H.M., Jamalis J., Chander S., Sirat H.M., Naveen S., Lokanath N.K., Bohari S.P.M., Bhagwat D.P., Sankaranaray	Letters in Drug Design and Discovery	2018	1	Jain University	1

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Synthesis, spectroscopic and Hirshfeld surface analysis and fluorescence studies of (2E,20E)3,30(1,4phenylene)bis[1(4hydroxyphenyl)prop2en 1one] N,Ndimethylformamide disolvate	Kwong H.C., Sim A.J., Kumar Chidan C.S., Quah C.K., Chantr apromm a S., Naveen S., Warad I.	Acta Crysta llogra phica Sectio n E: Crysta llogra phic Commun icatio ns	20 18	2	Jai n Uni ver sit y	4
Identification of bioactive glucoselowering compounds of methanolic extract of Hodgsonia heteroclita fruit pulp	Usha T., Goyal A.K., Narzar y D., Prakas h L., Wadhwa G., Babu D., Shanmu garaja n D., Middha S.K.	Fronti ers in Biosci ence Landma rk	20 18	2	Jai n Uni ver sit y	2
Efficient synthesis and characterization of novel indolizines: Exploration of: In vitro COX2 inhibitory activity and molecular modelling studies	Chandr ashekh arappa S., Venugo pala K.N., Tratra t C., Mahomo odally	New Journa l of Chemis try	20 18	4	Jai n Uni ver sit y	4

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Facile ultrasound route for the fabrication of green emitting Ba 2 SiO 4 :Eu 2 nanophosphors for display and dosimetric applications	Venkataravanappa M., Nagabhushana H., Darshan G.P., Sharma S.C., Archana K.V., Basavaraj R.B., Prasad B.D.	Materials Research Bulletin	2018	10	Jain University	10
Crystal structure and Hirshfeld surface analysis of (E)3(2chloro4fluorophenyl)1(2,5dichlorothiophen3yl)prop2en1one	Sanjeeva Murthy T.N., Naveen S.,	Acta Crystallographica Section E:	2018	1	Jain University	1

	Chidan Kumar C.S., Veeraiah M.K., Quah C.K., Siddaraju B.P., Warad I.	Crystallographic Communications				
A detailed study on machine learning techniques for data mining	Guruvayur S.R., Suchithra R.	Proceedings International Conference on Trends in Electronics and Informatics, ICEI 2017	2018	3	Jain University	3
Synthesis, spectra and Xray crystallography of dipyridin2ylmethanone oxime and its CuX2(oxime)2 complexes: Thermal, Hirshfeld surface and DFT analysis	Warad I., Abdoh M., Al Ali A., Shivalingegowda N., Kumara K., Zarrouk A., Lokanath N.K.	Journal of Molecular Structure	2018	4	Jain University	4

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Effect of hydraulic coefficient on membrane performance for rejection of emerging contaminants	Babu V.S., Padaki M., DSouza L.P., Déon S., Geetha Balakrishna R., Ismail A.F.	Chemical Engineering Journal	2018	5	Jain University	5
Insights into the genome sequence of ovine Pasteurella multocida type A strain associated with pneumonic pasteurellosis	Sahay S., Shome R., Sankarasubramanian J., Vishnu U.S., Prajapati A., Natesan K., Shome B.R., Rahman H., Rajendhran J.	Small Ruminant Research	2018	4	Jain University	3
Comparative study of natural and artificial flavoring agents and dyes	Dikshit R., Tallapragada P.	Natural and Artifiial Flavoring Agents and Food Dyes: Handbo	2018	3	Jain University	3

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Mitigation of ionosphere scintillation effects on navigation receiver using Kalman filter technique	Ramakrishna M.T., Garudachar R.	International Journal of Intelligent Engineering and Systems	2018	7	Jain University	8
Performance enhancement of MRPSOC for multimedia applications	Kavitha V., Ramakrishanan K.V.	Advances in Intelligent Systems and Computing	2018	2	Jain University	7
Production, characterization and iron binding affinity of hydroxamate siderophores from rhizosphere associated fluorescent Pseudomonas	Deori M., Jayamohan N.S., Kumudini B.S.	Journal of Plant Protection Research	2018	1	Jain University	1
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Payload fragmentation framework for highperformance computing in cloud environment	Vivek V., Srinivasan R., Elijah Blessing R., Dhanasekaran R.	Journal of Supercomputing	2019	7	Jain University	5
Rational design of bifunctional RE 3 (RE Tb, Ce) and alkali metals (M Li, Na, K) codoped CaAl 2 O 4 nanophosphors for solid state lighting and advanced forensic applications	Shashikala B.S., Premkumar H.B., Darshan G.P., Nagabhushana H., Sharma S.C., Prashantha S.C.	Materials Research Bulletin	2019	4	Jain University	5
A Generalized Research Study on distance measures, learning algorithms and datasets	Nagaraja A., Uma B.	ACM International Conference Procee	2019	6	Jain University	7

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Intrusion detection using dimensionality reduced soft matrix	Nagaraja A., Uma B.	ACM International Conference Proceeding Series	2019	9	Jain University	4
AntiVenom Potential of Canthium parviflorum Against Naja naja Venom by In Vitro and In Vivo Studies	Shrikanth V.M., Janardhan B., More S.S.	Proceedings of the National Academy of Sciences India Section B Biological Sciences	2019	8	Jain University	3
Low operating pressure nanofiltration membrane with functionalized natural nanoclay as antifouling and flux promoting agent	Nidhi Maalige R., Aruchamy K., Mahto A., Sharma V., Deepika D., Mondal D., Nataraj S.K.	Chemical Engineering Journal	2019	2	Jain University	2
Fouling resistant functional blend membrane for removal of organic matter and heavy metal ions	Lavanya C., Balakrishna	Journal of Environmenta	2019	2	Jain Univer	2

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ZnO Zeolite Nanocomposite for Photocatalytic Elimination of Benzophenone and Caffeine	Jagannatha R.B., Rani R S., Padaki M.	ChemistrySelect	2019	8	Jain University	2
A sustainable low temperature yarn reinforcing process to reduce water and energy consumptions and pollution in the textile industry	Jiang Q., Chen S., Deng X., Feng Y., Reddy N., Zhu Q., Liu W., Qiu Y.	Journal of Cleaner Production	2019	9	Jain University	1
Membranebased separation of potential emerging pollutants	Dharupaneedi S.P., Nataraj S.K., Nadagouda M., Reddy K.R., Shukla S.S., Aminabhavi T.M.	Separation and Purification Technology	2019	19	Jain University	19
Genome sequence analysis of the Indian strain	Sahay S.,	Annals of	2019	7	Jain	4

Mannheimia haemolytica serotype A2 from ovine pneumonic pasteurellosis	Shome R., Sankarasubramanian J., Vishnu U.S., Prajapati A., Natesan K., Shome B.R., Rahman H., Rajendhran J.	Microbiology			University	
Parallelization and analysis of selected numerical algorithms using OpenMP and Pluto on symmetric multiprocessing machine	Sardar T.H., Faizabadi A.R.	Data Technologies and Applications	2019	4	Jain University	2
Convenient and efficient Suzuki–Miyaura and Heck–Mizoroki crosscoupling reactions catalyzed by 1,3,4trisubstituted1,2,3triazolium iodide and palladium salt systems	Shahini C.R., Achar G., Budagumpi S., Dateer R.B., Müller Bunz H., Tacke M., Patil S.A.	Journal of Coordination Chemistry	2019	5	Jain University	4
High charge acceptance through interface reaction on carbon coated negative	Sadhasivam T.,	Electrochimi	2019	1	Jain Uni	1

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Promising red emission from functionalized Polypyrrole/CaTiO3:Eu3 nanocomposites for photonic applications	Inamda r H.K., Ambika Prasad M.V.N. , Basava raj R.B., Sasika la M., Sharma S.C., Nagabh ushana H.	Optica l Materi als	20 19	1	Jai n Uni ver sit y	1
Flexible, biodegradable and recyclable solar cells: a review	Sadasi vuni K.K., Deshmu kh K., Ahipa T.N., Muzaff ar A., Ahamed M.B., Pasha S.K.K. , AlMaad	Journa l of Materi als Scienc e: Materi als in Electr onics	20 19	2	Jai n Uni ver sit y	2

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Preliminary studies on corner reflectors responses as seen in Sentinel1A images over Kanakapura region	Onisi Kirubanandam N., Raju G.	Journal of the Indian Society of Remote Sensing	2019	6	Jain University	1
SelfDoped Interwoven Carbon Network Derived from Ulva fasciata for AllSolid Supercapacitor Devices: SolventFree Approach to a Scalable Synthetic Route	Chaudhary J.P., Gupta R., Mahto A., Vadodariya N., Dharmalingm K., Sanna Kotrappanavar N., Meena R.	ACS Sustainable Chemistry and Engineering	2019	1	Jain University	1
Nanostructured Stannic Oxides for White Light Emitting Diodes Provides Authentication for Latent Fingerprints Visualization under Diverse Environmental Conditions	Deepthi N.H., Darshan G.P., Basavaraj R.B., Prasad B.D., Sharma S.C., Kavyashree D.,	ACS Sustainable Chemistry and Engineering	2019	8	Jain University	3

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Exact solutions for laminated composite beams using a unified state space formulation	Srinivasan R., Dattaguru B., Singh G.	International Journal of Computational Methods in Engineering Science and Mechanics	2019	4	Jain University	1
Sustainable fixation of CO2 into epoxides to form cyclic carbonates using hollow marigold CuCo2O4 spinel microspheres as a robust catalyst	Prasad D., Patil K.N., Bhanushali J.T., Nagara	Catalysis Science and Technology	2019	8	Jain University	4

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Metabolomics: Global scenario and explored avenues	Mussavira S., Bindhu O.S.	Dusunen Adam	2019	9	Jain University	2
Recent synthetic advances in pyridinebased thermotropic mesogens	Devadiga D., Ahipa T.N.	RSC Advances	2019	6	Jain University	3
Purification and characterization of a protease inhibitor with anticancer potential from bacillus endophyticus JUPR15	Venkatachalam P., Nadumane V.K.	Current Cancer Therapy Reviews	2019	5	Jain University	2
Radiometric Calibration of RISAT1 SAR Image Using Integral Method	Manjula T.R., Praveen T.N., Vinod Raju M., Vishwanath B.D., Meghana P., Raju G.	Lecture Notes in Electrical Engineering	2019	4	Jain University	1
A novel optimization approach for solving optimal load shedding problem considering different voltage stability indices	Raghu C.N., Manjunatha A., Raghav	International Journal of Scient	2019	8	Jain University	3

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Hydrothermally synthesized carbon nanotubes for electrochemical hydrogen storage application	Namith a R., Radhik a D., Krishn amurth y G.	Vopros y Khimii i Khimic heskoi Tekhno logii	20 19	6	Jai n Uni ver sit y	2
A review of magnetorheological fluid damper technology and its applications	Khedka r Y.M., Bhat S., Adarsh a H.	Intern ationa l Review of Mechan ical Engine ering	20 19	5	Jai n Uni ver sit y	1
Mitigation of Drought Stress by Piriformospora indica in Solanum melongena L. cultivars	Swetha S., Padmav athi T	Procee dings of the Nation al Academ y of Scienc es India Sectio n B Biolog ical Scienc es	20 19	4	Jai n Uni ver sit y	4
Synthesis of poly(4, 4'biphenylene sulfonyl succinamide)polysulfone blend membranes for removal of toxic metal ions from water	Subrah manya T.M., Naik N.S., Padaki M.,	Journa l of Applie d Polyme r	20 19	7	Jai n Uni ver sit y	2

	Geetha Balakrishna R., Jyothi M.S., Yadav S., Hung W.S.	Science				
Analysis of ASL recognition system for aligned RGBD image	Pradeep Kumar B.P., Manjunatha M.B.	Journal of Advanced Research in Dynamical and Control Systems	2018	1	Jain University	1
In emerging eo newspace global markets Challenges for Indian remote sensing systems	Sridhara Murthi K.R., Rao M.K.	Proceedings of the International Astronautical Congress, IAC	2018	5	Jain University	6
Architectures of charge pump for digital phase locked loops	Rajeshwari D.S., Rao P.V.	Lecture Notes in Networks and Systems	2018	4	Jain University	4
An energy efficient data gathering scheme in wireless sensor networks	Sree Ranjani	Journal of Comput	2018	1	Jain Uni	1

using adaptive optimization algorithm	N.Y., Ananth A.G., Sudershan Reddy L.	ationa l and Theore tical Nanosc ience			ver sit y	
Polycondensation of thiopheneflanked cyanopyridine and carbazole via direct arylation polymerization for solar cell application	Hemava thi B., Kesava n A.V., Chandr asheka ra G.K., Ramamu rthy P.C., Pai R.K., Ahipa T.N., Geetha Balakr ishna R.	Reacti ve and Functi onal Polyme rs	20 18	2	Jai n Uni ver sit y	2
A hybrid approach for cost effective routing for WSNs using PSO and GSO algorithms	Asha G.R., Gowris hankar	2017 Intern ationa l Confer ence on Big Data, IoT and Data Scienc e, BID 2017	20 18	2	Jai n Uni ver sit y	2
Band structure of the quaternary Heusler alloys ScMnFeSn and ScFeCoAl	Shanth i N., Teja Y.N.,	AIP Confer ence	20 18	6	Jai n Uni ver	1

	Shaji S.M., Hosamani S., Divya H.S.	Proceedings			sity	
Director General, NCC	Kongot M., Maurya N., Dohare N., Parray M.U.D., Maurya J.K., Kumar A., Patel R	Journal of Biomolecular Structure and Dynamics	2018	7	Jain University	7
Monitoring of tropical cyclone formation, growth and dissipation by using SAPHIR sensor	Vasudha M.P., Raju G.	Mausam	2018	2	Jain University	2
Handling Unknown with Blend of Scan and Scan Compression	Shantagiri P.V., Kapur R.	Journal of Electronic Testing: Theory and Applications (JETTA)	2018	1	Jain University	1
Remarkably selective biocompatible turnon fluorescent probe for detection of Fe3 in human blood samples and cells	Vishaka V.H., Saxena M., Geetha B.R.,	RSC Advances	2019	2	Jain University	4

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Analysis of vocal tract shape variability for different conditions in Indian English vowels	Chandrashekar A.K., Manjunatha M.B.	Journal of Engineering and Applied Sciences	2018	4	Jain University	5
Removal of pentachlorophenol pesticide from aqueous solutions using modified chitosan	Shankar A., Kongot M., Saini V.K., Kumar A.	Arabian Journal of Chemistry	2018	9	Jain University	9
A nanocatalytic approach for CB bond formation reactions	Verma P.K., Shegavi M.L., Bose S.K., Geetharani K.	Organic and Biomolecular Chemistry	2018	6	Jain University	6
FPGA implementation of AES algorithm for image, audio, and video signal	Sapna Kumari C., Prasad K.V.	Advances in Intelligent Systems and Computing	2018	3	Jain University	8
Exploring multilateral cloud computing security architectural design debt in terms of technical debt	Manoj Kumar M., Nandakumar A.N.	Smart Innovation, Systems and	2018	7	Jain University	5

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Online static security assessment module using radial basis neural network trained with particle swarm optimization	Lekshm i M., Nagara j M.S.	Lectur e Notes in Electr ical Engine ering	20 18	2	Jai n Uni ver sit y	4
Ether and coumarin- functionalized (benz)imidazolium salts and their silver(I)-N- heterocyclic carbene complexes: Synthesis, characterization, crystal structures and antimicrobial studies	Achar G., Agarwa l P., Brinda K.N., Małeck i J.G., Keri R.S., Budagu mpi S.	Journa l of Organo metall ic Chemis try	20 18	7	Jai n Uni ver sit y	7
Functionalized seaweedderived graphene/polyaniline nanocomposite as efficient energy storage electrode	Gupta R., Vadoda riya N., Mahto A., Chaudh ary J.P., Parmar D.B., Srivas tava D.N., Natara j S.K., Meena R.	Journa l of Applie d Electr ochemi stry	20 18	4	Jai n Uni ver sit y	4
Turbulent heat transfer and friction factor of nanodiamondnickel hybrid	Sundar L.S., Singh	Intern ationa l	20 18	1 5	Jai n Uni	1 5

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Robust hybrid framework for automatic facial expression recognition	Gunavathi H.S., Siddappa M.	International Journal of Engineering and Technology(UAE)	2018	3	Jain University	1
Investigation on Mechanical Behavior of Hot Rolled Al7075TiB2 Insitu Metal Matrix Composite	Gajakosh A.K., Keshavamurthy R., Ugrasen G., Adarsh H.	Materials Today: Proceedings	2018	4	Jain University	3
Comparison of traditional growout test and DNAbased PCR assay to estimate F1 hybrid purity in cauliflower	Pattanaik A., Lakshmana Reddy D.C., Ramesh S., Chennareddy A.	Current Science	2018	6	Jain University	2
Robust multi variable process control chart pattern recognition using neural modeling	Kadakadiyavar S., Ramrao N.,	Journal of Engineering and Applie	2018	7	Jain University	1

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Visible light induced degradation of pollutant dyes using a selfassembled graphene oxidemolybdenum oxobis(dithiolene) composite	Mitra J., Saxena M., Paul N., Saha E., Sarkar R., Sarkar S.	New Journal of Chemistry	2018	1	Jain University	1
An Energy Conservation Strategy Using Variable Frequency Drive for a Hydraulic Clamping System in a CNC Machine	Ramesh S., Ashok S.D., Nagaraj S.	Materials Today: Proceedings	2018	2	Jain University	2
Optimisation of laser cutting of SS 430 plate using advanced Taguchi entropy weightedbased GRA methodology	Velayutham K., Venkadeshwaran K., Selvakumar G.	International Journal of Mechatronics and Manufacturing Systems	2018	8	Jain University	4
Methane mitigation potential of phytosources from Northeast India and their effect on rumen fermentation characteristics and protozoa in vitro	Baruah L., Malik P.K., Kolte A.P., Dhali A., Bhatta R.	Veterinary World	2018	1	Jain University	1

Multiresolution approch for the segmentation of brain tumor from MR images using active contour model	Mahesan K.V., Bhargavi S., Jayadevappa D.	Journal of Advanced Research in Dynamical and Control Systems	2018	2	Jain University	5
Multiculture diversity based self adaptive particle swarm optimization for optimal floorplanning	Kumar S.B.V., Rao P.V., Singh M.K.	Multiagent and Grid Systems	2018	4	Jain University	6
Synthesis of cocrystals/salts of flucytosine: Structure and stability	Nechipadappu S.K., Ramachandran J., Shivalingegowda N., Lokanath N.K., Trivedi D.R.	New Journal of Chemistry	2018	2	Jain University	2
Biometric authentication of a person using mouse gesture dynamics: An innovative approach	Baraki P., Ramaswamy V.	Advances in Intelligent Systems and Computing	2018	6	Jain University	7
Indigenous design and development of the cathodic arc system for the growth of nanocarbon thin Films	Nirupama M.P., Gandla	Materials Today:	2018	5	Jain Univer	1

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A study on prognostic analysis of attachment lugs under offaxis loading	Kenchappa B., Chikmath L., Dattaguru B.	International Journal of Structural Integrity	20 19	5	Jain University	3
Performance Enhancement with Improved Security an Approach for Formulating RFID as an Itinerary in Promulgating Succour for Object Detection	Pandian M.T., Sukumar R.	Wireless Personal Communications	20 19	9	Jain University	2
Rumen methane amelioration in sheep using two selected tanniferous phytoleaves	Baruah L., Malik P.K., Kolte A.P., Goyal P., Dhali A., Bhatta R.	Carbon Management	20 19	8	Jain University	5
Integrating the power of social media dataset impact in medical diagnosis	Suresh A., Devi A.J.	International Journal of Intelligent Enterprise	20 19	7	Jain University	6

Introduction	Borah S., Jayanthiladevi A.	International Journal of Intelligent Enterprise	2019	2	Jain University	1
Revisiting the materials and mechanism of metal oxynitrides for photocatalysis	Sakar M., Prakash R.M., Shinde K., Balakrishna G.R.	International Journal of Hydrogen Energy	2019	5	Jain University	3
Motion artifact detection model using machine learning technique for classifying abnormalities in human being	Subhagya D.S., Keshavamurthy C.	International Journal of Innovative Technology and Exploring Engineering	2019	4	Jain University	2
Node recovery and forward node move algorithm for network lifetime enhancement	Biradar D.V., Nataraj K.R.	International Journal of Recent Technology and Engineering	2019	7	Jain University	4
Unique analytical modelling of secure communication in	Manjunath	Internationa	2019	8	Jain n	6

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Editorial	Borah S., Jayanthiladevi A.	International Journal of Internet Protocol Technology	2019	9	Jain University	8
Swarm intelligence based optimization of energy consumption in cognitive radio network	Gogoi A.J., Choudhury H.A., Baishnab K.L.	Journal of Intelligent and Fuzzy Systems	2019	1	Jain University	1
Combustion science	Chakraborty D., Mukunda H.S.	Current Science	2019	6	Jain University	3
Hybrid parallelization of proteinligand docking using fast fourier transformations and rigid body conformation	Abhishek K., Balaji S.	International Journal of Innovative Technology and	2019	3	Jain University	2

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Automated parameterless optical mark recognition	Dayananda Kumar N.C., Suresh K.V., Dinesh R.	Lecture Notes in Networks and Systems	2019	2	Jain University	1
Topology hiding of connected network elements using diameter protocol	Jha D., Shahi B., Dushyanth N.D.	Lecture Notes in Networks and Systems	2019	5	Jain University	3
Congestion control in backhaul network using strongly typed genetic programming	Shahi B., Jha D., Dushyanth N.D.	Lecture Notes in Networks and Systems	2019	8	Jain University	5
A new low power 4Tbased three input universal gate for high speed applications	Geetha Priya M., Shahi B., Jha D.	Lecture Notes in Networks and Systems	2019	7	Jain University	6
A novel SBox generation of AES using elliptic curve cryptography (ECC)	Sapna Kumari C., Prasad K.V.	International Journal of Innovative Technology	2019	1	Jain University	1

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Automatic recognition of cognitive states using multimodal approaches in elearning environments	Gunava thi H.S., Siddap pa M.	Journal of Engineering and Applied Sciences	2019	5	Jain University	3
Investigation of hydraulic performance of a flap type check valve using CFD and experimental technique	Sitaram N., Nagaraj A., Adarsha H., Prasad K.V., Ravina rayan V.	International Journal of Mechanical Engineering and Technology	2019	9	Jain University	2
Shortestpath routing in wireless mesh networks under time varying linkcost metric	Nandini K.S., Hariprasad S.A.	International Journal of Innovative Technology and Exploring Engineering	2019	8	Jain University	1
Coumarinsubstituted 1,2,4triazolederived silver(i) and gold(i) complexes: Synthesis, characterization and anticancer studies	Achar G., Shahini C.R., Patil	New Journal of Chemistry	2019	2	Jain University	2

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RSOMBased Clustering and Routing in WSNs	Asha G.R., Subrahmanyam G.	Advances in Intelligent Systems and Computing	2019	7	Jain University	4
Digital privacy and data security in cloudbased services: A call for action	Deshpande V.M., Nair M.K.	Studies in Computational Intelligence	2019	4	Jain University	5
A hardware implementation of fractal quadtree compression for medical images	Padmavati S., Meshram V.	Studies in Computational Intelligence	2019	5	Jain University	3
Dietary phytase supplementation during peak egg laying cycle of White Leghorn hens on nutrient utilization and functional gene mRNA expression in duodenum and kidney	Shet D., Ghosh J., Ajith S., Awachat V.B., Bhat K.S., Gowda N.K.S., Pal D., Elangovan A.V.	Biological Rhythm Research	2019	6	Jain University	2

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Highly efficient hydrogen production by hydrolysis of NaBH4 using eminently competent recyclable Fe2O3 decorated oxidized MWCNTs robust catalyst	Prasad D., Patil K.N., Sandhya N., Chaitra C.R., Bhanushali J.T., Samal A.K., Keri R.S., Jadhav A.H., Nagaraja B.M.	Applied Surface Science	2019	2	Jain University	2
EEG artifact detection model: A landmarkbased approach	Mouneshachari S., Sanjay Pande M.B., Raveesh B.N.	Advances in Intelligent Systems and Computing	2018	4	Jain University	5
An oFFON quantum dotgraphene oxide bioprobe for sensitive detection of	Hunsur Ravikumar	Analyst	2019	2	Jain Uni	2

micrococcal nuclease of: Staphylococcus aureus	C., Ira Gowda M., Balakrishna R.G.				versity	
Alanine dehydrogenase and its applications-A review	Dave U.C., Kadeppagari R.K.	Critical Reviews in Biotechnology	2019	3	Jain University	4
Machine learning and predictionbased resource management in IoT considering Qos	Bhaddurgatte R.C., Vijaya Kumar B.P., Kusuma S.M.	International Journal of Recent Technology and Engineering	2019	9	Jain University	2
A review on electrical characterization techniques performed to study the device performance of quantum dot sensitized solar cells	Kusuma J., Geetha Balakrishna R.	Solar Energy	2018	7	Jain University	7
Zinc sulfamate catalyzed efficient selective synthesis of benzimidazole derivatives under ambient conditions	Mathapati S.R., Jadhav A.H., Swami M.B., Dawle J.K.	Letters in Organic Chemistry	2019	1	Jain University	2
Experimental study on Al2O3 /H2O nanofluid with conical sectional insert in concentric tube heat exchanger	Arulprakasajothi M., Dilip	Energy Sources, Part A:	2019	7	Jain University	3

	Raja N., Beemku mar N., Elango van K.	Recove ry, Utiliz ation and Enviro nmenta l Effect s			sit y	
VSA Vocal based smart phone authentication system	Husein S.T., Saravа na Balaji B., Saleem Basha M.S., Mathiy alagan R.	Intern ationa l Journa l of Engine ering Resear ch and Techno logy	20 19	8	Jai n Uni ver sit y	2
An experimental and computational study of enhanced charge storage capacity of chemical vapor deposited Ni3S2reduced graphene oxide hybrids	Rout C.S., Mondal S., Samal R., Gangan A.S., Nayak S.K., Chakra borty B.	Applie d Surfac e Scienc e	20 19	5	Jai n Uni ver sit y	3
Paper based field deployable sensor for naked eye monitoring of copper (II) ions elucidation of binding mechanism by DFT studies	Vishak a H.V., Saxena M., Chanda n H.R., Ojha A.A., Balakr	Spectr ochimi ca Acta Part A: Molecu lar and Biomol ecular	20 19	1	Jai n Uni ver sit y	1

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Partial purification and characterization of phytase from Aspergillus foetidus MTCC 11682	Ajith S., Ghosh J., Shet D., ShreeV idhya S., Punith B.D., Elango van A.V.	AMB Expres s	20 19	6	Jai n Uni ver sit y	2
Synthesis, crystal structure and molecular docking studies of novel 2(4benzoylpiperazin1yl) quinoline3carbaldehyde	Desai N.R., Aruna Kumar D.B., Suchet an P.A., Lokana th N.K., Naveen S., Shivar aja G., Sreeni vasa S.	Chemic al Data Collec tions	20 19	7	Jai n Uni ver sit y	5
The efficient mixed matrix antifouling membrane for surfactant stabilized oilinwater nanoemulsion separation	Naik N.S., Padaki M., Déon S., Karuna karan G., Dizge N.,	Journa l of Water Proces s Engine ering	20 19	8	Jai n Uni ver sit y	4

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Experimental and density functional theory investigations of catechol sensing properties of ZnO/RGO nanocomposites	Ponnusamy R., Venkatesan R., Gangan A., Samal R., Chakraborty B., Late D.J., Rout C.S.	Applied Surface Science	2019	9	Jain University	7
Effect of nanofluid on reducing the smoke emissions from diesel engine	Arul Gnana Dhas A., Nagappan B., Yoganand K., Arvind T., Varghese S., Christopherselvam D	Petroleum Science and Technology	2019	4	Jain University	5
Synthesis, characterization, crystal structure and antibacterial properties of N- and O-functionalized (benz)imidazolium salts and their N-heterocyclic carbene silver(I) complexes	Achar G., Hokrani P.P., Brinda K.N., Małecki J.G.,	Journal of Molecular Structure	2019	5	Jain University	4

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From agriculture residue to catalyst support A green and sustainable cellulosebased dip catalyst for C-C coupling and direct arylation	Kandathil V., Kempasiddaiah M., B. S. S., Patil S.A.	Carbohydrate Polymers	2019	7		Jain University	6
Influence of curing condition on thermomechanical properties of fly ash reinforced epoxy composite	Pattanaik A., Mukherjee M., Mishra S.B.	Composites Part B: Engineering	2019	1		Jain University	8
Coumarin tethered cyclic imides as efficacious glucose uptake agents and investigation of hit candidate to probe its binding mechanism with human serum albumin	Reddy D.S., Kongot M., Singh V., Maurya N., Patel R., Kumar Singhal N., Avecilla F., Kumar A	Bioorganic Chemistry	2019	2		Jain University	9
Design, synthesis, and molecular docking study of new piperazine derivative as potential antimicrobial agents	Patil M., Noonikara Poyil A., Joshi S.D., Patil	Bioorganic Chemistry	2019	3		Jain University	4

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Investigating the role of precipitating agents on the electrochemical performance of MgCo2O4	Kulkarni P., Varnika C., Tong B.L.Y., Ghosh D., Balakrishna G., Rawat R.S., Adams S., Reddy M.V.	Journal of Electroanalytical Chemistry	2019	4	Jain University	5
Synthesis and photoluminescence properties of titanium oxide (TiO2) nanoparticles: Effect of calcination temperature	Horti N.C., Kamatagi M.D., Patil N.R., Nataraj S.K., Sannaikar M.S., Inamdar S.R.	Optik	2019	5	Jain University	6
Phase dependent photoluminescence and thermoluminescence properties of Y2SiO5:Sm3 nanophosphors and its advanced forensic applications	Gowri M.M., Darshan G.P., Naik Y.V., Premku	Optical Materials	2019	6	Jain University	3

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Sulfonic acid functionalized PVA/PVDF composite hollow microcapsules: Highly phenomenal recyclable catalysts for sustainable hydrogen production	Prasad D., Patil K.N., Chaitra C.R., Sandhya N., Bhanushali J.T., Gosavi S.W., Jadhav A.H., Nagaraja B.M.	Applied Surface Science	2019	1	Jain University	1
Poly (benzoguanamine) modified sensor for catechol in presence of hydroquinone: A voltammetric study	Chetankumar K., Swamy B.E.K., Sharma S.C.	Journal of Electroanalytical Chemistry	2019	7	Jain University	2
Handwritten electronic components recognition: An approach based on HOG SVM	Lakshman Naika R., Dinesh R., Santoshnaik	Journal of Theoretical and Applied Information	2018	2	Jain University	2

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Novel process for preparation of metalpolymer composite membranes for hydrogen separation	Strugo va D.V., Zadoro zhnyy M.Y., Berdon osova E.A., Yablok ova M.Y., Konik P.A., Zhelez nyi M.V., Semeno v D.V., Milovz orov G.S., Padaki M., Kalosh kin S.D., Zadoro zhnyy V.Y., Klyamk in S.N.	Intern ationa l Journa l of Hydrog en Energy	20 18	2	Jai n Uni ver sit y	2
Solventfree production of nanoFeS anchored graphene from Ulva fasciata: A scalable synthesis of superadsorbent for lead, chromium and dyes	Mahto A., Kumar A., Chaudh ary J.P., Bhatt M., Sharma A.K.,	Journa l of Hazard ous Materi als	20 18	7	Jai n Uni ver sit y	7

	Paul P., Nataraj S.K., Meena R.					
On distortion energy theory in high cycle multiaxial fatigue	Bhat S., Adarsha H., Pattanaik A., Ravinarayan V.	International Journal of Mechanical Engineering and Technology	2018	3	Jain University	3
FPGA based design and implementation of DUC/DDC based OFDM for data/image transmission	Vasanth Kumar T.R., Prasad K.V.	International Journal of Electrical and Electronic Engineering and Telecommunications	2019	8	Jain University	5
Synergistic design of a tin phosphateentrapped graphene flake nanocomposite as an efficient catalyst for electrochemical determination of the antituberculosis drug isoniazid in biological samples	Kokulnathan T., Suvina V., Wang T.J., Balakrishna R.G.	Inorganic Chemistry Frontiers	2019	7	Jain University	1

Title	Author	Journal	Year		University	
Efficient resource valorization by codigestion of food and vegetable waste using three stage integrated bioprocess	Chakraborty D., Venkata Mohan S.	Bioresource Technology	2019	4	Jain University	2
The feature based image stitching techniques	Arun Kumar R., Sathesh Kumar K., Prasanth T., Balakrishnan K.	International Journal of Recent Technology and Engineering	2019	5	Jain University	4
Basic speech feature based emotional speech analysis for Indian native language	Prasad K.M.S., Ramaiah G.N.K.	Journal of Engineering and Applied Sciences	2018	3	Jain University	46
Early detection of knee osteoarthritis using SVM classifier	Kubkaddi S., Ravikumar K.M.	Journal of Advanced Research in Dynamical and Control Systems	2018	4	Jain University	8
An innovative technique for optimization of efficiency of transformer and inductor	Veetil M., Kadripathi K.N.,	International Journal of	2019	6	Jain Univer	5

	Kiran K.S., Yethinder Ragav L.	Recent Technology and Engineering			sity	
Bungarus caeruleus venom neutralization activity of Azima tetracantha Lam. Extract	Janardhan B., Shrikanth V.M., More V.S., Melappa G., Zameer F., More S.S.	Heliyon	2019	2	Jain University	1
Fabrication of PANI/SnO2 Hybrid Nanocomposites via Interfacial Polymerization for High Performance Supercapacitors Applications	Prasanna B.P., Avadhani D.N., Raj V., Kumar K.Y., Raghu M.S.	Surface Engineering and Applied Electrochemistry	2019	5	Jain University	4
Optical, electrical and luminescent studies of CuO/MgO nanocomposites synthesized via sonochemical method	Deepthi N.H., Vidya Y.S., Ananthar aju K.S., Basavaraj R.B., Kavyashree D.,	Journal of Alloys and Compounds	2019	1	Jain University	1

	Sharma S.C., Nagabhushana H.					
Recent advances in nonmetalsdoped TiO2 nanostructured photocatalysts for visiblelight driven hydrogen production, CO2 reduction and air purification	Patil S.B., Basavarajappa P.S., Ganganagappa N., Jyothi M.S., Raghu A.V., Reddy K.R.	International Journal of Hydrogen Energy	2019	3	Jain University	3
New 2methoxy4,6bis(4(4nitrostyryl)phenyl)nicotinonitrile: Synthesis, characterization and DSSC study	Hemavathi B., Akash S., Shanmukappagouda, Kusuma J., Devaiah C.T., Shwetharani R., Balakrishna R.G., Ahipa T.N.	Journal of Photochemistry and Photobiology A: Chemistry	2019	4	Jain University	3
A study on toxic reduction of urban heat Island effect by purifying atmosphere	Babitha Rani H., Nagaraja	AIP Conference Proceedings	2019	7	Jain Univer	2

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	Y.R., Ramesh C.P., Sawant P., Dinakar R.P.H., Kumar T.S., Revankar S.S.				
A Novel, Multicomponent Method of Preparation of Quinolines Using Recyclable CeO 2 TiO 2 Nanocomposite Catalyst under Solventfree Conditions	Khan S., Agasar M., Ghosh A., Keri R.S.	Organic Preparations and Procedures International	2019	1	Jain University	1
Synthesis and characterization of Hierarchically assembled ZnO Nanoparticles and its application in modified carbon paste electrode for electrochemical detection of Biomolecules	Kiran Kumar S.R., Yogesh Kumar K., Muralidhara H.B., Anantha M.S., Mamatha G.P.	Materials Today: Proceedings	2018	3	Jain University	3
Analysis of dissimilar metal welding of EN19 and SS304L	Gopalakrishna G.T., Ajay Kumar B.S., Vishnu	International Journal of Vehicle Struct	2018	1	Jain University	2

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Heat transfer and friction factor of nanodiamondnickel hybrid nanofluids flow in a tube with longitudinal strip inserts	Syam Sundar L., Singh M.K., Sousa A.C.M.	International Journal of Heat and Mass Transfer	2018	8	Jain University	8
An investigation of hydrogen generation and antibacterial activity of TiO2 nanoparticles synthesized by the ionic liquid aided ionothermal method	Yadav L.S.R., Manjunath K., Kavitha C., Nagaraju G.	Journal of Science: Advanced Materials and Devices	2018	3	Jain University	3
Smart meter modelling and fault location communication in Smart Grid	Vilas V.G., Muralidhara V., Bakre S.M., Velhal V.	Majlesi Journal of Electrical Engineering	2018	1	Jain University	1
Future Indian Space: Perspectives of Game Changers	Rao M.K., Murthi K.R.S., Raj B.	New Space	2018	4	Jain University	5
Purification and Characterization of Anticancer lGlutaminase of Bacillus cereus Strain LC13	More S.S., Swamy R., Mohan	Proceedings of the National	2018	2	Jain Univer	2

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A new magnetically recyclable heterogeneous palladium(II) as a green catalyst for SuzukiMiyaura crosscoupling and reduction of nitroarenes in aqueous medium at room temperature	Kandathil V., Koley T.S., Manjunatha K., Dateer R.B., Keri R.S., Sasidhar B.S., Patil S.A., Patil S.A.	Inorganica Chimica Acta	2018	8	Jain University	8
Stimuli responsive ion gels based on polysaccharides and other polymers prepared using ionic liquids and deep eutectic solvents	Prasad K., Mondal D., Sharma M., Freire M.G., Mukesh C., Bhatt J.	Carbohydrate Polymers	2018	7	Jain University	7
Cross subsidy model for community transformation: Jain University social responsibility in India	Kandhadai R.,	World Review of Entrep	2018	3	Jain Univer	3

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Configuration Analysis of Stacked Microbial Fuel Cell in Power Enhancement and Its Application in Wastewater Treatment	Yuvraj C., Aranganathan V.	Arabian Journal for Science and Engineering	2018	4	Jain University	4
High concentration solubility and stability of εpolyLlysine in an ammoniumbased ionic liquid: A suitable media for polypeptide packaging and biomaterial preparation	Sequeira R.A., Singh N., Pereira M.M., Chudasama N.A., Bhattacharya S., Sharma M., Mondal D., Prasad K.	International Journal of Biological Macromolecules	2018	1	Jain University	1
Corrosion of steel reinforcements in concretes of noncoastal areas Case study: Kigali, Rwanda	Abaho G., Pranesh M.R., Kumaran G.S.	International Journal of Engineering Resear	2018	5	Jain University	2

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Investigations on the Effect of Molybdenum (Mo) and Molybdenum Silicon Carbide (Mo10 Sic) Composite Coatings on Mild Steel Substrate using HVOF Technique	Ramesh C.S., Adarsha H., Chaturvedi A., Nair N.	Materials Today: Proceedings	2018	6	Jain University	8
EPR studies on VO2doped sodium borate glasses synthesized by microwave method	Rajiv A., Uchil J., Narayana Reddy C.	IOP Conference Series: Materials Science and Engineering	2018	7	Jain University	3
Demonetization effect on Indian retail sector	Seranmadevi R., Muralidhar S.	International Journal of Mechanical and Production Engineering Research and Development	2018	3	Jain University	5
Computational model to find energy dissipation and optimization in smartphones	Prasad S., Balaji S.	Journal of Advanced Research in Dynamical	2018	1	Jain University	6

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Simulation and analysis on device parameter variations of single junction hydrogenated amorphous silicon solar cell	Radder C., Satyanarayana B.S.	Materials Today: Proceedings	2018	5	Jain University	4
Design and implementation of pD based controller for accurate tracking/heading angle	Anil Kumar D., Hariprasad S.A.	International Journal of Engineering and Technology (UAE)	2018	1	Jain University	1
Analysis and modelling of vocal tract shape variability for emotional speech in South Indian native language	Shiva Prasad K.M., Kodanda Ramaiah G.N., Thangadurai N	Journal of Advanced Research in Dynamical and Control Systems	2018	2	Jain University	5
Synthesis, spectral characterization, crystal and molecular structure studies of 5(5-bromo-2thienyl)1(phenyl)3phenyl2pyrazoline	Naveen S., Ahmad N.A., Urs M.V.D., Lingegowda N.S., Jamali	Chemical Data Collections	2018	1	Jain University	2

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Security with IP Address Assignment and Spoofing for Smart IOT Devices	Rajashree S., Soman K.S., Shah P.G.	2018 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2018	2018	2	Jain University	3
Towards Trusted ComputingA Novel Holistic Policy Based Approach	Deshpande V.M., Nair M.K.	2018 3rd International Conference for Convergence in Technology, I2CT 2018	2018	3	Jain University	4
Aggregation induced emission properties of new cyanopyridone derivatives	Swathi M.G., Ahipa T.N.	Journal of Molecular Liquids	2018	2	Jain University	2

Experimental determination of critical ARC length for AC flashover of polluted porcelain disc insulators	Mounes warach ar H.C., Dixit P.	Intern ationa l Journa l of Power and Energy System s	20 18	4	Jai n Uni ver sit y	3
Photocatalytic, biodiesel, electrochemical sensing properties and formylation reactions of ZnO nanoparticles synthesized via ecofriendly green synthesis method	Reddy Yadav L.S., Raghav endra M., Udayab hanu, Manjun ath K., Nagara ju G.	Journa l of Materi als Scienc e: Materi als in Electr onics	20 18	3	Jai n Uni ver sit y	3
Synthesis of polyaniline/MWCNTs by interfacial polymerization for superior hybrid supercapacitance performance	Prasan na B.P., Avadha ni D.N., Chaitr a K., Nagara ju N., Kathya yini N	Journa l of Polyme r Resear ch	20 18	4	Jai n Uni ver sit y	4
Facile LaOF: Sm3 based labeling agent and their applications in residue chemistry of latent fingerprint and cheiloscopy under UV-visible light	Suresh C., Nagabh ushana H., Darsha n G.P., Basava raj R.B.,	Arabia n Journa l of Chemis try	20 18	1 1	Jai n Uni ver sit y	1 1

	Kavyashree D., Sharma S.C., Arulmozhi A., Daruka Prasad B., Amith Yadav H.J.					
Rapid synthesis of Cdot@TiO2 coreshell composite labeling agent: Probing of complex fingerprints recovery in fresh water	Amith Yadav H.J., Eraiah B., Basavaraj R.B., Nagabhushana H., Darshan G.P., Sharma S.C., Daruka Prasad B., Nithya R., Shanthi S.	Journal of Alloys and Compounds	2018	5	Jain University	5
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Lanthanum oxyfluoride nanostructures prepared by modified sonochemical method and their use in the fields of optoelectronics and biotechnology	Suresh C., Nagabh ushana H., Darshan G.P., Basava raj R.B., Daruka Prasad B., Sharma S.C., Satees h M.K., Shabaa z Begum J.P.	Arabia n Journa l of Chemis try	20 18	1 4	Jai n Uni ver sit y	1 4
Corrigendum to "Positron annihilation spectroscopy and photoluminescence investigation of LaOF:Tb3 nanophosphor fabricated via ultrasound assisted sonochemical route" [Mater. Sci. Eng. B 224 (2017) 28– 39] (S0921510717301551) (10.1016/j.mseb.2017.07.	Suresh C., Nagabh ushana H., Darshan G.P., Basava raj R.B., Sharma S.C., Sunith a D.V., Daruka Prasad B., Willia ms J.F.,	Materi als Scienc e and Engine ering B: SolidS tate Materi als for Advanc ed Techno logy	20 18	3	Jai n Uni ver sit y	1

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A spanner shaped ultra wideband antenna for MIMO application	Hanchi namani N., Byrare ddy C.R.	Procee dings of 2017 Intern ationa l Confer ence on Innova tions in Inform ation, Embedd ed and Commun icatio n System s, ICIIEC S 2017	20 18	1	Jai n Uni ver sit y	4
Superior nonenzymatic glucose sensing properties of Ag/AuNiCo2O4 nanosheets with insight from electronic structure simulations	Naik K.K., Gangan A., Chakra borty B., Rout C.S.	Analys t	20 18	8	Jai n Uni ver sit y	8
Dynamic traffic rule violation monitoring system using automatic number plate recognition with SMS feedback	Shreya s R., Kumar B.V.P. , Adithy a H.B., Padmaj a B.,	2nd Intern ationa l Confer ence on Teleco mmunic ation and	20 18	5	Jai n Uni ver sit y	2

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Corrigendum to "A review on electrical characterization techniques performed to study the device performance of quantum dot sensitized solar cells" [Solar Energy 159 (2018) 682–696] (S0038092X17310204) (10.1016/j.solener.2017.11.037))	Kusuma J., Balakrishna R.G.	Solar Energy	2018	2	Jain University	5
An analytical model of prominence dynamics	Routh S., Saha S., Bhat A., Sundar M.N.	Advances in Space Research	2018	4	Jain University	2
Speciesspecific and differential expression of BSP5 and other BSP variants in normozoospermic and asthenozoospermic buffalo (Bubalus bubalis) and cattle (Bos taurus) seminal plasma	Divyashree B.C., Roy S.C.	Theriogenology	2018	1	Jain University	1
Green Synthesis of Palladium Nanoparticles: Applications in Aryl Halide Cyanation and Hiyama CrossCoupling Reaction Under Ligand Free Conditions	Kandathil V., Dateer R.B., Sasidhar B.S., Patil S.A., Patil S.A.	Catalysis Letters	2018	4	Jain University	4
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Sterically modulated silver(I) complexes of coumarin substituted benzimidazol-2-ylidenes: Synthesis, crystal structures and evaluation of their antimicrobial and antilung cancer potentials	Achar G., Shahini C.R., Patil S.A., Małecki J.G., Pan S.H., Lan A., Chen X.R., Budagumpi S.	Journal of Inorganic Biochemistry	2018	7	Jain University	7
Ionic LiquidAssisted Hydrothermal Synthesis of Silver Vanadate Nanorods	Nagaraju G., Ramasami A.K., Balakrishna G.R., Dupont J.	Iranian Journal of Science and Technology, Transaction A: Science	2018	1	Jain University	1

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An evaluation framework for security algorithms performance realization on FPGA	Guruprasad S.P., Chandrasekar B.S.	2018 IEEE International Conference on Current Trends in Advanced Computing, ICCTAC 2018	2018	5	Jain University	4
Traffic light and sign detection for autonomous land vehicle using Raspberry Pi	Priyanka D., Dharani K., Anirudh C., Akshay K., Sunil M.P., Haripr	Proceedings of the International Conference on Inventive Comput	2018	4	Jain University	4

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Fast data vs. big data with iot streaming analytics and the future applications	Jayanthiladevi A., Surendararavindhan , Sakthivel	Handbook of Research on Cloud and Fog Computing Infrastructures for Data Science	2018	1	Jain University	1
Text, images, and video analytics for fog computing	Jayanthiladevi A., Murugan S., Manivel K.	Handbook of Research on Cloud and Fog Computing Infrastructures for Data Science	2018	7	Jain University	2
Bionics Based Emergency Contact for Treatment of Epilepsy	Gupta S., Hariprasad S.A., Kumar A.	ACM International Conference Proceeding Series	2018	5	Jain University	6
C 70 FullereneCatalyzed MetalFree Photocatalytic ipsoHydroxylation of Aryl Boronic Acids: Synthesis of Phenols	Kumar I., Sharma R., Kumar	Advanced Synthesis and	2018	7	Jain Univer	7

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Simple fabrication of reduced graphene oxide few layer MoS 2 nanocomposite for enhanced electrochemical performance in supercapacitors and water purification	Raghu M.S., Yogesh Kumar K., Rao S., Aravinda T., Sharma S.C., Prashanth M.K	Physica B: Condensed Matter	2018	11	Jain University	9
SiO2@LaOF:Eu3 coreshell functional nanomaterials for sensitive visualization of latent fingerprints and WLED applications	Suresh C., Nagabhushana H., Basavaraj R.B., Darshan G.P., Kavyashree D., Daruka Prasad B., Sharma S.C., Vanithamani R.	Journal of Colloid and Interface Science	2018	15	Jain University	15
Estimation of garbage coverage area in water terrain	Deepa T.P., Roka S.	Proceedings of the 2017 Intern	2018	4	Jain Univer	4

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Apoptosis induction in cancer cell lines by the carotenoid Fucoxanthinol from Pseudomonas stutzeri JGI 52	Shukla M., Varalakshmi K.N.	Indian Journal of Pharmacology	2018	2	Jain University	1
Observation of simultaneous photocatalytic degradation and hydrogen evolution on the lanthanum modified TiO2 nanostructures	Shwetharani R., Sakar M., Chandan H.R., Geetha Balakrishna R.	Materials Letters	2018	6	Jain University	6
Experimental investigations on the thermal performance of a vertical closed loop pulsating heat pipe using binary mixture of fluids	Pradeep G.V., Rama Narasimha K.	International Journal of Engineering, Transactions B: Applications	2018	2	Jain University	2

Quinoxaline and quinoxaline1,4diNoxides: An emerging class of antimycobacterials	Keri R.S., Pandule S.S., Budagumpi S., Nagaraja B.M.	Archiv der Pharmazie	2018	1	Jain University	1
Effect of triazoletryptophan hybrid on the conformation stability of bovine serum albumin	Aneja B., Kumari M., Azam A., Kumar A., Abid M., Patel R	Luminescence	2018	4	Jain University	4
Effect of food to vegetable waste ratio on acidogenesis and methanogenesis during twostage integration	Chakraborty D., Venkata Mohan S.	Bioresource Technology	2018	8	Jain University	8
Magnetic nanoparticletethered Schiff base-palladium(II): Highly active and reusable heterogeneous catalyst for Suzuki–Miyaura crosscoupling and reduction of nitroarenes in aqueous medium at room temperature	Manjunatha K., Koley T.S., Kandathil V., Dateer R.B., Balakrishna G., Sasidhar B.S.,	Applied Organometallic Chemistry	2018	10	Jain University	10

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Influence of triacontanol and jasmonic acid on metabolomics during early stages of root induction in cultured tissue of tomato (Lycopersicon esculentum)	Soundararajan M., Swamy G.S., Gaonkar S.K., Deshmukh S.	Plant Cell, Tissue and Organ Culture	2018	2	Jain University	3
Experimental investigation of Al2O3/water nanofluids on the effectiveness of solar flatplate collectors with and without twisted tape inserts	Sundar L.S., Singh M.K., Punnaiah V., Sousa A.C.M.	Renewable Energy	2018	21	Jain University	21
Draft genome sequence of multidrugresistant Escherichia coli NIVEDIP44, isolated from a chicken fecal sample in Northeast India	Tewari R., Das Mitra S., Das S., Jadhao S., Mishra G., Ganaie F., Shome R., Rahman H., Shome B.R.	Genome Announcements	2018	4	Jain University	4
Blue luminescent cyanopyridone based molecular architectures: A structureproperty study	Trupthi Devaiah C., Hemava	Journal of Molecular	2018	3	Jain Univer	3

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Digital smart pen with automatic parsing	Jain Y., Riya, Deepa T.P.	International Conference on Electrical, Electronics, Communication Computer Technologies and Optimization Techniques, ICEECCOT 2017	2018	3	Jain University	1
Direct Aerobic Strategy for Synthesis of Imines via Alcohols and Amines Promoted by Ruthenium(II) (η6pcymene) Complexes	Manikandan T.S., Ramesh R., Shivalingegowda	Chemistry Select	2018	5	Jain University	5

	N., Krishnappago wda L.N.				
Identification of PCB faults using image processing	Nayak J.P.R., Paramesha chari B.D., Sunjiv Soyjaudah K.M., Rajashekarap pa, Banu R., Nuthan A.C.	International Conference on Electrical, Electronics, Communicatio n Computer Technologies and Optimization Techniques, ICEECCOT 2017	2018	5	Jain University	4
Novel springloaded wear test rig to test the material life of probes used in the ingenious sixwindow gauging system	Swaminathan P., Keshavanarayana G.	Journal of Testing and Evaluation	2018	4	Jain University	7
Tuning the pure monoclinic phase of WO3 and WO3Ag nanostructures for nonenzymatic glucose sensing application with theoretical insight from electronic structure simulations	Ponnusamy R., Gangan A., Chakraborty B., Sekhar	Journal of Applied Physics	2018	6	Jain University	6

		Rout C.					
Ecofriendly Synthesis of Metal/Metal Oxide Nanoparticles and Their Application in Food Packaging and Food Preservation	Jagadish K., Shiralgi Y., Chandrashekar B.N., Dhananjaya B.L., Srikantaswamy S.	Impact of Nanoscience in the Food Industry	2018	1	Jain University	1
Optimizing handover in LTE using SON system by handling mobility robustness	Venkatesh G.K., Rao P.V.	RTEICT 2017 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2018	3	Jain University	1
Asynchronous approach for network fault management by strongly typed genetic programming	Shahi B., Jha D., Dushya	RTEICT 2017 2nd IEEE Intern	2018	4	Jain Universit	2

	nth N.D., Suresh D.	ational Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings			y, India	
An improved watershed segmentation by flooding and pruning algorithm for assessment of diabetic wound healing	Babu K.S., Ravi Kumar Y.B., Sabut S	RTEICT 2017 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2018	1	Jain University	4
Application of citation network analysis for	Wagh R.,	2017 IEEE	2018	2	Jain	7

improved similarity index estimation of legal case documents : A study	Anand D.	International Conference on Current Trends in Advanced Computing, ICCTAC 2017			University	
Enhancing time performance by job commonality feature: Hadoop	Soumya C.V., Ahmed M.	Proceedings of the 2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	2018	3	Jain University	2
Time series analysis of large scale rainfall data using regression automata models	Manepalli T.S., Subramanian C.	International Journal of Intelligent Engineering and	2018	1	Jain University	1

		System s					1
Optimal spectrum sensor assignment in multichannel multiuser cognitive radio networks	Nandin i K.S., Haripr asad S.A.	Journa l of Teleco mmunic ations and Inform ation Techno logy	20 18	1		Jai n Uni ver sit y	1
Neutral avicelase from Serratia marcescens with denim biofinishing potential	Shashi dhar A., Arza S., Das A., Bhatta charya S., Shivak urnar S.	Journa l of Scient ific and Indust rial Resear ch	20 18	1		Jai n Uni ver sit y	1
The effect of vegetable waste substrate based cultivation on the growth, nutrient content and biological efficacy of blue oyster mushroom Hypsizygus ulmarius	Cyriac S., Tallap ragada P.	Plant Cell Biotec hnolog y and Molecu lar Biolog y	20 18	2		Jai n Uni ver sit y	1
A case study on pitfalls in branding of Boroline	Padma R., Sharma P	Brand Cultur e and Identi ty: Concep ts, Method ologie s, Tools, and	20 18	4		Jai n Uni ver sit y, Ind ia	4

		Applications				
Map reduce technique for parallelautomata analysis of large scale rainfall data	Manepalli T.S., Subramanian C.	International Journal of Engineering and Technology(UAE)	2018	3	Jain University	2
Effect of turbulence intensity on low Reynolds number airfoil aerodynamics	Gupta A.K., Aswatha Narayana P.A., Ramesh G.	International Journal of Engineering and Technology(UAE)	2018	5	Jain University	14
Effect of outward and inward dimple located on different positions of aerofoil section at a typical low Reynolds number	Aswatha Narayana P.A., Rasya K.A., Prasad S.S.	International Journal of Engineering and Technology(UAE)	2018	1	Jain University	1
Security Model for Internet of Things End Devices	Rajashree S., Gajkumar Shah P., Murali S.	Proceedings IEEE 2018 International Congress on Cybermatics:	2018	5	Jain University	3

		2018 IEEE Conferences on Internet of Things, Green Computing and Communications, Cyber, Physical and Social Computing, Smart Data, Blockchain, Computer and Information Technology, iThings				
Numerical modelling of thermophoresis in wateralumina nanofluid under pool boiling conditions	Gobinath N., Venugopal T., Palani K., Samuel A.A.	International Journal of Thermal Sciences	2018	2	Jain University	2
In Silico evaluation and identification of fungi capable of producing endoinulinase enzyme	Chikkerur J., Samant	PLoS ONE	2018	6	Jain Univer	1

	a A.K., Dhali A., Kolte A.P., Roy S., Maria P.				sit y
Effect of twisted tape inserts on heat transfer, friction factor of Fe3O4 nanofluids flow in a double pipe Ubend heat exchanger	Ravi Kumar N.T., Bhramara P., Kirube il A., Syam Sundar L., Singh M.K., Sousa A.C.M.	Intern ationa l Commun icatio ns in Heat and Mass Transf er	20 18	1 2	Jai n Uni ver sit y	1 2
A fluorescent dual aptasensor for the rapid and sensitive onsite detection of: E. coli O157:H7 and its validation in various food matrices	Renuka R.M., Achuth J., Chanda n H.R., Venkat aramana M., Kadirv elu K.	New Journa l of Chemis try	20 18	8	Jai n Uni ver sit y	8
An efficient fault tolerant and cost optimized power model for distributed power generation system	Raghav endra G., Ramach andra M.	Journa l of Advanc ed Resear ch in Dynami cal and Contro	20 18	2	Jai n Uni ver sit y	4

		l Systems				
A comprehensive solution for risk management in software development projects	Bhujang R.K., Suma V.	International Journal of Intelligent Systems Technologies and Applications	2018	5	Jain University	1
An automated grading system for diabetic retinopathy using curvelet transform and hierarchical classification	Mukti F.A., Eswaran C., Hashim N., Ching H.C., Ayoobkhan M.U.A.	International Journal of Engineering and Technology(UAE)	2018	1	Jain University	1
Emotional Intelligence in sports: Toward a new program for intervention	Singhal M., Godbole S.	Journal of the Indian Academy of Applied Psychology	2018	1	Jain University	2
Essential oil from Cymbopogon flexuosus as the potential inhibitor for HSP90	Gaonkar R., Shiralgi Y., Lakkappa D.B.,	Toxicology Reports	2018	6	Jain University	3

	Hegde G.					
Effect of different attacks on image watermarking using dual tree complex wavelet transform (DTCWT) and principle component analysis (PCA)	Sudha M.S., Thanuja T.C.	International Journal of Engineering and Technology(UAE)	2018	2	Jain University	6
EGCG assisted Y 2 O 3 :Eu 3 nanopowders with 3D microarchitecture assemblies useful for latent finger print recognition and anticounterfeiting applications	Marappa B., Rudresha M.S., Basavaraj R.B., Darshan G.P., Prasad B.D., Sharma S.C., Sivakumari S., Amudha P., Nagabhushana H.	Sensors and Actuators, B: Chemical	2018	22	Jain University	22
Multifunctional Dy (III) doped dicalcium silicate array for boosting display and forensic applications	Venkataravanappa M., Basavaraj R.B., Darshan G.P.,	Journal of Rare Earths	2018	10	Jain University	10

	Daruka Prasad B., Sharma S.C., Hema Prabha P., Ramani S., Nagabhushana H.					
Wear Behaviour and Microstructure Analysis of Al7075 alloy reinforced with Mica and Kaolinite	Arunkumar D.T., Raghavendra Rao P.S., Hussain M.S., Naga Sai Balaji P.R.	IOP Conference Series: Materials Science and Engineering	2018	4	Jain University	4
Advancements in the Research of 4D PrintingA Review	Ramesh S., Kiran Reddy S., Usha C., Naulakha N.K., Adithyakumar C.R., Lohith Kumar Reddy M.	IOP Conference Series: Materials Science and Engineering	2018	7	Jain University	4
Energy Efficient Hydraulic Clamping System using	Ramesh S.,	IOP Confer	2018	5	Jain	2

Variable Frequency Drive in a CNC Machine	Denis Ashok S., Naulakha N.K., Adithyakumar C.R., Lohith Kumar Reddy M., Reddy S.K.	ence Series : Materials Science and Engineering			University	
Finite element analysis of mild steel Rubber sandwich composite material	Ravitej Y.P., Swaroop V., Ramesh S., Adarsha H., Veerachari, Nischith	IOP Conference Series : Materials Science and Engineering	2018	3	Jain University	3
Study on Two Body Abrasive Wear behaviour of CarboxylGraphene Reinforced Epoxy Nanocomposites	Vinod, Kumar A., Suresha B., Kiran Kumar M.V., Ramesh S.	IOP Conference Series : Materials Science and Engineering	2018	4	Jain University	2
Functionalized Pyrimidines from Alkynes and Nitriles: Application towards the Synthesis of Marine Natural Product Meridianin Analogs	Mohan B., Salfeena C.T.F., Ashith	ChemistrySelect	2018	6	Jain University	3

	a K.T., Krishnan G.V., Jesmina A.R.S., Varghese A.M., Patil S.A., Kumar B.N.S.D., Sasidhar B.S.					
A membership function for feature clustering based network intrusion and anomaly detection	Nagaraja A., Satish Kumar T.	ACM International Conference Proceeding Series	2018	3	Jain University	3
An extensive survey on intrusion detectionPast, present, future	Nagaraja A., Satish Kumar T.	ACM International Conference Proceeding Series	2018	4	Jain University	4
Crystal structure and Hirshfeld surface analysis of bis (2(2(1Hbenzo[d]imidazol2yl) hydrazono)propan1ol) nickel(II) chloride	Kamat V., Kumara K., Shaikh S., Shivalingego	Chemical Data Collections	2018	1	Jain University	1

	wda N., Lokana th N.K., Revank ar V.					
Low intensity sonosynthesis of iron carbide@iron oxide coreshell nanoparticles	ArgüellesPesqueira A.I., DiéguezArmenta N.M., BobadillaValencia A.K., Nataraj S.K., RosasDurazo A., Esquivel R., AlvarezRamos M.E., Escudero R., GuerreroGerman P., LuceroAcuña J.A., ZavalaRivera P.	Ultrasonics Sonochemistry	2018	3	Jain University	1
Polypyrrolereduced graphene oxide nanocomposite hydrogels: A promising electrode material for the simultaneous detection of multiple heavy metal ions	Suvina V., Krishna S.M., Nagara	Materials Letters	2018	4	Jain University	4

	ju D.H., Melo J.S., Balakr ishna R.G.					
Transcriptional profiling and genes involved in acquired thermotolerance in Banana: A nonmodel crop	Vidya S.M., Kumar H.S.V. , Bhatt R.M., Laxman R.H., Ravish ankar K.V.	Scient ific Report s	20 18	1	Jai n Uni ver sit y	1
Synthesis of some benzofuran derivatives containing pyrimidine moiety as potent antimicrobial agents	Venkat esh T., Bodke Y.D., Joy M.N., Dhanan jaya B.L., Venkat araman S.	Irania n Journa l of Pharma ceutic al Resear ch	20 18	5	Jai n Uni ver sit y	5
Novel TacrineHydroxyphenylbenzimi dazole hybrids as potential multitarget drug candidates for Alzheimers disease	Hirema thad A., Keri R.S., Esteve s A.R., Cardos o S.M., Chaves S.,	Europe an Journa l of Medici nal Chemis try	20 18	2 0	Jai n Uni ver sit y	2 0

	Santos M.A.					
Theoretical study of nematic to smectic transition in cylindrical porous media	Banerjee K.J., Govind A.S.	Liquid Crystals	2018	5	Jain University	2
PdDoped WO3 Nanostructures as Potential Glucose Sensor with Insight from Electronic Structure Simulations	Ponnusamy R., Chakraborty B., Rout C.S.	Journal of Physical Chemistry B	2018	8	Jain University	8
Synthesis, characterization and single crystal structures of chiral Schiff base and its tetranuclear palladium complex with Pd[sbnd]O[sbnd]Pd bridging and Pd[sbnd]Pd bonds	Rajegowda H.R., Kumar P.R., Hosamani A., Butcher R.J., Naveen S., Lokanath N.K.	Journal of Molecular Structure	2018	2	Jain University	2
Supplementing multifunctional groups to polysulfone membranes using Azadirachta indica leaves powder for effective and highly selective acid recovery	Yadav S., Soontarapa K., Jyothi M.S., Padaki M., Balakrishna R.G., Lai J.Y.	Journal of Hazardous Materials	2019	8	Jain University	14

Title	Authors	Journal	Year			
Sustainable Water Purification Using an Engineered Solvothermal Carbon Based Membrane Derived from a Eutectic System	Manohara H.M., Aruchamy K., Chakraborty S., Radha N., Nidhi M.R., Ghosh D., Nataraj S.K., Mondal D.	ACS Sustainable Chemistry and Engineering	2019	1	Jain University	1
A twotarget responsive reversible ratiometric pH nanoprobe: A white light emitting quantum dot complex	Pramanik S., Roy S., Mondal A., Bhandari S.	Chemical Communications	2019	1	Jain University	1
Hybrid CPUGPU Coprocessing scheme for simulating spiking neural networks	Sreenivasa N., Balaji S.	International Journal of Innovative Technology and Exploring Engineering	2019	8	Jain University	2
SiCl4 mediated onepot synthesis of novel spirobibenzopyrans as potent anticancer agents	Kar S., Shivalingegowda	New Journal of Chemistry	2019	7	Jain Univer	4

	N., Krishnappagowda L.N., Golakoti N.R.				sity	
UTTAMA: An Intrusion Detection System Based on Feature Clustering and Feature Transformation	Nagaraja A., Uma B., Gunupudi R.	Foundations of Science	2019	7	Jain University	7
Comparative study on the rhythmic changes in haematological parameters between captive and free ranging wild sloth bear (Melursus ursinus)	Arun A.S., Sidharth P.M., Rashamol V.P., Sejian V., Bhatta R.	Biological Rhythm Research	2019	4	Jain University	1
Experimental assessment of performance and exhaust emission characteristics of a diesel engine fuelled with Punnai biodiesel/butanol fuel blends	Devarajan Y., Munuswamy D., Nagappan B., Subbiah G.	Petroleum Science	2019	5	Jain University	2
Effect of conical strip inserts in a parabolic trough solar collector under turbulent flow	Jafar K.S., Arulprakasajothi M., Beemkumar N.,	Energy Sources, Part A: Recovery, Utilization and	2019	6	Jain University	3

	Elangovan K.	Environmental Effects				
A reversible fluoride chemosensor for the development of multiinput molecular logic gates	Bhat M.P., Kigga M., Govindappa H., Patil P., Jung H.Y., Yu J., Kurkuri M.	New Journal of Chemistry	2019	3	Jain University	2
Effectiveness of information and communication technologies on the learning outcomes of management graduates in public and private sector institutes	Kiran G., Chotai N., Gopalakrishna M., Pradeep	Journal of Advanced Research in Dynamical and Control Systems	2019	2	Jain University	1
N [2(Trifluoromethyl)phenyl]maleamic acid: Crystal structure and Hirshfeld surface analysis	Suchetan P.A., Prakash S.M., Lokanath N.K., Naveen S., Warad I.	Acta Crystallographica Section E: Crystallographic Communications	2019	1	Jain University	1

Title	Authors	Journal	Year		University	
Synthesis, Characterization, and Biological Evaluation of Novel 3(4Chlorophenyl)2(substituted)quinazolin4(3H)one Derivatives as Multitarget Antiinflammatory Agents	Raghu M.S., Pradeep Kumar C.B., Yogesh Kumar K., Prashanth M.K., Jayanna B.K.	Journal of Heterocyclic Chemistry	2019	4	Jain University	4
Exploration of (hetero)aryl derived thienylchalcones for antiviral and anticancer activities	Patil V., Patil S.A., Patil R., Bugarin A., Beaman K., Patil S.A.	Medicinal Chemistry	2019	7	Jain University	2
A critical evaluation of GenY buying behavior towards online fashion retailers	Kiran G., Murthy D.N., Chotai N., Pradeepa	International Journal of Mechanical Engineering and Technology	2019	8	Jain University	3
Recent advances and strategies to tailor the energy levels, active sites and electron mobility in titania and its doped/composite analogues for hydrogen evolution in sunlight	Shwetharani R., Sakar M., Fernando C.A.N.	Catalysis Science and Technology	2019	7	Jain University	7

	, Binas V., Balakr ishna R.G.					
Study of realcoded hybrid genetic algorithm (RGA) to find leastcost ration for nonpregnant dairy buffaloes	Kuntal R.S., Gupta R., Rajend ran D., Patil V.	Advanc es in Intell igent System s and Comput ing	20 19	1	Jai n Uni ver sit y	1
Human adipose tissue mesenchymal stem cells as a novel treatment modality for correcting obesity induced metabolic dysregulation	Shree N., Venkat egowda S., Venkat rangan na M.V., Datta I., Bhonde R.R.	Intern ationa l Journa l of Obesit y	20 19	9	Jai n Uni ver sit y	2
Mechanical and Microstructural Properties of MultiAxially Forged LM6 Aluminium Alloy	Sajjan S.S., Kulkar ni M.V., Ramesh S., Sharat h P.C., Rajesh R., Kumar V.	Lectur e Notes in Mechan ical Engine ering	20 19	6	Jai n Uni ver sit y	1
Fluorescence polarization assay: Diagnostic evaluation for porcine brucellosis	Kalles hamurt hy T., Yarann	Journa l of Microb iologi	20 19	8	Jai n Univer	4

	a C., Shekar R., Natesan K., Sahay S., Shome B.R., Rahman H., Barbuddhe S.B., Barman N.N., Das S.K., Shome R.	cal Methods			sity
Rapid visualization of latent fingerprints using novel CaSiO3:Sm3 nanophosphors fabricated via ultrasound route	Basavaraj R.B., Darshan G.P., Daruka Prasad B., Sharma S.C., Nagabhushana H.	Journal of Rare Earths	2019	8	Jain University	8
Detection of torque teno sus virus infection in Indian pigs	Subramanyam V., Hemadri D., Kashyap S.P., Hiremath J., Barman N.N., Ralte	Veterinary World	2019	7	Jain University	2

	E.L., Patil S.S., Suresh K.P., Rahaman H.					
Crystal structure and Hirshfeld surface analysis of a bromochalcone: (E)1(3bromophenyl)3(2,6dichlorophenyl)prop2en1one	Bindya S., Chidan Kumar C.S., Naveen S., Siddaraju B.P., Quah C.K., Raihan M.A.	Acta Crystallographica Section E: Crystallographic Communications	2019	4	Jain University	2
A Survey of Spectrum Sensing Mechanisms in Wireless Cognitive Radio Networks	Nandini K.S., Hariprasad S.A.	2017 14th IEEE India Council International Conference, INDICON 2017	2018	2	Jain University	2
Determination of Absolute Heart Beat from Photoplethysmographic Signals in the Presence of Motion Artifacts	Karna V.R., Kumar N.	Proceedings of 2018 2nd International Conference on Advanc	2018	5	Jain University	5

		es in Electronics, Computers and Communications, ICAECC 2018				
Overexpression of p53 and Bax mediating apoptosis in cancer cell lines induced by a bioactive compound from Bacillus endophyticus JUPR15	Venkatachalam P., Nadumane V.K.	Process Biochemistry	2018	3	Jain University	3
Electrospun nanofibers, nanocomposites and characterization of art: Insight on establishing fibers as product	Aruchamy K., Mahto A., Nataraj S.K.	NanoStructures and NanoObjects	2018	7	Jain University	7
Purification and biochemical characterization of βdfructofuranosidase from Bacillus subtilis LYN12	Lincoln L., More S.S., Reddy S.V.	Journal of Food Biochemistry	2018	3	Jain University	3
Interval type2 fuzzylogicbased decision fusion system for airlane monitoring	Shrinivasan L., Raol J.R.	IET Intelligent Transport Systems	2018	4	Jain University	2
Tailoring and exploring the basicity of magnesium oxide nanostructures in ionic liquids for ClaisenSchmidt condensation reaction	Jadhav A.H., Prasad D., Jadhav H.S., Nagaraja B.M.,	Energy	2018	5	Jain University	5

	Seo J.G.					
Properties and ammonia gas sensing applications of different inorganic aciddoped poly(2chloroanilines)	Pandule S.S., Patil M.R., Keri R.S.	Polymer Bulletin	2018	2	Jain University	2
Pareeksha A machine learning approach for intrusion and anomaly detection	Nagaraja A., Aljawarneh S., Prabhakara H.S.	ACM International Conference Proceeding Series	2018	4	Jain University	4
Phytochemical composition of Caesalpinia crista extract as potential source for inhibiting cholinesterase and βamyloid aggregation: Significance to Alzheimers disease	Chethana K., Sasidhar B., Naika M., Keri R.	Asian Pacific Journal of Tropical Biomedicine	2018	3	Jain University	1
Fabrication of polyaniline-fewlayer MoS2 nanocomposite for high energy density supercapacitors	Raghu M.S., Kumar K.Y., Rao S., Aravinda T., Prasanna B.P., Prashanth M.K.	Polymer Bulletin	2018	3	Jain University	10
A membership function for intrusion and anomaly detection of low frequency attacks	Nagaraja A., Sravan Kiran	ACM International	2018	3	Jain University	3

	V., Prabhakara H.S., Rajasekhar N.	Conference Proceeding Series			sity	
Electroanalytical performance of bifunctional electrocatalyst materials in unitized regenerative fuel cell system	Sadhasivam T., Palanisamy G., Roh S.H., Kurkuri M.D., Kim S.C., Jung H.Y.	International Journal of Hydrogen Energy	2018	6	Jain University	6
An Energy aware Routing Mechanism in WSNs using PSO and GSO Algorithm	Asha G., Gowrishankar	2018 5th International Conference on Signal Processing and Integrated Networks, SPIN 2018	2018	3	Jain University	2
Rapid identification of latent fingerprints, security ink and WLED applications of CaZrO3:Eu3 fluorescent labelling agent	Navami D., Basavaraj R.B., Sharma	Journal of Alloys and Compounds	2018	15	Jain University	15

fabricated via biotemplate assisted combustion route	S.C., Daruka Prasad B., Nagabhushana H.					
Flexible metalfree supercapacitors based on multilayer graphene electrodes	de Souza Augusto G., Scarmínio J., Catarini Silva P.R., de Siervo A., Rout C.S., Rouxinol F., Gelamo R.V.	Electrochimica Acta	2018	11	Jain University	11
AlTi2O6 a mixed metal oxide based composite membrane: A unique membrane for removal of heavy metals	Sunil K., Karunakaran G., Yadav S., Padaki M., Zadorozhnyy V., Pai R.K.	Chemical Engineering Journal	2018	8	Jain University	8
Mixed Halide Perovskite Solar Cells. Consequence of Iodide Treatment on Phase Segregation Recovery	Balakrishna R.G., Kobosko	ACS Energy Letters	2018	5	Jain Univer	5

	S.M., Kamat P.V.				sity
Implementation of Diameter Protocol for securing Network Elements in backhaul network	Jha D., Shahi B.	2017 International Conference on Computing, Communication, Control and Automation, ICCUBEA 2017	2018	5	Jain University 2
Synthesis, structural exploration, spectral and combinatorial analysis of racemic3isobutyl5phenyl5(pyridin4yl)imidazolidine2,4dione: Comparison between experimental and DFT calculations	Benaka Prasad S.B., Naveen S., Ananda Kumar C.S., Lokanath N.K., Raghu A.V., Daragh meh I., Reddy K.R., Warad I.	Journal of Molecular Structure	2018	3	Jain University 3
Heterocyclic modification of chitosan for the adsorption of Cu (II) and Cr (VI) ions	Anush S.M., Vishalakshi B.,	Separation Science and Techno	2018	9	Jain University 9

	Chandan H.R., Geetha B.R.	logy (Philadelphia)			sity
Implementation of a novel algorithm secure double encryption standard (SDES384Bit) to prevent sidechannel attack for cloud data center	GuyCedric T.B.I., Suchithra R.	International Journal of Mechanical Engineering and Technology	2018	6	Jain University	6
Diversity of commensal bacteria from midgut of pink stem borer (Sesamia inferens [Walker])Lepidoptera insect populations of India	Motcha Anthony Reetha B., Mohan M.	Journal of AsiaPacific Entomology	2018	1	Jain University	1
Performance studies on cryogenic treated carbide cutting tool for turning of AISI304 steel	Patil N., Gopalakrishna K., Sangmesh B., Sudhakar K., Vijaykumar G.C.	Journal of Mechanical Engineering and Sciences	2018	2	Jain University	2
Design, synthesis and spectroscopic and crystallographic characterisation of novel functionalized pyrazole derivatives: biological evaluation for their cytotoxic, angiogenic and antioxidant activities	Dileep Kumar A., Bharath S., Dharmappa R.N., Naveen S.,	Research on Chemical Intermediates	2018	4	Jain University	4

	Lokanath N.K., Ajay Kumar K.					
Flux blended synthesis of novel Y2O3:Eu3 sensing arrays for highly sensitive dual mode detection of LFPs on versatile surfaces	Venkatachalaiah K.N., Nagabhushana H., Basavaraj R.B., Darshan G.P., Daruka Prasad B., Sharma S.C.	Journal of Rare Earths	2018	5	Jain University	5
Design of Bifunctional composite core-shell SiO2@ZnAl2O4:Eu3 array as a fluorescent sensors for selective and sensitive latent fingerprints visualization protocol	Komahal F.F., Nagabhushana H., Basavaraj R.B., Darshan G.P., Prasad B.D., Sharma S.C., Kavyashree D.	Advanced Powder Technology	2018	8	Jain University	8
Onepot microwave assisted synthesis and structural elucidation of novel ethyl	Chandrashekharappa	Journal of Molecu	2018	5	Jain Uni	5

| 3substituted7methylindolizine1carboxylates with larvicidal activity against Anopheles arabiensis | S., Venugopala K.N., Nayak S.K., M. Gleiser R., García D.A., Kumalo H.M., Kulkarni R.S., Mahomoodally F.M., Venugopala R., Mohan M.K., Odhav B. | lar Structure | | | versity | |

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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
Onepot microwave assisted synthesis and structural elucidation of novel ethyl	Chandrashekharappa	Journal of Molecu	2018	5	5	Jain Uni

3substituted7methylindolizine1carboxylates with larvicidal activity against Anopheles arabiensis	S., Venugopala K.N., Nayak S.K., M. Gleiser R., Garcia D.A., Kumalo H.M., Kulkarni R.S., Mahomoodally F.M., Venugopala R., Mohan M.K., Odhav B.	lar Structure				versity
PdDoped WO$_3$ Nanostructures as Potential Glucose Sensor with Insight from Electronic Structure Simulations	Ponnusamy R., Chakraborty B., Rout C.S.	Journal of Physical Chemistry B	2018	9	9	Jain University
Theoretical study of nematic to smectic transition in cylindrical porous media	Banerjee K.J., Govind A.S.	Liquid Crystals	2018	0	0	Jain University
Rare earth metal oxide (RE$_2$O$_3$ RE Nd, Gd, and Yb) incorporated polyindole composites: Gravimetric and volumetric capacitive	Majumder M., Choudhary R.B., Thakur	New Journal of Chemistry	2018	8	6	Jain University

performance for supercapacitor applications	A.K., Rout C.S., Gupta G.					
Efficient synthesis and characterization of novel indolizines: Exploration of: In vitro COX2 inhibitory activity and molecular modelling studies	Chandrashekharappa S., Venugopala K.N., Tratrat C., Mahomoodally F.M., Aldhubiab B.E., Haroun M., Venugopala R., Mohan M.K., Kulkarni R.S., Attimarad M.V., Harsha S., Odhav B.	New Journal of Chemistry	2018	4	4	Jain University
Synthesis and photoluminescence properties of titanium oxide (TiO$_2$) nanoparticles: Effect of calcination temperature	Horti N.C., Kamatagi M.D., Patil N.R., Nataraj S.K.,	Optik	2019	0	0	Jain University

	Sannai kar M.S., Inamda r S.R.					
Phase dependent photoluminescence and thermoluminescence properties of $Y_2SiO_5:Sm^3$ nanophosphors and its advanced forensic applications	Gowri M.M., Darsha n G.P., Naik Y.V., Premku mar H.B., Kavyas hree D., Sharma S.C., Nagabh ushana H.	Optica l Materi als	20 19	0	0	Jai n Uni ver sit y
Human adipose tissue mesenchymal stem cells as a novel treatment modality for correcting obesity induced metabolic dysregulation	Shree N., Venkat egowda S., Venkat rangan na M.V., Datta I., Bhonde R.R.	Intern ationa l Journa l of Obesit y	20 19	0	0	Jai n Uni ver sit y
Investigating the role of precipitating agents on the electrochemical performance of $MgCo_2O_4$	Kulkar ni P., Varnik a C., Tong B.L.Y. , Ghosh D., Balakr	Journa l of Electr oanaly tical Chemis try	20 19	0	0	Jai n Uni ver sit y

	ishna G., Rawat R.S., Adams S., Reddy M.V.					
Boosting the electrochemical performance of polyaniline based allsolidstate flexible supercapacitor using NiFe$_2$O$_4$ as adjuvant	Nagaraj R., Aruchamy K., Halanur M.M., Maalige R.N., Mondal D., Nataraj S.K., Ghosh D.	Journal of Electroanalytical Chemistry	2019	0	0	Jain University
From agriculture residue to catalyst support A green and sustainable cellulosebased dip catalyst for C–C coupling and direct arylation	Kandathil V., Kempasiddaiah M., B. S. S., Patil S.A.	Carbohydrate Polymers	2019	0	0	Jain University
Influence of curing condition on thermomechanical properties of fly ash reinforced epoxy composite	Pattanaik A., Mukherjee M., Mishra S.B.	Composites Part B: Engineering	2019	0	0	Jain University
Coumarin tethered cyclic imides as efficacious glucose uptake agents and	Reddy D.S., Kongot	Bioorganic	2019	0	0	Jain Uni

investigation of hit candidate to probe its binding mechanism with human serum albumin	M., Singh V., Maurya N., Patel R., Kumar Singhal N., Avecilla F., Kumar A.	Chemis try					ver sit y
Design, synthesis, and molecular docking study of new piperazine derivative as potential antimicrobial agents	Patil M., Noonik ara Poyil A., Joshi S.D., Patil S.A., Patil S.A., Bugari n A.	Bioorg anic Chemis try	20 19	1	1	Jai n Uni ver sit y
Synthesis, characterization, crystal structure and antibacterial properties of N- and O- functionalized (benz)imidazolium salts and their N-heterocyclic carbene silver(I) complexes	Achar G., Hokran i P.P., Brinda K.N., Maleck i J.G., Budagu mpi S.	Journa l of Molecu lar Struct ure	20 19	1	1	Jai n Uni ver sit y
Effect of nanofluid on reducing the smoke emissions from diesel engine	Arul Gnana Dhas A., Nagapp an B.,	Petrol eum Scienc e and Techno logy	20 19	0	0	Jai n Uni ver sit y

	Yoganand K., Arvind T., Varghese S., Christopherselvam D.					
Experimental and density functional theory investigations of catechol sensing properties of ZnO/RGO nanocomposites	Ponnusamy R., Venkatesan R., Gangan A., Samal R., Chakraborty B., Late D.J., Rout C.S.	Applied Surface Science	2019	0	0	Jain University
Partial purification and characterization of phytase from Aspergillus foetidus MTCC 11682	Ajith S., Ghosh J., Shet D., ShreeVidhya S., Punith B.D., Elangovan A.V.	AMB Express	2019	0	0	Jain University
The efficient mixed matrix antifouling membrane for surfactant stabilized oilinwater nanoemulsion separation	Naik N.S., Padaki M., Deon	Journal of Water Process	2019	0	0	Jain Univer

	S., Karuna karan G., Dizge N., Saxena M.	Engine ering				sit y
Synthesis, crystal structure and molecular docking studies of novel 2(4benzoylpiperazin1yl) quinoline3carbaldehyde	Desai N.R., Aruna Kumar D.B., Suchet an P.A., Lokana th N.K., Naveen S., Shivar aja G., Sreeni vasa S.	Chemic al Data Collec tions	20 19	0	0	Jai n Uni ver sit y
Synthesis, characterization crystal and molecular structure studies of 5(3Methylbenzoyl)4methyl1,3 ,4,5tetrahydro2H1,5benzodia zepin2one: Hirshfeld surface analysis and DFT calculations	Naveen S., Kumara K., M. AlMaqt ari H., Deepa Urs M.V., Jamali s J., Raghav a Reddy K., Lingeg owda N.S., Lokana	Chemic al Data Collec tions	20 19	0	0	Jai n Uni ver sit y

	th N.K.					
New urea derivatives as potential antimicrobial agents: Synthesis, biological evaluation, and molecular docking studies	Patil M., NoonikaraPoyil A., Joshi S.D., Patil S.A., Patil S.A., Bugarin A.	Antibiotics	2019	0	0	Jain University
Paper based field deployable sensor for naked eye monitoring of copper (II) ions elucidation of binding mechanism by DFT studies	Vishaka H.V., Saxena M., Chandan H.R., Ojha A.A., Balakrishna R.G.	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2019	1	1	Jain University
An experimental and computational study of enhanced charge storage capacity of chemical vapor deposited Ni$_3$S$_2$ reduced graphene oxide hybrids	Rout C.S., Mondal S., Samal R., Gangan A.S., Nayak S.K., Chakraborty B.	Applied Surface Science	2019	0	0	Jain University
Synthesis of poly(4, 4'biphenylene sulfonyl succinamide)polysulfone blend membranes for removal	Subrahmanya T.M., Naik N.S.,	Journal of Applied Polyme	2019	0	0	Jain Univer

of toxic metal ions from water	Padaki M., Geetha Balakrishna R., Jyothi M.S., Yadav S., Hung W.S.	r Science				sit y
A novel approach of augmenting training data for legal text segmentation by leveraging domain knowledge	Wagh R.S., Anand D.	Advances in Intelligent Systems and Computing	20 19	0	0	Jai n Uni ver sit y
Ultrafast synthesis of exfoliated manganese oxides in deep eutectic solvents for water purification and energy storage	Aruchamy K., Maalige R. N., Halanur M. M., Mahto A., Nagaraj R., Kalpana D., Ghosh D., Mondal D., Nataraj S.K.	Chemical Engineering Journal	20 19	0	0	Jai n Uni ver sit y
Bionics based camouflage clothing for soldiers	Gupta S., Hariprasad S.A.,	Advances in Intelligent Systems and	20 19	0	0	Jai n Uni ver sit y

	Kumar A.	Computing				
Naturally derived polysaccharidesmodified PSF membranes: A potency in enriching the antifouling nature of membranes	Lavanya C., Geetha Balakrishna R.	Separation and Purification Technology	2019	0	0	Jain University
A novel optimization approach for solving optimal load shedding problem considering different voltage stability indices	Raghu C.N., Manjunatha A., Raghavendra A.	International Journal of Scientific and Technology Research	2019	0	0	Jain University
Enhancement of thermographic images of composite laminates for debond detection: An approach based on Gabor filter and watershed	Sreeshan K., Dinesh R., Renji K.	NDT and E International	2019	0	0	Jain University
Remarkably selective biocompatible turnon fluorescent probe for detection of Fe^{3} in human blood samples and cells	Vishaka V.H., Saxena M., Geetha B.R., Latiyan S., Jain S.	RSC Advances	2019	0	0	Jain University
Multifunctional Dy (III) doped dicalcium silicate array for boosting display and forensic applications	Venkataravanappa M., Basavaraj R.B.,	Journal of Rare Earths	2018	10	10	Jain University

	Darshan G.P., Daruka Prasad B., Sharma S.C., Hema Prabha P., Ramani S., Nagabhushana H.					
EGCG assisted Y $_2$ O $_3$:Eu ^{3} nanopowders with 3D microarchitecture assemblies useful for latent finger print recognition and anticounterfeiting applications	Marappa B., Rudresha M.S., Basavaraj R.B., Darshan G.P., Prasad B.D., Sharma S.C., Sivakumari S., Amudha P., Nagabhushana H.	Sensors and Actuators, B: Chemical	2018	22	22	Jain University
Effect of twisted tape inserts on heat transfer, friction factor of Fe_3O_4 nanofluids flow in a double pipe Ubend heat exchanger	Ravi Kumar N.T., Bhramara P., Kirubeil A., Syam	International Communications in Heat and	2018	14	13	Jain University

	Sundar L., Singh M.K., Sousa A.C.M.	Mass Transfer				
Variation of the donor and acceptor in DAπA based cyanopyridine dyes and its effect on dye sensitized solar cells	Hemavathi B., Jayadev V., Ramamurthy P.C., Pai R.K., Narayanan Unni K.N., Ahipa T.N., Soman S., Balakrishna R.G.	New Journal of Chemistry	2019	0	0	Jain University
Metabolic dyshomeostasis by organophosphate insecticides: Insights from experimental and human studies	Joshi A.K.R., Sukumaran B.O.	EXCLI Journal	2019	0	0	Jain University
The photoelectrochemical response of a βCarotene coated hematite nanoarchitecture biophotoelectrode with cauliflower and nano octahedron types morphologies	Agarwal P., Bora D.K.	Journal of the Electrochemical Society	2019	0	0	Jain University
SelfDoped Interwoven Carbon Network Derived from Ulva fasciata for AllSolid Supercapacitor Devices:	Chaudhary J.P., Gupta R.,	ACS Sustainable Chemistry	2019	1	1	Jain Univer

SolventFree Approach to a Scalable Synthetic Route	Mahto A., Vadoda riya N., Dharma lingm K., Sanna Kotrap panava r N., Meena R.	and Engine ering				sit y
Nanostructured Stannic Oxides for White Light Emitting Diodes Provides Authentication for Latent Fingerprints Visualization under Diverse Environmental Conditions	Deepth i N.H., Darsha n G.P., Basava raj R.B., Prasad B.D., Sharma S.C., Kavyas hree D., Nagabh ushana H.	ACS Sustai nable Chemis try and Engine ering	20 19	0	0	Jai n Uni ver sit y
Preliminary studies on corner reflectors responses as seen in Sentinel1A images over Kanakapura region	Onisi Kiruba nandam N., Raju G.	Journa l of the Indian Societ y of Remote Sensin g	20 19	0	0	Jai n Uni ver sit y
Flexible, biodegradable and recyclable solar cells: a review	Sadasi vuni K.K., Deshmu	Journa l of Materi als	20 19	2	2	Jai n Uni ver

	kh K., Ahipa T.N., Muzaffar A., Ahamed M.B., Pasha S.K.K., AlMaadeed M.A.A.	Science: Materials in Electronics				sity
High charge acceptance through interface reaction on carbon coated negative electrode for advanced leadcarbon battery system	Sadhasivam T., Park M.J., Shim J.Y., Jin J.E., Kim S.C., Kurkuri M.D., Roh S.H., Jung H.Y.	Electrochimica Acta	2019	1	1	Jain University
Promising red emission from functionalized Polypyrrole/CaTiO<inf>3</inf>:Eu³ nanocomposites for photonic applications	Inamdar H.K., Ambika Prasad M.V.N., Basavaraj R.B., Sasikala M., Sharma S.C., Nagabh	Optical Materials	2019	1	1	Jain University

	ushana H.					
Convenient and efficient Suzuki–Miyaura and Heck–Mizoroki crosscoupling reactions catalyzed by 1,3,4trisubstituted1,2,3triazolium iodide and palladium salt systems	Shahini C.R., Achar G., Budagumpi S., Dateer R.B., Muller Bunz H., Tacke M., Patil S.A.	Journal of Coordination Chemistry	2019	0	0	Jain University
Parallelization and analysis of selected numerical algorithms using OpenMP and Pluto on symmetric multiprocessing machine	Sardar T.H., Faizabadi A.R.	Data Technologies and Applications	2019	0	0	Jain University
Genome sequence analysis of the Indian strain Mannheimia haemolytica serotype A2 from ovine pneumonic pasteurellosis	Sahay S., Shome R., Sankarasubramanian J., Vishnu U.S., Prajapati A., Natesan K., Shome B.R., Rahman H., Rajend	Annals of Microbiology	2019	0	0	Jain University

	hran J.					
Membranebased separation of potential emerging pollutants	Dharupaneedi S.P., Nataraj S.K., Nadagouda M., Reddy K.R., Shukla S.S., Aminabhavi T.M.	Separation and Purification Technology	2019	19	19	Jain University
A sustainable low temperature yarn reinforcing process to reduce water and energy consumptions and pollution in the textile industry	Jiang Q., Chen S., Deng X., Feng Y., Reddy N., Zhu Q., Liu W., Qiu Y.	Journal of Cleaner Production	2019	0	0	Jain University
ZnO Zeolite Nanocomposite for Photocatalytic Elimination of Benzophenone and Caffeine	Jagannatha R.B., Rani R S., Padaki M.	ChemistrySelect	2019	0	0	Jain University
Low operating pressure nanofiltration membrane with functionalized natural nanoclay as antifouling and flux promoting agent	Nidhi Maalige R., Aruchamy K., Mahto	Chemical Engineering Journal	2019	2	2	Jain University

	A., Sharma V., Deepik a D., Mondal D., Nataraj S.K.					
Fouling resistant functional blend membrane for removal of organic matter and heavy metal ions	Lavany a C., Balakr ishna R.G., Soonta rapa K., Padaki M.S.	Journa l of Enviro nmenta l Manage ment	20 19	2	2	Jai n Uni ver sit y
Uptake and distribution of fluopyram and tebuconazole residues in tomato and bell pepper plant tissues	Matadh a N.Y., Mohapa tra S., Siddam allaia h L., Udupi V.R., Gadige ppa S., Raja D.P.	Enviro nmenta l Scienc e and Pollut ion Resear ch	20 19	0	0	Jai n Uni ver sit y
Design of Bifunctional composite core-shell SiO<inf>2</inf>@ZnAl<inf>2</inf>O<inf>4</inf>:Eu³ array as a fluorescent sensors for selective and sensitive latent fingerprints visualization protocol	Komaha l F.F., Nagabh ushana H., Basava raj R.B., Darsha n	Advanc ed Powder Techno logy	20 18	8	8	Jai n Uni ver sit y

	G.P., Prasad B.D., Sharma S.C., Kavyashree D.					
Flux blended synthesis of novel Y_2O_3: Eu^3 sensing arrays for highly sensitive dual mode detection of LFPs on versatile surfaces	Venkatachalaiah K.N., Nagabhushana H., Basavaraj R.B., Darshan G.P., Daruka Prasad B., Sharma S.C.	Journal of Rare Earths	2018	5	5	Jain University
Diversity of commensal bacteria from midgut of pink stem borer (Sesamia inferens [Walker])Lepidoptera insect populations of India	Motcha Anthony Reetha B., Mohan M.	Journal of AsiaPacific Entomology	2018	1	1	Jain University
In Situ Generation of Cu^0 Supported on TiO_2 Aerogel as a Catalyst for the Vapour Phase Hydrogenation of Nitrobenzene to Aniline	Kainthla I., Gurram V.R.B., Bhanushali J.T., Kamaraju S.R.R., Keri R.S.,	Catalysis Letters	2018	1	1	Jain University

	Gosavi S.W., Jadhav A.H., Nagaraja B.M.				
Aggregation induced emission properties of new cyanopyridone derivatives	Swathi M.G., Ahipa T.N.	Journal of Molecular Liquids	2018	2	2	Jain University
Impact of Zinc oxide nanoparticles on eggplant (S. melongena): Studies on growth and the accumulation of nanoparticles	Thunugunta T., Reddy A.C., Seetharamaiah S.K., Hunashikatti L.R., Chandrappa S.G., Kalathil N.C., Reddy L.R.D.C.	IET Nanobiotechnology	2018	2	2	Jain University
Implementation of a novel algorithm secure double encryption standard (SDES384Bit) to prevent sidechannel attack for cloud data center	GuyCedric T.B.I., Suchithra R.	International Journal of Mechanical Engineering and Technology	2018	0	0	Jain University

Performance studies on cryogenic treated carbide cutting tool for turning of AISI304 steel	Patil N., Gopalakrishna K., Sangmesh B., Sudhakar K., Vijaykumar G.C.	Journal of Mechanical Engineering and Sciences	2018	1	1	Jain University
Heterocyclic modification of chitosan for the adsorption of Cu (II) and Cr (VI) ions	Anush S.M., Vishalakshi B., Chandan H.R., Geetha B.R.	Separation Science and Technology (Philadelphia)	2018	9	9	Jain University
Production, characterization and iron binding affinity of hydroxamate siderophores from rhizosphere associated fluorescent Pseudomonas	Deori M., Jayamohan N.S., Kumudini B.S.	Journal of Plant Protection Research	2018	1	1	Jain University
Performance enhancement of MRPSOC for multimedia applications	Kavitha V., Ramakrishanan K.V.	Advances in Intelligent Systems and Computing	2018	0	0	Jain University
An efficient fault tolerant and cost optimized power model for distributed power generation system	Raghavendra G., Ramachandra M.	Journal of Advanced Research in Dynamical	2018	0	0	Jain University

		and Control Systems			
Exploring the chelating capacity of 2hydroxyphenylbenzimidazole based hybrids with multitarget ability as antiAlzheimers agents	Chaves S., Hiremathad A., Tomas D., Keri R.S., Piemontese L., Amelia Santos M.	New Journal of Chemistry	2018	2	2	Jain University
A novel algorithm for bitcoin address generation using elliptical curve cryptography	Shah P.G., Shah N.P., Ramesh K.B.	Proceedings of 2018 the 8th International Workshop on Computer Science and Engineering, WCSE 2018	2018	0	0	Jain University
Robust multi variable process control chart pattern recognition using neural modeling	Kadakadiyavar S., Ramrao N., Singh M.K.	Journal of Engineering and Applied	2018	0	0	Jain University

		Scienc es				
Youngsters opinion on personal data security	Seranm a Devi R., Ramesh S.	Intern ationa l Journa l of Mechan ical and Produc tion Engine ering Resear ch and Develo pment	20 18	0	0	Jai n Uni ver sit y
Phosphorescent cyclometalated iridium(iii) complexes: Synthesis, photophysics, DNA interaction, cellular internalization, and cytotoxic activity	Bhat S.S., Revank ar V.K., Pinjar i R.V., Naveen S., Lokana th N.K., Kumbar V., Bhat K., Kokare D.G.	New Journa l of Chemis try	20 18	1	1	Jai n Uni ver sit y
LCarnitine as an additive in Tyrodes buffer during platelet storage	Mithun M., Rajash ekarai ah V.	Blood Coagul ation and Fibrin olysis	20 18	0	0	Jai n Uni ver sit y
Demonetization effect on Indian retail sector	Seranm adevi R.,	Intern ationa l	20 18	0	0	Jai n Uni

	Murali dhar S.	Journa l of Mechan ical and Produc tion Engine ering Resear ch and Develo pment				ver sit y
Synthesis, in silico and antifungal studies of novel thiophene analogues containing pyrazole ring	AlMaqt ari H.M., Jamali s J., Chande r S., Sirat H.M., Naveen S., Lokana th N.K., Bohari S.P.M. , Bhagwa t D.P., Sankar anaray anan M.	Letter s in Drug Design and Discov ery	20 18	1	1	Jai n Uni ver sit y
Controllable synthesis of TiO$_2$ chemically bonded graphene for photocatalytic hydrogen evolution and dye degradation	Kumar K.Y., Saini H., Pandia rajan D., Prasha nth M.K.,	Cataly sis Today	20 18	0	0	Jai n Uni ver sit y

	Parashuram L., Raghu M.S.				
Analysis of dissimilar metal welding of EN19 and SS304L	Gopalakrishna G.T., Ajay Kumar B.S., Vishnu K.R., Sundareshan S.D.	International Journal of Vehicle Structures and Systems	2018	0	0	Jain University
An automated grading system for diabetic retinopathy using curvelet transform and hierarchical classification	Mukti F.A., Eswaran C., Hashim N., Ching H.C., Ayoobkhan M.U.A.	International Journal of Engineering and Technology(UAE)	2018	1	1	Jain University
Multi culture diversity based self adaptive particle swarm optimization for optimal floor planning	Kumar S.B.V., Rao P.V., Singh M.K.	Multiagent and Grid Systems	2018	0	0	Jain University
Multi resolution approch for the segmentation of brain tumor from MR images using active contour model	Mahesan K.V., Bhargavi S., Jayadevappa D.	Journal of Advanced Research in Dynamical and Control	2018	0	0	Jain University

		System s				
Satellite cluster close approaches determination for collision avoidance	Charul atha S., Garuda char R.	Intern ationa l Journa l of Vehicl e Struct ures and System s	20 18	0	0	Jai n Uni ver sit y
A comprehensive solution for risk management in software development projects	Bhujan g R.K., Suma V.	Intern ationa l Journa l of Intell igent System s Techno logies and Applic ations	20 18	0	0	Jai n Uni ver sit y
Aggregation induced light harvesting of molecularly engineered DAΠA carbazole dyes for dyesensitized solar cells	Hemava thi B., Jayade v V., Pradha n S.C., Gokul G., Jagadi sh K., Chandr asheka ra G.K., Ramamu rthy	Solar Energy	20 18	3	3	Jai n Uni ver sit y

	P.C., Pai R.K., Narayanan Unni K.N., Ahipa T.N., Soman S., Geetha Balakrishna R.				
Identification of bioactive glucoselowering compounds of methanolic extract of Hodgsonia heteroclita fruit pulp	Usha T., Goyal A.K., Narzary D., Prakash L., Wadhwa G., Babu D., Shanmugarajan D., Middha S.K.	Frontiers in Bioscience Landmark	2018	3	2	Jain University
MnO<inf>2</inf> polymorph selection for nonenzymatic glucose detection: An integrated experimental and density functional theory investigation	Ponnusamy R., Venkatesan R., Kandasamy M., Chakraborty B., Rout C.S.	Applied Surface Science	2019	1	0	Jain University

Assessment of fluorescence polarization assay: a candid diagnostic tool in Brucella abortus strain 19 vaccinated areas	Kalleshamurthy T., Shekar R., Niranjanamurthy H.H., Natesan K., Shome B.R., Bambal R.G., Sairiwal L., Barbuddhe S.B., Sahare A., Kilari S., Rahman H., Shome R.	Microbiology and Immunology	2018	0	0	Jain University
Lysine assisted hydrothermal synthesis and formation process of $MoO_3:Sm^3$ phosphors with hierarchical structures and its electron trapping luminescence properties	Yogananda H.S., Basavaraj R.B., Naik R., Darshan G.P., Sharma S.C., Daruka Prasad , Nagabhushana H.	Journal of Alloys and Compounds	2018	4	4	Jain University

Security with IP Address Assignment and Spoofing for Smart IOT Devices	Rajashree S., Soman K.S., Shah P.G.	2018 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2018	2018	0	0	Jain University
Time series analysis of large scale rainfall data using regression automata models	Manepalli T.S., Subramanian C.	International Journal of Intelligent Engineering and Systems	2018	1	1	Jain University
Architectures of charge pump for digital phase locked loops	Rajeshwari D.S., Rao P.V.	Lecture Notes in Networks and Systems	2018	0	0	Jain University
Tuning the pure monoclinic phase of WO<inf>3</inf> and WO<inf>3</inf>Ag nanostructures for nonenzymatic glucose sensing application with theoretical insight from	Ponnusamy R., Gangan A., Chakraborty B.,	Journal of Applied Physics	2018	6	5	Jain University

electronic structure simulations	Sekhar Rout C.				
Speciesspecific and differential expression of BSP5 and other BSP variants in normozoospermic and asthenozoospermic buffalo (Bubalus bubalis) and cattle (Bos taurus) seminal plasma	Divyashree B.C., Roy S.C.	Theriogenology	2018	1	1	Jain University
An analytical model of prominence dynamics	Routh S., Saha S., Bhat A., Sundar M.N.	Advances in Space Research	2018	0	0	Jain University
Fabrication of TiO <inf>2</inf> /poly (3Cyanopyridinefluorene) hybrid nanocomposite as electron transport layer for dye sensitized solar cell	Hemavathi B., Jagadish K., Ahipa T.N., Balakrishna R.G.	Journal of Electroanalytical Chemistry	2019	0	0	Jain University
Optimization of batch electrochemical coagulation for treatment of real textile wastewater using stainless steel electrodes by ccd of rsm	Hanumanthappa S., Shivaswamy M., Mahesh S.	Desalination and Water Treatment	2019	0	0	Jain University
Hybrid CPUGPU model based simulation of spiking neural networks using a lookup table	Sreenivasa N., Balaji S.	International Journal of Innovative Techno	2019	1	1	Jain University

		logy and Exploring Engineering				
Proteinprotein docking using multidimensional spherical basis functions on high performance computing platform	Abhishek K., Balaji S.	International Journal of Innovative Technology and Exploring Engineering	2019	0	0	Jain University
Performance analysis for node recovery and forward node move algorithm on channel models	Biradar D.V., Nataraj K.R.	International Journal of Engineering and Advanced Technology	2019	0	0	Jain University
Data Categorization Using Hadoop MapReduceBased Parallel KMeans Clustering	Ansari Z., Afzal A., Sardar T.H.	Journal of The Institution of Engineers (India): Series B	2019	0	0	Jain University
Checklist of vespid wasps (Hymenoptera: Vespidae) of	Gawas S.M.,	Zootaxa	2019	0	0	Jain

Goa, India, with new records and a key to species	Kumar P.G., Gupta A., Sureshan P.M.					University
3D point cloud registration using AKAZE features and graph optimization	Dayananda Kumar N.C., Suresh K.V., Dinesh R.	Proceedings of the 2019 IEEE International Conference on Communication and Signal Processing, ICCSP 2019	2019	0	0	Jain University
Wavelet based analysis of EEG signal for detecting various conditions of driver	Viswavardhan Reddy K., Kumar N.	Proceedings of the 2019 IEEE International Conference on Communication and Signal Processing, ICCSP 2019	2019	0	0	Jain University

Photoluminescence properties of copper oxide nanoparticles: Effect of solvents	Horti N.C., Kamatagi M.D., Nataraj S.K.	AIP Conference Proceedings	2019	0	0	Jain University
VSe<inf>2</inf>reduced graphene oxide as efficient cathode material for field emission	Ratha S., Bankar P., Gangan A.S., More M.A., Late D.J., Behera J.N., Chakraborty B., Rout C.S.	Journal of Physics and Chemistry of Solids	2019	1	1	Jain University
Payload fragmentation framework for highperformance computing in cloud environment	Vivek V., Srinivasan R., Elijah Blessing R., Dhanasekaran R.	Journal of Supercomputing	2019	0	0	Jain University
How farmers benefit from integration of EO, meteorological, positioning and field data in an analytics engine The AgriGIS example of S Odisha, India	Rao M.K., Murthi S.K.R., Sreeram G.C., Nayak J., Deepak	Proceedings of the International Astronautical Congre	2018	0	0	Jain University

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In emerging eo newspace global markets Challenges for Indian remote sensing systems	Sridhara Murthi K.R., Rao M.K.	Proceedings of the International Astronautical Congress, IAC	2018	0	0	Jain University
Analysis of ASL recognition system for aligned RGBD image	Pradeep Kumar B.P., Manjunatha M.B.	Journal of Advanced Research in Dynamical and Control Systems	2018	1	1	Jain University
Energy efficient secured cluster based distributed fault diagnosis protocol for IoT	Ara T., Prabhkar M., Shah P.G.	International Journal of Communication Networks and Information Security	2018	0	0	Jain University

Enhancing time performance by job commonality feature: Hadoop	Soumya C.V., Ahmed M.	Proceedings of the 2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	2018	0	0	Jain University
Application of citation network analysis for improved similarity index estimation of legal case documents : A study	Wagh R., Anand D.	2017 IEEE International Conference on Current Trends in Advanced Computing, ICCTAC 2017	2018	2	2	Jain University
An improved watershed segmentation by flooding and pruning algorithm for assessment of diabetic wound healing	Babu K.S., Ravi Kumar Y.B., Sabut S.	RTEICT 2017 2nd IEEE International Confer	2018	0	0	Jain University

		ence on Recent Trends in Electronics, Information and Communication Technology, Proceedings				
Type2 fuzzy logic control for airlane monitoring	Shrinivasan L., Raol J.R.	RTEICT 2017 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	20 18	0	0	Jain University
Asynchronous approach for network fault management by strongly typed genetic programming	Shahi B., Jha D., Dushya	RTEICT 2017 2nd IEEE Intern	20 18	0	0	Jain Univer

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Optimizing handover in LTE using SON system by handling mobility robustness	Venkatesh G.K., Rao P.V.	RTEICT 2017 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2018	0	0	Jain University
Novel scheme for minimal iterative PSO algorithm for	Hemavathi	International	2018	3	3	Jain

extending network lifetime of wireless sensor network	P., Nandak umar A.N.	l Journa l of Electr ical and Comput er Engine ering				Uni ver sit y
Balancing tradeoff between data security and energy model for wireless sensor network	Manjun ath B.E., Rao P.V.	Intern ationa l Journa l of Electr ical and Comput er Engine ering	20 18	7	6	Jai n Uni ver sit y
Effect of food to vegetable waste ratio on acidogenesis and methanogenesis during twostage integration	Chakra borty D., Venkat a Mohan S.	Biores ource Techno logy	20 18	8	7	Jai n Uni ver sit y
Novel patterning of CdS / CdTe thin film with back contacts for photovoltaic application	Ilango M.S., Ramase sha S.K.	Praman a Journa l of Physic s	20 18	0	0	Jai n Uni ver sit y
Handling Unknown with Blend of Scan and Scan Compression	Shanta giri P.V., Kapur R.	Journa l of Electr onic Testin g: Theory and Applic ations	20 18	1	1	Jai n Uni ver sit y

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Enthalpydriven interaction between dihydropyrimidine compound and bovine serum albumin: a spectroscopic and computational approach	Kongot M., Maurya N., Dohare N., Parray M.U.D. , Maurya J.K., Kumar A., Patel R.	Journal of Biomolecular Structure and Dynamics	2018	7	7	Jain University
Band structure of the quaternary Heusler alloys ScMnFeSn and ScFeCoAl	Shanthi N., Teja Y.N., Shaji S.M., Hosamani S., Divya H.S.	AIP Conference Proceedings	2018	0	0	Jain University
A hybrid approach for cost effective routing for WSNs using PSO and GSO algorithms	Asha G.R., Gowrishankar	2017 International Conference on Big Data, IoT and Data Science, BID 2017	2018	2	2	Jain University
Dynamic traffic rule violation monitoring system using automatic number plate recognition with SMS feedback	Shreyas R., Kumar B.V.P. ,	2nd International Confer	2018	0	0	Jain Univer

	Adithya H.B., Padmaja B., Sunil M.P.	ence on Telecommunication and Networks, TELNET 2017				sity y
Ecofriendly Synthesis of Metal/Metal Oxide Nanoparticles and Their Application in Food Packaging and Food Preservation	Jagadish K., Shiralgi Y., Chandrashekar B.N., Dhananjaya B.L., Srikantaswamy S.	Impact of Nanoscience in the Food Industry	2018	1	1	Jain University
Machine learning and predictionbased resource management in IoT considering Qos	Bhaddurgatte R.C., Vijaya Kumar B.P., Kusuma S.M.	International Journal of Recent Technology and Engineering	2019	0	0	Jain University
Fabrication of PANI/SnO<inf>2</inf> Hybrid Nanocomposites via Interfacial Polymerization for High Performance Supercapacitors Applications	Prasanna B.P., Avadhani D.N., Raj V., Kumar K.Y.,	Surface Engineering and Applied Electrochemistry	2019	0	0	Jain University

	Raghu M.S.					
An innovative technique for optimization of efficiency of transformer and inductor	Veetil M., Kadripathi K.N., Kiran K.S., Yethinder Ragav L.	International Journal of Recent Technology and Engineering	2019	0	0	Jain University
The feature based image stitching techniques	Arun Kumar R., Sathesh Kumar K., Prasanth T., Balakrishnan K.	International Journal of Recent Technology and Engineering	2019	0	0	Jain University
The influence of physicochemical parameters on phosphate solubilization and the biocontrol traits of Pseudomonas aeruginosa FP6 in phosphatedeficient conditions	Bhakthavatchalu S., Shivakumar S.	Jordan Journal of Biological Sciences	2018	0	0	Jain University
New Paradigms for Commercial Benefits from Indias Earth Observation Activities	Murthi K.R.S.	New Space	2018	0	0	Jain University
Future Indian Space: Perspectives of Game Changers	Rao M.K., Murthi K.R.S., Raj B.	New Space	2018	0	0	Jain University

Smart meter modelling and fault location communication in Smart Grid	Vilas V.G., Muralidhara V., Bakre S.M., Velhal V.	Majlesi Journal of Electrical Engineering	2018	0	0	Jain University
An investigation of hydrogen generation and antibacterial activity of TiO$_2$ nanoparticles synthesized by the ionic liquid aided ionothermal method	Yadav L.S.R., Manjunath K., Kavitha C., Nagaraju G.	Journal of Science: Advanced Materials and Devices	2018	3	3	Jain University
Role of conducting polymer and metal oxidebased hybrids for applications in ampereometric sensors and biosensors	Dakshayini B.S., Reddy K.R., Mishra A., Shetti N.P., Malode S.J., Basu S., Naveen S., Raghu A.V.	Microchemical Journal	2019	8	7	Jain University
Population growth potential of Tuta absoluta (Meyrick) (Lepidoptera: Gelechiidae) on tomato, potato, and eggplant	Kanle Satishchandra N., Chakravarthy A.K., Ozgokce	Journal of Applied Entomology	2019	0	0	Jain University

	M.S., Atlihan R.					
Enhanced dual authentication and key management scheme for data authentication in vehicular ad hoc network	Alangudi Balaji N., Sukumar R., Parvathy M.	Computers and Electrical Engineering	2019	0	0	Jain University
Synthesis, molecular docking studies, and antimicrobial evaluation of new structurally diverse ureas	Patil M., Poyil A.N., Joshi S.D., Patil S.A., Patil S.A., Bugarin A.	Bioorganic Chemistry	2019	2	2	Jain University
Synthesis, spectral characterization and Xray crystal structure studies of 3(benzo[d][1,3]dioxol5yl)5(3methylthiophen2yl)4,5dihydro1Hpyrazole1carboxamide: Hirshfeld surface, DFT and thermal analysis	Kumara K., Dileep Kumar A., Naveen S., Ajay Kumar K., Lokanath N.K.	Journal of Molecular Structure	2018	6	6	Jain University
Molecular structure, Hirshfeld surface analysis, theoretical investigations and nonlinear optical properties of a novel crystalline chalcone derivative: (E)1(5bromothiophen2yl)3(ptolyl)prop2en1one	Pramodh B., Lokanath N.K., Naveen S., Naresh P., Gangul	Journal of Molecular Structure	2018	3	3	Jain University

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Effect of immobilized fungal phytase on growth performance and bone traits of broilers fed with low dietary calcium and phosphorus	Ajith S., Shet D., Ghosh J., Awachat V.B., Bhat K., Pal D., Elangovan A.V.	Veterinary World	2018	2	2	Jain University
Revisting of elliptical curve cryptography for securing Internet of Things (IOT)	Shah D.P., Shah P.G.	2018 Advances in Science and Engineering Technology International Conferences, ASET 2018	2018	1	1	Jain University
Interaction of promethazine and adiphenine to human hemoglobin: A comparative spectroscopic and computational analysis	Maurya N., uddin Parray M., Maurya J.K., Kumar A., Patel R.	Spectrochimica Acta Part A: Molecular and Biomolecular	2018	14	13	Jain University

		Spectroscopy				
Analysis of risk in software process models	Bhujang R.K., Suma V.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018	0	0	Jain University
In Silico evaluation and identification of fungi capable of producing endoinulinase enzyme	Chikkerur J., Samanta A.K., Dhali A., Kolte A.P., Roy S., Maria P.	PLoS ONE	2018	0	0	Jain University
On distortion energy theory in high cycle multiaxial fatigue	Bhat S., Adarsha H., Pattanaik A., Ravinarayan V.	International Journal of Mechanical Engineering and Technology	2018	0	0	Jain University

Security Model for Internet of Things End Devices	Rajashree S., Gajkumar Shah P., Murali S.	Proceedings IEEE 2018 International Congress on Cybermatics: 2018 IEEE Conferences on Internet of Things, Green Computing and Communications, Cyber, Physical and Social Computing, Smart Data, Blockchain, Computer and Information Technology, iThings	2018	0	0	Jain University
Solventfree production of nanoFeS anchored graphene	Mahto A.,	Journal of	2018	7	6	Jain

from Ulva fasciata: A scalable synthesis of superadsorbent for lead, chromium and dyes	Kumar A., Chaudhary J.P., Bhatt M., Sharma A.K., Paul P., Nataraj S.K., Meena R.	Hazardous Materials				University
Network lifetime enhancement using energy aware sink and node relocation min hop method for wireless sensor network	Biradar D.V., Nataraj K.R.	Journal of Advanced Research in Dynamical and Control Systems	2019	0	0	Jain University
Novel process for preparation of metalpolymer composite membranes for hydrogen separation	Strugova D.V., Zadorozhnyy M.Y., Berdonosova E.A., Yablokova M.Y., Konik P.A., Zheleznyi M.V., Semeno	International Journal of Hydrogen Energy	2018	2	2	Jain University

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Handwritten electronic components recognition: An approach based on HOG SVM	Lakshman Naika R., Dinesh R., Santoshnaik	Journal of Theoretical and Applied Information Technology	2018	0	0	Jain University
Ionothermal synthesis of TiO$_2$ nanoparticles for enhanced photocatalytic H$_2$ generation	Nagaraju G., Udayabhanu, Shubha J.P., Manjunath K., Dupont J.	International Journal of Hydrogen Energy	2018	5	5	Jain University
Effect of hydraulic coefficient on membrane performance for rejection of emerging contaminants	Babu V.S., Padaki M., DSouza L.P., Deon S.,	Chemical Engineering Journal	2018	5	5	Jain University

	Geetha Balakrishna R., Ismail A.F.					
Crystal structure of 4phenyl3((4phenyl1H1,2,3triazol1yl)methyl)1H1,2,4triazole5(4H)thione, $C_{17}H_{14}N_6S$	Aouad M.R., Messali M., Rezki N., Shivalingegowda N., Warad I.	Zeitschrift fur Kristallographie New Crystal Structures	2018	0	0	Jain University
Benzoxazole and dioxolane substituted benzimidazole-based N-heterocyclic carbene-silver(I) complexes: Synthesis, structural characterization and in vitro antimicrobial activity	Shahini C.R., Achar G., Budagumpi S., Muller Bunz H., Tacke M., Patil S.A.	Journal of Organometallic Chemistry	2018	4	4	Jain University
Development of coumarin-benzofuran hybrids as versatile multitargeted compounds for the treatment of Alzheimer's Disease	Hiremathad A., Chand K., Keri R.S.	Chemical Biology and Drug Design	2018	3	3	Jain University
Mitigation of ionosphere scintillation effects on navigation receiver using Kalman filter technique	Ramakrishna M.T., Garudachar R.	International Journal of Intell	2018	0	0	Jain University

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Comparative study of natural and artificial flavoring agents and dyes	Dikshit R., Tallapragada P.	Natural and Artifiial Flavoring Agents and Food Dyes: Handbook of Food Bioengineering	2018	3	3	Jain University
An approach to the design of composite radome for airborne surveillance application	Ilavarasu S., Niranjanappa A.C., Singh M., Narayana P.A.A.	International Journal of Mechanical Engineering and Technology	2018	0	0	Jain University
Novel springloaded wear test rig to test the material life of probes used in the ingenious sixwindow gauging system	Swaminathan P., Keshavanarayana G.	Journal of Testing and Evaluation	2018	0	0	Jain University
Direct Aerobic Strategy for Synthesis of Imines via Alcohols and Amines Promoted by Ruthenium(II) (η^6pcymene) Complexes	Manikandan T.S., Ramesh R., Shival	Chemistryselect	2018	5	5	Jain University

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Digital smart pen with automatic parsing	Jain Y., Riya, Deepa T.P.	Interna tional Confer ence on Electr ical, Electr onics, Commun icatio n Comput er Techno logies and Optimi zation Techni ques, ICEECC OT 2017	20 18	0	0	Jai n Uni ver sit y
Identification of PCB faults using image processing	Nayak J.P.R. , Parame shacha ri B.D., Sunjiv Soyjau dah K.M., Rajash ekarap pa, Banu	Interna tional Confer ence on Electr ical, Electr onics, Commun icatio n Comput er	20 18	0	0	Jai n Uni ver sit y

		R., Nuthan A.C.	Technologies and Optimization Techniques, ICEECCOT 2017				
Synthesis, spectra and Xray crystallography of dipyridin2ylmethanone oxime and its CuX$_2$(oxime)$_2$ complexes: Thermal, Hirshfeld surface and DFT analysis		Warad I., Abdoh M., Al Ali A., Shivalingegowda N., Kumara K., Zarrouk A., Lokanath N.K.	Journal of Molecular Structure	2018	4	4	Jain University
Rapid synthesis of Cdot@TiO$_2$ coreshell composite labeling agent: Probing of complex fingerprints recovery in fresh water		Amith Yadav H.J., Eraiah B., Basavaraj R.B., Nagabhushana H., Darshan G.P., Sharma S.C., Daruka Prasad B., Nithya	Journal of Alloys and Compounds	2018	5	5	Jain University

	R., Shanthi S.					
Apoptosis induction in cancer cell lines by the carotenoid Fucoxanthinol from Pseudomonas stutzeri JGI 52	Shukla M., Varalakshmi K.N.	Indian Journal of Pharmacology	2018	0	0	Jain University
Synthesis and evaluation of novel coumarinoxime ethers as potential antitubercular agents: Their DNA cleavage ability and BSA interaction study	Reddy D.S., Kongot M., Netalkar S.P., Kurjogi M.M., Kumar R., Avecilla F., Kumar A.	European Journal of Medicinal Chemistry	2018	15	15	Jain University
Facile LaOF: Sm^{3} based labeling agent and their applications in residue chemistry of latent fingerprint and cheiloscopy under UV-visible light	Suresh C., Nagabhushana H., Darshan G.P., Basavaraj R.B., Kavyashree D., Sharma S.C., Arulmozhi A., Daruka Prasad	Arabian Journal of Chemistry	2018	12	11	Jain University

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Effect of triazoletryptophan hybrid on the conformation stability of bovine serum albumin	Aneja B., Kumari M., Azam A., Kumar A., Abid M., Patel R.	Lumine scence	20 18	4	4	Jai n Uni ver sit y
Observation of simultaneous photocatalytic degradation and hydrogen evolution on the lanthanum modified TiO<inf>2</inf> nanostructures	Shweth arani R., Sakar M., Chanda n H.R., Geetha Balakr ishna R.	Materi als Letter s	20 18	6	6	Jai n Uni ver sit y
Quinoxaline and quinoxaline1,4diNoxides: An emerging class of antimycobacterials	Keri R.S., Pandul e S.S., Budagu mpi S., Nagara ja B.M.	Archiv der Pharma zie	20 18	1	1	Jai n Uni ver sit y
The relationship of workplace flexibility to employee engagement among information technology employees in India	Ugargo l J.D., Patric k H.A.	South Asian Journa l of Human Resour ces	20 18	0	0	Jai n Uni ver sit y

		Manage ment				
Photocatalytic, biodiesel, electrochemical sensing properties and formylation reactions of ZnO nanoparticles synthesized via ecofriendly green synthesis method	Reddy Yadav L.S., Raghav endra M., Udayab hanu, Manjun ath K., Nagara ju G.	Journal of Materials Science: Materials in Electronics	2018	4	4	Jain University
Experimental determination of critical ARC length for AC flashover of polluted porcelain disc insulators	Mounes warach ar H.C., Dixit P.	International Journal of Power and Energy Systems	2018	0	0	Jain University
Synthesis of polyaniline/MWCNTs by interfacial polymerization for superior hybrid supercapacitance performance	Prasan na B.P., Avadha ni D.N., Chaitr a K., Nagara ju N., Kathya yini N.	Journal of Polymer Research	2018	4	4	Jain University
SiCl$_4$ mediated onepot synthesis of novel spirobibenzopyrans as potent anticancer agents	Kar S., Shival ingego wda N., Krishn appago	New Journal of Chemis try	2019	0	0	Jain University

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Hybrid CPUGPU Coprocessing scheme for simulating spiking neural networks	Sreenivasa N., Balaji S.	International Journal of Innovative Technology and Exploring Engineering	2019	1	1	Jain University
Hybrid parallelization of proteinligand docking using fast fourier transformations and rigid body conformation	Abhishek K., Balaji S.	International Journal of Innovative Technology and Exploring Engineering	2019	0	0	Jain University
Combustion science	Chakraborty D., Mukunda H.S.	Current Science	2019	0	0	Jain University
Swarm intelligence based optimization of energy consumption in cognitive radio network	Gogoi A.J., Choudhury H.A., Baishn	Journal of Intelligent and Fuzzy	2019	1	1	Jain University

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Editorial	Borah S., Jayanthiladevi A.	International Journal of Internet Protocol Technology	2019	0	0	Jain University
Radiometric Calibration of RISAT1 SAR Image Using Integral Method	Manjula T.R., Praveen T.N., Vinod Raju M., Vishwanath B.D., Meghana P., Raju G.	Lecture Notes in Electrical Engineering	2019	0	0	Jain University
Vibration Controllability of Sandwich Structures with Smart Materials of Electrorheological Fluids and Magnetorheological Materials: A Review	Kolekar S., Venkatesh K., Oh J.S., Choi S.B.	Journal of Vibrational Engineering and Technologies	2019	0	0	Jain University
An efficient technique to remove gaussian noise and improve the quality of magnetic resonance image	Rajeswaran N., Lawrence T.S., Ramkumar	International Journal of Innovative Techno	2019	0	0	Jain University

	R.P., Thangadurai N.	logy and Exploring Engineering				
Eeadselfcloud: Energy efficient adaptive depth self cloud mechanism for VM migration in data centers	Jason S., Suchithra R.	International Journal of Innovative Technology and Exploring Engineering	2019	0	0	Jain University
Insights into the tio$_2$based photocatalytic systems and their mechanisms	Sakar M., Mithun Prakash R., TrongOn D.	Catalysts	2019	0	0	Jain University
NUV lightinduced visible green emissions of Erbiumdoped hierarchical Bi$_2$Zr$_2$O$_7$ structures	Rajashekharaiah A.S., Darshan G.P., Basavaraj R.B., Naik Y.V., Kavyashree D., Sharma S.C., Nagabh	Optical Materials	2019	0	0	Jain University

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Green synthesis of Ag[sbnd]ZnO nanoparticles: Structural analysis, hydrogen generation, formylation and biodiesel applications	Yadav L.S.R. , Pratib ha S., Manjun ath K., Shivan na M., Ramakr ishnap pa T., Dhanan jaya N., Nagara ju G.	Journa l of Scienc e: Advanc ed Materi als and Device s	20 19	2	1	Jai n Uni ver sit y
Multimodal biometrics data based gender classification using machine vision	Gornal e S.S., Patil A., Kruthi R.	Intern ationa l Journa l of Innova tive Techno logy and Explor ing Engine ering	20 19	0	0	Jai n Uni ver sit y
Voltage and frequency based optimal load shedding using improved self adaptive harmony search algorithm	Raghu C.N., Manjun atha A., Raghav endra G.	Intern ationa l Journa l of Innova tive Techno logy and Explor ing	20 19	0	0	Jai n Uni ver sit y

		Engineering				
A remote patient monitoring system: Need, trends, challenges and opportunities	Bokefode J.D., Komarasamy G.	International Journal of Scientific and Technology Research	2019	0	0	Jain University
Pilot based channelestimation 4G LTE OFDM utilizing time space procedure in video transmission	Ramalingam A., Jabeen F.	International Journal of Recent Technology and Engineering	2019	0	0	Jain University
A GPU optimized technique for scalable spiking neural network simulation	Sreenivasa N., Balaji S.	International Journal of Recent Technology and Engineering	2019	0	0	Jain University
Metaheuristics based optimization technique for proteinligand docking	Abhishek K., Balaji S.	International Journal of Recent Technology and	2019	0	0	Jain University

		Engine ering				
Sulfonic acid functionalized PVA/PVDF composite hollow microcapsules: Highly phenomenal amp recyclable catalysts for sustainable hydrogen production	Prasad D., Patil K.N., Chaitr a C.R., Sandhy a N., Bhanus hali J.T., Gosavi S.W., Jadhav A.H., Nagara ja B.M.	Applie d Surfac e Scienc e	20 19	1	1	Jai n Uni ver sit y
Poly (benzoguanamine) modified sensor for catechol in presence of hydroquinone: A voltammetric study	Chetan kumar K., Swamy B.E.K. , Sharma S.C.	Journa l of Electr oanaly tical Chemis try	20 19	0	0	Jai n Uni ver sit y
Primary Plant Metabolism During PlantPathogen Interactions and Its Role in Defense	Kumudi ni B.S., Jayamo han N.S., Patil S.V., Govard hana M.	Plant Metabo lites and Regula tion under Enviro nmenta l Stress	20 18	1	1	Jai n Uni ver sit y
Influence of terminal alkoxy chain lengths on the solvatochromic and AIE properties of 4,6bis(4(3,4bis(alkoxy)styr	Hemava thi B., Trupth i Devaia	Dyes and Pigmen ts	20 18	2	2	Jai n Uni ver sit y

yl)phenyl)2methoxynicotinon itriles	h C., Swathi M.G., Ahipa T.N.					
Enhancement of PQ in grid connected PV system using hybrid technique	Sujath a B.G., Anitha G.S.	Ain Shams Engine ering Journa l	20 18	2	2	Jai n Uni ver sit y
N [2(Trifluoromethyl)phenyl]m aleamic acid: Crystal structure and Hirshfeld surface analysis	Suchet an P.A., Prakas h S.M., Lokana th N.K., Naveen S., Warad I.	Acta Crysta llogra phica Sectio n E: Crysta llogra phic Commun icatio ns	20 19	0	0	Jai n Uni ver sit y
VSA Vocal based smart phone authentication system	Husein S.T., Sarava na Balaji B., Saleem Basha M.S., Mathiy alagan R.	Intern ationa l Journa l of Engine ering Resear ch and Techno logy	20 19	0	0	Jai n Uni ver sit y
Mitigation of Drought Stress by Piriformospora indica in Solanum melongena L. cultivars	Swetha S., Padmav athi T.	Procee dings of the Nation al Academ y of Scienc es India	20 19	0	0	Jai n Uni ver sit y

		Section B Biological Sciences				
Recent synthetic advances in pyridinebased thermotropic mesogens	Devadiga D., Ahipa T.N.	RSC Advances	2019	1	1	Jain University
Effectiveness of information and communication technologies on the learning outcomes of management graduates in public and private sector institutes	Kiran G., Chotai N., Gopalakrishna M., Pradeep	Journal of Advanced Research in Dynamical and Control Systems	2019	0	0	Jain University
Experimental study on Al2O3/H2O nanofluid with conical sectional insert in concentric tube heat exchanger	Arulprakasajothi M., Dilip Raja N., Beemkumar N., Elangovan K.	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2019	0	0	Jain University
A review of magnetorheological fluid damper technology and its applications	Khedkar Y.M., Bhat S.,	International Review of Mechan	2019	0	0	Jain University

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A reversible fluoride chemosensor for the development of multiinput molecular logic gates	Bhat M.P., Kigga M., Govindappa H., Patil P., Jung H.Y., Yu J., Kurkuri M.	New Journal of Chemistry	2019	0	0	Jain University
Sustainable fixation of CO_2 into epoxides to form cyclic carbonates using hollow marigold $CuCo_2O_4$ spinel microspheres as a robust catalyst	Prasad D., Patil K.N., Bhanushali J.T., Nagaraja B.M., Jadhav A.H.	Catalysis Science and Technology	2019	0	0	Jain University
Exact solutions for laminated composite beams using a unified state space formulation	Srinivasan R., Dattaguru B., Singh G.	International Journal of Computational Methods in Engineering Science and Mechanics	2019	0	0	Jain University

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Effect of conical strip inserts in a parabolic trough solar collector under turbulent flow	Jafar K.S., Arulprakasajothi M., Beemkumar N., Elangovan K.	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2019	0	0	Jain University
Hydrothermally synthesized carbon nanotubes for electrochemical hydrogen storage application	Namitha R., Radhika D., Krishnamurthy G.	Voprosy Khimii i Khimicheskoi Tekhnologii	2019	0	0	Jain University
Zinc sulfamate catalyzed efficient selective synthesis of benzimidazole derivatives under ambient conditions	Mathapati S.R., Jadhav A.H., Swami M.B., Dawle J.K.	Letters in Organic Chemistry	2019	0	0	Jain University
Experimental assessment of performance and exhaust emission characteristics of a diesel engine fuelled with Punnai biodiesel/butanol fuel blends	Devarajan Y., Munuswamy D., Nagappan B., Subbiah G.	Petroleum Science	2019	0	0	Jain University
FPGA based design and implementation of DUC/DDC based OFDM for data/image transmission	Vasanth Kumar T.R.,	International Journa	2019	0	0	Jain Univer

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Synthesis and characterization of Hierarchically assembled ZnO Nanoparticles and its application in modified carbon paste electrode for electrochemical detection of Biomolecules	Kiran Kumar S.R., Yogesh Kumar K., Muralidhara H.B., Anantha M.S., Mamatha G.P.	Materials Today: Proceedings	2018	0	0	Jain University
Synthesis of ZnFe $_2$ O $_4$ Nanoparticle by Combustion and Sol Gel Methods and their Structural, Photoluminescence and Photocatalytic Performance	Renuka L., Anantharaju K.S., Sharma S.C., Vidya Y.S., Nagaswarupa H.P., Prashantha S.C., Nagabhushana H.	Materials Today: Proceedings	2018	0	0	Jain University
EPR studies on VO^{2}doped sodium	Rajiv A.,	IOP Confer	2018	0	0	Jain

borate glasses synthesized by microwave method	Uchil J., Narayana Reddy C.	ence Series : Materials Science and Engineering				University
Effect of outward and inward dimple located on different positions of aerofoil section at a typical low Reynolds number	Aswatha Narayana P.A., Rasya K.A., Prasad S.S.	International Journal of Engineering and Technology(UAE)	2018	0	0	Jain University
Effect of turbulence intensity on low Reynolds number airfoil aerodynamics	Gupta A.K., Aswatha Narayana P.A., Ramesh G.	International Journal of Engineering and Technology(UAE)	2018	0	0	Jain University
Map reduce technique for parallelautomata analysis of large scale rainfall data	Manepalli T.S., Subramanian C.	International Journal of Engineering and Technology(UAE)	2018	0	0	Jain University
Comparison of traditional growout test and DNAbased PCR assay to estimate F1	Pattanaik A., Lakshm	Current Science	2018	0	0	Jain Univer

hybrid purity in cauliflower	ana Reddy D.C., Ramesh S., Chennareddy A.					sity y
Investigation on Mechanical Behavior of Hot Rolled Al7075TiB$_2$ Insitu Metal Matrix Composite	Gajakosh A.K., Keshavamurthy R., Ugrasen G., Adarsh H.	Materials Today: Proceedings	2018	0	0	Jain University
Investigations on the Abrasive Wear Behaviour of Molybdenum Coating on SS304 and A36 using HVOF Technique	Adarsha H., Ramesh C.S., Nair N., Karisiddeshwaraswamy K.M., Chaturvedi A.	Materials Today: Proceedings	2018	0	0	Jain University
Bungarus caeruleus venom neutralization activity of Azima tetracantha Lam. Extract	Janardhan B., Shrikanth V.M., More V.S., Melappa G., Zameer F., More S.S.	Heliyon	2019	0	0	Jain University

Investigations on the Effect of Molybdenum (Mo) and Molybdenum Silicon Carbide (Mo10 Sic) Composite Coatings on Mild Steel Substrate using HVOF Technique	Ramesh C.S., Adarsha H., Chaturvedi A., Nair N.	Materials Today: Proceedings	2018	0	0	Jain University
Ultrasoundassisted synthesis of two novel [CuBr(diamine)$_2$·H$_2$O]Br complexes: Solvatochromism, crystal structure, physicochemical, Hirshfeld surface thermal, DNA/binding, antitumor and antibacterial activities	Warad I., Awwadi F.F., Abd AlGhani B., Sawafta A., Shivalingegowda N., Lokanath N.K., Mubarak M.S., Ben Hadda T., Zarrouk A., AlRimawi F., Odeh A.B., Barghouthi S.A.	Ultrasonics Sonochemistry	2018	4	3	Jain University
Biocharring of natural fibers of insect and plant origin: a green route for the production of 'carbonbased charge storage nanomaterials'	Dubey A., Jangir H., Verma S., Saxena	Materials for Renewable and Sustai	2018	1	1	Jain University

	M., Sarkar S., Philip D., Das M.	nable Energy			
Emotional Intelligence in sports: Toward a new program for intervention	Singhal M., Godbole S.	Journal of the Indian Academy of Applied Psychology	2018	0	0	Jain University
Ruthenium oxide nanostring clusters anchored Graphene oxide nanocomposites for highperformance supercapacitors application	Kumar K.Y., Archana S., Namitha R., Prasanna B.P., Sharma S.C., Raghu M.S.	Materials Research Bulletin	2018	4	4	Jain University
NiSnsupported ZrO$_2$ catalysts modified by indium for selective CO$_2$ hydrogenation to methanol	Hengne A.M., Samal A.K., Enakonda L.R., Harb M., Gevers L.E., Anjum D.H., Hedhili M.N., Saih	ACS Omega	2018	8	8	Jain University

	Y., Huang K.W., Basset J.M.					
Effect of different attacks on image watermarking using dual tree complex wavelet transform (DTCWT) and principle component analysis (PCA)	Sudha M.S., Thanuja T.C.	International Journal of Engineering and Technology(UAE)	2018	0	0	Jain University
Essential oil from Cymbopogon flexuosus as the potential inhibitor for HSP90	Gaonkar R., Shiralgi Y., Lakkappa D.B., Hegde G.	Toxicology Reports	2018	0	0	Jain University
Unleashing the power of selfesteem: Focus on emotional intelligence and selfefficacy	Sangeetha D., Latha Natarajan M.	Prabandhan: Indian Journal of Management	2019	0	0	Jain University
A metamaterial inspired, slotted multiband patch antenna with reconfigurability	Banuprakash R., Hariprasad S.A.	International Journal of Recent Technology and Engineering	2019	0	0	Jain University

Recent advancements in the mesogens comprising of 1,3,5triazine core moiety	Devadiga D., Ahipa T.N.	Liquid Crystals Reviews	2019	0	0	Jain University
Alanine dehydrogenase and its applications-A review	Dave U.C., Kadeppagari R.K.	Critical Reviews in Biotechnology	2019	1	1	Jain University
An oFFON quantum dotgraphene oxide bioprobe for sensitive detection of micrococcal nuclease of: Staphylococcus aureus	Hunsur Ravikumar C., Ira Gowda M., Balakrishna R.G.	Analyst	2019	2	2	Jain University
Effective composite membranes of cellulose acetate for removal of benzophenone3	Rajesha B.J., Vishaka V.H., Balakrishna G.R., Padaki M., Nazri N.A.M.	Journal of Water Process Engineering	2019	2	2	Jain University
Big data performance evalution of mapreduce pig and hive	Santosh Kumar J., Raghavendra S., Raghavendra B.K.,	International Journal of Engineering and Advanced	2019	0	0	Jain University

	Meenak shi	Techno logy				
Eeadoselfcloud: Energy efficient adaptive depth optimized self cloud mechanism for VM migration in data centers	Jason S., Suchit hra R.	Intern ationa l Journa l of Engine ering and Advanc ed Techno logy	20 19	0	0	Jai n Uni ver sit y
Synthesis, structural exploration and Hirshfeld surface analysis of a novel bioactive heterocycle: (4(6Fluorobenzo[d]isoxazol3 yl) piperidin1yl)(morpholino)me thanone	Benaka Prasad S.B., Ananda kumar C.S., Raghu A.V., Raghav a Reddy K., Deepa Urs M.V., Naveen S.	Chemic al Data Collec tions	20 18	2	2	Jai n Uni ver sit y
Molecular cloning and expression of FGF2 gene in preimplantation developmental stages of in vitroproduced sheep embryos	Mor A., Mondal S., Reddy I.J., Nandi S., Gupta P.S.P.	Reprod uction in Domest ic Animal s	20 18	1	1	Jai n Uni ver sit y
High altitude transonic aerodynamics of supercritical airfoil at different turbulence levels	Vinaya ka N., Akshay a C., Lakshm	Journa l of Advanc ed Resear	20 19	0	0	Jai n Uni ver

	ikanthan A., Singh Yadav S.P., Sindhu R.P.	ch in Fluid Mechanics and Thermal Sciences				sity y
Brain tumor segmentation using fcm and symbolic feature	Manjunath S., Sanja Pande M.B., Raveesh B.N.	International Journal of Engineering and Advanced Technology	2019	0	0	Jain University
Observation of oxobridged yttrium in TiO<inf>2</inf> nanostructures and their enhanced photocatalytic hydrogen generation under UV/Visible light irradiations	Ravikumar C.H., Sakar M., Mahto A., Nanjundaiah R.T., Thippeswamy R., Teixeira S.R., Balakrishna R.G.	Materials Research Bulletin	2018	5	5	Jain University
Structural elucidation and Hirshfeld surface analysis of a novel pyrazole derivative: 3(Benzo[d][1,3]dioxol5yl)1(	Naveen S., Kumara K., Kumar A.D.,	Chemical Data Collections	2018	1	1	Jain University

3chlorophenyl)5(2,4dichlorophenyl)4,5dihydro1Hpyrazole	Kumar K.A., Lokanath N.K.					
Crystal structures of 2aminopyridine citric acid salts: $C_5H_7N_2^{}\cdot c_6H_7 O_7$ And $3C_5H_7N_2^{}\cdot c_6H_5 O<inf$	Prakash S.M., Naveen S., Lokanath N.K., Suchetan P.A., Warad I.	Acta Crystallographica Section E: Crystallographic Communications	2018	1	1	Jain University
Crystal structure and Hirshfeld surface analysis of (E)3(2chloro4fluorophenyl)1(2,5dichlorothiophen3yl)prop2en1one	Sanjeeva Murthy T.N., Naveen S., Chidan Kumar C.S., Veeraiah M.K., Quah C.K., Siddaraju B.P., Warad I.	Acta Crystallographica Section E: Crystallographic Communications	2018	1	1	Jain University
Purification and biochemical characterization of extracellular glucoamylase from Paenibacillus amylolyticus strain	Lincoln L., More V.S., More S.S.	Journal of Basic Microbiology	2019	0	0	Jain University
Heat transfer and friction factor of nanodiamondnickel hybrid nanofluids flow in a	Syam Sundar L.,	International	2018	8	7	Jain Uni

tube with longitudinal strip inserts	Singh M.K., Sousa A.C.M.	Journal of Heat and Mass Transfer				versity
Direct conversion of lignocellulosic biomass to biomimetic tendrillike functional carbon helices: A protein friendly host for cytochrome C	Aruchamy K., Bisht M., Venkatesu P., Kalpana D., Nidhi M.R., Singh N., Ghosh D., Mondal D., Nataraj S.K.	Green Chemistry	2018	3	2	Jain University
Basic speech feature based emotional speech analysis for Indian native language	Prasad K.M.S., Ramaiah G.N.K.	Journal of Engineering and Applied Sciences	2018	0	0	Jain University
Low intensity sonosynthesis of iron carbide@iron oxide coreshell nanoparticles	ArguellesPesqueira A.I., DieguezArmenta N.M., BobadillaValencia	Ultrasonics Sonochemistry	2018	0	0	Jain University

	A.K., Nataraj S.K., RosasDurazo A., Esquivel R., AlvarezRamos M.E., Escudero R., GuerreroGerman P., Lucero Acuna J.A., Zavala Rivera P.					
Crystal structure and Hirshfeld surface analysis of bis (2(2(1Hbenzo[d]imidazol2yl) hydrazono)propan1ol) nickel(II) chloride	Kamat V., Kumara K., Shaikh S., Shivalingegowda N., Lokanath N.K., Revankar V.	Chemical Data Collections	2018	2	2	Jain University
Polycondensation of thiopheneflanked cyanopyridine and carbazole via direct arylation polymerization for solar cell application	Hemavathi B., Kesavan A.V., Chandrashekara	Reactive and Functional Polymers	2018	0	0	Jain University

	G.K., Ramamurthy P.C., Pai R.K., Ahipa T.N., Geetha Balakrishna R.					
Design of shunt hybrid active power filter to reduce harmonics on AC side due to nonlinear loads	Madhu B.R., Dinesh M.N., Ravitheja B.M.	International Journal of Power Electronics and Drive Systems	2018	2	2	Jain University
Insights into the genome sequence of ovine Pasteurella multocida type A strain associated with pneumonic pasteurellosis	Sahay S., Shome R., Sankarasubramanian J., Vishnu U.S., Prajapati A., Natesan K., Shome B.R., Rahman H., Rajendhran J.	Small Ruminant Research	2018	0	0	Jain University

Novel bacteria foraging optimization for energyefficient communication in wireless sensor network	Hemavathi P., Nandakumar A.N.	International Journal of Electrical and Computer Engineering	2018	1	1	Jain University
Insights into the recent progress and advanced materials for photocatalytic nitrogen fixation for ammonia (NH $_3$) production	Vu M.H., Sakar M., Do T.O.	Catalysts	2018	2	2	Jain University
Patterning of nanopillarsbased CdS/CdTe thin films for photonic applications	Ilango M.S., Ramasesha S.K.	Surface Engineering	2018	0	0	Jain University
Cerium dioxide and composites for the removal of toxic metal ions	Olivera S., Chaitra K., Venkatesh K., Muralidhara H.B., Inamuddin, Asiri A.M., Ahamed M.I.	Environmental Chemistry Letters	2018	5	5	Jain University
Shape Recognition and Matching by Using ContourSURF and Analysis	Keerthishree B.T., Amed M.	Proceedings of the International	2018	0	0	Jain University

		Conference on Inventive Research in Computing Applications, ICIRCA 2018				
Dietary phytase supplementation during peak egg laying cycle of White Leghorn hens on nutrient utilization and functional gene mRNA expression in duodenum and kidney	Shet D., Ghosh J., Ajith S., Awachat V.B., Bhat K.S., Gowda N.K.S., Pal D., Elangovan A.V.	Biological Rhythm Research	2019	0	0	Jain University
Comparative study on the rhythmic changes in haematological parameters between captive and free ranging wild sloth bear (Melursus ursinus)	Arun A.S., Sidharth P.M., Rashamol V.P., Sejian V., Bhatta R.	Biological Rhythm Research	2019	0	0	Jain University
A hardware implementation of fractal quadtree	Padmavati	Studies in	2019	0	0	Jain

compression for medical images	S., Meshram V.	Computational Intelligence				University
Digital privacy and data security in cloudbased services: A call for action	Deshpande V.M., Nair M.K.	Studies in Computational Intelligence	2019	0	0	Jain University
Laser shock peening modified surface texturing, microstructure and mechanical properties of graphene dispersion strengthened aluminium nanocomposites	Prabhakaran S., Kumar H.G.P., Kalainathan S., Vasudevan V.K., Shukla P., Lin D.	Surfaces and Interfaces	2019	2	2	Jain University
Antimicrobial properties of green synthesis of MgO micro architectures via Limonia acidissima fruit extract	Nijalingappa T.B., Veeraiah M.K., Basavaraj R.B., Darshan G.P., Sharma S.C., Nagabhushana H.	Biocatalysis and Agricultural Biotechnology	2019	1	1	Jain University
Isolation, screening and optimization of	Lincoln L.,	Biocatalysis	2019	0	0	Jain

extracellular glucoamylase from Paenibacillus amylolyticus strain NEO03	More V.S., More S.S.	and Agricultural Biotechnology				University
Detection and identification of a required keyword within an audio content	Naresh E., Vijaya Kumar B.P., Niranjanamurthy M.	International Journal of Recent Technology and Engineering	2019	0	0	Jain University
Extension of the lexicon algorithm for sarcasm detection	Balanke J.H., Haripriya V.	Proceedings of the 3rd International Conference on Computing Methodologies and Communication, ICCMC 2019	2019	0	0	Jain University
A Novel, Multicomponent Method of Preparation of Quinolines Using Recyclable CeO $_2$ TiO $_2$ Nanocomposite Catalyst under Solventfree Conditions	Khan S., Agasar M., Ghosh A., Keri R.S.	Organic Preparations and Procedures Intern	2019	1	1	Jain University

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"Environmental friendly and cost effective caramel for congo red removal, high flux, and fouling resistance of polysulfone membranes"	Lavanya C., Soontarapa K., Jyothi M.S., Geetha Balakrishna R.	Separation and Purification Technology	2019	5	4	Jain University
Analysis of total harmonic distortion in 5level inverter fed induction motor	Reddy Sudharshana K., Muralidhara V., Ramachandran A., Srinivasan R.	2018 International Conference on Computing, Power and Communication Technologies, GUCON 2018	2019	0	0	Jain University
Multipurpose composite for heavy metal sorption, antimicrobial, and antioxidant applications	Olivera S., Hu C., Nagananda G.S., Reddy N., Venkatesh K., Muralidhara H.B.	International Journal of Environmental Science and Technology	2019	0	0	Jain University

Magnetite tethered mesoionic carbenepalladium (II): An efficient and reusable nanomagnetic catalyst for SuzukiMiyaura and MizorokiHeck crosscoupling reactions in aqueous medium	Kempasiddhaiah M., Kandathil V., Dateer R.B., Sasidhar B.S., Patil S.A., Patil S.A.	Applied Organometallic Chemistry	2019	2	2	Jain University
Poly (sunset yellow) sensor for dopamine: A voltammetric study	Kuskur C.M., Swamy B.E.K., Shivakumar K., Jayadevappa H., Sharma S.C.	Journal of Electroanalytical Chemistry	2019	0	0	Jain University
Onedimensional copper(II) coordination polymers based on 1,3bis(pyridin4yl)propane and diimine ligands	Bhat S.S., Shivalingegowda N., Revankar V.K., Kawade V.A., Butcher R.J., Lokanath N.K.	Acta Crystallographica Section C: Structural Chemistry	2019	1	1	Jain University

Structural and electrical properties of Ca<inf>0.9</inf>Dy<inf>0.1</inf>MnO<inf>3</inf> prepared by solgel technique.	Nandan K.R., Kumar A.R.	Journal of Materials Research and Technology	2019	0	0	Jain University
Routing solutions of GJIBR for unica sting and multicasting over AODV in VANET	Komala C.R., Srinath N.K.	International Journal of Innovative Technology and Exploring Engineering	2019	0	0	Jain University
A study on dynamics and challenges on traditional banking and Ebanking services among senior citizens at Bangalore city	Lakshman K., Sulaiman N.	International Journal of Advanced Trends in Computer Science and Engineering	2019	0	0	Jain University
Rumen methane amelioration in sheep using two selected tanniferous phytoleaves	Baruah L., Malik P.K., Kolte A.P., Goyal P., Dhali	Carbon Management	2019	0	0	Jain University

	A., Bhatta R.					
Supplementing multifunctional groups to polysulfone membranes using Azadirachta indica leaves powder for effective and highly selective acid recovery	Yadav S., Soontarapa K., Jyothi M.S., Padaki M., Balakrishna R.G., Lai J.Y.	Journal of Hazardous Materials	2019	0	0	Jain University
A study on toxic reduction of urban heat Island effect by purifying atmosphere	Babitha Rani H., Nagaraja Y.R., Ramesh C.P., Sawant P., Dinakar R.P.H., Kumar T.S., Revankar S.S.	AIP Conference Proceedings	2019	0	0	Jain University
New 2methoxy4,6bis(4(4nitrostyryl)phenyl)nicotinonitrile: Synthesis, characterization and DSSC study	Hemavathi B., Akash S., Shanmukappagouda, Kusuma J.,	Journal of Photochemistry and Photobiology A: Chemistry	2019	0	0	Jain University

	Devaiah C. T., Shwetharani R., Balakrishna R.G., Ahipa T.N.					
Recent advances in nonmetalsdoped TiO$_2$ nanostructured photocatalysts for visiblelight driven hydrogen production, CO$_2$ reduction and air purification	Patil S.B., Basavarajappa P.S., Ganganagappa N., Jyothi M.S., Raghu A.V., Reddy K.R.	International Journal of Hydrogen Energy	2019	5	4	Jain University
Optical, electrical and luminescent studies of CuO/MgO nanocomposites synthesized via sonochemical method	Deepthi N.H., Vidya Y.S., Anantharaju K.S., Basavaraj R.B., Kavyashree D., Sharma S.C., Nagabhushana H.	Journal of Alloys and Compounds	2019	1	0	Jain University

Effect of thyroid peroxidase antibody on pregnancy outcome among hypothyroid women	Bhat S., Ashwini A.P., Suma A.P., Umakanth S.	Journal of Clinical and Diagnostic Research	2018	0	0	Jain University
Automatic facial expression recognition based on MRELBP and Compressive Sensing	Gunavathi H.S., Siddappa M.	ARPN Journal of Engineering and Applied Sciences	2018	0	0	Jain University
IoT Driven with Big Data Analytics and Block Chain Application Scenarios	Manjunath P., Prakruthi M.K., Gajkumar Shah P.	Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018	2018	0	0	Jain University
Comparison of bonding strength of Ti6Al4V alloy deposit and substrate processed by laser metal deposition	Jyothish Kumar L., Krishnadas	3D Printing and Additive Manufacturin	2018	0	0	Jain University

	Nair C.G.	g Technologies				
Iot and block chain driven intelligent transportation system	Manjunath P., Soman R., Gajkumar Shah D.P.	Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018	2018	0	0	Jain University
Effect of temperature and CO<inf>2</inf> on population growth of south American tomato moth, tuta absoluta (meyrick) (lepidoptera: Gelechiidae) on tomato	Kanle Satishchandra N., Vaddi S., Naik S.O., Chakravarthy A.K., Atlihan R.	Journal of Economic Entomology	2018	2	2	Jain University
Biolytic extraction of poly(3hydroxybutyrate) from Bacillus megaterium Ti3 using the lytic enzyme of Streptomyces albus Tia1	Israni N., Thapa S., Shivakumar S.	Journal of Genetic Engineering and Biotechnology	2018	2	2	Jain University

Transcriptional profiling and genes involved in acquired thermotolerance in Banana: A nonmodel crop	Vidya S.M., Kumar H.S.V., Bhatt R.M., Laxman R.H., Ravishankar K.V.	Scientific Reports	2018	1	1	Jain University
Synthesis, spectral characterization, crystal and molecular structure studies of 5(5-bromo-2thienyl)1(phenyl)3phenyl2pyrazoline	Naveen S., Ahmad N.A., Urs M.V.D., Lingegowda N.S., Jamalis J., Reddy K.R., Lokanath N.K.	Chemical Data Collections	2018	0	0	Jain University
Polypyrrolereduced graphene oxide nanocomposite hydrogels: A promising electrode material for the simultaneous detection of multiple heavy metal ions	Suvina V., Krishna S.M., Nagaraju D.H., Melo J.S., Balakrishna R.G.	Materials Letters	2018	4	4	Jain University
High concentration solubility and stability of εpolyLlysine in an ammoniumbased ionic liquid:	Sequeira R.A., Singh	International Journal	2018	1	1	Jain University

A suitable media for polypeptide packaging and biomaterial preparation	N., Pereira M.M., Chudasama N.A., Bhattacharya S., Sharma M., Mondal D., Prasad K.	l of Biological Macromolecules				sity y
Improved Nonenzymatic Glucose Sensing Properties of Pd/MnO$_2$ Nanosheets: Synthesis by Facile MicrowaveAssisted Route and Theoretical Insight from Quantum Simulations	Ponnusamy R., Gangan A., Chakraborty B., Late D.J., Rout C.S.	Journal of Physical Chemistry B	2018	3	3	Jain University
Exploration of graphene oxide nanoribbons as excellent electron conducting network for third generation solar cells	Kusuma J., Balakrishna R.G., Patil S., Jyothi M.S., Chandan H.R., Shwetharani R.	Solar Energy Materials and Solar Cells	2018	31	24	Jain University
Efficient Photoelectrocatalytic Activity of	Mohanty B., Naik	Chemistry Select	2018	1	1	Jain Uni

CuWO<inf>4</inf> Nanoplates towards the Oxidation of NADH Driven in Visible Light	K.K., Sahoo S., Jena B., Chakraborty B., Rout C.S., Jena B.K.					ver sit y
Effect of Asymmetric Control Constraints on FixedWing UAV Trajectories	Arya S.R., Rao S., Dattaguru B.	IEEE Transa ctions on Aerosp ace and Electr onic System s	20 19	0	0	Jai n Uni ver sit y
Screening of a multivirus resistant RNAi construct in cowpea through transient vacuum infiltration method	Prasad Babu K., Malige ppagol M., Asokan R., Krishn a Reddy M.	Virus Diseas e	20 19	0	0	Jai n Uni ver sit y
Nucleation and selfassembly dynamics of hierarchical YAlO <inf>3</inf> :Ce ³ architectures: Nano probe for in vitro dermatoglyphics and antimimetic applications	Darsha n G.P., Premku mar H.B., Nagabh ushana H., Sharma S.C.,	Materi als Scienc e and Engine ering C	20 19	6	6	Jai n Uni ver sit y

	Umesh B., Basavaraj R.B.					
Investigation of MnCo <inf>2</inf> O <inf>4</inf> /MWCNT composite as anode material for lithium ion battery	Kulkarni P., Ghosh D., Balakrishna G., Rawat R.S., Adams S., Reddy M.V.	Ceramics International	2019	1	1	Jain University
Corrigendum to "Positron annihilation spectroscopy and photoluminescence investigation of LaOF:Tb³ nanophosphor fabricated via ultrasound assisted sonochemical route" [Mater. Sci. Eng. B 224 (2017) 28–39] (S0921510717301551) (10.1016/j.ms	Suresh C., Nagabhushana H., Darshan G.P., Basavaraj R.B., Sharma S.C., Sunitha D.V., Daruka Prasad B., Williams J.F., Hareesh K.	Materials Science and Engineering B: SolidState Materials for Advanced Technology	2018	0	0	Jain University
Arrhythmia detection based on Hybrid features of Twave in Electrocardiogram	Nanjundegowda R.,	International Journa	2018	2	2	Jain Univer

	Meshra m V.A.	l of Intelligent Engineering and Systems				sity
Design, synthesis and spectroscopic and crystallographic characterisation of novel functionalized pyrazole derivatives: biological evaluation for their cytotoxic, angiogenic and antioxidant activities	Dileep Kumar A., Bharath S., Dharmappa R.N., Naveen S., Lokanath N.K., Ajay Kumar K.	Research on Chemical Intermediates	20 18	4	4	Jain University
Evaluation of potential probiotic characters of lactobacillus fermentum	Rayava rapu B., Tallap ragada P.	Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry	20 19	0	0	Jain University
Detection of torque teno sus virus infection in Indian pigs	Subram anyam V.,	Veterinary World	20 19	0	0	Jain Uni

	Hemadri D., Kashyap S.P., Hiremath J., Barman N.N., Ralte E.L., Patil S.S., Suresh K.P., Rahaman H.					versity
Review on the interface engineering in the carbonaceous titania for the improved photocatalytic hydrogen production	Ramesh Reddy N., Bhargav U., Mamatha Kumari M., Cheralathan K.K., Sakar M.	International Journal of Hydrogen Energy	2019	0	0	Jain University
Evaluation of microstructure and mechanical properties of multi axial forged lm2 aluminum alloy	Sajjan S.S., Kulkarni M.V., Ramesh S., Sharath P.C., Sangamesh R., Kumar A.,	Materials Science Forum	2019	0	0	Jain University

	Rajesh R.					
Performance evaluation of network gateway design for NoC based system on FPGA platform	Guruprasad S.P., Chandrasekar B.S.	International Journal of Advanced Computer Science and Applications	2019	0	0	Jain University
Corrosion of steel reinforcements in concretes of noncoastal areas Case study: Kigali, Rwanda	Abaho G., Pranesh M.R., Kumaran G.S.	International Journal of Engineering Research in Africa	2018	0	0	Jain University
Novel TacrineHydroxyphenylbenzimidazole hybrids as potential multitarget drug candidates for Alzheimers disease	Hiremathad A., Keri R.S., Esteves A.R., Cardoso S.M., Chaves S., Santos M.A.	European Journal of Medicinal Chemistry	2018	20	20	Jain University
Experimental investigation of Al_2O_3/water nanofluids on the effectiveness of solar flatplate collectors with	Sundar L.S., Singh M.K., Punnaiah V.,	Renewable Energy	2018	22	22	Jain University

and without twisted tape inserts	Sousa A.C.M.					
Quantum dots as fluorescent probes: Synthesis, surface chemistry, energy transfer mechanisms, and applications	H. R C., Schiff man J.D., Balakr ishna R.G.	Sensor s and Actuat ors, B: Chemic al	20 18	4 9	4 9	Jai n Uni ver sit y
Influence of triacontanol and jasmonic acid on metabolomics during early stages of root induction in cultured tissue of tomato (Lycopersicon esculentum)	Sounda raraja n M., Swamy G.S., Gaonka r S.K., Deshmu kh S.	Plant Cell, Tissue and Organ Cultur e	20 18	0	0	Jai n Uni ver sit y
Type2 fuzzy logic in pair formation	Shrini vasan L., Raol J.R.	Indone sian Journa l of Electr ical Engine ering and Comput er Scienc e	20 18	0	0	Jai n Uni ver sit y
Magnetic nanoparticletethered Schiff base-palladium(II): Highly active and reusable heterogeneous catalyst for Suzuki-Miyaura crosscoupling and reduction of nitroarenes in aqueous medium at room temperature	Manjun atha K., Koley T.S., Kandat hil V., Dateer R.B., Balakr ishna G.,	Applie d Organo metall ic Chemis try	20 18	1 0	1 0	Jai n Uni ver sit y

	Sasidhar B.S., Patil S.A., Patil S.A.					
Blue luminescent cyanopyridone based molecular architectures: A structureproperty study	Trupthi Devaiah C., Hemavathi B., Ros M.B., Barbera J., Tejedor R.M., Sadasivuni K.K., Ahipa T.N.	Journal of Molecular Liquids	2018	3	3	Jain University
A detailed study on machine learning techniques for data mining	Guruvayur S.R., Suchithra R.	Proceedings International Conference on Trends in Electronics and Informatics, ICEI 2017	2018	4	4	Jain University
Determination of Absolute Heart Beat from Photoplethysmographic	Karna V.R.,	Proceedings of	2018	0	0	Jain Uni

Signals in the Presence of Motion Artifacts	Kumar N.	2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018				versity
A Survey of Spectrum Sensing Mechanisms in Wireless Cognitive Radio Networks	Nandini K.S., Hariprasad S.A.	2017 14th IEEE India Council International Conference, INDICON 2017	2018	0	0	Jain University
Three phase partitioning to concentrate milk clotting proteases from Wrightia tinctoria R. Br and its characterization	Rajagopalan A., Sukumaran B.O.	International Journal of Biological Macromolecules	2018	2	2	Jain University
Finite element analysis of mild steel Rubber sandwich composite material	Ravitej Y.P.,	IOP Conference	2018	0	0	Jain Uni

	Swaroop V., Ramesh S., Adarsha H., Veerachari, Nischith	Series : Materials Science and Engineering				versity
Numerical modelling of thermophoresis in wateralumina nanofluid under pool boiling conditions	Gobinath N., Venugopal T., Palani K., Samuel A.A.	International Journal of Thermal Sciences	2018	2	2	Jain University
Synthesis, structural exploration, spectral and combinatorial analysis of racemic3isobutyl5phenyl5(pyridin4yl)imidazolidine2,4dione: Comparison between experimental and DFT calculations	Benaka Prasad S.B., Naveen S., Ananda Kumar C.S., Lokanath N.K., Raghu A.V., Daraghmeh I., Reddy K.R., Warad I.	Journal of Molecular Structure	2018	3	3	Jain University
Mixed Halide Perovskite Solar Cells. Consequence of Iodide Treatment on Phase Segregation Recovery	Balakrishna R.G., Kobosko S.M.,	ACS Energy Letters	2018	5	5	Jain University

	Kamat P.V.					
AlTi$_2$O$_6$ a mixed metal oxide based composite membrane: A unique membrane for removal of heavy metals	Sunil K., Karunakaran G., Yadav S., Padaki M., Zadorozhnyy V., Pai R.K.	Chemical Engineering Journal	2018	8	7	Jain University
Flexible metalfree supercapacitors based on multilayer graphene electrodes	de Souza Augusto G., Scarminio J., Catarini Silva P.R., de Siervo A., Rout C.S., Rouxinol F., Gelamo R.V.	Electrochimica Acta	2018	11	11	Jain University
Rapid identification of latent fingerprints, security ink and WLED applications of CaZrO$_3$:Eu^3 fluorescent labelling agent fabricated via biotemplate assisted combustion route	Navami D., Basavaraj R.B., Sharma S.C., Daruka Prasad B.,	Journal of Alloys and Compounds	2018	16	15	Jain University

	Nagabh ushana H.					
An Energy aware Routing Mechanism in WSNs using PSO and GSO Algorithm	Asha G., Gowris hankar	2018 5th Internationa l Confer ence on Signal Proces sing and Integr ated Networ ks, SPIN 2018	20 18	0	0	Jai n Uni ver sit y
Electroanalytical performance of bifunctional electrocatalyst materials in unitized regenerative fuel cell system	Sadhas ivam T., Palani samy G., Roh S.H., Kurkur i M.D., Kim S.C., Jung H.Y.	Interna tiona l Journa l of Hydrog en Energy	20 18	6	6	Jai n Uni ver sit y
Properties and ammonia gas sensing applications of different inorganic aciddoped poly(2chloroanilines)	Pandul e S.S., Patil M.R., Keri R.S.	Polyme r Bullet in	20 18	2	2	Jai n Uni ver sit y
Fabrication of polyaniline- fewlayer MoS$_2$ nanocomposite for high	Raghu M.S., Kumar	Polyme r	20 18	1 0	1 0	Jai n Uni

energy density supercapacitors	K.Y., Rao S., Aravinda T., Prasanna B.P., Prashanth M.K.	Bulletin				versity
Metabolomics: Global scenario and explored avenues	Mussavira S., Bindhu O.S.	Dusunen Adam	2019	0	0	Jain University
Electrospun nanofibers, nanocomposites and characterization of art: Insight on establishing fibers as product	Aruchamy K., Mahto A., Nataraj S.K.	NanoStructures and NanoObjects	2018	7	7	Jain University
Overexpression of p53 and Bax mediating apoptosis in cancer cell lines induced by a bioactive compound from Bacillus endophyticus JUPR15	Venkatachalam P., Nadumane V.K.	Process Biochemistry	2018	0	0	Jain University
Tailoring and exploring the basicity of magnesium oxide nanostructures in ionic liquids for ClaisenSchmidt condensation reaction	Jadhav A.H., Prasad D., Jadhav H.S., Nagaraja B.M., Seo J.G.	Energy	2018	5	5	Jain University
Interval type2 fuzzylogicbased decision fusion system for airlane monitoring	Shrinivasan L., Raol J.R.	IET Intelligent Transport	2018	0	0	Jain Univer

		Systems				sity y
In Situ Generation of Cu^{0} Supported on TiO$_{2}$ Aerogel as a Catalyst for the Vapour Phase Hydrogenation of Nitrobenzene to Aniline	Kainthla I., Gurram V.R.B., Bhanushali J.T., Kamaraju S.R.R., Keri R.S., Gosavi S.W., Jadhav A.H., Nagaraja B.M.	Catalysis Letters	2018	1	1	Jain University
Aggregation induced emission properties of new cyanopyridone derivatives	Swathi M.G., Ahipa T.N.	Journal of Molecular Liquids	2018	2	2	Jain University
Synthesis, Characterization, and Biological Evaluation of Novel 3(4Chlorophenyl)2(substituted)quinazolin4(3H)one Derivatives as Multitarget Antiinflammatory Agents	Raghu M.S., Pradeep Kumar C.B., Yogesh Kumar K., Prashanth M.K., Jayanna B.K.	Journal of Heterocyclic Chemistry	2019	0	0	Jain University
QR code based randomized hybrid video encryption	Gornale S.S.,	2017 International	2018	0	0	Jain Univer

	Nuthan A.C.	Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017				sity
Impact of Zinc oxide nanoparticles on eggplant (S. melongena): Studies on growth and the accumulation of nanoparticles	Thunugunta T., Reddy A.C., Seetharamaiah S.K., Hunashikatti L.R., Chandrappa S.G., Kalathil N.C., Reddy L.R.D.C.	IET Nanobiotechnology	2018	2	2	Jain University
Implementation of a novel algorithm secure double encryption standard (SDES384Bit) to prevent sidechannel attack for cloud data center	GuyCedric T.B.I., Suchithra R.	International Journal of Mechanical Engineering	2018	0	0	Jain University

		and Techno logy				
Performance studies on cryogenic treated carbide cutting tool for turning of AISI304 steel	Patil N., Gopala krishn a K., Sangme sh B., Sudhak ar K., Vijayk umar G.C.	Journa l of Mechan ical Engine ering and Scienc es	20 18	1	1	Jai n Uni ver sit y
Heterocyclic modification of chitosan for the adsorption of Cu (II) and Cr (VI) ions	Anush S.M., Vishal akshi B., Chanda n H.R., Geetha B.R.	Separa tion Scienc e and Techno logy (Phila delphi a)	20 18	9	9	Jai n Uni ver sit y
Synthesis, structural exploration, spectral and combinatorial analysis of racemic3isobutyl5phenyl5(py ridin4yl)imidazolidine2,4di one: Comparison between experimental and DFT calculations	Benaka Prasad S.B., Naveen S., Ananda Kumar C.S., Lokana th N.K., Raghu A.V., Daragh meh I., Reddy K.R., Warad I.	Journa l of Molecu lar Struct ure	20 18	3	3	Jai n Uni ver sit y

Implementation of Diameter Protocol for securing Network Elements in backhaul network	Jha D., Shahi B.	2017 International Conference on Computing, Communication, Control and Automation, ICCUBEA 2017	2018	0	0	Jain University
Facile ultrasound route for the fabrication of green emitting Ba $_2$ SiO $_4$:Eu ^{2} nanophosphors for display and dosimetric applications	Venkataravanappa M., Nagabhushana H., Darshan G.P., Sharma S.C., Archana K.V., Basavaraj R.B., Prasad B.D.	Materials Research Bulletin	2018	10	10	Jain University
Turbulent heat transfer and friction factor of nanodiamondnickel hybrid nanofluids flow in a tube: An experimental study	Sundar L.S., Singh M.K., Sousa A.C.M.	International Journal of Heat and Mass	2018	17	17	Jain University

		Transfer				
Functionalized seaweedderived graphene/polyaniline nanocomposite as efficient energy storage electrode	Gupta R., Vadodariya N., Mahto A., Chaudhary J.P., Parmar D.B., Srivastava D.N., Nataraj S.K., Meena R.	Journal of Applied Electrochemistry	2018	4	4	Jain University
A review on electrical characterization techniques performed to study the device performance of quantum dot sensitized solar cells	Kusuma J., Geetha Balakrishna R.	Solar Energy	2018	8	8	Jain University
Ether and coumarin-functionalized (benz)imidazolium salts and their silver(I)-N-heterocyclic carbene complexes: Synthesis, characterization, crystal structures and antimicrobial studies	Achar G., Agarwal P., Brinda K.N., Malecki J.G., Keri R.S., Budagumpi S.	Journal of Organometallic Chemistry	2018	8	8	Jain University
Online static security assessment module using radial basis neural network trained with particle swarm optimization	Lekshmi M., Nagaraj M.S.	Lecture Notes in Electr	2018	0	0	Jain Univer

		ical Engineering				sity y
La activated high surface area titania float for the adsorption of Pb(ii) from aqueous media	Shwetharani R., Poojashree A., Balakrishna G.R., Jyothi M.S.	New Journal of Chemistry	2018	5	5	Jain University
Review on VLSI design using optimization and selfadaptive particle swarm optimization	Kumar S.B.V., Rao P.V., Sharath H.A., Sachin B.M., Ravi U.S., Monica B.V.	Journal of King Saud University Computer and Information Sciences	2018	3	3	Jain University
A nanocatalytic approach for CB bond formation reactions	Verma P.K., Shegavi M.L., Bose S.K., Geetharani K.	Organic and Biomolecular Chemistry	2018	6	6	Jain University
Removal of pentachlorophenol pesticide from aqueous solutions using modified chitosan	Shankar A., Kongot M., Saini V.K., Kumar A.	Arabian Journal of Chemistry	2018	9	9	Jain University

EEG artifact detection model: A landmarkbased approach	Mounes hachari S., Sanjay Pande M.B., Raveesh B.N.	Advanc es in Intell igent System s and Comput ing	20 18	0	0	Jai n Uni ver sit y
Military airworthiness and certification procedures: Global scenario	Biswas K.	Lectur e Notes in Mechan ical Engine ering	20 18	0	0	Jai n Uni ver sit y
Indigenous design and development of the cathodic arc system for the growth of nanocarbon thin Films	Nirupa ma M.P., Gandla S.B., Bhatta charya A., Satyan arayan a B.S.	Materi als Today: Procee dings	20 18	0	0	Jai n Uni ver sit y
Microstrip line geometric variation consequences for linear parameters of microwave amplifiers	Rajpur ohit M., Sawark ar K.G., Pramod K.B., Tuckle y K., Kumars wamy	Lectur e Notes in Electr ical Engine ering	20 18	1	1	Jai n Uni ver sit y
Design and development of ASL recognition by kinect using bag of features	Pradee p Kumar B.P., Manjun atha M.B.	Advanc es in Intell igent System s and	20 18	1	1	Jai n Uni ver sit y

		Comput ing				
Biometric authentication of a person using mouse gesture dynamics: An innovative approach	Baraki P., Ramasw amy V.	Advanc es in Intell igent System s and Comput ing	20 18	0	0	Jai n Uni ver sit y
Performance analysis of a novel method for fast Handovers in TDD and FDD for Long Term Evolution	Venkat esh G.K., Rao P.V.	Intern ationa l Journa l of Engine ering and Techno logy(U AE)	20 18	0	0	Jai n Uni ver sit y
FDTD based Plasmonic light trapping analysis in thin film hydrogenated amorphous silicon solar cells	Radder C., Satyan arayan a B.S.	Intern ationa l Journa l of Renewa ble Energy Resear ch	20 18	0	0	Jai n Uni ver sit y
Synthesis of cocrystals/salts of flucytosine: Structure and stability	Nechip adappu S.K., Ramach andran J., Shival ingego wda N., Lokana th N.K., Trived i D.R.	New Journa l of Chemis try	20 18	2	2	Jai n Uni ver sit y

Study on noise level and its effects in the commercial area of Bengaluru city	Manjunatha P.S., Sudhakar Reddy M., Ramachandra N.U., Gopalakrishna R.	International Journal of Applied Engineering Research	2019	0	0	Jain University
Glucose oxidase mimicking half-sandwich nickel(II) complexes of coumarin substituted N-heterocyclic carbenes as novel molecular electrocatalysts for ultrasensitive and selective determination of glucose	Brinda K.N., Achar G., Malecki J.G., Budagumpi S., Nagaraju D.H., Suvina V., Balakrishna R.G.	Biosensors and Bioelectronics	2019	0	0	Jain University
Synergistic effect of hybrid Ce^3/Ce^4 doped Bi$_2$O$_3$ nanosphere photocatalyst for enhanced photocatalytic degradation of alizarin red S dye and its NUV excited photoluminescence studies	Akshatha S., Sreenivasa S., Parashuram L., Udaya Kumar V., Sharma S.C., Nagabhushana H.,	Journal of Environmental Chemical Engineering	2019	1	1	Jain University

	Kumar S., Maiyalagan T.					
Dissemination and characterisation of Escherichia coli producing extendedspectrum βlactamases, AmpC βlactamases and metalloβlactamases from livestock and poultry in Northeast India: A molecular surveillance approach	Tewari R., Mitra S., Ganaie F., Das S., Chakraborty A., Venugopal N., Shome R., Rahman H., Shome B.R.	Journal of Global Antimicrobial Resistance	2019	1	1	Jain University
New design of highly sensitive and selective MoO<inf>3</inf>:Eu³ microrods: Probing of latent fingerprints visualization and anticounterfeiting applications	Yogananda H.S., Basavaraj R.B., Darshan G.P., Daruka Prasad B., Naik R., Sharma S.C., Nagabhushana H.	Journal of Colloid and Interface Science	2018	10	10	Jain University
TiO<inf>2</inf>-ZrO<inf>2</inf> composite:	Patil M.R.,	Comptes	2018	2	2	Jain

Synthesis, characterization and application as a facile, expeditious and recyclable catalyst for the synthesis of 2aryl substituted benzoxazole derivatives	Bhanushali J.T., Nagaraja B.M., Keri R.S.	Rendus Chimie				University
Effective recovery of acids from egg waste incorporated PSf membranes: A step towards sustainable development	Jyothi M.S., Yadav S., Balakrishna G.	Journal of Membrane Science	2018	1	1	Jain University
Investigation of supramolecular synthons in the crystals of N(aryl)succinamic acids and N(aryl)maleamic acids: A case study of 4oxo4(pyridin2ylamino)butanoic acid	Shet M P., Shivalingegowda N., Erachikkaiah S., Neratur Krishnappagowda L., Suchetan P.A.	Chemical Data Collections	2018	0	0	Jain University
A novel approach of fault location in electrical transmission system using smart meters	Velhal G., Pujara A., Muralidhara V., Bakre S., Velhal V.	Majlesi Journal of Electrical Engineering	2018	0	0	Jain University

Efficacy of dietary phytase supplementation on laying performance and expression of osteopontin and calbindin genes in eggshell gland	Shet D., Ghosh J., Ajith S., Awachat V.B., Elangovan A.V.	Animal Nutrition	2018	2	2	Jain University
Rapid visualization of fingerprints on various surfaces using ZnO superstructures prepared via simple combustion route	Deepthi N.H., Basavaraj R.B., Sharma S.C., Revathi J., Ramani, Sreenivasa S., Nagabhushana H.	Journal of Science: Advanced Materials and Devices	2018	5	5	Jain University
Synthesis, crystal structure and excellent photoluminescence properties of copper (II) and cobalt (II) complexes with Bis(1[(4butylphenyl)imino]methyl naphthalen2ol) Schiff base	Nagaveni V.B., Mahadevan K.M., Vijayakumar G.R., Nagabhushana H., Naveen S., Lokanath N.K.	Journal of Science: Advanced Materials and Devices	2018	6	6	Jain University

Energy conservation strategy in Hydraulic Power Packs using Variable Frequency Drive IOP Conference Series: Materials Science and Engineering	Ramesh S., Denis Ashok S., Nagaraj S., Kumar Reddy M.L., Kumar Naulakha N., Adithyakumar C.R.	IOP Conference Series : Materials Science and Engineering	2018	2	2	Jain University
Design of An Energy Efficient Hydraulic Regenerative circuit	Ramesh S., Denis Ashok S., Nagaraj S., Adithyakumar C.R., Lohith Kumar Reddy M., Naulakha N.K.	IOP Conference Series : Materials Science and Engineering	2018	0	0	Jain University
The crucial role of Rgenes/RGAs in hostmicrobial interactions and plant immunity	Reddy A.C., Naresh P., Lakshmana Reddy D.C.	Research Journal of Biotechnology	2018	0	0	Jain University
Synthesis of some benzofuran derivatives containing pyrimidine moiety as potent antimicrobial agents	Venkatesh T., Bodke Y.D.,	Iranian Journal of Pharma	2018	5	5	Jain Univer

		ceutical Research				sity
Introduction	Borah S., Jayanthiladevi A.	International Journal of Intelligent Enterprise	2019	0	0	Jain University
Draft genome sequence of multidrugresistant Escherichia coli NIVEDIP44, isolated from a chicken fecal sample in Northeast India	Tewari R., Das Mitra S., Das S., Jadhao S., Mishra G., Ganaie F., Shome R., Rahman H., Shome B.R.	Genome Announcements	2018	0	0	Jain University
Monitoring of tropical cyclone formation, growth and dissipation by using SAPHIR sensor	Vasudha M.P., Raju G.	Mausam	2018	2	2	Jain University
Smart detection of rice purity and its grading	Manohar M., Chatrapathy	Proceedings of the 2017	2018	0	0	Jain University

	K., Sowmya M.S.	3rd International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 2017				sity
An extensive survey on intrusion detectionPast, present, future	Nagaraja A., Satish Kumar T.	ACM International Conference Proceeding Series	2018	4	4	Jain University
Vapour phase selective hydrogenation of benzaldehyde to benzyl alcohol using Cu supported MgAl hydrotalicite catalyst	Jayesh T.B., Itika K., Ramesh Babu G.V., Rama Rao K.S., Keri R.S., Jadhav A.H., Nagaraja B.M.	Catalysis Communications	2018	12	12	Jain University

Synthesis, characterization and single crystal structures of chiral Schiff base and its tetranuclear palladium complex with Pd[sbnd]O[sbnd]Pd bridging and Pd[sbnd]Pd bonds	Rajegowda H.R., Kumar P.R., Hosamani A., Butcher R.J., Naveen S., Lokanath N.K.	Journal of Molecular Structure	2018	2	2	Jain University
Rapid visualization of latent fingerprints using novel CaSiO$_3$:Sm^3 nanophosphors fabricated via ultrasound route	Basavaraj R.B., Darshan G.P., Daruka Prasad B., Sharma S.C., Nagabhushana H.	Journal of Rare Earths	2019	8	8	Jain University
Study of realcoded hybrid genetic algorithm (RGA) to find leastcost ration for nonpregnant dairy buffaloes	Kuntal R.S., Gupta R., Rajendran D., Patil V.	Advances in Intelligent Systems and Computing	2019	1	1	Jain University
RSOMBased Clustering and Routing in WSNs	Asha G.R., Subrahmanyam G.	Advances in Intelligent Systems and Computing	2019	0	0	Jain University

Fluorescence polarization assay: Diagnostic evaluation for porcine brucellosis	Kalleshamurthy T., Yaranna C., Shekar R., Natesan K., Sahay S., Shome B.R., Rahman H., Barbuddhe S.B., Barman N.N., Das S.K., Shome R.	Journal of Microbiological Methods	2019	0	0	Jain University
Recent advances and strategies to tailor the energy levels, active sites and electron mobility in titania and its doped/composite analogues for hydrogen evolution in sunlight	Shwetharani R., Sakar M., Fernando C.A.N., Binas V., Balakrishna R.G.	Catalysis Science and Technology	2019	7	7	Jain University
Coumarinsubstituted 1,2,4triazolederived silver(i) and gold(i) complexes: Synthesis, characterization and anticancer studies	Achar G., Shahini C.R., Patil S.A., Malecki	New Journal of Chemistry	2019	2	2	Jain University

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Unique analytical modelling of secure communication in wireless sensor network to resist maximum threats	Manjun ath B.E., Rao P.V.	International Journal of Advanced Comput er Scienc e and Applic ations	20 19	0	0	Jai n Uni ver sit y
Node recovery and forward node move algorithm for network lifetime enhancement	Birada r D.V., Natara j K.R.	International Journa l of Recent Techno logy and Engine ering	20 19	0	0	Jai n Uni ver sit y
Motion artifact detection model using machine learning technique for classifying abnormalities in human being	Subhag ya D.S., Keshav amurth y C.	International Journa l of Innova tive Techno logy and Explor ing Engine ering	20 19	0	0	Jai n Uni ver sit y
A twotarget responsive reversible ratiometric pH nanoprobe: A white light emitting quantum dot complex	Praman ik S., Roy S., Mondal	Chemic al Commun icatio ns	20 19	1	1	Jai n Univer ver

	A., Bhandari S.				sity
Mechanical and Microstructural Properties of MultiAxially Forged LM6 Aluminium Alloy	Sajjan S.S., Kulkarni M.V., Ramesh S., Sharath P.C., Rajesh R., Kumar V.	Lecture Notes in Mechanical Engineering	2019	0	0	Jain University
Effect of environmental aging conditions on the properties of fly ash filled epoxy composites	Pattanaik A., Mukharjee M., Mishra S.C.	Advanced Composite Materials	2019	0	0	Jain University
Revisiting the materials and mechanism of metal oxynitrides for photocatalysis	Sakar M., Prakash R.M., Shinde K., Balakrishna G.R.	International Journal of Hydrogen Energy	2019	0	0	Jain University
Purification and characterization of a protease inhibitor with anticancer potential from bacillus endophyticus JUPR15	Venkatachalam P., Nadumane V.K.	Current Cancer Therapy Reviews	2019	0	0	Jain University
Introduction	Borah S., Jayant	International	2019	0	0	Jain Uni

	hiladevi A.	Journal of Intelligent Enterprise				versity
Integrating the power of social media dataset impact in medical diagnosis	Suresh A., Devi A.J.	International Journal of Intelligent Enterprise	2019	0	0	Jain University
Performance Enhancement with Improved Security an Approach for Formulating RFID as an Itinerary in Promulgating Succour for Object Detection	Pandian M.T., Sukumar R.	Wireless Personal Communications	2019	0	0	Jain University
A study on prognostic analysis of attachment lugs under offaxis loading	Kenchappa B., Chikmath L., Dattaguru B.	International Journal of Structural Integrity	2019	0	0	Jain University
Implementation of Blockchain Data Obfuscation	Manjunath P., Herrmann M., Sen H.	Smart Innovation, Systems and Technologies	2019	0	0	Jain University
A membership function for feature clustering based network intrusion and anomaly detection	Nagaraja A., Satish Kumar T.	ACM International Conference Procee	2018	3	3	Jain University

		ding Series				
Functionalized Pyrimidines from Alkynes and Nitriles: Application towards the Synthesis of Marine Natural Product Meridianin Analogs	Mohan B., Salfeena C.T.F., Ashitha K.T., Krishnan G.V., Jesmina A.R.S., Varghese A.M., Patil S.A., Kumar B.N.S.D., Sasidhar B.S.	Chemistry Select	2018	0	0	Jain University
Study on Two Body Abrasive Wear behaviour of CarboxylGraphene Reinforced Epoxy Nanocomposites	Vinod, Kumar A., Suresha B., Kiran Kumar M.V., Ramesh S.	IOP Conference Series: Materials Science and Engineering	2018	0	0	Jain University
Wear Behaviour and Microstructure Analysis of Al7075 alloy reinforced with Mica and Kaolinite	Arunkumar D.T., Raghavendra Rao	IOP Conference Series: Materi	2018	4	4	Jain University

	P.S., Hussain M.S., Naga Sai Balaji P.R.	als Science and Engineering				
Energy Efficient Hydraulic Clamping System using Variable Frequency Drive in a CNC Machine	Ramesh S., Denis Ashok S., Naulakha N.K., Adithyakumar C.R., Lohith Kumar Reddy M., Reddy S.K.	IOP Conference Series : Materials Science and Engineering	2018	0	0	Jain University
Advancements in the Research of 4D PrintingA Review	Ramesh S., Kiran Reddy S., Usha C., Naulakha N.K., Adithyakumar C.R., Lohith Kumar Reddy M.	IOP Conference Series : Materials Science and Engineering	2018	0	0	Jain University
Corrigendum to "A review on electrical characterization techniques performed to study the device	Kusuma J., Balakr	Solar Energy	2018	0	0	Jain Univer

performance of quantum dot sensitized solar cells" [Solar Energy 159 (2018) 682–696] (S0038092X17310204) (10.1016/j.solener.2017.11.037))	ishna R.G.					sit y
Stimuli responsive ion gels based on polysaccharides and other polymers prepared using ionic liquids and deep eutectic solvents	Prasad K., Mondal D., Sharma M., Freire M.G., Mukesh C., Bhatt J.	Carboh ydrate Polyme rs	20 18	7	7	Jai n Uni ver sit y
Superior nonenzymatic glucose sensing properties of Ag/AuNiCo$_2$O$_4$ nanosheets with insight from electronic structure simulations	Naik K.K., Gangan A., Chakra borty B., Rout C.S.	Analys t	20 18	8	8	Jai n Uni ver sit y
A proposed methodology for end to end encryption for communicating embedded systems	Jha D., Shahi B.	Procee dings of 2017 Interna tiona l Confer ence on Innova tions in Inform ation, Embedd ed and Commun	20 18	0	0	Jai n Uni ver sit y

		ication System s, ICIIEC S 2017				
A spanner shaped ultra wideband antenna for MIMO application	Hanchi namani N., Byrare ddy C.R.	Procee dings of 2017 Interna tiona l Confer ence on Innova tions in Inform ation, Embedd ed and Commun icatio n System s, ICIIEC S 2017	20 18	0	0	Jai n Uni ver sit y
Lanthanum oxyfluoride nanostructures prepared by modified sonochemical method and their use in the fields of optoelectronics and biotechnology	Suresh C., Nagabh ushana H., Darsha n G.P., Basava raj R.B., Daruka Prasad B., Sharma S.C., Satees	Arabia n Journa l of Chemis try	20 18	1 4	1 4	Jai n Uni ver sit y

	h M.K., Shabaaz Begum J.P.					
Effect of aromatic amino acids on the surface properties of 1dodecyl3(4(3dodecylimidazolidin1yl)butyl)imidazolidine bromide gemini surfactant	Maurya J.K., Khan A.B., Dohare N., Ali A., Kumar A., Patel R.	Journal of Dispersion Science and Technology	2018	8	8	Jain University
Advanced prediction to facilitate biocontrol of the mealybug Rastrococcus iceryoides (Hemiptera: Pseudococcidae) in organic mango (Anacardiaceae) orchards	Gujjar N.R., Verghese A., Suresh D.T., Mouly R., Joshi S.	Canadian Entomologist	2018	0	0	Jain University
Hydroxypyridinonebenzofuran hybrids with potential protective roles for Alzheimer´s disease therapy	Hiremathad A., Chand K., Tolayan L., Rajeshwari, Keri R.S., Esteves A.R., Cardoso S.M., Chaves	Journal of Inorganic Biochemistry	2018	14	13	Jain University

	S., Santos M.A.					
Facile Process for Metallizing DNA in a Multitasking Deep Eutectic Solvent for Ecofriendly CC Coupling Reaction and Nitrobenzene Reduction	Chakraborty S., Mruthunjayappa M.H., Aruchamy K., Singh N., Prasad K., Kalpana D., Ghosh D., Sanna Kotrappanavar N., Mondal D.	ACS Sustainable Chemistry and Engineering	2019	0	0	Jain University
Synthesis, spectroscopic and Hirshfeld surface analysis and fluorescence studies of (2E,20E)3,30(1,4phenylene)bis[1(4hydroxyphenyl)prop2en1one] N,Ndimethylformamide disolvate	Kwong H.C., Sim A.J., Kumar Chidan C.S., Quah C.K., Chantraprommaa S., Naveen S., Warad I.	Acta Crystallographica Section E: Crystallographic Communications	2018	0	0	Jain University
Development and testing of nanoclay composites for pressure pad application	Vijaykumar M.S., Sarava	International Journa	2018	1	1	Jain Univer

	nan R., Rajasekar K., Dhandapani N.V.	l of Vehicle Structures and Systems				sity y
A fluorescent dual aptasensor for the rapid and sensitive onsite detection of: E. coli O157:H7 and its validation in various food matrices	Renuka R.M., Achuth J., Chandan H.R., Venkataramana M., Kadirvelu K.	New Journal of Chemistry	2018	8	8	Jain University
Methane mitigation potential of phytosources from Northeast India and their effect on rumen fermentation characteristics and protozoa in vitro	Baruah L., Malik P.K., Kolte A.P., Dhali A., Bhatta R.	Veterinary World	2018	1	1	Jain University
Optimisation of laser cutting of SS 430 plate using advanced Taguchi entropy weightedbased GRA methodology	Velayutham K., Venkadeshwaran K., Selvakumar G.	International Journal of Mechatronics and Manufacturing Systems	2018	0	0	Jain University
Xerogel modified diatomaceous earth microparticles for	Uthappa U.T.,	New Journal of	2018	6	5	Jain Uni

controlled drug release studies	Sriram G., Brahmk hatri V., Kigga M., Jung H.Y., Altalh i T., Neelgu nd G.M., Kurkur i M.D.	Chemis try				ver sit y
An Energy Conservation Strategy Using Variable Frequency Drive for a Hydraulic Clamping System in a CNC Machine	Ramesh S., Ashok S.D., Nagara j S.	Materi als Today: Procee dings	20 18	2	2	Jai n Uni ver sit y
Early detection of knee osteoarthritis using SVM classifier	Kubkad di S., Raviku mar K.M.	Journa l of Advanc ed Resear ch in Dynami cal and Contro l System s	20 18	0	0	Jai n Uni ver sit y
Experimental investigations on the thermal performance of a vertical closed loop pulsating heat pipe using binary mixture of fluids	Pradee p G.V., Rama Narasi mha K.	Intern ationa l Journa l of Engine ering, Transa ctions B:	20 18	0	0	Jai n Uni ver sit y

		Applications				
Estimation of garbage coverage area in water terrain	Deepa T.P., Roka S.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	0	0	Jain University
SiO$_2$@LaOF:Eu^3 coreshell functional nanomaterials for sensitive visualization of latent fingerprints and WLED applications	Suresh C., Nagabhushana H., Basavaraj R.B., Darshan G.P., Kavyashree D., Daruka Prasad B., Sharma S.C., Vanithamani R.	Journal of Colloid and Interface Science	2018	14	14	Jain University
Simple fabrication of reduced graphene oxide few	Raghu M.S.,	Physica B:	2018	11	11	Jain

layer MoS <inf>2</inf> nanocomposite for enhanced electrochemical performance in supercapacitors and water purification	Yogesh Kumar K., Rao S., Aravinda T., Sharma S.C., Prashanth M.K.	Condensed Matter				University
C <inf>70</inf> FullereneCatalyzed MetalFree Photocatalytic ipsoHydroxylation of Aryl Boronic Acids: Synthesis of Phenols	Kumar I., Sharma R., Kumar R., Kumar R., Sharma U.	Advanced Synthesis and Catalysis	2018	7	7	Jain University
Bionics Based Emergency Contact for Treatment of Epilepsy	Gupta S., Hariprasad S.A., Kumar A.	ACM International Conference Proceeding Series	2018	0	0	Jain University
Expounding the edge/fog computing infrastructures for data science	Raj P., Pushpa J.	Handbook of Research on Cloud and Fog Computing Infrastructures for Data	2018	1	1	Jain University

		Science				
Text, images, and video analytics for fog computing	Jayanthiladevi A., Murugan S., Manivel K.	Handbook of Research on Cloud and Fog Computing Infrastructures for Data Science	2018	0	0	Jain University
Fast data vs. big data with iot streaming analytics and the future applications	Jayanthiladevi A., Surendararavindhan, Sakthivel	Handbook of Research on Cloud and Fog Computing Infrastructures for Data Science	2018	1	1	Jain University
Softwaredefined cloud infrastructure	Mohanasundaram R., Jayanthiladevi A., Keerthana G.	Handbook of Research on Cloud and Fog Computing Infrastructures	2018	2	2	Jain University

		for Data Science				
Data mining algorithms, fog computing	Thilagamani S., Jayanthiladevi A., Arunkumar N.	Handbook of Research on Cloud and Fog Computing Infrastructures for Data Science	2018	0	0	Jain University
Recent advances in the synthesis, structural diversity, and applications of mesoionic 1,2,3triazol5ylidene metal complexes	Marichev K.O., Patil S.A., Bugarin A.	Tetrahedron	2018	13	12	Jain University
Traffic light and sign detection for autonomous land vehicle using Raspberry Pi	Priyanka D., Dharani K., Anirudh C., Akshay K., Sunil M.P., Hariprasad S.A.	Proceedings of the International Conference on Inventive Computing and Informatics, ICICI 2017	2018	4	3	Jain University

An evaluation framework for security algorithms performance realization on FPGA	Guruprasad S.P., Chandrasekar B.S.	2018 IEEE International Conference on Current Trends in Advanced Computing, ICCTAC 2018	2018	0	0	Jain University
Fluorescent Pseudomonas Mediated Alleviation of Trivalent Chromium Toxicity in Ragi Through Enhanced Antioxidant Activities	Varsha T., Kumudini B.S.	Proceedings of the National Academy of Sciences India Section B Biological Sciences	2018	4	4	Jain University
Biotemplate assisted solvothermal synthesis of broomlike BaTiO$_3$: Nd^3 hierarchical architectures for display and forensic applications	Dhanalakshmi M., Nagabhushana H., Sharma S.C., Basavaraj R.B., Darshan	Materials Research Bulletin	2018	10	10	Jain University

	G.P., Kavyashree D.					
Sterically modulated silver(I) complexes of coumarin substituted benzimidazol-2-ylidenes: Synthesis, crystal structures and evaluation of their antimicrobial and antilung cancer potentials	Achar G., Shahini C.R., Patil S.A., Malecki J.G., Pan S.H., Lan A., Chen X.R., Budagumpi S.	Journal of Inorganic Biochemistry	20 18	8	7	Jain University
Green Synthesis of Palladium Nanoparticles: Applications in Aryl Halide Cyanation and Hiyama CrossCoupling Reaction Under Ligand Free Conditions	Kandathil V., Dateer R.B., Sasidhar B.S., Patil S.A., Patil S.A.	Catalysis Letters	20 18	4	4	Jain University
A new magnetically recyclable heterogeneous palladium(II) as a green catalyst for SuzukiMiyaura crosscoupling and reduction of nitroarenes in aqueous medium at room temperature	Kandathil V., Koley T.S., Manjunatha K., Dateer R.B., Keri R.S.,	Inorganica Chimica Acta	20 18	8	8	Jain University

	Sasidhar B.S., Patil S.A., Patil S.A.					
Purification and Characterization of Anticancer lGlutaminase of Bacillus cereus Strain LC13	More S.S., Swamy R., Mohan N., Navyashree M., Janardhan B., Niyonzima F.N.	Proceedings of the National Academy of Sciences India Section B Biological Sciences	2018	2	2	Jain University
Versatile Graphene oxide decorated by star shaped Zinc oxide nanocomposites with superior adsorption capacity and antimicrobial activity	Archana S., Kumar K.Y., Jayanna B.K., Olivera S., Anand A., Prashanth M.K., Muralidhara H.B.	Journal of Science: Advanced Materials and Devices	2018	7	7	Jain University
Ionic LiquidAssisted Hydrothermal Synthesis of Silver Vanadate Nanorods	Nagaraju G., Ramasami A.K., Balakr	Iranian Journal of Science and	2018	1	1	Jain University

	ishna G.R., Dupont J.	Technology, Transaction A: Science			
Evolutionary history and genetic diversity study of heatshock protein 60 of Rhizophagus irregularis	Mothay D., Ramesh K.V.	Journal of Genetics	2019	0	0	Jain University
Handwritten electric circuit diagram recognition: An approach based on finite state machine	Lakshman Naika R., Dinesh R., Prabhanjan S.	International Journal of Machine Learning and Computing	2019	0	0	Jain University
Efficient ship track keeping using predictive PID controller	Anil Kumar D., Hari Prasad S.A.	International Journal of Innovative Technology and Exploring Engineering	2019	0	0	Jain University
Segmentation of white blood cells using integrated process of improved spectral angle mapper, gramschmidt orthoganalization with Kmeans clustering	Puttamade Gowda J., Prasanna Kumar S.C.	International Journal of Innovative Techno	2019	0	0	Jain University

		logy and Exploring Engineering				
A penalty based self adaptive harmony search algorithm for optimal load shedding	Raghu C.N., Manjunatha A., Raghavendra G.	International Journal of Engineering and Advanced Technology	2019	1	1	Jain University
Aggressive exclusion of scan flipflops from compression architecture for better coverage and reduced TDV: A hybrid approach	Shantagiri P.V., Kapur R.	Journal of Low Power Electronics and Applications	2019	0	0	Jain University
The Decision for Indian Human Spaceflight Programme Political Perspectives, National Relevance, and Technological Challenges	Rao M.K., Sridhara Murthi K.R., Prasad M.Y.S.	New Space	2019	0	0	Jain University
Sustainable Water Purification Using an Engineered Solvothermal Carbon Based Membrane Derived from a Eutectic System	Manohara H.M., Aruchamy K., Chakraborty S., Radha N., Nidhi	ACS Sustainable Chemistry and Engineering	2019	2	2	Jain University

	M.R., Ghosh D., Nataraj S.K., Mondal D.					
The environments of accreting supermassive black holes in the nearby Universe: A brief overview of the Southern Seyfert spectroscopic snapshot survey (S7)	Shastri P., Dopita M., Banfield J., Thomas A., Longbottom F., Sundar M.N., Duggal C., Groves B., Kharb P., Davies R., Kewley L., Sairam L., Hampton E., Puthiyaveettil S., James B.	AIP Conference Proceedings	2019	0	0	Jain University
AntiVenom Potential of Canthium parviflorum Against Naja naja Venom by In Vitro and In Vivo Studies	Shrikanth V.M., Janardhan B.,	Proceedings of the National Academy of	2019	0	0	Jain University

	More S.S.	Sciences India Section B Biological Sciences				
Intrusion detection using dimensionality reduced soft matrix	Nagaraja A., Uma B.	ACM International Conference Proceeding Series	2019	0	0	Jain University
A Generalized Research Study on distance measures, learning algorithms and datasets	Nagaraja A., Uma B.	ACM International Conference Proceeding Series	2019	0	0	Jain University
Rational design of bifunctional RE ^{3} (RE Tb, Ce) and alkali metals (M$^{}$ Li, Na, K) codoped CaAl$_2$O$_4$ nanophosphors for solid state lighting and advanced forensic applications	Shashikala B.S., Premkumar H.B., Darshan G.P., Nagabhushana H., Sharma S.C., Prashantha S.C.	Materials Research Bulletin	2019	0	0	Jain University
Efficient resource valorization by codigestion	Chakraborty	Bioresource	2019	0	0	Jain

of food and vegetable waste using three stage integrated bioprocess	D., Venkata Mohan S.	Techno logy				Uni ver sit y
Synergistic design of a tin phosphateentrapped graphene flake nanocomposite as an efficient catalyst for electrochemical determination of the antituberculosis drug isoniazid in biological samples	Kokuln athan T., Suvina V., Wang T.J., Balakr ishna R.G.	Inorga nic Chemis try Fronti ers	20 19	1	1	Jai n Uni ver sit y
Hydrogenase Enzyme like Nanocatalysts FeS $_2$ and FeSe $_2$ for Molecular Hydrogen Evolution Reaction	Shweth arani R., Nagara ju D.H., Geetha Balakr ishna R., Suvina V.	Materi als Letter s	20 19	0	0	Jai n Uni ver sit y
Decision Trees for segmentation and Assessment of wound healing process of Diabetic patients	Babu K.S., Sabut S., Ravi Kumar Y.B.	Biomed ical Engine ering Applic ations , Basis and Commun icatio ns	20 19	0	0	Jai n Uni ver sit y
Shortestpath routing in wireless mesh networks under time varying linkcost metric	Nandin i K.S., Haripr asad S.A.	Intern ationa l Journa l of Innova tive	20 19	0	0	Jai n Uni ver sit y

		Techno logy and Explor ing Engine ering				
Investigation of hydraulic performance of a flap type check valve using CFD and experimental technique	Sitara m N., Nagara j A., Adarsh a H., Prasad K.V., Ravina rayan V.	Intern ationa l Journa l of Mechan ical Engine ering and Techno logy	20 19	0	0	Jai n Uni ver sit y
Automatic recognition of cognitive states using multimodal approaches in elearning environments	Gunava thi H.S., Siddap pa M.	Journa l of Engine ering and Applie d Scienc es	20 19	0	0	Jai n Uni ver sit y
Crystal structure and Hirshfeld surface analysis of a bromochalcone: (E)1(3bromophenyl)3(2,6dich lorophenyl)prop2en1one	Bindya S., Chidan Kumar C.S., Naveen S., Siddar aju B.P., Quah C.K., Raihan M.A.	Acta Crysta llogra phica Sectio n E: Crysta llogra phic Commun icatio ns	20 19	0	0	Jai n Uni ver sit y
A critical evaluation of GenY buying behavior towards online fashion retailers	Kiran G., Murthy D.N.,	Intern ationa l Journa	20 19	0	0	Jai n Uni ver

	Chotai N., Pradeepa	l of Mechanical Engineering and Technology				sity
A novel SBox generation of AES using elliptic curve cryptography (ECC)	Sapna Kumari C., Prasad K.V.	International Journal of Innovative Technology and Exploring Engineering	20 19	0	0	Jain University
Exploration of (hetero)aryl derived thienylchalcones for antiviral and anticancer activities	Patil V., Patil S.A., Patil R., Bugarin A., Beaman K., Patil S.A.	Medicinal Chemistry	20 19	0	0	Jain University
UTTAMA: An Intrusion Detection System Based on Feature Clustering and Feature Transformation	Nagaraja A., Uma B., Gunupudi R.	Foundations of Science	20 19	7	7	Jain University
A new low power 4Tbased three input universal gate for high speed applications	Geetha Priya M., Shahi B., Jha D.	Lecture Notes in Networks and	20 19	0	0	Jain University

		System s				
Congestion control in backhaul network using strongly typed genetic programming	Shahi B., Jha D., Dushya nth N.D.	Lectur e Notes in Networ ks and System s	20 19	0	0	Jai n Uni ver sit y
Topology hiding of connected network elements using diameter protocol	Jha D., Shahi B., Dushya nth N.D.	Lectur e Notes in Networ ks and System s	20 19	0	0	Jai n Uni ver sit y
Automated parameterless optical mark recognition	Dayana nda Kumar N.C., Suresh K.V., Dinesh R.	Lectur e Notes in Networ ks and System s	20 19	0	0	Jai n Uni ver sit y
Highly efficient hydrogen production by hydrolysis of NaBH$_4$ using eminently competent recyclable Fe$_2$O$_3$ decorated oxidized MWCNTs robust catalyst	Prasad D., Patil K.N., Sandhy a N., Chaitr a C.R., Bhanus hali J.T., Samal A.K., Keri R.S., Jadhav A.H., Nagara	Applie d Surfac e Scienc e	20 19	2	2	Jai n Uni ver sit y

	ja B.M.					
Evaluation of carbendazim tolerant strain of Trichoderma harzianum GJ16B for its efficacy in the management of carbendazim resistant Fusarium solani isolate causing marigold wilt	Kumawat M.K., Chandran N.K., Sriram S.	Indian Phytopathology	2019	0	0	Jain University
Magnetic Nanoparticles Impregnated, CrossLinked, Porous Chitosan Microspheres for Efficient Adsorption of Methylene Blue from Pharmaceutical Waste Water	Jyothi M.S., Angadi V.J., Kanakalakshmi T.V., Padaki M., Geetha B.R., Soontarapa K.	Journal of Polymers and the Environment	2019	0	0	Jain University
Hardware implementation and testing of PAPR reduction using order bit selector and trellis structure	Gayathri K.M., Bhargavi S., Thangadurai N.	Journal of Engineering and Applied Sciences	2018	0	0	Jain University
Analysis of vocal tract shape variability for different conditions in Indian English vowels	Chandrashekar A.K., Manjunatha M.B.	Journal of Engineering and Applied Sciences	2018	0	0	Jain University
Visible light induced degradation of pollutant	Mitra J.,	New Journa	2018	1	1	Jain

dyes using a selfassembled graphene oxidemolybdenum oxobis(dithiolene) composite	Saxena M., Paul N., Saha E., Sarkar R., Sarkar S.	l of Chemis try				Uni ver sit y
Performance analysis of error correction techniques for high definition video streaming in wireless communication	Latha C.P., Manjun ath M.B., Thanga durai N.	Journa l of Advanc ed Resear ch in Dynami cal and Contro l System s	20 18	0	0	Jai n Uni ver sit y
A study of semiconductor memory technology by comparing volatile and nonvolatile memories	Hamsa S., Ananth A.G., Thanga durai N.	Journa l of Advanc ed Resear ch in Dynami cal and Contro l System s	20 18	2	2	Jai n Uni ver sit y
Vocal tract shape synthesis for various indian speaker under various conditions	Anil Kumar C., Manjun atha M.B., Thanga duari N.	Journa l of Advanc ed Resear ch in Dynami cal and Contro	20 18	1	1	Jai n Uni ver sit y

		l Systems				
Analysis and modelling of vocal tract shape variability for emotional speech in South Indian native language	Shiva Prasad K.M., Kodanda Ramaiah G.N., Thangadurai N.	Journal of Advanced Research in Dynamical and Control Systems	2018	0	0	Jain University
Design and implementation of pD based controller for accurate tracking/heading angle	Anil Kumar D., Hariprasad S.A.	International Journal of Engineering and Technology(UAE)	2018	1	1	Jain University
IoT based smart passenger surveillance system for airport	Deepa T.P., Pradeepa P.	International Journal of Engineering and Technology(UAE)	2018	0	0	Jain University
Simulation and analysis on device parameter variations of single junction hydrogenated amorphous silicon solar cell	Radder C., Satyanarayana B.S.	Materials Today: Proceedings	2018	0	0	Jain University

Computational model to find energy dissipation and optimization in smartphones	Prasad S., Balaji S.	Journal of Advanced Research in Dynamical and Control Systems	2018	0	0	Jain University
Preventive and therapeutic potentials of anthocyanins in diabetes and associated complications	Putta S., Yarla N.S., Eswar Kumar K., Lakkappa D.B., Kamal M.A., Scotti L., Scotti M.T., Ashraf G.M., Barreto G.E., Sasi Bhusana Rao B., Sarala Kumari D., Reddy G.V., Tarasov V.V., Imandi	Current Medicinal Chemistry	2018	4	4	Jain University

	S.B., Aliev G.				
A case study on pitfalls in branding of Boroline	Padma R., Sharma P.	Brand Culture and Identity: Concepts, Methodologies, Tools, and Applications	2018	0	0	Jain University
The effect of vegetable waste substrate based cultivation on the growth, nutrient content and biological efficacy of blue oyster mushroom Hypsizygus ulmarius	Cyriac S., Tallapragada P.	Plant Cell Biotechnology and Molecular Biology	2018	0	0	Jain University
Extraction of SpO$_2$ raw data using innovative techniques	Subhagya D.S., Keshavamurthy C.	Journal of Advanced Research in Dynamical and Control Systems	2018	0	0	Jain University
Neutral avicelase from Serratia marcescens with denim biofinishing potential	Shashidhar A., Arza S., Das A.,	Journal of Scientific and Industrial	2018	1	1	Jain University

	Bhatta charya S., Shivak urnar S.	Resear ch				
An energy efficient data gathering scheme in wireless sensor networks using adaptive optimization algorithm	SreeRa njani N.Y., Ananth A.G., Suders han Reddy L.	Journa l of Comput ationa l and Theore tical Nanosc ience	20 18	1	1	Jai n Uni ver sit y
Optimal spectrum sensor assignment in multichannel multiuser cognitive radio networks	Nandin i K.S., Haripr asad S.A.	Journa l of Teleco mmunic ations and Inform ation Techno logy	20 18	1	1	Jai n Uni ver sit y
Robust hybrid framework for automatic facial expression recognition	Gunava thi H.S., Siddap pa M.	Intern ationa l Journa l of Engine ering and Techno logy(U AE)	20 18	0	0	Jai n Uni ver sit y
Simulation and analysis of ZnO block characteristics using MATLAB	Leela A.M., Murali dhara V., Ravi K.N., Vasude v N., Aradhy	Procee dings of the 2017 IEEE Intern ationa l Confer ence	20 18	0	0	Jai n Uni ver sit y

	a R.S.S.	on Intelligent Techniques in Control, Optimization and Signal Processing, INCOS 2017			

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	14	41	11	68
Presented papers	17	65	6	68
Resource persons	15	33	15	61

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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)
FCRC	Dr. C S Bhaskar DixitConsultancy for testing and development of Insulation tiles products from Agro waste	Maxshield Insutech	200000
Psychology	Dr. S. T. Janetius, Ms. Shambhavi G, Dr. Lakshmi J Counseling	ETI Coimbatore (External)	10000

FCRC	Dr. C S Bhaskar Dixit A solar pump test facility	UL	6300000
FCRC	Dr. C S Bhaskar Dixit Consultancy for testing of fire suppression products	UL	3000000
CERSSE	Dr. Sandeep Shastri Kotak Mahindra Asset management	Training	2332000
CERSSE	Dr. Sandeep Shastri Forum of Federations	Training and Consultancy	2725000
CERSSE	Dr. Sandeep Shastri UNDP Governance project, Nepal	Training and Consultancy	500000
CERSSE	Dr. Sandeep Shastri PRIA	Training and Consultancy	150000

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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
Center for Research in Social Sciences and Education	Received towards Conduct of Workshop	Prabhudas Lilladher	45000	75
Centre for Ancient History and Culture (CAHC)	Short term courses on Introduction to Indian Astronomy 2 3 June 2018.	Corporates research scholars students	30000	60
Centre for Ancient History and Culture (CAHC)	Weekend course on Introduction to Vedic Astronomy	Research scholars students	130000	26

International Institute for Aerospace Engineering and Management (IIAEM) of Jain (Deemed to be University) jointly with Society of Indian Aerospace Technologies and Industries (SIATI)	Verification Validation of Aircraft Structures and Systems 3 day short term course 31st Jan, 1st 2nd Feb 2019	Airbus Group India Pvt Ltd, QuEST Global Engg Services, Tata Advanced Materials Ltd, DRDO Labs, Indian Air Force, Indian Navy, Directorate General of Civil Aviation	33593	50
Commerce Department	3rd National Level Management Development Programme on "Business Analytics with R" 17, 18 19 August 2018	Jain (Deemed to be University)	62500	125
Commerce Department	5th National Level Management Development Program on "Data Analysis through SPSS" 9th, 10th 11th May 2019	Jain (Deemed to be University)	67500	135
Commerce Department	Management Development Program on Comprehensive Life Skills and Personal Safety Program on 29 and 30 March 2019.	Jain (Deemed to be University)	65000	130
Management Department	Business Analysis for	Jain (Deemed to be University)	15000	20

	Strategy 6Aug19			
Management Department	Role of new age technologies in Business transformation 7Aug19	Jain (Deemed to be University)	25000	22
Management Department	Brand yourself with impactful communication 2930Aug19	Jain (Deemed to be University)	10000	7
Management Department	The Indian Econometrics Society (TIES) Oct. 2019	Jain (Deemed to be University)	15000	32
Management Department	Data Science Machine Learning Analytics 20,21,22 Nov. 2019	Jain (Deemed to be University)	35000	65
Management Department	Experimental Laboratory on Self Oriented Leadership HR Lab Nov. 2019	Jain (Deemed to be University)	15000	15
Management Department	Vision Web Leadership Team Dec. 2019	Jain (Deemed to be University)	27000	27
Management Department	Non Performing Assets and NPA Bankruptcy Dec. 2019	Jain (Deemed to be University)	17000	18
Center for Research in Social Sciences and Education	Social Attitudes Survey	University of Michigan	287790	750
Center for Research in Social Sciences and Education	consultancy on political developments	Prabhudas Lilladher	270000	175

Center for Research in Social Sciences and Education	consultancy on political developments	Prabhudas Lilladher	275400	250
Center for Research in Social Sciences and Education	consultancy on political developments	Prabhudas Lilladher	3197	25
Center for Research in Social Sciences and Education	Gender Empowerment	NIFT	9450	15
Center for Research in Social Sciences and Education	'Politics in India Today: Crisis of Ethic and Equality'	Presidency College	5000	50

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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
Tree Plantation	Enactus JU	50	564
Tobacco free day	NSS JU	14	400
Kodagu Relief Camp	NSS JU	12	30
Tree plantation	NSS JU	4	80
Climate change awareness	NSS JU	2	45
Empowerment for physically challenged	JU and we are your voice NGO	20	116

Kodagu flood relief Camp	NSS JU	4	30
Mourn for Pulwama	NSS JU	132	364
World environment Day	NSS JU	14	352
Sampradana Mega Blood Donation Camp	Victoria Hospital, Jain Blood bank, Kidwai Hospital NIMHANS, Rashtrottana Parishad	60	1300
International Yoga Day	NSS JU	452	729
Alcohol, Smoking drugs on women their gynecological problem	Renowned gynecological	304	422
Self Defence Program	Martial arts Institute an NGO. Rock solid team an incubated start up	25	321
Selfconfidence training for high school PUC Students	JU	4	122
My Country Run to encourage Sports talents	JU	500	10000
Comprehensive life skills, sexuality and personal Safety programme	Samrakshana — JU and enforced proactive Health trust	6	75
International Women's Day	Jain University Womens' Cell	124	600
Plastic free zone at Lalbagh	Enactus JU	20	432

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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
All India Thal Sainik Camp	Deputy Director General Commendation	Deputy Director General, NCC	2
All India Thal Sainik Camp (Obstacle)	Gold Medal	Director General, NCC	1
Orphanage Visit	Appreciation letter	Ananthashishu Nivasa	18
Blood Donation	Appreciation letter	Lions Blood Bank	13
Intercollegiate quiz competition	Trophy	Vijaya College	3
All India Thal Sainik Camp	Deputy Director General Commendation	Government of Karnataka	1
Republic Day Camp	Deputy Director General Commendation	Government of Karnataka	1
South Zone Shooting Camp	Deputy Director General Commendation	Government of Karnataka	1
Republic Day Camp	Chief Minister Commendation	Government of Karnataka	1
All India Republic Day Camp	Chief Minister Commendation	Chief Minister of Karnataka	1
All India Republic Day Camp	Deputy Director General Commendation	Deputy Director General, NCC	3

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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 scheme	Film stars and social activists	Towards clean country – talks by celebrities and successful personalities in various walks of life	35	65
Swachh Bharat scheme	NSS, JU	Cleaning campuses,Cleaning of heritage sites, Swacchata Shapath	113	600
Swachh Bharat scheme	NSS, JU	Swacchta ki Seva	3	30
Swachh Bharat scheme	NSS, JU	Adoption of 9 villages for cleanliness drive and digitization and conversion to smart village	12	360
Swachh Bharat scheme	NSS, JU	"Swachh Bharat Abhiyan" lieu of 'Swachh Bharat Summer Internship Programme' 2018	37	564
Aids Awareness Programme	JU	Visit HIV infected children orphanage	8	280

Women's Cell VASUDHA	JU	Women's selfdefence 29th and 31st of August, 2018	4	153
Women's Cell VASUDHA	JU	24th International Women's Day Celebration	10	204
Women's Cell VASUDHA	Family Planning Association	Youth dialogue on SRH FOR YOUNG PEOPLE	35	600
Women's Cell VASUDHA	JU	Saadhana Womens cell Reasons for Anemia in girls	4	189
Swachh Bharat scheme	JU	Mass Mobilization for Construction of Compost Pits	3	40
Swachh Bharat scheme	JU	Swachhta Pakwad	6	83
Swachh Bharat scheme	JU	Plastic free zone at lalbagh	8	400
Swachh Bharat scheme	JU	Tree plantation drive	20	300
Swachh Bharat scheme	JU	Reclaim your garden city	26	453
Swachh Bharat scheme	NSS, JU	Youth week – campus cleaning, tree plantation, creation of plastic free zone	11	156
Swachh Bharat scheme	Various MNCs	Swacch Bharat Abhiyan by industry partners with	87	600

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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
Student Exchange	136	JU	7
Student Exchange	15	JU	120
Student Exchange	25	Host Organisation and Collaborator	120
Student Exchange	15	JU	60
Student Exchange	200	JU	15
Student Exchange	4	Host Organisation and Collaborator	60
Student and faculty exchange	250	Host Organisation and Collaborator	15
Student Exchange	10	Host Organisation and Collaborator	120
Student Exchange	150	ISDC	15
Student Exchange	275	JU	15
Student Exchange	3	JU	30
Student Exchange	5	JU	7
Student Exchange	3	JU	7
Faculty exchange	25	Host Organisation	15
Student exchange	35	Host Organisation and Collaborator	15
Students Exchange	46	JU	15
Students Exchange	78	JU CFM	15
Students Exchange	59	NICT JU	15
Students Exchange	27	JU	7
Students Exchange	12	Host University	90
Students Exchange	11	Host University	120
Students Exchange	84	JU	15
Students Exchange	9	JU	120
Students Exchange	116	JU	15

Student Exchange	158	JU	15
Student Exchange	125	JU	7

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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
National Agreement	TKM shall establish an excellence center in JAIN for the better exposure to interested students in Jain	TOYOTO Kirloskar Motor Ltd	09/05/ 2019	09/05/ 2019	175
National Agreement	Coaching for GRE, GMAT, SAT, ACT, IELTS, TOEFL	Manya Education Pvt. Ltd New Delhi	06/06/ 2019	06/06/ 2019	115
National Agreement	Provide the information educational services on Japanse culture, language and businees skills 2. Provide web based educational contents and tests fcousing on career opportunities of Japan	Zenken India LLP Japan	26/06/ 2019	26/06/ 2019	35

National Agreement	Design, develop and deliver programmes which will enhance skills of students/aspirants through industry relevant training	Institute of New age Technologies LLP	31/01/2019	31/01/2019	150
International MOU	Provide its online services to students	Progate, INC, Japan	01/08/2018	31/01/2019	450
International MOU	Aid to pilot student training programes for future pilots in the airlines and flight	All Flight Training International Ltd, Canada	16/08/2018	15/08/2019	180
International MOU	Framing cooperation in specific tasks of mutual interest	Fundacion IMDEA Agua (IMDEA Water), Spain	13/08/2018	12/12/2019	15
International MOU	To provide the management consultancy services to the firm in the aras of strategic management, marketing hr fincance and operations	Japan Macro Advisers, Tokya Japan	03/08/2018	02/08/2019	280
National MOU	Academic Delivery, School of Management:	Future Sharp Skills Limited,	30/01/2018	29/01/2019	15

	certificate program in Retail Management,certificate program in supply chain Management,Additional courses as per demand				
National MOU	Academic delivery,School of Commerce: Certificate program in Foundation of Capital Markets, Certificate program in Private Banking, Additional courses as per demand	ICICI Direct centre for Financial Learning,	23/01/2018	22/01/2019	45
National MOU	Provide a wide platform for students and companies to get access to each other in the most convenient and beneficial manner	Intern Theory career solutions LLP,	03/03/2018	04/03/2019	215
National MOU	Free technology assistance to JU, employability assessments and placement assistance for students	Hire Mee (KAAM Services Pvt Ltd),	11/01/2018	10/01/2019	450

National MOU	1. Students can undergo a two year online certificate programme that is undertaken as part of the IIMBx School Partnership Programme. 2. To provide certificate in Fundamentals of Business Management from IIMBx	IIMB	22/01/ 2018	21/01/ 2019	250
National MOU	Expertise In Design and delivery of Innovative, industry relevant job oriented programs in the fields of Animation,Information Technology, Aviation, Beauty and Wellness and Financial service	LETTER OF INTENT	30/01/ 2018	30/01/ 2019	115
National MOU	Provide all students with free student accounts and lifetime memberships, weekly internship updates to all the students, free access to online training tools	Oyster Learning Pvt Ltd,	01/03/ 2018	28/02/ 2019	350

	and project management system				
National MOU	Aims at design, research, and development of electric vehicle architechture using advanced tools.	AUTOBOT India 2018	05/03/ 2018	05/03/ 2019	115
National MOU	To impart management and media education and create responsible citizens and encourage potential entrepreneurs , a sense of contribution to the overall growth of the society	The Internat ional Award for Young People, India 2018	01/06/ 2018	31/05/ 2019	25
National MOU	To encourage the young entrepreneurs.	Yunus Social Business Centre	11/09/ 2018	10/09/ 2019	450
National MOU	MML is desirous of providing industry standard training to JAIN students	Master my life EQ Educatio n Pvt ltd	30/08/ 2018	29/08/ 2019	350
National MOU	Is to intended to stimulate and facilitate the academic development and intellectual	ICARNati onal Institut e of animal Nutritio n and	21/08/ 2018	20/08/ 2019	115

	life of both the higher learning institutions	Physiolo gy			
National MOU	Specifications , designs, plans, drawings software proto types	Aeronaut ical Developm ent Agency	19/09/ 2018	19/09/ 2019	25
National MOU	Offering the programs to its students in academic knowledge and industry	Tadipatr i Engineer ing College	27/12/ 2018	26/12/ 2019	450
National MOU	Intend to form a nucleus for prom9oting excellent quality manpower in the fields of engineering technology and sciences	General Aeronaut ics Pvt Ltd	24/05/ 2018	23/05/ 2019	125
National MOU	Provide listing on online platform	Three sixty one Minds Consulti ng Pvt Ltd	02/07/ 2018	02/07/ 2019	350
National MOU	Encourage cooperation between faculty/reserc hers of both the institutes	Electron ics ICT Academy Malaviya National Institut e of Technolo gy, Jaipur	23/06/ 2018	24/06/ 2019	50
National MOU	APTECH Limited	In design	21/05/ 2018	20/05/ 2019	125

		delivery of innovative, industry relevant joboriented programs in the fields of animation, information technologu, aviation, beauty and wellness and financial services.			
National MOU	Is engaged in design and development and consultnacy in the field of Aerospace Engineering and related fields	RENPRO TECH Solutions Pvt Ltd	23/06/ 2018	22/06/ 2019	75
National MOU	Sharing the knowledge and resources between the institutions and establish collaboration by undertaking joint activities in	Pavanapu ri Research Centre	11/03/ 2019	11/03/ 2019	10

	their respective fields of research				
National MOU	GCPPL is engaged in the manfacturing marketing and selling of various fast moving consumer goods	Global consumer Products Pvt Ltd	12/02/ 2019	12/02/ 2019	75
National MOU	Online education is to provide content and courses for students to prepare competitive exams	Covenant Infosec consulti ng LLP	30/01/ 2019	30/01/ 2019	650
National MOU	Certificate in fundamentals of Patents	Origiin IP Academy LLP	25/01/ 2019	25/06/ 2019	150
National MOU	A two yeat online certificte programme, Fundamentals of Business Management	Indian Institut e of Manageme nt	20/07/ 2019	20/07/ 2019	450
National MOU	Title sponsorship for techno cultural fest	Lenovo India Pvt. Ltd Bangalor e	03/06/ 2019	03/06/ 2019	25
National Agreemen t	Provide the students with free student accounts and lifetime memberships, monthly student	The Smart Tree 16th March, 2018	16/03/ 2018	15/03/ 2019	550

	updates to the University, free online internship to enhance their soft skills, gain industry exposure and earn stipend and certificate				
National Agreement	Provide the students with free student accounts and lifetime memberships, free online internship specific webinar/training	Awign Enterprises Pvt Ltd,	13/03/2018	12/03/2019	650
National Agreement	Provide the students with free student accounts and lifetime memberships, free online webinar on internship preperation, onoine resume maker to all the students registered with internshala	Scholiverse Educare Pvt Ltd,	09/02/2018	09/02/2019	250
National Agreement	Training, Certification Academic Partner of Autodesk	MEDINI	16/03/2018	16/03/2019	125
National Agreement	Include all technical and nontechnical	Syngene Internat	08/08/2018	07/08/2019	75

	confidential informaion relating to the products	ional Limited			
National Agreement	Outline the of MOOCs based educatinal activities offreed by IIMbx to the client	Indian Institute of Management	22/01/2018	21/01/2019	350
National Agreement	Certification learning system for the MBA HR Program	Strategic human resource management India Pvt Ltd	23/03/2018	23/03/2019	375
National Agreement	Quality of students there by making them industry ready and employable in the ICT/electronics manfacutring industry . Providing virtual class room	EICT Academy Malaviya National Institute of Technology Jaipur	05/06/2018	05/06/2019	45
National Agreement	Sensory evaluation of certain food products at the GCPPL lab by students of Jain	Global consumer Products Pvt Ltd	12/02/2019	12/02/2019	350

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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

Progate, INC, Japan	01/08/2018	Provide its online services to students	450
All Flight Training International Ltd, Canada	16/08/2018	Aid to pilot student training programes for future pilots in the airlines and flight	180
Fundacion IMDEA Agua (IMDEA Water), Spain	13/08/2018	Framing cooperation in specific tasks of mutual interest	15
APTECH Limited	21/05/2018	In design delivery of innovative, industry relevant joboriented programs in the fields of animation, information technologu, aviation, beauty and wellness and financial services.	125
RENPRO TECH Solutions Pvt Ltd	23/06/2018	Is engaged in design and development and consultnacy in the field of Aerospace Engineering and related fields	75
Pavanapuri Research Centre	11/03/2019	Sharing the knowledge and resources between the institutions and establish collaboration by undertaking joint activities in their respective fields of research	10
Global consumer Products Pvt Ltd	12/02/2019	GCPPL is engaged in the manfacturing marketing and selling of various fast moving consumer goods	75

Covenant Infosec consulting LLP	30/01/2019	Online education is to provide content and courses for students to prepare competitive exams	650
Origiin IP Academy LLP	25/01/2019	Certificate in fundamentals of Patents	150
ICICI Direct centre for Financial Learning	23/01/2018	Academic delivery,School of Commerce: Certificate program in Foundation of Capital Markets, Certificate program in Private Banking, Additional courses as per demand	45
HireMee (KAAM Services Pvt Ltd)	11/01/2018	Free technology assistance to JU, employability assessments and placement assistance for students	450
ICARNational Institute of animal Nutrition and Physiology	21/08/2018	Is to intended to stimulate and facilitate the academic development and intellectual life of both the higher learning institutions	115
Aeronautical Development Agency	19/09/2018	Specifications, designs, plans, drawings software proto types	25
Tadipatri Engineering College	27/12/2018	Offering the programs to its students in academic knowledge and industry	450
General Aeronautics Pvt Ltd	24/05/2018	Intend to form a nucleus for prom9oting excellent quality manpower in	125

		the fields of engineering technology and sciences	
Three sixty one Minds Consulting Pvt Ltd	02/07/2018	Provide listing on online platform	350
Japan Macro Advisors, Tokya Japan	03/08/2018	To provide the management consultancy services to the firm in the areas of strategic management, marketing hr fincance and operations	280
Future Sharp Skills Limited	30/01/2018	Academic Delivery, School of Management: certificate program in Retail Management,certificate program in supply chain Management,Additional courses as per demand	15
IIMB	30/08/2018	1. Students can undergo a two year online certificate programme that is undertaken as part of the IIMBx School Partnership Programme. 2. To provide certificate in Fundamentals of Business Management from IIMBx	250
LETTER OF INTENT	30/01/2018	Expertise In Design and delivery of Innovative, industry relevant job oriented programs in	115

		the fields of Animation,Information Technology, Aviation, Beauty and Wellness and Financial service	
Intern Theory career solutions LLP	03/03/2018	Provide a wide platform for students and companies to get access to each other in the most convenient and beneficial manner	215
Oyster Learning Pvt Ltd	01/03/2018	Provide all students with free student accounts and lifetime memberships, weekly internship updates to all the students, free access to online training tools and project management system	350
AUTOBOT India 2018	05/03/2018	Aims at design, research, and development of electric vehicle architechture using advanced tools.	115
Yunus Social Business Centre	11/09/2018	To encourage the young entrepreneurs.	450
Master my life EQ Education Pvt ltd	30/08/2018	MML is desirous of providing industry standard training to JAIN students	350
Electronics ICT Academy Malaviya National Institute of Technology, Jaipur	23/06/2018	Encourage cooperation between faculty/reserchers of both the institutes	50

Indian Institute of Management	20/07/2019	A two yeat online certificte programme, Fundamentals of Business Management	450
Lenovo India Pvt. Ltd Bangalore	03/06/2019	Title sponsorship for techno cultural fest	25

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
4050	4107.9

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Newly Added
Class rooms	Newly Added
Laboratories	Existing
Seminar Halls	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	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
Koha Software	Fully	19.5 Cloud Version	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	73742	40364950	1300	694631	75042	41059581
Reference Books	24207	22716647	369	597981	24576	23314628
Journals	733	4162168	77	319513	810	4481681
e-Journals	36367	12680159	16325	3802365	52692	16482524

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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
Dr Guneet Inder Jitkuar	COGNITIVE PROCESSES I	Cloud	02/11/2018
Dr Poojavarma	BIOLOGICAL PROCESSES – I	Cloud	06/11/2018
Dr Madhu Karnat S	PSYCHOMETRY AND RESEARCH METHODS	Cloud	09/11/2018
Dr Rex Jose Joseph	THEORIES OF PERSONALITY	Cloud	14/11/2018
Ms Shambhavi G	HEALTH PSYCHOLOGY	Cloud	16/11/2018
Ms Papia Saraf	POSITIVE PSYCHOLOGY	Cloud	02/01/2019
Dr Madhurini Vallikad	SOCIAL AND GROUP PROCESSES	Cloud	04/01/2019
Dr Ruby John	BIOLOGICAL PROCESSES – II	Cloud	07/01/2019
Ms Supriya Thogarapalli J	EXPERIMENTAL DESIGNS AND	Cloud	08/01/2019

	PSYCHOLOGICAL STATISTICS		
Dr Asha Rajiv	MECHANICS AND PROPERTIES OF MATTER	Cloud	31/01/2019

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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	6500	20	2	265	2175	7	27	1	75
Added	2100	1	1	20	100	4	3	1	25
Total	8600	21	3	285	2275	11	30	2	100

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

2 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
Digital Production Studio	https://www.jainuniversity.ac.in/pdf/Media-Centre-&-Recording-Facility.pdf

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
2350	2320.65	850	869.77

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)

Budgeting requirements of the University towards maintaining and utilizing of physical, academic and other support facilities are finalized on an annual basis under the following broad categories: 1. New projects/ programmes: Proposals for new projects/programmes planned for introduction in the following academic year are invited from the various Schools/Centers of the University around August/September every year under the directions of the Vice Chancellor. These requirements are consolidated at the department/school level initially and finally at the University level by the Registrar. Budget proposals and the implementation plans are placed before the Planning and Monitoring Board of the University for Scrutiny and recommendation. Upon recommendation by the Planning and Monitoring Board, the estimates are included in the consolidated budget of the University which are then submitted for further scrutiny to the finance Committee and finally for approval by the Board of Management. 2. Existing projects/programmes: The proposals towards nonrecurring expenditure and recurring expenditure towards maintaining and utilizing physical, academic and other support facilities are invited during September/October every year pertaining to the following academic year. These proposals are initially discussed at the School/ Department level and sent to the Registrar after finalization. The proposals are then scrutinized by a budget committee chaired by Vice chancellor in which the Registrar is the Secretary. The individual Heads of the Schools/ Departments are invited for discussions with the budget committee and consensus is arrived at on the items to be finally included in the budget. The estimates towards the Existing projects are combined with those of the new projects and are submitted for scrutiny by the Finance Committee. Based on the recommendation of the Finance Committee the budgets are approved by the Board of Management. 3. Implementation process: The budget approved by the Board of management is communicated by the Registrar to the various Schools/Centers/Departments of the University. The Deans/Directors/Heads of Departments then take action to obtain quotations and prepare comparative statements for submission to the Purchase Committee headed by the Registrar of the University. Upon approval

by the Purchase Committee, purchase orders/service contracts are released duly signed by the competent authority according to the delegation of powers of the University.
https://www.jainuniversity.ac.in/pdf/Procedure.pdf

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	Merit Scholarship,Sports Scholarship, Dyuma Scholarship (Physically Challenged)	466	11280500
Financial Support from Other Sources			
a) National	Backward fee concession scheme,Social Welfare Department SC Students, Social Welfare Department ST Students, Office of Back ward community, Defense Scholarship, Department of Technical Education, National Metric Scholarship Schemes Minorities,	1361	21857675
b)International	Study in India (SII Syrian Scholarship a Government of India Initiative and President JAIN (Deemedtobe University) Scholarship	8	9074980

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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 implemetation	Number of students enrolled	Agencies involved
Guidance for competitive examinations	23/03/2018	145	National IAS Academy
Career Counselling	22/03/2018	1125	Placement Cell MARGDARSHI
Soft skill development	21/12/2018	2654	Institute of Skills INURTURE/ New Age Technologies/KPMG
Bridge courses	04/06/2018	2319	HoDs faculty members of respective departments offering the programme
Yoga and Meditation	16/03/2018	1850	Human Networking Academy
Personal Counselling	24/03/2018	1600	VISHWAS Counseling Center
Mentoring	19/03/2018	11480	Inhouse

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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
2018	Careers Guidance, LeeBoy India	0	6	0	1
2018	Careers Guidance, Mobile#	0	11	0	0
2018	Careers Guidance, Fouress	0	4	0	0

2018	Careers Guidance, Anvisent	0	15	0	0
2018	Krisam	0	10	0	7
2018	Steer	0	12	0	0
2018	GETMYUNI	0	3	0	0
2018	Ashok Leyland	0	1	0	0
2018	BFW	0	3	0	0
2018	BHEL	0	3	0	0
2018	BOSCH	0	5	0	0
2018	COREL	0	5	0	0
2018	Connect to Careers	0	250	0	175
2018	Coaching for NET/SLET & other competitive exams	5	20	2	20
2018	Career guidance	0	50	0	12
2019	Jain Centre for Career Excellence- Powered by National IAS Academy - Competitive Exam Coaching	40	20	0	0

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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
10	10	14

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
144	6943	674	98	2992	459

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	2	B.Tech.	Mechanical Engineering	Swinburne University of Technology, Australia	MS
2018	1	B.Tech.	Mechanical Engineering	ENAC, France	MS
2018	2	B.Tech.	Civil Engineering	Royal Institute of Chartered Surveyor, Delhi	MBA in Real Estate
2018	1	B.Tech.	Civil Engineering	University of Strutgart, Germany	Masters in Environmental Engineering
2018	3	B.Tech.	Information Science and Engineering	"Cancordia University "	Data Analytics
2018	1	B.Tech.	Information Science and	University of Western Ontario's	Data Analytics

			Engineering		
2018	7	B.Tech.	Electronics and Communication Engineering	MSRIT Bengaluru	Master's in Electrical Engineering
2018	7	B.Tech.	Electronics and Communication Engineering	Manipal University	ME in Embedded and Wireless Communication
2018	7	B.Tech.	Electronics and Communication Engineering	BIT Bengaluru	M.Tech VLSI
2018	7	B.Tech.	Electronics and Communication Engineering	MSRIT Bengaluru	M.Tech in Digital Communication
2018	1	B.Tech.	Computer Science and Engineering	ENAC University, France	MS
2018	1	B.Tech.	Computer Science and Engineering	University of Pavia, Italy	MS
2018	1	B.Tech.	Computer Science and Engineering	VTU, Belagavi	M Tech
2018	1	B.Tech.	Computer Science and	University of Leeds	MS

			Engineeri ng		
201 9	2	B.Tech .	Computer Science and Engineeri ng	Dayanand Sagar College of Engineering	M.Tech in Software Engineering
201 9	1	B.Tech .	Civil Engineeri ng	Swinburne University of Technology, Melbourne, Australia	Master in Construction Technology and Management
201 8	1	M.Sc	Microbiol ogy	Jain (Deemed to be) University	Ph.D
201 8	1	M.Sc	Biotechno logy	Rush University, USA	Master's in Clinical research
201 8	1	M.Sc	Physics	Jain (Deemed to be University)	Research Assistant (registering for PhD)
201 9	1	M.Sc	Physics	M P Birla Institute of Fundamental Research, Bangalore	Research Assistant (registering for PhD)
201 8	1	MPA	Dance	Jain (Deemed to be) University	M.Phil
201 8	1	MPA	Music	Jain (Deemed to be) University	M.Phil
201 8	2	MA	English	Jain (Deemed to be) University	M.Phil
201 8	1	MA	Economics	Liechtenspein U university	Masters in Finance
201 8	12	BA	OPJ & PSE	Jain (Deemed to be University)	MA
201 8	7	BA	OPJ & PSE	Montfort College	MA
201 8	11	BA	OPJ & PSE	Christ (Deemed to be University)	MA

2018	1	Interior Design	Interior Design	Manipal University	M.Sc (Design)
2018	10	B.Sc	Forensic Science	Galgotia's University	M.Sc. Forensic Science
2018	9	B.Sc	Forensic Science	Gujarat Forensic Science University	M.Sc. Forensic Science
2018	7	B.Sc	Forensic Science	Nottingham Trent University	M.Sc. Forensic Science
2018	1	M.Sc	Psychology	Jain (Deemed to be) University	M.Phil. Psychology
2018	1	B.Sc	Life Sciences	Jain (Deemed to be) University	M.Phil. Psychology
2018	1	B.Sc	Life Sciences	Mount Carmel College	MSc-Chemistry
2018	1	B.Sc	Life Sciences	Jain (Deemed to be) University	MSc-Biotechnology
2018	1	B.Sc	Life Sciences	IBAB-Bangalore	MSc - Bioinformatics
2018	2	B.Sc	Life Sciences	University of Birmingham	M Sc – Molecular Biotechnology
2018	4	B.Sc	Life Sciences	Jain (Deemed to be) University	M Sc-Microbiology
2018	1	B.Sc	Life Sciences	Mysore University	M Sc-Environmental Science
2018	1	B.Sc	Life Sciences	Manipal University	M.Sc Dietetics and Applied Nutrition
2018	1	B.Sc	Life Sciences	CFSL-Gujarat	MSc – Forensic science

2018	1	B.Sc	Life Sciences	Christ University	M.Sc Chemistry
2018	1	B.Sc	Life Sciences	Bangalore University	M.Sc Life Sciences
2018	1	B.Sc	Life Sciences	V.G. Vaze College, Mumbai	PG Diploma in Perfumery and Cosmetic Management
2019	3	B.Sc	Life Sciences	Dayanand Sagar University	M.Sc Biotechnology
2019	1	B.Sc	Life Sciences	Institute of Bioinformatics and Applied Biotechnology	M.Sc Bioinformatics and Applied Biotechnology
2019	1	B.Sc	Life Sciences	DG Vaishnav College, Chennai	M.Sc Biotechnology
2019	1	B.Sc	Life Sciences	Stella Maris College, Chennai	M.Sc Biotechnology
2019	1	B.Sc	Life Sciences	Mount Carmel College	M.Sc General Chemistry
2019	1	B.Sc	Life Sciences	Chandigarh University	M.Sc Industrial Microbiology
2019	3	B.Sc	Life Sciences	Jain (Deemed to be) University	M.Sc Microbiology
2019	1	B.Sc	Life Sciences	Teesside university. UK	Masters in Food Science and Biotechnology
2019	1	B.Sc	Life Sciences	Kristu Jayanti College	M.Sc Microbiology
2019	1	B.Sc	Life Sciences	St. Joseph's College, Bangalore	M.Sc Chemistry
2019	1	B.Sc	Life Sciences	Dayanand Sagar University	M.Sc Microbiology

2019	1	B.Sc	Life Sciences	Christ University	MBA
2019	1	B.Sc	Life Sciences	Narayana Institute, Bangalore	M.Sc Clinical Research
2019	1	B.Sc	Life Sciences	Kristu Jayanti College	M.Sc Biotechnology
2019	1	B.Sc	Life Sciences	St. Joseph's College, Bangalore	M.Sc Food Science and Technology
2018	1	B.Sc	Physical Sciences	IISER-Bhopal	M.Sc Physics
2018	1	B.Sc	Physical Sciences	Gujarat University	M.Sc Physics
2018	2	B.Sc	Physical Sciences	GITAM University	MCA
2018	1	B.Sc	Physical Sciences	Calicult University	M.Sc Physics
2018	2	B.Sc	Physical Sciences	Jain (Deemed to be) University	Integrated Ph.D
2019	2	B.Sc	Physical Sciences	NIT	M.Sc Physics
2019	3	B.Sc	Physical Sciences	Jain (Deemed to be) University	MCA
2018	1	B.Com	Commerce	CFA Institute - USA	Chartered Financial Analyst (CFA)
2018	1	B.Com	Commerce	University of Northampton	MBA
2018	1	B.Com	Commerce	George brown - Canada	Masters
2018	1	B.Com	Commerce	DUBLIN Business School	MBA
2018	1	M.Com	Commerce	Memorial University of Newfoundland	Masters in Economics
2018	1	B.Com	Commerce	Frankfurt University	Masters in Finance and Accounting

2018	1	BMS	Business Studies	De Montfort University (Leicester)	MBA
2018	1	BMS	Business Studies	MCGILL University	Marketing Management
2018	1	BCA	CS and IT	Uuniversity of Neberaska at Omaha	MS in Cyber Security
2018	1	BCA	CS and IT	ILLINOIS University	MS IN ROBOTICS
2018	1	B.Com	Commerce	University WARWICK	Masters in Finance and Accounting
2018	1	B.Com Hons	Commerce	Jaipuria Institute of Management	PGDM
2018	1	BMS	Business Studies	North Eastern University- USA	MBA
2018	1	B.Com	Commerce	NUI Galway- Done	MSc International Management
2018	1	B.Com	Commerce	Suny Buffalo,Bentley University	MS Finance
2018	1	BMS	Business Studies	KEDGE, FIFA Master Course	MSc in Sports Management
2018	1	B.Com	Commerce	TCD/UCD/Warwick	MSc in Finance
2019	1	B.Com Hons	Commerce	GRENOBLE ECOLE DE Management	Masters in Finance and Accounting
2019	1	BCA	CS and IT	Epita	Masters of Computer Application
2019	1	BCA	CS and IT	Sheffield Hallam University	MSc in Sports Business Management
2019	1	B.Com Hons	Commerce	University of massachusetts	Masters in Finance

2019	1	B.Com	Commerce	PSIUP University, USA	MBA
2019	1	B.Com Hons	Commerce	University of Edinburgh Napier	MBA
2019	1	B.Com	Commerce	University of Neberaska at Omaha	Masters in digital marketing
2019	2	B.Com	Commerce	Deakins, la trobe, monash	Masters in Management
2019	1	B.Com Hons	Commerce	University of BRISTOL	Bcom(H)+IFA+ ACCA
2019	1	BMS	Business Studies	North Eastern University- USA	MBA
2019	1	B.Com	Commerce	Northumbria University	MSc Digital Marketing
2018	1	BBA	Management	College de Paris, France	MSc Management
2018	2	BBA	Management	Griffith College France	Masters in Logistics and Supply Chain Management
2018	2	BBA	Management	Manchester Business School	Masters in International Business
2018	1	BBA	Management	Kingston College London	MSc in Marketing
2018	1	BBA	Management	Greenwich University	Masters in Communication
2018	2	BBA	Management	Trinity College of Dublin	Masters in Finance
2018	1	BBA	Management	Lancaster University	Masters in Entrepreneurship and Innovation
2018	3	BBA	Management	University of Leeds	Masters in International Business
2019	6	BBA	Management	College de Paris, France	MSc Management

2019	5	BBA	Management	Griffith College France	Masters in Logistics and Supply Chain Management
2019	3	BBA	Management	Manchester Business School	Masters in International Business
2019	3	BBA	Management	Kingston College London	Masters in Entrepreneurship and Innovation
2019	5	BBA	Management	Greenwich University	Masters in Communication
2019	7	BBA	Management	Trinity College of Dublin	Masters in Finance
2019	7	BBA	Management	Lancaster University	MSc in Marketing
2019	8	BBA	Management	University of Leeds	Masters in International Business
2018	1	B.Tech	Computer Science Engineering	University of Maryland	MS
2018	1	B.Tech	Computer Science Engineering	University of Wollongong	MS
2018	1	B.Tech	Computer Science Engineering	University of Buffalo, New York	MS
2018	1	B.Tech	Computer Science Engineering	Concordia University (Canada	MS
2018	2	B.Tech	Computer Science Engineering	Christ(Deemed to be university, Bangalore)	M.Tech

2018	1	B.Tech	Computer Science Engineering	University of Texas	MS
2018	1	B.Tech	Computer Science Engineering	Manipal University, Karnataka	MBA
2018	2	B.Tech	Computer Science Engineering	GU Clausthal, Germany	MS
2018	1	B.Tech	Computer Science Engineering	University in Finland	MS
2018	2	B.Tech	Electrical & Electronics Engineering	Brunel university, London	M.Sc Sustainable electric power
2018	1	B.Tech.	Mechanical Engineering	Manipal Institutions of Technology	M .Tech
2018	3	B.Tech.	Mechanical Engineering	Jain (Deemed to be University)	MBA
2018	1	B.Tech.	Mechanical Engineering	Mechatronics at TU Hamburg	MS
2018	1	B.Tech.	Mechanical Engineering	NMIMS(MMS)	MBA
2018	1	B.Tech.	Mechanical Engineering	Cambridge University	MS
2018	1	B.Tech.	Mechanical	TUHH University Germany	MS

| 2018 | 1 | B.Tech. | Mechanical Engineering | BRUNEL University, London | MBA |
| 2018 | 1 | B.Tech. | Mechanical Engineering | Christ (Deemed to beUniversity), Bengaluru | MBA |

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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
NET	13
SET	1
GATE	38
GMAT	5
CAT	2
GRE	28
TOFEL	26
Civil Services	10
Any Other	11

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

Activity	Level	Number of Participants
VIE 2018 by Department of Sports on 13th 16th Feb 2019	Institutional	1200
Guru Purnima Day Orgnaised By Kalpa Kananda And Sankalp Hindi Teams on July 27, 2018.	Institutional	350
Parichay For First Year MBA Students on 10082018, 11082018 And 13082018.	Institutional	830

DAN UTSAV (2018) Collected rice and grains from college for Aamir Khan foundation initiated by Jayanagar campus	Institutional	150
CATALYSTA" Activity	Institutional	204
Best out of Waste Activity	Institutional	43
SAMPRADAANA "Mega Blood Donation Camp – 2018"	Institutional	1400
Kargil Vijaya Diwas Day	Institutional	254
GO GREEN DAY Celebration	Institutional	153
Management Fest Parichay2018	Institutional	1208
Interdepartmental competitions that were organized in connection with the Kannada Rajyotsava Celebrations	Institutional	178
Christmas Celebration	Institutional	304
Nukad Natak (play on awareness about segregation of waste)	Institutional	123
IGNITE 2018, an annual event	Institutional	137
Vitta the Finance Forum has organized an activity "Monopoly" On 27th December 2018,	Institutional	493
"Verve 2019" – An Inter College Cultural Class competition was organized on January 7, 2019.	Institutional	245
Tarusamskruti and Pulse Cultural activity	Institutional	650
Youth week celebrations	Institutional	214
National Youth Day Celebration on 12012019	Institutional	332
Indoor Sports events on Thursday 21st, Friday 22nd and 23rd Saturday for the students	Institutional	254
Outdoor Sports event on Monday 25th February 2019 at Kittur Rani Chennamma Stadium, J P Nagar 3rd Block, Bangalore.	Institutional	1304
Celebration of PurandaraThyagarja Aradhana by students of MA MPA Music and Dance on 6th February 2019.	Institutional	25

The Annual Sports Day was held on February 25, 2019 at the Kitturu Rani Chennamma Stadium, Bangalore.	Institutional	857
Matribhasha Celebrations, February 21, 2019	Institutional	154
National Science Day is celebrated every year from 1987 on February 28.	Institutional	423
CHROMA Edition3 a Chemistry Magazine featuring students articles, doodles, word search, memes, chemi cartoons etc., was released on 28th March 2019	Institutional	125
Pongal or Sankranthi is the festival of harvest celebrated with pomp and gaiety all over India. on 21st of January 2019	Institutional	156
Graduation Day and Achiever Day for Final year students	Institutional	3200
Eco Club CAARMA in association with National Service Scheme (NSS) and Green Earth for Life had organized Seed ball making event for the students on 28062018.	Institutional	1205
The Inauguration Ceremony of "INTELLIGENZ – The Robotics Club"	Institutional	87
MAVA and Vimochana (NGO) organized SAMABHAV a film festival on gender, masculinity and relationships.From 20th22nd June 2019	Institutional	65
STHAYI Monthly Concert and Interaction Series called	Institutional	76
MY COUNTRY RUN 2018	Institutional	12450
Logo Quiz	Institutional	142
71st Independence day celebration	Institutional	1908
Samashti at ICTS film screening	Institutional	298
Anveshana FEST- 2018	Institutional	432
Flood relief fund Kodagu	Institutional	132

Self defense programme	Institutional	342
PANACHE 2018 on 31st of August Poster Making Competition Jam Competition Mad Ads Rangoli Design Competition	Institutional	326
Kerala Donation Activity	Institutional	85
56th Teachers Day Celebration	Institutional	523
Business Management Day Celebration	Institutional	1230
GANESHA UTSAV Celebration	Institutional	452
Surgical Strike Day celebrations	Institutional	143

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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
2018	1st place	National	0	1	16BT6AE001	Abdulla Jarjis
2018	1st place	National	0	1	16BT6AE024	Fahad Mohammed Sarwat
2018	1st in overall champions and 1st in best design report	National	0	1	16BT6AE079	G.R. Thiruveng Adam
2019	Gold	National	1	0	15BC100398	Rakshith M
2019	Gold	National	1	0	17BCR00401	Druvanth kumar
2019	Gold	National	1	0	18BSR06034	Sohan B S

2019	Silver	National	1	0	16BS108035	Kaushal malya
2018	100 M-Gold medal ,200 M-Gold medal	National	1	0	17BBAR0712	Abhishek P
2019	Silver	National	0	1	16BT6AE007	Anisha D'souza
2019	Bronze	National	4	0	18BSR06034	Sohan B S

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

Student Council representatives actively participate in various activities. Student representatives are inducted on rotation basis in various academic and administrative bodies. The composition of Students council consists of President, Vice President, Secretary and Treasurer. The institution has a functional student council which takes care for augmentation of various infrastructural, academic and administrative activities for student benefit and welfare. The council works under the supervision of Dean Student welfare. They represent the student community in research committee, curriculum design and development committee, IQAC, Cultural Committees, Grievance Redressal Cell, Equal Opportunities Cell, Women's Cell, Counselling Unit, Internal complaints Cell and other important bodies of the University. However, each class also has a class representative who addresses the students' issues and reports to the concerned authorities. Representatives of student council participate in the community outreach, environmental cleanup, link with other colleges and deals with the work related to cultural, technical as well as social aspects of the university. These students are involved in prohibition and prevention of sexual harassment where they look into the matters which deal with prevention of outraging the modesty of a woman. Students are also being involved in discipline committee in various events so as to maintain the decorum of the event. They work as a whole in every activity of the university contributing holistically. Student Council

representatives help in coordinating all the events related to academics and other cocurricular Extracurricular activities like Tarusanskriti, Anveshana, Kritya and the like, as per the directives of teaching faculty. They also motivate other students to take part in the activities conducted by the University. They work as a medium between faculty and students. The University provides necessary support to the council members in organizing coordinating the events. It encourages the students to develop their leadership and execution skills through these activities. Student council also helps share students' ideas, interests and concerns with faculty. ACADEMICS They participate in deliberation on curriculum design and development and give their inputs on making the curriculum globally competent to enhance employability. RESEARCH: As a part of the research committee members, the students and scholars present the collective requirements and expectations of their peers to the concerned authorities. They are also represented on the editorial boards of University newsletters and magazines. ADMINISTRATION The students are actively involved in cocurricular and extracurricular activities as organizers. They take leadership roles in the conducting various cultural fests, exhibitions, seminars, workshops, conferences and guest lectures. They also play a significant role in formulating policies of various committees by presenting concerns of the students. Students act as Placement ambassadors for Student Career Advisory Placement Support team and they act as catalyst to help in the placement activities. The students' council also organizes annual sports in which many team and individual events were conducted and the winners were given mementos and trophies. Overall the students council have taken an active participation along with the college management for enhancing the name and fame of the institution.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

12757

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

800000

5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni Association is in the process of getting registered. The University has an Alumni Association. Each of the schools conducts the alumni meet once a year. During the alumni meeting interactions take place between the faculty and alumni about various aspects of functioning and performance of the University and the alumni give valuable suggestions and inputs. These inputs are taken into consideration and incorporated for further growth of the University. The school of Management has released a directory of the telephone numbers, names and emails ids of the alumni. The alumni who have incubated companies through the University's incubation center meet periodically and share their experience with the mentors to further strengthen the entrepreneurship center. The alumni are involved in the following: • Facilitating the training and placement of students • Entrepreneurship development and incubation of companies • Arranging get together and networking activities • Providing constructive feedback on curriculum on the basis of their professional experience. The Alumni of Jain University have been playing an active role in promoting sports in India through the support they extend to the students of the University. Seven Olympians, fivehundred international players, and fourthousand national players have graduated from Jain University till date. Meeting / Activities organized by the Alumni Association • 9/3/2019 • 16/3/2019 • 13/4/2019 • 19/4/2019

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)

1. Operational Autonomy: Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. The University is spread across seven campuses and has established six faculties. All the units have a Director who is responsible for the academic and administrative function of the constituent unit. The Directors of the units act as Liaison officer between the management, students and

staff the Deans and HoDs of the respective departments work in consultation with each other and they are given autonomy with respect to their day to day academic activities and functional powers. Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co curricular, and extracurricular activities. They are given authority to conduct industrial tours and to have tie up with industry experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs. Students are empowered to play an active role as a coordinator of cocurricular and extracurricular activities, social service group coordinator. All the staff members actively participate in implementing the policies, procedures, and framework designed by the management in order to maintain and achieve the quality standards. 2. Developing Deploying Strategy: University has updated its strategic plan which covers both long term and short term planning to ensure that its progresses on its multi pronged vision of quality in academic programmes, research, extension activities, sports and entrepreneurship activities. The University has formulated vision 2032 building on its strategic plan developed in 2015 achieving sustained growth, greater resource mobilization and their effective utilization. University promotes a culture of participative management by involving the staff and students in various activities. There is a culture of participative and proactive management in all the statutory bodies as mandated by UGC. Participative management can be seen in academic, administrative and research activities. There is an inverted pyramid model which adapts the bottom up approach. The faculty members give their suggestions to the HoDs who in turn deliberate with the Deans of Faculties. The Deans place all these suggestions in the periodical meetings of the Deans' Council for necessary implementation.

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
Industry Interaction / Collaboration	• University has a UniversityIndustry Interface cell which facilitates design of courses in collaboration with Industries and Professional Bodies, placements, facilitate Research, Consulting Projects and various Faculty Development Programs for the University. The industry peers are consulted before updating the curriculum. The cell .interacts with Industry for Skill Development, Career Enhancement, Entrepreneurship Entrepreneurial Development for the students. • The University/Industry interactions have resulted in creation of National Research Facilities. Some of the noteworthy facilities are: • Coating facility at Centre of Emerging Technologies • Fire and Combustion Research Centre (FCRC) has collaborated with Underwriters laboratories • The University has also initiated the process to create Energy Park in consultation with TUV, Rhineland and an instrumentation centre in consultation with DST The University has MoUs with industries for research and consultancy. Have about 70 industry associations and more than 20 certifications.
Admission of Students	For undergraduate, postgraduate, professional courses and research programmes, the publicity for admission is through the University's website, prospectus, and advertisements in print and online media and counselling by the teachers and senior students. The University website www.jainuniversity.ac.in has detailed information about the admission procedure and the various courses offered the eligibility criteria and career prospects of each course. The University ensures transparency in its admission

	process. The University conducts a common entrance test (JET) for admissions to its courses. JET for all PG programs were conducted on 20th Jan'19, nonprofessional UG programs on 26th 27th April '19 and B.Tech programs on 14th April'19. The selection procedure is purely based on merit. The University also follows the policy prescribed by the Government for reservation. At the time of admissions, the University makes a conscious effort to provide opportunities to budding sportspersons.
Library, ICT and Physical Infrastructure / Instrumentation	Jain University has created specialized infrastructure for imparting quality education. • Libraries at all campuses are wellstacked with reference books and books for borrowing. They are fully automated with latest software online databases like IEEE ASME, EBSCO EMERALD AEAA. The campus libraries which are spread over a wide area are networked through KOHA software. There are adequate number of lecture halls, staff rooms, laboratories, seminar halls, residential facilities and superlative sports infrastructure. • State of the art laboratories equipped for experiments and practical exposure required for research. And teachings are available. Besides subject specific labs, the University also has Computer laboratories with 24 / 7 Internet connectivity for use of faculty, researchers and other learners. • The Center for Virtual learning and Innovation takes care of Technology Enabled Learning (TEL). There are smart classrooms for virtual learning. • Broadband WiFi in all campuses under NMICT. • Digital payment gateway through SBI. • Moving towards 100 paperless administration

Curriculum Development	• A conscious effort is made to introduce programmes in innovative / emerging areas. The University has 63 post graduate programmes, including 06 PG Diploma programmes out of which 31 are in niche emerging and innovative areas. Similarly, out of 67 UG programmes, 38 are in innovative and emerging areas. • Choice Based Credit System [CBCS] has been introduced across all faculties as per UGC guidelines, which enables the students to have broad based education. The curriculum has been reviewed and improved by inculcating value added courses and flexibility in elective courses and industry related courses developed by the University Industry Cell. • During 201819, 68 value Added Certificate Courses were offered in industry verticals. The tieup with International professional bodies like ACCA, CIMA, AIA, CSFS etc., provides global exposure and certification. JUX the learning hub of the University offers courses which provides students the opportunity to enhance their career thrugh online learning tracks and courses. Students can now choose a career path right from the time they start their degree program. Each course offered is handpicked by industry experts as per the current placement requirements. • Utmost importance is given in programme design and revision of curriculum to cater to learner needs, employability and entrepreneurship. Periodic suggestions from the stake holders are taken into consideration while revising the curriculum. • Spanish, German, French and soft skills training are offered to students across different disciplines. • Curriculum is revised once in 3 years

	for UG, 2 years for PG and 4 years for B.Tech programmes and finetuned as and when required. • A Compulsory course on Mind Management and Human Values is introduced.
Teaching and Learning	The principal strategies of Teaching – Learning adopted by the different Schools of the University are as follows: Use of Multiple Pedagogical tools including • Case study analysis • Simulations • Role play • Innovative student projects • Range of other relevant and topic specific interactive techniques. • Effective use of Technology in the classroom in order to cater to different learning styles: visual, auditory and kinaesthetic • Brainstorming • "Anytime, Anywhere Learning" through Learning Management System (LMS) and an Econtent repository. Jain University has created an exclusive MOOCs platform JUx. The University has signed agreements with leading Organizations such as Simply Learn and Future Sharp Skills Ltd., to access proprietary content. • Learner Centric Approach • Flipped classroom which is an instructional strategy and a type of blended learning • Experiential learning through internship, field visits, projects and hands on training. • Bloom's Taxonomy approach • Peer assisted, cooperative, blended and participative learning • Talks by CEOs • Student workshops • Contribution to University / Department magazines • Encouraging students to write blogs on topical subjects. • Teaching methodologies are complemented with use of ICT and digital technology. • Technology Enhanced Learning (TEL) is a unique type of learning that is powered by digital technology • Innovative learning methodology delivered

	through LMS (Learning Management System).. Helps enrich the study content by bringing new learning approaches to create an innovative learning model. • Multimedia Pravachan [MMP] is a unique method of imparting knowledge to students. Students will be seated in the lecture hall, which is equipped with the projection system, speakers and the networked console. • Students motivated to takeup Swayam courses. Credits earned are reflected in the marks card. • Special emphasis is laid to improve teachinglearning by providing students ¬ Personal as well as academic ¬ counselling ¬ Mentoring ¬ Conducting separate tests and examinations ¬ Remedial and tutorial classes ¬ Problem solving classes and concept clarifications ¬ Skill development programmes ¬ Programmes to develop Communication skills ¬ Special Lecture /Course materials ¬ Additional class assignments and tests
Examination and Evaluation	• The University has introduced large scale reforms in the examination and evaluation system. The students undergo a continuous evaluation process. • The "ERP software package" developed by the University covers the entire spectrum of the University activities right from the time the student sends in the application for joining the course, till the final degree certificate is issued. Examination Module in the ERP package handles all the activities involved in conduct and evaluation of the examinations. This ERP is totally flexible can be configured for all the user requirements strong validations are provided for minimizing human errors and thus enables the transformation of the

	student experience by streamlining all points of access for student services. • The Controller of Examination ensures timely and prompt declaration of results. Photocopies of answer scripts are made available to students if they apply for it. The results are announced within 10 days of the completion of examination for the undergraduate programmes and 20 days for the postgraduate programmes. The University publishes all the results through Jain University's website, www.jainuniversity.ac.in. The respective campuses are also notified of the same • Postfacto audit is conducted by a Committee headed by the Director Academics to establish the correlation between IA and UE. The Committee meets each Department individually. Deviations are noted and feedback given to Heads of Departments and Faculty members for remedial action. • Barcoding of the answer scripts helps in the smooth conduct of the examination. The scanning of the answer scripts and hence generation of the sticker for packeting of the answer scripts and finally entering of the marks by the valuers after valuation using the bar codes
Research and Development	• The University has inculcated a culture of research and is supporting high quality research at all levels. All the Post Graduate Departments and most of the Undergraduate Departments are actively involved in research activities. Cutting edge and frontier research is being carried out catering to regional and national requirements. • The University has a Research Development Cell (RDC) chaired by the Pro ViceChancellor who coordinates its research activities. The RDC coordinates all major and minor research proposals, organizing

| | of international and national conferences/seminars/ workshops and deputation of faculty for conferences. The University is especially promoting research in the areas in which the faculty members working under different departments and research centres specialize. • Dedicated research centres in existing and emerging areas have been established to promote cuttingedge research. Six dedicated Research Centres have been established in the priority areas • Faculty of the University engage in research with impact through research projects, presentation of research findings in prestigious conferences and seminars both internationally and nationally and publishing papers in refereed academic and research journals of repute. • Linkages with leading research organisations • Research Conclave and Research Retreat held every year. • Seed Money to Faculty to initiate research work • Mentoring young researchers • Interdisciplinary research, sabbatical, participation in National / International Conferences encouraged • Management has funded to the tune of Rs.350 million towards the development of research. • International agencies like ULUSA, TUV Rheinland Germany, IIAT St.Petersburg Russia, have collaborated in setting up of research facilities. • University Instrumentation Centre has facilities including equipment like FESEM, Powder XRD, Atomic Absorption Spectrometer, ATRIR Spectrometer, Gas Chromotograph. • Technology Business Incubator funded by DST and Supported by ALSTOM. • Food Technology Lab funded by MOFPI • State of theart Fire safety testing lab in collaboration with ULUSA. • Static |

	Simulator for CESSNA 172 Aircraft. • WindTunnel facility
Human Resource Management	Human Resource Department of JU is involved in continuous improvement in terms of securing quality workforce. It participates in the planning of employee training and development, organization development and career development. Besides this the Human Resource Department of the University conducts: • Orientation to the new recruits. • Ice breaking with senior faculty • Research info system • Career development • Organizational job design • Human resource planning • Performance management • Selection staffing • Compensation benefits • Employee assistance

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

E-governace area	Details
Student Admission and Support	• Online admission including online Digital payment gateway through SBI • Maintaining student's database through tailor made software. • Employers, other HEIs consulates are able to verify the credentials of Jain University graduates through directverify.ac.in linked to the University website. • Learning management System (LMS) • Student support like issuing Transfer Certificate, Admission Forms, Issue of ID Cards, Library cards and Challan through the ERP software package.
Examination	• Publication of results on the University website (resulta@jainuniversity.ac.in) • An agreement is signed with NSDL and certificates of students are being deposited with the depository designated by the UGC from the academic year 201718. • Pre – examination and PostExamination process through ERP like generating seat Numbers, HallTicket, F.Y results, student fees Records. Print the exam seat number wise List, Seating

	Arrangement for University Exams, issue of transcripts, PDC and the like.
Planning and Development	• Important notices and reports are circulated via emails to all stake holders. • "ERP software package" developed by the University covers the entire spectrum of the University activity right from the application stage till issue of the final degree certificate • Libraries are fully automated with latest software online databases like IEEE ASME, EBSCO EMERALD AEAA. The campus libraries are networked through KOHA software • Facilitating digital transformations such as Technology Enabled learning (TEL) • Teaching methodologies are complemented with use of ICT and digital technology. • Broadband WiFi in all campuses under NMICT. • 2175 computers 42 licensed software across campuses. • VMWare lab has been setup for training in virtualization. • Amazon Web Services lab and MATLAB support learning
Administration	• Monitoring of Faculty workload and student attendance through the report generated by ERP software • Biometric attendance for teaching and nonteaching staff • Safal software for Staff salary and IT deductions • Campus is equipped with CCTV Cameras
Finance and Accounts	• Fully computerized office and accounts section. • Maintenance of the college accounts through Tally.

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 for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	R Aparna	9th International Conference on Legal	Fees for Conference	8000

		Medicine, Medicine Negligence and Litigation in Medical Practice 9th International Conference on Current Tends in Forensic Sciences , Forensic Medicine Toxicology		
2018	Dr. Konda hari Prasad Reddy	IIAR National International Conferences	Registration Fee	5000
2018	Madhushree Sur	Paper Publishing: Economical impacts Developments of Demonetization 2016	Paper Publishing	2137
2018	Savitha V patil	International Congress of plant pathiologu(ICPP) 2018, International Conference	Registration Fee	15000
2018	Dr. Shivananda C S	International Conference Recent advances in Material Science and Biophysics	Travel Registration Stay Expenses	3754
2019	Allamaprabhu Yaravintelima th	2 Days Symposium on Hypersonic Technologies(Region al)	Registration Fee	3000

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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-	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

		teaching staff				
20 19	Faculty Development Programme on the topic "Deep B learning with Tensor Flow"		12/04/2 019	12/04/2 019	47	0
20 19	Faculty Development Program on 'Material Science Technology'		22/04/2 019	23/04/2 019	56	0
20 18	FDP on "Subject Coordination Workshops", where teachers prepare the teaching learning pedagogy		06/01/2 018	06/01/2 018	76	0
20 18	FDP on "Experiential Learning Methods in Marketing"		15/06/2 018	16/06/2 018	67	0
20 18	Faculty Enrichment Programme "Creativity Innovation as Inseparable Twins"		22/06/2 018	22/06/2 018	66	0
20 18	FDP on "Machine Learning Fundamentals"		18/07/2 018	20/07/2 018	47	0
20 19	Administrative Programme for non teaching37		13/02/2 019	14/02/2 019	0	37

20 19	A two day Skill development training program Non teaching staff		30/01/2 019	31/01/2 019	0	37
20 18	FDP on Data analysis through SPSS		05/04/2 018	07/04/2 018	30	0
20 18	FDP on the awareness and the inherent benefits as well as advantages of using LMS (Learning Management Systems)		10/07/2 018	10/07/2 018	87	0
20 18	FDP on 'Planning for teaching' hands on workshop		09/07/2 018	10/07/2 018	67	0
20 18	FDP on "Creativity and Planning in Teaching"		11/07/2 018	14/07/2 018	67	0
20 18	Faculty Development Programme on Teaching Learning Pedagogy and how to create transformative class room training		10/07/2 018	16/07/2 018	78	0
20 18	In House Faculty Development Programme titled – "Nuances of		24/07/2 018	27/07/2 018	85	0

	Research Paper Writing"					
20 18	"Dynamics of Research Writing"		25/07/2 018	25/07/2 018	57	0
20 18	"Ms Excel for Research Paper Analysis"		26/07/2 018	26/07/2 018	76	0
20 18	Concept Review on the topic "Nostro and Vostro Account"		25/07/2 018	25/07/2 018	66	0
20 18	WorkshopcumTra ining session entitled "Expert Opinion and Interpretation of Evidence"		26/07/2 018	27/07/2 018	35	0
20 18	FDP on Case writing analysis		27/11/2 018	28/11/2 018	42	0
20 18	FDP on Digitalization in Accounting Taxation		06/11/2 018	06/11/2 018	52	0
20 18	FDP on "Nano and bio interfaces for improved functionality"		22/07/2 018	28/07/2 018	68	0
20 19	FDP on Recent trends in construction safety and alternate building materials		21/01/2 019	21/01/2 019	57	0
20 19	A National level faculty development program on "Scientific		25/01/2 019	25/01/2 019	178	0

	Writing and Research Publications"				
20 19	Faculty Development Programme on New age Technology		17/01/2 019	24/01/2 019	45	0
20 18	Faculty Enrichment Programme "International market selection for Indian coffee		22/07/2 018	22/07/2 018	67	0
20 18	FDP on a fullfledged workshop on Using R language for Data Analysis and research publications		05/07/2 018	06/07/2 018	78	0
20 18	FDP on R as a programming language among research community across the teaching fraternity		05/06/2 018	06/06/2 018	31	0
20 18	Faculty Development program on the topic "Purana Pathragala Moolaka Vyakthithva Vikasana"		19/07/2 018	19/07/2 018	87	0
20 19	Faculty Development Programme talk on "Statistical		21/02/2 019	21/02/2 019	56	0

	tools in Research"				
20 19	FDP on "Educational Environment"		20/02/2 019	20/02/2 019	92	0
20 19	Faculty Development Programme on Computational Tools for Engineering Applications		05/03/2 019	09/03/2 019	102	0
20 19	Faculty Development Programme on "Academic Writing for General Management"		07/03/2 019	07/03/2 019	78	0
20 19	FDP on "Business Application in Data Analytics"		20/05/2 019	25/05/2 019	67	0

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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**
Workshop – FDP on "Machine Learning"	1	19/07/201 8	21/07/201 8	3
Workshop – "IoT Boot Camp"	1	02/07/201 8	06/07/201 8	5
'Science and shaping the future of agriculture in India'	1	09/07/201 8	09/07/201 8	1

'Database on Indian Economy (DBIE): RBI's Data warehouse'	1	20/07/2018	20/07/2018	1
Faculty Development Programme on Functional Materials for Industrial Applications (FMIA2018)	1	27/07/2018	27/07/2019	1
"International Political Science Association World Congress"	1	22/07/2018	24/07/2018	3
"Meeting of the Research Committee – 17"	1	24/07/2018	24/07/2018	1
"Global Barometer Survey Report	1	23/07/2018	23/07/2018	1
Discussion on "Elections 2019"	1	28/07/2018	28/07/2018	1
"Proposed National Higher Education Commission Bill"	1	04/07/2018	04/07/2018	1
workshop on the "Politics between Elections"	1	16/07/2018	16/07/2018	1
"One Nation, One Election"	1	12/07/2018	12/07/2018	1
"The Tradition of National Election Studies"	1	17/07/2018	17/07/2018	1
"Development and Displacement : Case Studies in India"	1	11/07/2018	11/07/2018	1
"Rejuvenation of Undergraduate education in India"	1	10/08/2018	11/08/2018	2
"FPGA Design using XILINX VIVADO"	1	25/08/2018	28/08/2018	4
"People Management"	2	11/08/2018	11/08/2018	1

workshop on "Research Methodology and Data Analysis using Statistical Package for Social Science and AMOS"	1	25/08/2018	26/08/2018	2
Rejuvenation of Undergraduate Education in India	1	10/08/2018	11/08/2018	2
"Research Methodology and Data Analysis using Statistical Package for Social Sciences and Analysis of Moment Structures"	1	25/08/2018	26/08/2018	2
"XII National Sociological Conference, Social Transition: Issues and Challenges"	1	31/08/2018	01/10/2018	2
"Rejuvenation of Undergraduate Education in India"	1	10/08/2018	11/08/2018	2
"National Seminar on Frontiers in Materials and Chemical Sciences"	4	30/08/2018	31/08/2018	2
"International Conference on Green Methods for Separation, Purification and Nano material Synthesis"	1	24/04/2018	25/04/2018	2
"Train the Trainers (TOT) Programme"	2	14/08/2018	18/08/2019	5
"CentreState Relations"	1	29/08/2018	29/08/2018	1
"Inaugurating the Research Methodology Special programme"	1	10/08/2018	10/08/2018	1
"Themes Formulating a Research Question and Importance of Training Workshops for Field Investigators"	1	07/08/2018	08/08/2018	2

"Recent Trends and Innovative Teaching Methodology in Higher Education"	2	07/09/2018	07/09/2018	1
"Cyber Forensics"	1	10/09/2018	12/09/2018	3
"Extensive Crime Scene Investigation"	1	20/09/2018	22/09/2018	3
"Fingerprint Examination"	1	20/09/2018	22/09/2018	3
"Skill Development Program for Ph D Scholars"	1	21/06/2019	26/06/2019	2
"FDP on Advances in Mechatronics"	1	16/07/2019	20/07/2019	5
"5th Contemporary Academic Meet"	1	06/07/2019	06/07/2019	1
"Training on SPSS Faculty Development Programme at AICTE sponsored FDP on "Success Mantra to promote Higher Education in Digital Era: Teach to learn and learn to Teach"	1	20/07/2019	20/07/2019	1
'Research methodology, Data Analysis and Interpretation' by using SPSS and AMOS	1	26/07/2019	28/07/2019	3
"Differential Geometry"	1	26/07/2019	26/07/2019	1
"Wildlife Conservation"	1	12/07/2019	14/07/2019	3
"Dance in Ancient Texts"	2	21/07/2019	21/07/2019	1
"IEEE Workshop on Senior Member Elevation"	1	09/06/2018	09/06/2018	1
Workshop on "Testing of alcoholic beverages"	1	26/06/2018	27/06/2018	2

'Gender in Skill Development	1	04/07/2018	04/07/2018	1
"Language and Culture – A symbiotic relationship"	1	25/06/2018	25/06/2018	1
Workshop – FDP on "Machine Learning Fundamentals"	1	18/07/2018	20/07/2018	3
Workshop on "Machine Learning"	1	09/07/2018	14/07/2018	6
"International Conference on Advanced Ceramics and Nanomaterial's for Sustainable Development"	1	19/09/2018	21/09/2018	3
"Panel Discussion on the Science and Technology Policy of the Karnataka Government"	1	24/09/2018	24/09/2018	1
FDP Programme on the theme "Understanding the 21st Century Classroom"	1	14/09/2018	14/09/2018	1
"Emerging Challenges to Indian Democracy"	1	11/09/2018	11/09/2018	1
"Valedictory Address at the NIAS – DST Training Programme for Women Scientists on `Science and Sustainability in India`	1	07/09/2018	07/09/2018	1
"Role of Academic Teaching and Research in Refugee Protection"	1	11/09/2018	11/09/2018	1
"Democracy in the Age of Digitalization"	1	29/09/2018	29/09/2018	1
"UNDP Pacific Regional Conference on Legal and Regulatory	1	19/09/2018	21/09/2018	3

Frameworks for Political Parties"				
"Laser Word of Photonics – India 2018"	1	26/09/2018	28/09/2018	3
Conference ProQuest and Libraries: Together Towards Tomorrow	1	05/10/2018	05/10/2018	1
"Resource Methodology"	1	01/10/2018	01/10/2018	1
"Quality Initiatives in Higher Education"	1	07/09/2018	07/09/2018	1
7th Asia Pacific Consultation on Refugee Rights	1	22/10/2018	22/10/2018	3
"Recent Supreme Court Judgments and their Social Economic and Political Implications"	1	30/10/2018	30/10/2018	1
"Elections 2019"	1	18/03/2019	18/03/2019	1
"Ethics of / in Research at the short term course on Research"	1	28/10/2018	28/10/2018	1
"Indian Secularism: The Nehruvian Perspective"	1	25/10/2018	25/10/2018	1
"Higher Education"	1	24/10/2018	24/10/2018	1
"Annual Convention on the Current Trends in Higher Education"	1	13/10/2018	13/10/2018	1
"Ethics and the Researcher"	1	11/10/2018	11/10/2018	1
"Mahatma Gandhi's Ideas and 21st Century India"	1	09/10/2018	09/10/2018	1
"Panel Discussion on Value Education and	1	05/10/2018	05/10/2018	1

Science in Higher Education"				
"Preliminary Review Meeting at the Ministry of Human Resources Development"	1	03/10/2018	04/10/2018	2
"Seven Decades of Indian Democracy: Issues and Challenges"	1	01/10/2018	01/10/2018	1
"Teaching – Learning Innovations	1	06/09/2018	06/09/2018	1
"Translation Workshop"	1	07/09/2018	07/09/2018	1
Ranking, Accreditation and Quest for Quality: International Scenario and the Indian perspective	1	19/09/2018	19/09/2018	1
"Accreditation in USA and Collaborative Opportunity for India"	2	10/10/2018	10/10/2018	2
"Seminar on IoT Next"	7	31/10/2018	31/10/2018	7
National Urdu Social Science Congress 2018	1	15/11/2018	16/11/2018	2
"Developing and Deploying Deep Learning Applications using MATLAB	2	29/11/2018	29/11/2018	2
"Case analysis and writing"	1	27/11/2018	28/11/2018	2
"Advances Innovations in Biotechnology: Multidisciplinary Approaches to Food, Health, Environmental and Energy Issues (AIBFHEE) Annual Meeting of Society of Biotechnologists (India)"	1	15/11/2018	16/11/2018	2
"An Integrated Approach to Enhance	1	05/11/2018	07/11/2018	3

the Overall Performance of Quantum Dot Sensitized Solar Cells"				
"Quantumdot bioprobes for detection of food and water borne pathogens"	1	03/09/2018	03/09/2018	1
"Quantum Dots and perovskites for Energy and Sensing applications"	1	07/11/2018	07/11/2018	1
"Recent Development of NanoCatalyst for Organic Synthesis and its Application in Basic Chemistry"	1	27/10/2018	27/10/2018	1
Scientific Knowledge in the Vedas	1	18/11/2018	18/11/2018	1
"Vedic Astronomy"	1	27/10/2018	28/10/2018	2
"Student participation in quality initiatives"	1	14/11/2018	15/11/2018	2
"The Mahabarata and its relevance for our times"	1	23/11/2018	23/11/2018	1
HAMFEST 2018" – 27th National Ham Radio Operators Meet	1	29/12/2018	30/12/2018	2
Intelligent Communication, Control and Devices' (ICICCD2018)	1	21/12/2018	22/12/2018	2
'Advanced Computational and Communication Paradigms'	1	25/12/2018	28/12/2018	4
"Criminal Profiling through Crime Scene Investigation"	1	13/12/2018	15/12/2018	3

"Smart Materials Sensors and Energy Devices" – SMSED2018	1	06/12/2018	06/12/2018	1
"10th Bangalore India Nano"	1	05/12/2018	07/12/2018	3
Review Meeting of the Project on Politics between Elections	1	14/12/2018	14/12/2018	1
"Gender Sensitization/Feminism" of UGCHRDC	1	06/12/2018	06/12/2018	1
Conference on "Future of Learning"	1	04/01/2019	05/01/2019	2
"Emerging Trends in Forensic Science"	11	10/01/2019	11/01/2019	2
Conference on Self, Omniscience Morality	1	04/01/2019	05/01/2019	2
Modern Tools and Technology in Research – Transdisciplinary Perspective Insight 2019	1	28/01/2019	29/01/2019	2
"Wellnesss Education" (ICWE, 2019)	1	18/01/2019	19/01/2019	2
"International and Interdisciplinary Conference on Self, Omniscience Morality"	1	04/01/2019	05/01/2019	2
"InorganicOrganic Hybrid Materials and Dielectric Material Characterization"	1	03/01/2019	03/01/2019	1
Advanced Materials and Its Fabrications (ICAMF2019)	1	10/01/2019	10/01/2019	1
"5th International Conference on Nanoscience Nanotechnology, (ICONN 2019)"	1	28/01/2019	30/01/2019	3
"International Conference on	1	17/12/2018	20/12/2018	4

Nanostructured Materials Devices (ICNSMD 2018)"				
"International Conference on Recent Trends in Materials Science Technology (ICMST 2018),"	1	10/10/2018	13/10/2018	4
Workshop on Gender Equality and Federalism	1	31/01/2019	01/02/2019	2
Faculty Development Programme on Scientific Research Writing	1	25/01/2019	25/01/2019	1
delivered a 'talk' at the India Investment Marathon	1	11/01/2019	11/01/2019	1
Locating Democracy and Governance in Political Communication in Contemporary India	1	10/01/2019	10/01/2019	1
'Indias Political System and its Contemporary Challenges at the Programme on India in Transition'	1	08/01/2019	08/01/2019	1
Blockchain Enabled Smart Grid Market	2	22/02/2019	22/02/2019	1
"COMSOL – Multiphysics for Academic Research and Training"	1	15/02/2019	15/02/2019	1
"Spirituality and Health" – FUSION2019	2	24/02/2019	24/02/2019	2
"Nutrition Security for Planetary Health"	6	21/02/2019	21/02/2019	1
"IMTEX i2 Academia Pavilion2019	2	24/01/2019	30/01/2019	7
"To create awareness among the Engineering students of various	1	28/02/2019	28/02/2019	1

Science aspects trending now"				
"Industry 4.0"	1	18/02/2019	19/02/2019	2
"Dynamics of Indian Business – Transition, Transformation and Way Forward in the era of Reforms"	1	18/08/2018	18/08/2018	1
"Educational Loans: Digital Solutions for Effective Management"	1	01/03/2019	01/03/2019	1
Student Leadership Conference'	1	02/02/2019	02/02/2019	1
"Innovations in Banking"	1	14/02/2019	14/02/2019	1
symposium for researchers – "Vimarshaa"	1	09/02/2019	09/02/2019	1
"Indian Diasporic Literature"	1	22/02/2019	22/02/2019	1
Wildlife Workshop	1	08/02/2019	09/02/2019	2
"Constitution Day2019	1	14/02/2019	14/02/2019	1
"Future India – Science and Technology: Research Innovations in Biology"	1	14/02/2019	15/02/2019	2
"Forensic Psychology: An Emerging Field"	1	09/02/2019	10/02/2019	2
"India's Current Economic Scenario – Prospects Challenges"	1	08/02/2019	08/02/2019	1
"Excellence in Higher Education Teaching for the Faculty of Commerce and Economics"	1	09/02/2019	09/02/2019	1
"Research Methodology"	1	22/02/2019	23/02/2019	2

"Applied Econometrics for Business and Finance"	2	22/02/2019	23/02/2019	2
National Symposium on "Rethinking English Studies in India: The Culture Studies turn and its possibilities"	2	14/02/2019	14/02/2019	1
"Voice of Humanity in PostIndependence Hindi Literature"	1	18/02/2019	18/02/2019	1
"11th Annual KSTA Conference on New Vistas in Science and Technology for Common Good	1	01/02/2019	01/02/2019	1
"Future IndiaScience and Technology: Research Innovations in Biology"	1	14/02/2019	15/02/2019	2
"Summit on Forced Displacement in India – Why Gender Matters"	1	27/02/2019	28/02/2019	2
"Dance of Democracy: Politics, Elections and the Millennials"	1	23/02/2019	23/02/2019	1
"Emerging Issues in Contemporary Indian Politics"	1	22/02/2019	22/02/2019	1
"Conceptualizing Public Policy" and "Assessing the Formulation and Implementation of the Karnataka Youth Policy"	1	18/02/2019	19/02/2019	2
"Electing a New Lok Sabha: Emerging Trends"	1	15/02/2019	15/02/2019	1
"Elections 2019: Looking at the Crystal Ball"	1	15/02/2019	15/02/2019	1

Workshop for Field Investigator for Police Study	1	07/02/2019	07/02/2019	1
National Seminar on "Relevance of Gandhisam in Contemporary Indian Literature"	1	22/02/2019	22/02/2019	1
Workshop on "Civic Engagement and Community Harmony"	1	05/02/2019	05/02/2019	1
"Politics and Society between Elections"	1	29/03/2019	29/03/2019	1
"The 21st Century Undergraduate Classroom"	1	21/03/2019	21/03/2019	1
"Eternal Values in a Changing Society'	1	07/03/2019	07/03/2019	1
"How can Innovations help India achieve UN Sustainable Development Goals"	1	06/03/2019	06/03/2019	1
"2019 Elections held in Delhi"	1	01/03/2019	01/03/2019	1
Young Scholars Congress	1	15/03/2019	16/03/2019	2
"Trends in Multidisciplinary Business and Economic Research" (TMBER 2019)	1	23/03/2019	24/03/2019	2
"Asian Tiger and Indian Lion – Economics Growth and Development"	1	05/03/2019	05/03/2019	1
Effective Teaching Methods,	1	12/03/2019	12/03/2019	1
"National Conclave Triad 2.0 –Three Events on one platform: Business Conclave	1	16/03/2019	16/03/2019	1

'Higher Education – 4.0 The Next Leap',	1	19/03/2019	19/04/2019	1
Recent Trends in Materials Science (NCRTMS2019)	1	09/03/2019	10/03/2019	2
Research Methodology Programme for the benefit of the Directorate of MinoritiesFunded Research Scholars belonging to different Universities in Karnataka	1	05/03/2019	06/03/2019	2
"Introduction to Criminal Psychology" and "Forensic Science and Crime Scene Investigation"	1	14/03/2019	15/03/2019	2
"Fingerprint Examination" in the twoday symposium titled "Criminal Psychology and Forensic Investigation"	1	14/03/2019	15/03/2019	2
"Workshop on UI/UX Design	1	21/04/2019	21/04/2019	1
"Faculty Interaction HandsOn Workshop on Machine Learning Techniques"	1	08/04/2019	12/04/2019	5
Workshop on "Application of Optimization Techniques on Advanced Manufacturing Process"	2	25/03/2019	30/03/2019	6
'Mechanical Engineering Design (ICMechD2019)	1	25/04/2019	26/04/2019	2
'Material Science Technology'	1	22/04/2019	23/04/2019	2
"The Emergence of Startup EcoSystem In	1	30/04/2019	30/04/2019	1

India New ways to engage millennials and wealth creations"				
Liberal Democracies and Emerging Challenges	26	13/04/2019	13/04/2019	1
"New Initiative of the Election Commission to Increase Voter Participation"	1	05/04/2019	05/04/2019	1
"Curriculum Revision Workshop for Library and Information Science"	1	20/05/2019	24/05/2019	5
"Data Analysis Through SPSS"	1	09/05/2019	10/05/2019	2
"DNA as an exciting biopolymer for the development of advanced functional biomaterials"	1	30/04/2019	04/05/2019	5
"State Constitutions and their Preparation"	1	01/05/2019	01/05/2019	1
"Train the Trainer" Workshop	1	02/05/2019	06/05/2019	5
"Consultancies at Christ University"	1	27/05/2019	27/05/2019	1
"Implications of Doing Business – General Elections 2019"	1	30/05/2019	30/05/2019	1
"Application of Optimization Techniques on Advanced Manufacturing Process"	1	25/03/2019	30/03/2019	6
'Mechanical Engineering Design (ICMechD2019)	1	25/04/2019	26/04/2019	2
'Material Science Technology'	1	22/04/2019	23/04/2019	2
"The Emergence of Startup EcoSystem In India New ways to	1	30/04/2019	30/04/2019	1

engage millennials and wealth creations"				
Religious Minorities which has organized a Research Methodology Programme	1	13/04/2019	13/04/2019	1
UGC Workshop on Student Induction	1	01/06/2019	01/06/2019	1
NDLI Club – Karnataka State Workshop for Educational Institutions	1	14/07/2019	14/07/2019	1

View File

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

Teaching		Non-teaching	
Permanent	**Full Time**	**Permanent**	**Full Time**
509	362	304	157

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Competitive Salary for merited faculty members. • Subsidised transportation food facilities for faculty members at global campus. • Emergency medical facilities. • Concession in fees for enrolment for M Phil/PhD • concession in fees for wards of staff members • Recommendation for loans through the banks where	• Emergency medical facilities. • Subsidised food and transportation at Global campus. • Skill development programme facilitated by management. • Computer literacy programmes. • Assistance to avail loan from the bank where salary is credited • Management provides financial assistance in	• Career Counselling and Guidance • Networking Opportunities and Motivational Programmes • Skill Development Workshops • Psychological Mental and Physical Well Being Programmes • Guidance and Financial assistance for attending / presenting papers in workshops, seminars and extracurricular activities outside

salary is credited. • Personal funding in deserving cases by Management on returnable basis. • Medical and awareness camps. • Concession in work load to pursue higher education. • Management funded training programme. • Sponsorship to conferences seminars by giving registration fees. • Sponsorships for patent filing. • Programme incentive scheme for research and publication. • Select housing facility at Global campus.	deserving cases. • Concession in fees for wards of the staff members. • Medical facilities for serious illness. • Limited financial assistance for emergency.	the campus for deserving students on a case to case basis. • Separate international student cell called International Students and Scholars Advisory Centre (ISSAC) to attract foreign students and cater to their financial requirements which is headed by an International Student Officer. • Emergency medical facilities provided • Additional academic support and academic flexibility for sports students to prepare for examinations • Students are awarded scholarships and free ships for their commendable achievements in sports. They are sponsored for tournaments both within and outside the country

6.4 – Financial Management and Resource Mobilization

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

The institution is self financed and therefore, all programmes run by the University are self financed. The University is run by Jain University Trust. The institution is self sufficient in terms of operational

budget. It allocates budget with respect to infrastructure and learning resources. The budget is well planned and all the finance related activities go on according to this planned budget. The institute has a mechanism for internal and external audit .The Finance Committee monitors the financial performance of Jain University. It oversees the flow of funds and develops a budget for the University. The audited statements of account of the University also come under its purview. The Finance Committee is headed by the Vice Chancellor and comprises four other members out of which one is a Trust Nominee, two are the nominees of the Board of Management and one is the Member Secretary. External audit is carried out once in a year. External Auditor verifies all receipts expenses bills, payments of the Financial Year (FY). The accounts of the University are regularly audited. Statutory external audit is conducted by professional auditor and chartered accountants at the end of the financial year. All the Financial transaction of the University is audited by the designated auditor, Mr. Sanjay Thayal. Every year both internal and external audit is carried out. To the best of knowledge there has been no major audit objection.

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
Kannada Cultural Ministry's K.S Narasimha Swamy Trust for International conference of Indigenous languages Translation studies, Indian National Science Academy, JAIN (Deemed to be University) Management	9135767	Conduct of conference, MDP, FDP, Management Fest and Cultural Programme

View File

6.4.3 – Total corpus fund generated

2491100000

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	Director IQAC and Team
Administrative	No		Yes	Director IQAC and Team

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

The University is spread across seven campuses and has established six faculties. All the units have a Director who is responsible for the academic and administrative function of the constituent unit. The Directors of the units act as Liaison officer between the management, students and staff the Deans and HoDs of the respective departments work in consultation with each other and they are given autonomy with respect to their day to day academic activities and functional powers. There are Directors for administration, placements, corporate communications, international relations and quality initiatives who monitor their respective area in all the constituent units and report to the Vice Chancellor. The examination wing is taken care off by the Controller and Deputy Controller of Examinations. Administrative officer of each unit take care of administration of respective units. There is a central financing system which takes care of the financial needs of each of the units after careful scrutiny and sanction by the Vice Chancellor of the University.

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

• Parent teacher meetings are held regularly once a semester. The meeting is a platform to offer suggestions for further improvement and development of the students. The parents get an opportunity to interact with the faculty members and heads of the departments to know about their ward's performance and study. • Student's attendance and other academic information are messaged to parents for regular monitoring of their wards progress. • Parents are encouraged to be a part of institutional committees for student's welfare.

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

• A lecture/demo on 'Importance of Yoga in our daily life' on the 21st of June 2018 for the International day of Yoga for the teaching and non teaching staff. • A 2 Day Skill Development Program for the Office and Non teaching Staff organized by The IQAC on 30th and 31st of

January 2019. • Administrative Development Programme for non teaching staff on 13 and 14th February 2019.

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

1. Introduction of programmes in innovative / emerging areas. There are 63 post graduate programmes, including 06 PG Diploma programmes out of which 31 are in niche emerging and innovative areas. Similarly, out of 67 UG programmes, 38 are in innovative and emerging areas. 2. JUX the learning hub of the University offers courses provides students the opportunity to enhance their career through online learning tracks and courses. Students can now choose a career path right from the time they start their degree program. Each course offered is handpicked by industry experts as per the current placement requirements. JUX has offered 101 courses in 2018 / 19. 3. Ministry of HRD, Government of India formulated National Vocational Education Qualification Framework (NVEQF) in Sept 2011.In accordance with this, Jain (Deemed to be University) provides B.Voc. across various industry sectors such as Media Entertainment, Travel Tourism, IT/ITeS and more from 2020 onwards. The students after completing these bachelor programs can explore opportunities to work in various domestic and multinational companies. 4. Jain University commenced its Open Distance Learning program with online learning for the benefit of the students in the State of Karnataka from 201819.In the first phase, the University launched seven degree programs, nine PG Diploma Programs, 10 Certification programs for the students. Under this flagship initiative taken by the University, students will also get access to unique Employment Linked Skilling Program (ELSP), designed by Schoolguru. 5. JUiNCUBATOR is a joint initiative by JAIN (deemed to be university), Department of Science and Technology (DST), Govt. of India, and ALSTOM India Limited. JUiNCUBATOR engages with startups at the national level and concentrate on providing an endtoend ecosystem to startups in 3 core areas Energy and Environment, Agriculture and Allied Fields and Novel and Nanomaterials. It provides tremendous scope for entrepreneurs to develop their business and contribute to the GDP growth of India. 6. Conduct of Idea contests to catalyze inventiveness among students and young faculty. Proposals were invited and shortlisted students and faculty took part in the Idea contests • INVENTECH IC 2018 Organized on 7th Apr18. • National Makeathon

| | Bangalore on 3rd Oct 18. • INVENTECH 2018, a State Level Competition for Designers Markers – held on 24th March 2018. • JU Idea contest with the theme ''UN Sustainable Development Goals'' held on 25th May 2019 |

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
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
2019	Yearly Audit of schools according to NAAC Criteria	19/08/2019	19/08/2019	24/08/2019	35
2018	Skill Development Programme	05/02/2018	05/02/2018	09/02/2018	75
2018	Awareness workshop for all the Schools of Jain (Deemed to be University) on Revised accredited frame work	18/07/2018	18/07/2018	24/07/2018	120
2018	Management Development Programme	18/08/2018	18/08/2018	18/08/2018	120
2018	Faculty Developmen	06/09/2018	06/09/2018	14/09/2018	130

	t Programme				
2019	Awareness workshop for Non accredited Colleges	14/02/2019	14/02/2019	15/02/2019	180
2019	Mock Peer team visit submission of report to ISBR College	20/03/2019	20/03/2019	20/03/2019	25
2019	Workshop on Outcome Based Education	22/05/2019	22/05/2019	27/05/2019	14
2019	QS Master class on University Rankings Ratings	06/04/2019	06/04/2019	06/04/2019	60
2019	Mock Peer team visit submission of report to St. Claret College	02/08/2019	08/02/2019	02/08/2019	42
2019	Mock Peer team visit submission of report to Soundarya Institute of Management Sciences	04/09/2019	04/09/2019	04/09/2019	45

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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**
Peace march, to Town hall, with a participation of over two hundred students, both boys and girls and faculty members. This was an attempt to create awareness and a social awakening towards the cause of "Save the girl Child".	17/10/2018	17/10/2018	28	25
Paritraana-self defense training session	29/08/2018	31/08/2018	87	50
Equity of women in work place	08/03/2019	08/03/2019	131	25
Comprehensive life skills, sexuality and personal safety personal safety program	29/03/2019	30/03/2019	82	24
Student Members of Women cell participated with other students in a rally in association with ABVP in support of Laws for women's' safety and to protest against Delhi rape case.	04/01/2019	04/01/2019	92	23
Faculty and students attended a workshop on Women Empowerment	07/02/2019	07/02/2019	105	35
Competitions like poster making, collage etc. on the eve of independence day every year on topics like Role of women in freedom movement, Role of women in modern India and	12/04/2019	12/04/2019	66	18

Quiz competition for faculty members on "Women achievers" highlighting the role of women in India and Internationally in various fields like Sports, Science, Entertainment, Politics, Literature, Art and Culture etc.	07/05/2019	07/05/2019	54	24
Women's selfdefence Programe "Don't be afraid to speak up for yourself. Keep fighting for your dreams"	03/01/2018	03/01/2018	82	15
Celebration of International women's day every year on March 8th.	02/02/2018	02/02/2018	75	24
Talk on "Health, Wellness and Nutrition" by Smt. Rekha Deepak	04/04/2018	04/04/2018	82	25
Practical session (workshop) on Self Defense annually by sensei Mathews P. Raj.	08/06/2018	08/06/2018	35	26
Talk On the topic: Developmental perspectives on gender by Dr. Lavanya Sheshasayee	19/06/2018	19/06/2018	64	12
A guest talk for girl students of the campus was organized .This talk was organized in association with Women's' Well being Initiative.	10/08/2018	10/08/2018	89	24
Vasudha women cell, School of Sciences in association with MYshah Healthcare, Jain (Deemed-to-be University) conducted a	17/07/2019	17/07/2019	258	42

session on 'Cancer and its Prevention					

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
• Use of energy efficient LEDs for lighting in the campus • Provision of master switch in all the classrooms, to enable to switching off of all ACs/ lights, at the end of class. • Nearly 1000kl of STP installed • Green Audit conducted by Garani Associates • Emphasis on development and preservation of Ecofriendly environment • Solar energy used for heating 2 lakh liters water daily in School of Engineering campus and hostels • Palletization of Kitchen wastes for biomass stoves as alternative to LPG • Undergraduate programme in Renewable Energy to provide qualified manpower who are both academically prepared and practically trained to satisfy the requirements of local industry with a special focus on power generation and renewable energy systems.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	**Yes/No**	**Number of beneficiaries**
Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Rest Rooms	Yes	2
Scribes for examination	Yes	2

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

2019	1	1	04/02/2019	1	Grameena Kreedegalu1	Effort to revive rural entertainment through games	124
2019	1	1	07/06/2019	1	Plantation Programme	Sites awareness of afforestation	52
2018	1	1	09/11/2018	1	Monument preservation camp at Rangasthal	Effort to restore Indian heritage	57
2019	1	1	02/01/2019	1	Oral Hygiene	Importance of dental health	40
2019	1	1	02/02/2019	1	Free Eye screening	Importance of eye and vision	150
2019	1	1	28/01/2019	1	Teaching rural children	Literacy drive	126

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

Title	Date of publication	Follow up(max 100 words)
Human values Professional ethics	01/06/2018	The University conducts regular programmes emphasizing on human values and professional ethics. There is a mandatory component mind management and human values in the mainstream syllabus in which the students have to compulsorily pass to get promoted in the end semester examinations.

Student Handbook	06/08/2018	The university has mandated for itself certain co revalues which are communicated to its stake holders from time to time. The core values which have been set for the various stakeholders are communicated through the handbook of the university. The core values are Ethics integrity, Imbibing scientific temper, environmental consciousness and sustainable development, promotion of Indian culture heritage, active citizenry, service to society and contribution towards national development. The handbook also lays down the general rules of discipline which defines discipline, security and safety of students, ragging and its ill effects, measures for prohibition of ragging, primitive measures and mandatory requirements for maintenance of decency and decorum within beyond the campus.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Value Enhancing Course for all UG programmes on Mind Management Human values	02/07/2018	10/10/2018	1300
Value Enhancing Course for all UG programmes on Mind Management Human values	15/11/2018	28/02/2019	1250

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

• All the campuses have provision for rain water harvesting. • The waste management drive was started at the campuses of University and awareness programmes were

conducted for the general public and schools. • The Community Radio Service of the University 'Radio Active' has organized a number of programmes pertaining to urban waste management. • Solid Waste Management is affected through collection, segregation, recycle and disposal in a safe manner. • Awareness programmes were conducted on collection of food waste, different kinds of waste, documentaries were screened on waste management. • Discussion of FAQ's on waste management and disposing sanitary waste were conducted. • Hazardous Waste Management is carried out regularly with the guidance of Radio Active the community radio station, NCC, NSS and Eco club. • Every campus has a pleasing ambiance with green plants. This not only enhances the aesthetics of the campuses but also helps in circulation of fresh air. School of Engineering and Technology has around 1100 trees. • Carbon and water foot print mapping exercise.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE – I RADIO ACTIVE CR 90.4 MHZ (COMMUNITY RADIO STATION) TITLE OF THE PRACTICE: SOCIAL OUTREACH THROUGH COMMUNITY ENGAGEMENT Objectives: • Engaging the community with sustained campaign • Aiming at enriching the lives of people • Involving the staff and students of the university to become a part of solutions to issues faced by the society Activities: • Weathering the Change planting of saplings and distribution of CFL in villages • Aashithru The Disability Show challenged individuals issues faced and provisions available for them / Right to Education Awareness programs • Making the City Cleaner sensitizing public and intensifying the crusade against waste management. • Training Programme for Scrap Dealers /Giving Voice to right based issues of Sexual Minorities • Animal Rights Stray Pals awareness of adoption • Solid Waste Management • Project Axshsya – Community gathering to create awareness on TB with domestic workers Contact person: Ms. Pinky Chandan Phone: 9845888686 BEST PRACTICE – II TITLE OF THE PRACTICE: ENTREPRENEURIAL DEVELOPMENT CRCE (CHENRAJ ROYCHAND CENTRE FOR ENTREPRENEURSHIP) Objectives: • To ensure economic betterment of communities through entrepreneurship. • To fund Young Aspiring Entrepreneurs to convert their ideas into an enterprise. • To institutionalize the spirit of entrepreneurship Divisions • Incubation Centre of CRCE • Technology Business Incubator (Jain University Incubation Centre) •

The Holding Company: JGI Ventures (P) Ltd. • Incubated
Companies Functions: • Physical and Technology Support •
Start up Support from Incubation Centre • Advisory
Support from Incubation Centre So far the University has
incubated 56 companies, 42 through CRCE and 14 through
Business Incubator (JUIC) Contact person: Dr.
N.V.H.Krishnan Phone: 9845218535 BEST PRACTICE III TITLE
OF THE PRACTICE: OUTBOUND LEARNING PROGRAMME (OBL)
Objectives: • To Provide opportunity to students for
experiential learning • To give confidence and high
esteem • To give openness to learning. • To assist
students to realize their potentials • To develop
intellectual abilities • To develop leadership
qualities. • To develop presence of mind, courage
stamina Activities • Whitewater rafting • Hillclimbing
and Nighttrek • Daytrek (long distance) • Cave
exploration • Rock climbing and Rappelling Contact
person: Col.Vijaya Sarthy Phone: 9845798577 BEST
PRACTICE – IV TITLE OF THE PRACTICE: SHORT, SILENT
EDUCATIONAL AND THEME BASED FILMS AND DOCUMENTARIES
Objectives: • To develop critical thinking skills such
as keen observation, nonjudgmental assessment,
comprehension, comparing, summarizing and interpreting •
To enable students to overcome stage fear and instill
the vitality of team work • To teach them the art of
communication / presentation and enhance their ability
of creative thinking. • To sow the seeds of Social
Change in the young minds and teach the students about
initiative and leadership qualities through group
activities. Activities: • Film analysis is as a group
activity and Critical viewing of short films • Analysis
coordination and crisp presentation • Observation of
characters expression and music • Intense focus,
thinking, team spirit and creativity So far about 30
films have been produced by Jain University Contact
person: Mr. Abhijit Shenoy Phone: 9880277490

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

https://www.jainuniversity.ac.in/pdf/Best-Practice-of-the-University.pdf

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

Chenraj Roychand Center for Entrepreneurship (CRCE) Jain
University is committed to nurturing excellence in

higher education, research, entrepreneurship and innovation. Jain University is doing pioneering work in Entrepreneurship Development and offers several programmes / schemes aimed at creating and moulding entrepreneurs and incubating business ventures. Chenraj Roychand Center for Entrepreneurship (CRCE) was established with a view to inculcating entrepreneurship skills in students and for incubation of business ventures, in line with the Jain University's mission of nurturing job providers rather than job seekers. Students are encouraged to ideate, formulate business plans and to operationalize startups. Students are provided rigorous training in entrepreneurship through a "21 step" process, supplemented by opportunities for investor pitches, participation in boot camps, mentoring and accelerator programs. Mentoring support is provided by domain experts. As many as 42 ventures have been incubated by CRCE. In addition Jain University has promoted a Technology Business Incubator in the name of Jain University Incubation Centre (incorporated as a section. 8 companies, as mandated by DST) with financial support from the Department of Science Technology, Govt. of India. Jain University Incubation Centre has incubated 14 technology business ventures already. Grants aggregating to approximately Rs.5 crores have been extended by DST towards seed support and accelerator programs aimed at Fin tech, IOT, Agri Tech and other technology intensive startups.

Provide the weblink of the institution
https://www.jainuniversity.ac.in

8.Future Plans of Actions for Next Academic Year

Jain University aims to instill socially responsible behavior in all its students besides institutionally perusing social responsibility as one of its goals and as an underpinning implementation strategy of its diverse capacity building activities. The overarching initiatives of its umbrella group in terms of excellence in rural education and increasing educational access to underserved areas serves as a strong cultural and motivational backdrop to the university's innovative programs such as community radio, counseling services, research and products on energy from waste, affordable water purification technologies, promotion of healthy youth and mind management training. As a goal in the near term, the university aims strengthen above activities and

will endeavor to further grow its socially integrating environment and ethos by catering to diversities in all aspects of its corpus and pursuits, through infrastructure excellence, IT enabled campuses and an eco friendly environment, with green audit conducted by independent body. In keeping with the demands of the environment, university will endeavor to increase choices to the students and provide them with exposure to diverse disciplines (natural and social sciences and humanities) to increase abilities to understand complex problems in the real world and also human behavior. A strategic approach to research based on support to the seven dedicated research schools established in the university, efforts towards their recognition as centres of excellence, growth of peer reviewed and indexed publications, patenting and publishing inhouse journals of research will all augur well to accomplish goals set. Renewed efforts are to be made to attract and support research scholars, and researchers and faculty members through fellowships, scholarship made available from funding agencies. Also the aim is to deepen industrial engagement by proactively creating systems for increase of consultancy to industry, and actively promoting to increase internships so that students can gain sensitivity of needs of industry and choose their projects. The university endeavors to seek solutions to a growing number of problems through engagements with local, national and international communities and render support for inclusive development agenda. Though we made some beginning in this direction engaging faculty and students and some institutional mechanisms like community radio and counseling centres and increasing access to education of disadvantaged, burgeoning needs and challenges remain in a number of areas related to basic human needs and better quality of life. Our sense of social responsibility does not stop with just participation in those activities but to make it as our own way of life too. University plans to launch its First off campus at Kochi in 2019.