



Yearly Status Report - 2016-2017

Part A

Data of the Institution

1. Name of the Institution		ISLAMIC UNIVERSITY OF SCIENCE AND TECHNOLOGY
Name of the head of the Institution		Prof. Mushtaq Ahmad Siddiqi
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		01933247955
Mobile no.		9797211110
Registered Email		info@islamicuniversity.edu.in
Alternate Email		foziaqazi@gmail.com
Address		1-University Avenue, Awantipora, Pulwama, Pin-192122, Jammu and Kashmir
City/Town		Pulwama
State/UT		Jammu And Kashmir
Pincode		192122

2. Institutional Status					
University	State				
Type of Institution	Co-education				
Location	Semi-urban				
Financial Status	state				
Name of the IQAC co-ordinator/Director	Prof. Fozia S. Qazi				
Phone no/Alternate Phone no.	01933247265				
Mobile no.	9797797865				
Registered Email	foziaqazi@gmail.com				
Alternate Email	diqa@islamicuniversity.edu.in				
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)	https://iustlive.com/Downloads/DIOA/AOAR201516.pdf				
4. Whether Academic Calendar prepared during the year	Yes				
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.iustlive.com/Downloads/DIOA/AcadamicCalendar201617.pdf				
5. Accreditation Details					
				Validity	
Cycle	Grade	CGPA	Year of Accreditation	Period From	Period To
1	B	2.52	2015	15-Dec-2015	14-Nov-2020
6. Date of Establishment of IQAC	27-Oct-2011				
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	

Creation of DIQAUs for effective monitoring of curricular, Co-curricular and extra-curricular activities in accordance to the guidelines of UGC and NAAC	14-Feb-2017 365	4300
Constitution of Central Purchase Committee and Central Verification Committee	02-Nov-2017 1	4300
University fellowship for PhD scholars	11-Oct-2017 1	6
View File		

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
Institution	Plan Non plan	State Govt	2016 365	200500000
Institution	GDA	UGC	2016 365	39502000
View File				

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 :

1

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

1 Participation in National Institutional Ranking Framework (NIRF) 2. Participation in All India Survey on Higher Education (AISHE) 3 Recommended lowering of intake capacity in engineering for quality teaching purposes. 4

Creation of DIQAUS (To improve the proper documentation of departmental activities) 5. For promotion of research in university, scheme for providing faculty research grant has been implemented

[View File](#)

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
To move towards the globalisation of education system it was proposed that an International Student Cell should be created which will assist international students to know about university environment, courses offered and facilities available	Creation of an International Student Cell under process
To promote the research, it was resolved that new Centres for carrying out research in areas of Molecular Medicines, Kashmiri Language and Literature, and Philosophical Studies should be created	Creation of Research Centres in progress
To expand the academic base to cater to the needs and expectation of the society it was proposed that new course should be introduced keeping in view the local requirements and dynamic global scenario	B.A Hons English, B.Sc. Nursing, M Tech Food Technology were established
To make an ecofriendly and a sustainable campus it was proposed to establish a Biodiversity Park	Establishment of Biodiversity Park in progress
To facilitate the purchase of equipment and consumables it was proposed to constitute the Central Purchase Committee and Central Verification Committee	Establishment of Central Purchase Committee and Central Verification Committee
For research promotion in the institution it was proposed that research grants should be sanctioned to faculty members to develop the research aptitude for obtaining further funding form Govt funding agencies and to publish research papers in journals of international repute	Research Grant sanctioned to faculty members out of the University budget
To improve the proper documentation of departmental activities	Formation of Departmental DIQAUS

[View File](#)

14. Whether AQAR was placed before statutory body ?

No

<p>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</p>	<p>No</p>
<p>16. Whether institutional data submitted to AISHE:</p>	<p>Yes</p>
<p>Year of Submission</p>	<p>2017</p>
<p>Date of Submission</p>	<p>15-May-2017</p>
<p>17. Does the Institution have Management Information System ?</p>	<p>Yes</p>
<p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>	<p>The initiative of establishing Advanced Centre for Information Technology e Gov (ACIT e Gov) is to act like a partner, providing widespread information support system, technology driven academic administrative effectiveness and assistance in decision making with the aim to realize the strategic goals of Islamic University of Science Technology. The key aim of the Centre is to provide a computing environment for the university community capable of meeting the challenges posed by the unprecedented requirements of the university. It is a central assumption that these needs can best be met by harnessing distributed computing power storage capacity efficiently and transparently. Information and Communication Technology (ICT) is a very helpful tool for providing good governance to the University and its associated institutions that brings promising change in their working. The objective of introducing the ICT is to provide the University with a fully integrated management system that will allow it to deliver support the highest quality educational services to its student population, utilize resources in most optimum manner and support the regulating authorities in carrying out the timely decisions. This initiative will promote and aid in the transformation standardization of University wide administrative processes as well as centralize standardize data storage throughout the institution. E GOVERNANCE e Governance is the application of information communication technologies to transform</p>

the efficiency, effectiveness, transparency and accountability of informational transactional exchanges within the system and to empower all the stakeholders through access use of information. ACIT e Gov. proposes University e Governance initiative to harness the power of ICT platform for its vision. The "e" in e Governance stands for 'electronic'. Thus, e Governance is basically associated with carrying out the functions and achieving the results of governance through the utilization of what has today come to be known as ICT (Information and Communications Technology). ICT facilitates efficient storing and retrieval of data, instantaneous transmission and processing of information, taking decisions expeditiously and judiciously, increasing transparency and enforcing accountability than the earlier manual systems. It also helps in increasing the reach both geographically and demographically.

ROLES OF THE ACIT eGov. a) To carry out the analysis of information flow, organizational structures and administrative academic activities. On the basis of the university requirements, design coordinate the projects for the University and to participate in the realization of the projects. b) To solve the problem of governance by introducing the "conception of Computerization of Administration (e Governance)" c) To provide technical and system support for the creation of effective University Information System. d) To coordinate the development of the University Information System, information system operations and to provide project based and operational support to users of information systems in the University offices, faculties and other component parts of the university. e) To create a backbone computer network for the University coordinate the connection to higher level networks (National and International) and make the lower level networks more efficient

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
BTech	B.Tech_CE	Civil Engineering	12/01/2017
MA	MA_ENG	English Language & Literature	12/01/2017
BA	BA_ENG	B.A Hons English	24/03/2017
MA	MA_IR	International Relations	24/03/2017
BBA	BBA	Business Administration	24/03/2017
MBA	MBA	Business Administration	26/04/2017
MBA	MBA_IB	International Business	26/04/2017
MSc	Msc_CHM	Chemistry	26/04/2017
BTech	B.Tech_FT	Food Technology	21/09/2017
MSc	Msc_PHY	Physics	21/09/2017

[View File](#)

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	Food Technology	21/09/2017	1. In plant training, project report, seminar and group discussions , BFT-811P 2. Dairy Technology , BFT-515/612, 3. Meat. Fish and Poultryl Technology, BFT-711 T/P, 4.Fruit and Vegetable Technology, BFT-713 T/P , 5. Bakery Technology, BFT-712 T/P	21/09/2017
MSc	Chemistry	12/01/2017	Project and Dissertation PCH-CC-405	12/01/2017
MSc	Physics	12/01/2017	Computational Physics, PHY-	12/01/2017

			DCE-103	
MBA	Business Administration	26/04/2017	1. Brand management/MBA-DE-504, 2. Manpower Development for Technological Change/MBA-DE-601, 3. INTERNET PROGRAMMING AND E-Commerce/MBA-DE-701	26/04/2017
BBA	Business Administration	26/04/2017	1. Personal Selling & selling force Management/BBA-DE-014, 2. Research methods in business/BBA-DE-011, 3. AGRIBUSINESS MANAGEMENT/BBA-DE-001, 4. ENTREPRENEURIAL DEVELOPMENT /BBA-CC-403 , 5. COMMUNICATION SKILLS/BBA-FC-104	26/04/2017
MA (Journalism)	Journalism & Mass Communication	24/03/2017	(JMC-18,29,30)	24/03/2017
BA	English (Hons)	24/03/2017	Subsidiary Course IRSBA-01, IRSBA-02, IRSBA-03, IRSBA-04	24/03/2017
View File				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MA	Economics	10/06/2017
Mtech	Food Technology	10/06/2017
BSc Nursing	Nursing	05/11/2016
BA	BA Hons English	10/06/2017
View File		

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	FT, CSE,EE, ECE, CE, ME	01/08/2017
MA	Arabic, Islamic studies, English, International Relations	01/08/2016
MA (Journalism)	Journalism	01/08/2016
BSc Nursing	Nursing	01/08/2017
BSc	AFM	01/08/2016
BA	English	01/08/2016
MBA	MBA, MBA-IB, IMBA	01/08/2016
MCA	MCA, MSc.IT	01/08/2016
MSc	Information Technology	01/08/2016
MStat	MSc_ST	01/08/2016

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
JK Tourism Project (MBA-3405)	24/06/2017	17
Sustainable Development (SBS-OE-20)	26/04/2017	44
Tourism management (SBS-OE-12)	26/04/2017	44
Agri Business Management (SBS-OE-05)	26/04/2017	17
Work Life Balance (SBS-OE-12)	26/04/2017	49
Drugs Chemotherapy	12/01/2017	33
Computational Physics	12/01/2017	22
Human Resource Management	01/08/2017	70
Industrial Economics	01/08/2017	80
Financial Derivatives	01/08/2017	25
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MCA	Computer Sciences (MCA)	20
BTech	Civil Engineering	128
BTech	Electronics & Communication Engineering	120
MBA	Business Administration	95
MBA	MBA- International	34

Business		
BTech	Electrical Engineering	103
MBA	Business Administration (J&K Tourism)	34
MA (Journalism)	Journalism & Mass Communication	29
BTech	Computer Science Engineering	120
BTech	Food Technology	70
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	No
Parents	No

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

Feedback Obtained
<p>The University solicits and receives feedback from all stake holders both formally as well as informally. The feedback is received at both the departmental level as well as the highest administrative level. The issues raised range from minor things like bus fees, exam postponement and campus facilities to quality of teaching resources and academic programs. The employee feedback is used to device strategy and take steps in improving the working conditions and facilities for the employees as well as creating opportunities for their upward growth. IQAC has been instrumental in this regard in ensuring that there is a formal mechanism for students to submit their grievances, and that growth opportunities for employees are created. The creation of a Student Grievance Cell and implementation of CAS scheme have been a hallmark in this regard. When it comes to student feedback, one of the key issues that concerns the University is the quality of teaching in various programs. Student feedback in this regard has been invaluable in assessing faculty strengths or weaknesses and taking necessary corrective measures. The feedback of parents, alumni and other University visitors from industry or academia, though mostly informal in nature, is also key in ensuring that the programs we offer are as per the latest academic standards and meet the needs of the industry whenever applicable. This is the reason that we hold Board of Studies meetings regularly in every school of study.</p>

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
BBA	Business Administration	60	324	64

BA	English (Hons)	40	141	41
BTech	Food Technology	60	240	64
BTech	E&C, EE, CSE, ME, CE	420	1378	400
BSc	Nursing	80	1542	80
BSc	Actuarial & Financial Mathematics	30	49	21
MA	Arabic Language & Literature	45	78	45
MA	Journalism & Mass Communication	25	79	24
MA	Islamic Studies	45	200	45
MA	International Relations	25	74	21
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
2016	2303	764	0	0	193

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
193	160	5	26	4	5

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

The University has an advisory system through which every student is assigned an adviser who mentors the students regularly. There is also University wide counselling held at the beginning of the academic year for freshers in which the students are made aware of the various student support systems services available in addition to academic support. Also other advises related to carrier and future prospectus is also conducted regularly. There is also GATE, ACET coaching done for students. Mental health counselling is also done in addition to sexual harassment, and anti ragging to make the campus safe for students

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3067	193	1:16

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
225	193	32	118	65

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
2017	Assif Assad	Assistant Professor	AICTE QIP Fellowship
2017	Shazia Yousuf	Assistant Professor	NFI Fellowship
2016	Dr Basharat Nabi Dar	Assistant Professor	Raman Post Doctoral Fellowship
2016	Dr Basharat Nabi Dar	Assistant Professor	UGC Research Award

[View File](#)

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
BTech	B.Tech_FT	8th	02/08/2016	02/08/2017
BTech	B.Tech_CSE	8th	10/08/2016	31/08/2016
BTech	B.Tech_ECE	8th	09/08/2016	10/08/2016
BTech	B.Tech_CE	8th	09/08/2016	10/08/2016
BTech	B.Tech_EE	8th	08/08/2016	10/08/2016
BBA	BBA	6th	01/08/2016	09/08/2016
BSc	B.Sc_AFM	6th	28/06/2016	29/06/2016
MA	MA_ARB	4th	10/12/2016	20/12/2016
MA	MA_IS	4th	12/02/2017	16/02/2017
MBA	MBA	4th	29/10/2016	07/11/2016

[View File](#)

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
334	4007	8.34

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://www.iustlive.com/Index/Programsoffered.aspx>

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
FT	BTech	Food Technology	65	64	98.46
CSE	BTech	Computer Science Engineering	100	89	89
ECE	BTech	Electronic & Communication Engg	99	94	94.95
CE	BTech	Civil Engineering	135	98	72.59
EE	BTech	Electrical Engineering	64	64	100
BBA	BBA	Business Administration	60	42	70
AFM	BSc	Actuarial & Financial Mathematics	24	17	70.83
ARB	MA	Arabic Language & Literature	40	37	92.50
ISD	MA	Islamic Studies	45	45	100
MBA	MBA	Business Administration	76	73	96.50

[View File](#)

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)

['nil'](#)

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
International	Dr Basharat Nabi Dar	Raman Post Doctoral Fellowship	31/10/2016	UGC

National	Dr Basharat Nabi Dar	UGC Research Award	31/08/2016	UGC
National	Assif Assad	Fellowship	31/08/2017	AICTE
National	Shazia Yousuf	Fellowship	31/08/2017	National Foundation of India
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
JRF	5	DEPARTMENT OF BIOTECHNOLOGY (DBT)
View File		

3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	Ministry of Food Processing Industries- MOFPI	15	15
Major Projects	1826	MHRD, Government of India	100	0
Major Projects	730	Department of Biotechnology	46	46
Major Projects	1095	Ministry of Food processing Industries (MOFPI)	386	386
Major Projects	730	University Grants Commission (UGC)	25	25
Major Projects	1825	Department of Science Technology	35	35
Major Projects	1235	Science Engineering Research Board (SERB)	32	32
Major Projects	1095	University Grants Commission- UGC	13.9	13.9
Major Projects	1095	University Grants Commission- UGC	8.6	0
View File				

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Workshop on Design, Thinking (Innovation Frontiers-I)	Design Innovation Centre, IUST	26/07/2017
View File		

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
UGC Research Award	Dr Basharat Nabi Dar	UGC	02/08/2016	Food Science
View File				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	NIL	NIL	NIL	NIL	01/08/2016
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Nil	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Department of Food Technology	2	0.0
International	Department of Food Technology	7	2.29
International	Department of Computer Science and Engineering	17	0.70
International	Department of Physics	6	2.03
International	Department of Chemistry	4	4.27
International	Centre for International Relations	1	7.01
International	Department of English Language Literature	1	3.02
International	Department of Computer Science	5	0.60

International	Rinchen Shah Centre for West Himalayan Culture	3	0.00
International	Department of Electronics Communication and Engineering	3	1.18
View File			

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
Department of English Language and Literature	7
Department of Management Studies	10
Department of Computer Science and Engineering	13
Department of Electronics Communication and Engineering	5
Department of Islamic Studies	1
Department of Compute Science	1
Rinchan Shah Centre for West Himalayan Culture	2
View File	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
NA	Published	0	01/08/2016
No file uploaded.			

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
Physical, milling, cooking, and pasting characteristics of different rice varieties grown in the valley of Kashmir India	Tanveer Ahmad Rath er, Mudasir Ahmad Malik Aamir Hussian Dar	Cogent Food Agriculture	2016	5	Islamic University of Science and Technology	5
Structural	Tawheed	Internatio	2017	5	Islamic	5

Properties of High-protein, Low Glycemic Index (GI) Rice Flour	Amin, H. R. Naik, Syed Zameer Hussain, A. H. Rather, Imtiyaz Murtaza Basharat Nabi Dar	Journal of Food Properties			University of Science and Technology	
Influence of processing on physicochemical and antioxidant properties of apricot (Prunus armeniaca L. variety Narmo)	S.M. Wani, Umayya Riyaz, Touseef Ahmed Wani, Mukhtar Ahmad, Adil Gani, F.A. Masoodi, Basharat Nabi Dar, Amreen Nazir S.A.Mir	Cogent Food Agriculture	2016	7	Islamic University of Science and Technology	7
Length-Biased Weighted Lomax Distribution: Statistical Properties and Application	Afaq Ahmad, S. P. Ahmad, A. Ahmed	Pakistan Journal of Statistics Operation Research	2016	7	Islamic University of Science and Technology	7
Physicochemical and textural properties of yogurt fortified with psyllium (Plantago ovate) husk	Suman Vikas Bhat, Aamir Manan Deva, Tawheed Amin	Journal of Food Processing and Preservation	2017	10	Islamic University of Science and Technology	10
Interaction between amphiphilic antidepressant drug nortryptiline hydrochloride	Ummer Farooq, Anwar Ali, Rajan Patel, Nisar Ahmad Malik	Journal of Molecular Liquids	2017	13	Islamic University of Science and Technology	13

de and conventional cationic surfactants :A physico chemical study						
Self-aggregation of ionic liquid-cationic surfactant mixed micelles in water and in diethylene glycol-water mixtures: Conductometric, tensiometric, and spectroscopic studies	Ummer Farooq , Anwar Ali , Rajan Patel , Nisar Ahmad Malik	Journal of Molecular Liquids	2017	14	Islamic University of Science and Technology	14
Effect of storage period on physiochemical, total phenolic content and antioxidant properties of bran enriched snacks	Basharat Nabi Dar, Savita Sharma and Gulzar Ahmad Nayik	Journal of Food Measurement and Characterization	2016	16	Islamic University of Science and Technology	16
A Compendious Study of Online Payment Systems: Past Developments, Present Impact, and Future Considerations	Burhan-ul-Islam, Rashidah F. Olanrewaju, Asifa Mehraj Baba, Adil Ahmad Langoo, Shahul Assad	(IJACSA) International Journal of Advanced Computer Science and Applications	2017	26	Islamic University of Science and Technology	26
Evaluation of functional	S.D. Pardhi, Baljit	Journal of the Saudi Society of	2016	36	Islamic University of Science	36

properties of extruded snacks developed from brown rice grits by using response surface methodology	Singh, Gulzar Ahmad Nayik Basharat Nabi Dar	Agricultural Sciences			and Technology
---	---	-----------------------	--	--	----------------

[View File](#)

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
An efficient use of moments ratios of scrambling variables in a randomized response technique	Housila P. Singh Tanveer A. Tarray	Communication in Statistics Theory-Methods	2016	52	0	Islamic University of Science and Technology
A modified optimal orthogonal new additive model	Housila P. Singh Tanveer A. Tarray	Communication in Statistics-Theory and Methods	2016	52	0	Islamic University of Science and Technology
Centrality Dependence of the Particle Yield and Their Ratios in RHIC Experiments	Inam-ul Bashir	Journal of Experimental and Theoretical Physics	2017	54	0	Islamic University of Science and Technology
Self-aggregation of ionic liquid-cationic surfactant mixed micelles in water and in diethylene glycol-water	Ummer Farooq , Anwar Ali , Rajan Patel , Nisar Ahmad Malik	Journal of Molecular Liquids	2017	96	14	Islamic University of Science and Technology

er mixtures: Conductometric, tensiometric, and spectroscopic studies						
Interaction between amphiphilic antidepressant drug nortryptiline hydrochloride and conventional cationic surfactants :A physicochemical study	Ummer Farooq , Anwar Ali , Rajan Patel , Nisar Ahmad Malik	Journal of Molecular Liquids	2017	96	13	Islamic University of Science and Technology
Strength and sorption capacity modulation of carboxy methylcellulose hydrogels in presence of ester-bonded gemini surfactants	Aabid H. Shalla, Tauseef A. Rangreez, Masood Ah. Rizvi, Zahid Yaseen, Kabir-ud-din	Journal of Molecular Liquids	2017	96	3	Islamic University of Science and Technology
Anharmonic vibrational and electronic spectral study of 2-amino-4-hydroxy-6-methylpyrimidine: A combined experimental (FTIR, FT-Raman, UV-Vis) and theoretical (DFT, MP2) approach	Mohd Faizan, Sheeraz Ahmad Bhat, Mohammad Jane Alam, Ziya Afroz, Shabbir Ahmad	Journal of Molecular Structure	2017	98	4	Islamic University of Science and Technology

Structural , vibrational and NMR spectroscopic investigations of newly synthesized 3-((ethylthio)(4-nitrophenyl)methyl)-1H-indole.	Sheeraz Ahmad Bhat, Ajaz A. Dar, Shabir Ahmad, Abu T. Khan	Journal of Molecular Structure	2017	98	1	Islamic University of Science and Technology
Thin film growth of multiferroic La _{0.8} Bi _{0.2} Fe _{0.7} Mn _{0.3} O ₃ on LaNiO ₃ using RF sputtering and its characterization	G. Anjum, Farooq Hussain Bhat, Ravi Kumar	Materials Letters	2016	135	2	Islamic University of Science and Technology
Centrality and system size dependence of meson production at RHIC	Inam-ul Bashir, Saeed Uddin	Europhysics Letters (EPL)	2017	150	0	Islamic University of Science and Technology

[View File](#)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	26	45	11	0
Presented papers	22	15	0	0
Resource persons	4	8	0	0

[View File](#)

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)
Nil	Nil	Nil	0

No file uploaded.

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
Nil	Nil	Nil	0	0
No file uploaded.				

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
Workshop and Peace Building	Islamic University of Science Technology	6	18
Workshop cum Intraction Session	Department of JMC, Islamic University of Science Technology	6	16
Blood Donation Camp	Islamic University of Science Technology	16	84
Spoken Tutorial program	Islamic University of Science Technology	60	0
Spring Youth Festival	University of Kashmir	0	2
International Nursing Day	Islamic University of Science Technology	10	200
View File			

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Nil	Nil	Nil	0
No file uploaded.			

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
Blood Donation Camp	Islamic University of Science Technology	Blood Donation Camp	16	84
Sports Day	Islamic University of	Sports Day Cum Facilitation	0	150

	Science Technology	Ceremony		
Trekking program	Islamic University of Science Technology	Trekking program - Boys	2	35
Trekking program	Islamic University of Science Technology	Trekking program - Girls	3	40
International Nursing Day	Nursing Colleges, Islamic University of Science Technology	Islamic University of Science Technology	10	200
Spring Youth Festival	University of Kashmir	Youth Festival	0	2
View File				

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 with Delhi University	10	Self Financed	45
Online classes Shiv Nadar University	25	Self Financed	180
View File			

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
Online Classes	Online Classes	Shiv Nadar University	01/08/2016	30/12/2016	25
Student Internships	Student Internships	Delhi University	01/08/2016	30/12/2016	10
Internship/ Project Work	B-Tech CSE, CE and MBA	JK Bank, HDFC Bank, Kashmir Box, JK Tourism, Blue Star, JKPDC, NHPC, JKRB, Sphere 4 Geeks Srinagar,	02/01/2017	28/02/2017	171

Futuresol Technologies,
BSNL,
Jetking
Jammu, CETPA
Noida, Net
Hub Delhi,
JK Bank, Bit
Map Rajbagh,
NIELET
Srinagar,
CMC,
Computer
Wizard
Srinagar

[View File](#)

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
All India Management Association	01/07/2016	Admission Test for BBA, MBA, MBAIB	2789
All India Management Association	01/07/2017	Admission Test for IMBA, MBA, MBAIB	782
MOU of the University Centre with Munshi Aziz Bhat Museum, Kargil	02/11/2016	Student Exchange	1

[View File](#)

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
2517.91	870.58

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased	Existing

during the year (rs. in lakhs)	
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Software for University Libraries (SOUL)	Fully	2.0	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	31287	13184309	2049	2010119	33336	15194428
Journals	0	0	62	257000	62	257000
e-Journals	0	0	4000	1	4000	1
View File						

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	01/08/2016
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	700	10	3	2	2	0	1	1000	0
Added	300	4	0	0	0	0	1	0	0
Total	1000	14	3	2	2	0	2	1000	0

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

1000 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
--	--

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 incurred on maintenance of physical facilities
680.01	355.97	51.57	48.98

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)

The University ensures best possible allocation and utilization of the available financial resources for maintenance and repairs of different facilities by arranging regular meetings of stakeholders from all departments and sub-committees constituted for this purpose and using the funds received and allocated by the University as per the needs in the interest of students. ?

Laboratory: The University is equipped with 67 state of the art laboratories with modern infrastructure. Documentation and record of physical assets created by the department through University funding is maintained by laboratory technicians, Lab In charge under the supervision of concerned Head of the department. Annual Maintenance Contract (AMC) is signed between the concerned departments and the supplier/manufacturer for the calibration, repairing and maintenance of sophisticated laboratory equipment. The calibration and repairing is done by technical experts from manufacturer under AMC's. ?

Library: - The requisition and list of textbooks/references is taken from the concerned departments with HOD's consent. The finalized list of required textbooks and references is duly approved and signed by the Chief Librarian and the Registrar. Continuous feedback/suggestions are sought from the readers in the library and their continuous feedback/suggestions are reviewed and new ideas regarding library improvement are implemented. To ensure return of the books loaned Bar Code Technology is used and 'no dues certificate' from the library is mandatory for students and teachers. All these activities are carried out by the team of library professionals under the supervision of Chief Librarian. The browsing centre which is housed in the library is Internet and Wi-Fi enabled. The library has REMOTE X 247 ACCESS wherein a registered user can have access irrespective of geographical location. Library has facilities like SOUL, INTERLIBRARY LOAN, DELNET, INFLIBNET, access to NDLI (National Digital Library of India), e-Journals (5000) and eBooks. ?

Sports: - Directorate of sports looks after the maintenance of sports equipment and facilities at the University. University has a Gymnasium, Basketball court, Volleyball court, Football ground, Cricket ground. The documentation and records like purchases and maintenance of equipment pertaining to sports are maintained in the directorate of Sports. The University teams are very much active in participation at national level competitions and have got laurels to the University at national level in some sports activities. Special program about self-defence is run for female students of the University. ?

Computers: - A Centralized computer laboratory is established in the University to enrich the students. In-house built software UMS (University management system) is used for maintaining faculty and student's record. Each Department is having a departmental computer lab with Internet facilities and UPS support to meet the needs of students and faculty. The campus is Internet and WIFI Enabled and many tools like Oracle, XyLab, Network Simulator, and MATLAB are available. ?

Classrooms: - The University follows centralized system for distribution of 96 Classrooms available. The University has one committee (member from each department) which looks for maintenance and upkeep of infrastructure. At the

departmental level, HODs submit their requirements to the Central Purchasing Committee regarding

<https://www.iustlive.com/Downloads/DIQA/PoliciesDIQA1517.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	Tuition Fee Waiver (TFW)	10	328400
Financial Support from Other Sources			
a) National	Not Available (merit Cum Means , Direct Benefit Transfer- DBT)	0	0
b) International	Nil	0	0
View File			

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Acturial Career Counselling at IUST and outside colleges	01/03/2017	30	Department of Mathematical Sciences
English Language Lab 1. Sky Pronunciation Suite 2. Connected Speech 3. Business Writing 4. Study Skills 5. Issues in English 6. Author Plus Pro 7. English Pro 8. Active Listening in English	01/08/2016	320	Department of English Language Literature, IUST
View File			

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 passed in the comp. exam	Number of students placed
2016	Nil	0	0	0	0
No file uploaded.					

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
16	16	30

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Allonline Softech Pvt Ltd, Talented ge a partner of Experis IT, Surya Wires Pvt Ltd Under UDAAN,	406	82	Experis IT	25	10
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2016	144	M.A. Arabic B. Tech Civil Engineering M.A. Islamic Studies M.A. Journalism Mass Communication B.Tech Electrical Engineering B.Tech Food Technology B.Tech Computer Science Engineering	Department of Arabic Language Literature Department of Civil Engineering Department of Islamic Studies Department of Journalism Mass Communication Department of Electrical Engineering Department of Food Technology Department of Computer Science	IUST, Awantipora BGSBU, Rajori Khawaja Moinuddin Chisti Urdu Arab-Pharsi University Lucknow NIT Srinagar MDU Rohtak Al-Falah University Kurukshetar University Jamia Millia Islamia Delhi University of Kashmir Aligarh Muslim University University of	Ph. D M. Tech M.Phil. M.Sc.
View File					

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	4
SET	2
GATE	27
Any Other	2
View File	

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

Activity	Level	Number of Participants
Inter Departmental Foot Sol (7-A Side) at IUST Ground	University	112
Tracking Girls conducted at Gulmarg	University	40
Tracking Boys conducted at Gulmarg	University	35
North Indian Students Parliament (NISP)	State	3
North Zone Inter University Basketball (Women)	National	15
North Zone Inter University Basketball (Men)	National	15
North Zone Inter University Football (Men)	National	20
1st State University Football Tournament	State	20
A-Division Football League	State	20
Sports Day Cum Facilitation Ceremony	University	150
View File		

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
2016	Nil	National	0	0	0	Nil
No file uploaded.						

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

The students of "Students Council Committee" has produced a representation of

the office of the Dean of Students in which it was mentioned that the program/event "Young Achievers" may kindly be conducted and the same was approved and conducted by getting involved with Dr. Syed Aabid Rashid, Deputy Commissioner of Pulwama who interacted with these budding entrepreneurs of the University and enlightened the students about the various Govt. schemes under the different entitlement of Govt. offices/Departments for the betterment of the student community. The event was conducted in the month of July 2019 and was grand success by providing an opportunity to the students to acquire the administrative skill of the different aspects of the life as well.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Nil

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.The Departments/Centers in the University have the academic autonomy to design their own academic courses and plan other co/extra-curricular activities which are implemented after approval of the Competent Authority. Every Department has an Academic Coordinator and an Examination Coordinator who plan the Academic and Examination schedules of the Department / Center and work for their smooth execution in accordance with the Academic Calendar. The Departments/ Centers also have a fair degree of financial autonomy whereby they can spend the funds as per their own requirement within the allocated budget. The estimates are prepared by the Departments which are finalized by the University in consultation with the Departments. 2.The principle of participative management is followed and all major decisions are taken in consultations with Departmental Heads/Representatives. The management, whenever situations demand, calls for the faculty meeting which is often chaired by the Vice Chancellor himself and attended by Deans, Heads of the Departments and officers to discuss the issue and prepare a collective response.

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
Curriculum Development	Regular Board of Studies meetings of the Departments have been held to review and revise the syllabi of

different courses depending on the requirements/necessity of the present times and in order to acquaint students with diverse fields of knowledge, the basket of open elective courses has been augmented in the curricula . Representatives from the industrialists have been placed on the Departmental Board of studies to gain industry insights and equip our students with skills commensurate with the market needs.

Teaching and Learning

The faculty is encouraged to continuously improve their skills and knowledge by sponsoring them for various faculty development programmes/ courses. The University also has a Quality Improvement Programme (QIP) in place for improving the faculty qualifications under which faculty is allowed to pursue higher education on full salary. The University has an interactive learning centric teaching mechanism. Choice based credit system (CBCS) is followed giving the students choice to choose from a vast basket of electives. Advisory system is also in place wherein each student is assigned an advisor who acts as a mentor of the students and advises them in academic/ personal matters. The academic performance of a student is monitored through continuous evaluation system by utilizing presentations/ seminars and other informative tools.

Examination and Evaluation

The University has adopted the choice based credit system. The objective of the examination system of Islamic University of Science and Technology is to expose students to continuous evaluation rather than focus only at term end examination. The system ensures that the students develop the ability to study regularly and extra ordinary workload towards the need of the semester is avoided. It inculcates the habit of punctuality and hard work among the students and reduces the percentage of failure in the examination. As it divides courses of study into smaller units which can be cleared by the students during the semester. The system also put onus on the student to perform consistently and not study in sporadic manner. The system encourages assignment based learning thereby helping create the

	ability to solve practical problems.
Research and Development	Frequent Board of Studies.Regular updation of syllabus in tune with market and industry demands.
Library, ICT and Physical Infrastructure / Instrumentation	The Library is centrally located in the main Campus with a total seating capacity of 150 readers. Currently Library stacks its lending book collection in a specious hall and reference collection with Browsing Centre on the first floor. The Library has a total collection of 38000 plus books and subscribes to 67 Peer-Reviewed journals from 37 publishers of international repute. Currently, the Library offers access (RemoteXs) facility to assess e-resources. The Library uses SOUL 2.0 software for automation of its operations and services, maintains Web OPAC and its members of Developing Library Network (DELNET), INFLIBNET of UGC and National Digital Library of India (NDL). The Library also maintains Book-Bank facility and Career-Corner-Service for its users.
Human Resource Management	Staff trainings, workshops, refresher/Orientation courses. Mental Health Counselling Program
Industry Interaction / Collaboration	IUST established Industry Institute Interaction Cell. Signing of MoU
Admission of Students	The University has developed in house an online portal for admissions to different programmes for the convenience of the students. For admission to Technical/ Professional courses like B. Tech and Management courses, tests conducted by national level bodies like CBSE (JEE) and AIMA are considered. Weightage is also given to the academic merit for granting admissions. In order to improve the quality of candidates applying for various programmes, a minimum percentage (varying from 45 to 50) for qualifying exams has been fixed. Wide publicity regarding admissions is provided across all media forms having reach even to the far flung areas for the information of the applicants/students. All information pertaining to admissions is made available in the University prospectus which is available online along with other departmental information highlighting the programme details,

career prospectus, fee structure and selection criteria. The University has also instituted Tuition Fee waiver scheme whereby students with good academic merit but a weak financial background are exempted from paying tuition fee for the whole course. Other students with modest financial backgrounds are allowed to deposit fee in instalments.

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

E-governance area	Details
Examination	Besides strengthening the existing procedures new facilities of degree certificate generation and printing were developed. Windows for offline awards were also developed for result generation including revised results. Certificate printing on offline servers were introduced. Logins to department office assistants were developed for downloading the attendance sheets for the conduct of the examination.
Student Admission and Support	The admission portal was updated with the latest information for new admissions. Major change with respect to fee submission was made by implementing the payment gateway in addition to the offline fee payment mode. Online facility for applying and submitting fee for waiting candidates was also facilitated. SMS service was also introduced during the year. Online facilities for students to apply for the transport and hostel were developed wherein the students can online apply for transport and hostel facilities.
Finance and Accounts	The student fee collection was augmented by introducing the online payment gateway for fee collection. Facilities like day close for account maintenance were also developed. Windows for pending dues list from both registered and new admissions student were also developed.
Administration	4) Recruitment. Facilities like merit list generation were introduced. Reports for screening and verification were also developed. Windows for marks entry from screening committee/interview were also developed for the generation of the merit lists. 6) Establishment. Personal profile maintenance was developed. The employee can now update his own profile by

himself. Further windows for collection of data like academic details, dependent details, publications, books, journal etc were developed and deployed in the personal profile.

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
2017	B.N.Dar	Food Institute of Food Technologists	0	150000
2017	Mr. Zahoor Ahmad	Training workshop for faculty mentorand at PEC chandigharl	0	2500
2016	Farooq Hussain Bhat	International Conference on Superconductivity and Magnetism (ICSM) held in April at Fethiye, Turkey, 2016	0	150000
2017	Rayes Ahmad Lone	One-Week ISTE STTP for Coordinators on Electric Power System	0	17560
2017	Mr. Zahoor Ahmad	Cyber communication security law at IUST	0	1000
2017	Mr. Zahoor Ahmad	Electrical Power System at IUST	0	1000
2017	Dr. Sheikh Jamiel Ali	3-Day 6th International Risala I Nur Conference on the theme of "The Role of Positive action in building a Better world: The Perspective of the Risala I Nur" by Gawhati University Assam India in	0	12000

		Collaboration with the Istanbul Foundation for Science		
2017	Shazana Andrabi	Gender New Wars	0	75460
2017	Mr. Zahoor Ahmad	Scientific and Technical documentation using LATEX at NIT Srinagar	0	2000
2017	Assif Assad	Attended one day workshop on "Stochastic Modelling and Optimal Control of Engineering Systems" at IIT Roorkee	0	5000
View File				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	Total station and allied software.	-	20/03/2017	20/03/2017	21	3
2017	International Workshop on Cyber Communication: Security and Laws	-	08/05/2017	08/05/2017	40	5
2017	Innovative Frontiers II	-	26/07/2017	26/07/2017	16	4
2017	Spoken Tutorial Awareness Programme	-	07/04/2017	07/04/2017	100	5
View File						

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	Number of teachers	From Date	To date	Duration
--------------	--------------------	-----------	---------	----------

professional development programme	who attended			
Orientation Programme	1	16/05/2017	12/06/2017	26
Food Biotechnology (Faculty of Science /Life Science/Medicine /Biology/Allied Subjects	1	31/01/2017	20/02/2017	21
Power System Design and Analysis using DigSILENT power factory software	1	15/03/2017	17/03/2017	3
Network Simulation and Related Technologies using NetSIM software	1	22/03/2017	24/03/2017	3
Big Data Analytics	1	10/03/2017	20/03/2017	10
Short Term Course on STAAD Pro	1	20/02/2017	24/02/2017	5
Advances in Structural Engineering	1	20/02/2017	24/02/2017	5
Special Summer school refresher course	3	20/07/2017	09/08/2017	20
Total station and allied software.	21	17/03/2017	17/03/2017	1
Cyber Communication, Security and Laws	62	08/05/2017	08/05/2017	1
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	118	1	4

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
----------	--------------	----------

<p>1. Health Center available in the University campus. 2. Bus facility 3. Supernumerary Seats (admission) for the children of University employees in every UG PG programme offered by the University 4. Full Paid Study leaves for permanent faculty 5. Hostel facility for faculty 6. Banking Facility. 7. Leaves as per the state rules. 8. Pension/NPS and insurance schemes</p>	<p>1. Health center available in the University campus. 2. Bus facility 3. Supernumerary Seats (admission) for the children of University employees in every UG PG programme offered by the University 4. Banking Facility. 5. Leaves as per the state rules. 6. Pension/NPS and insurance schemes</p>	<p>1. Health Centre available in the University campus. 2. Bus facility 3. Hostel facility 4. Banking Facility. 5. Financial Aid for meritorious but destitute students 6. Scholarship/Fellowship 7. Career Counselling Sessions 8. Mental health counselling 8. Interactions with prominent academicians/entrepreneurs</p>
---	--	---

6.4 – Financial Management and Resource Mobilization

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

The University has consultant Internal Audit in place who conducts regular internal Audits. Also external Audit (Statutory Audit) is conducted by a reputed CA Firm chosen in a transparent manner.

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
NIL	0	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

151074220

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	NA	No	NA
Administrative	Yes	Financial Audit done by A Gupta And Associates (CA Firm)	No	NA

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

University has established two constituent colleges having Internal Autonomy (Academic and Administrative)

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

Nil

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

1. Health Checkup 2. Staff Development Training Program. 3. Women Empowerment Program.

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

1. Formation of Departmental IQACU. 2. Introduced New Programs. 3. Carrier Advancement initiatives. 4. Friendly Campus for Physically Challenged.

6.5.6 – Internal Quality Assurance System Details

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

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
2016	Creation of International Student Cell under process	07/12/2016	07/12/2016	07/12/2016	20
2016	Research Grant Sanctioned to faculty members out of the University budget	07/12/2016	07/12/2016	07/12/2016	20
2017	Reconstitution of IQAC Cell	07/12/2016	16/06/2017	16/06/2017	20

[View File](#)

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
Indian Women and Mathematics	06/03/2017	06/03/2017	32	48

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

1. 60 percent of our power requirement is met by the solar power generated on campus in summer months and 30 percent in winter months. 2. Plantation drive is held in the campus on the onset of every spring. 3. The campus has been declared polythene free campus. 4. Waste de-segregation and recycling is also done actively.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	100
Provision for lift	Yes	100
Ramp/Rails	Yes	100
Rest Rooms	Yes	500
Scribes for examination	Yes	1
Special skill development for differently abled students	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2017	1	1	22/05/2017	2	Peace Builder	Peace	30
2017	1	1	24/05/2017	1	Blood Donation	Availability of Blood	100

[View File](#)

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

Title	Date of publication	Follow up(max 100 words)
STATUTES	01/08/2016	Nil
Prospectus	01/08/2016	Distributed among all fresh students and includes rules and regulations on credit system, semester system, fee structure, learning and IT resources, course information including electives, library system, student services, examination rules, research opportunities, disciplinary boundaries and campus facilities among other things.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Moral and Spiritual Studies	01/07/2016	31/03/2017	574

[View File](#)

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

1. Plastic free campus drive
2. Plantation Drive held in the University Campus
3. Cleanliness drive
4. Use of non-disposable items drive within the IUST Campus.
5. Solar Park

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

P-I : Research grant for faculty members

1. Objectives. The objective of the practice is to give boost to the Research activities within the University as seed grant is very critical for investigator initially for just starting out a research career. Being a new University with most of its faculty young and fresh, this practice was aimed to familiarize them with the RD activities in the University, develop infrastructure accordingly and thus prepare them to develop quality projects for funding by various funding agencies within the country besides enhance their contribution to good publications.
2. The Context- that required the initiation of the practice. The University was been established in 2005 and it the academic programmes started in the year 2006. Since the University had to lay a strong foundation of Research development in its formative years, and to survive in a highly competitive environment, it became imperative that the young faculty is encouraged and avenues provided to them to develop a culture of Research, Innovation and Creativity in the University. Besides, in order to get a good rating from accrediting agencies of the country, the Research portfolio of the University in general and that of the faculty in particular demanded that a good Research infrastructure and subsequent research activity in the University.
3. The Practice. The University, mobilizing its internal resources, earmarked Research grants for the faculty having M-Tech or PhD degrees to support research projects within the University. The grants were to be sanctioned to a maximum of Rs 3 Lakhs per project. The objectives of the practice was that each funded project shall give rise to a publication in an internationally reputed journal (with good impact factor) or a book published by a reputed publishing house or a policy document which would be accepted by the State Govt. or any other agency for implementation. Further, it will develop a research aptitude and generate preliminary results before submitting proposals to external agencies. In case any faculty member wouldn't meet the requisite objectives, it would be deemed as the failure of the project and such a faculty member would be barred from receiving any research grants for a period of three years. There would be a mid-term assessment of the projects and the next installment of the sanctioned grants would only be released after the Project Evaluation committee is satisfied with the progress of the project work.
4. Problems encountered and resources/strategies adopted to overcome them. The main problems faced during the implementation of the projects is the frequent disturbances in the valley. The researchers are trying their level best to overcome the issue by putting in extra efforts and time.
5. Impact of the Practice/evidence of successes. The practice has been quite effective which is evidenced by the faculty response. Good project proposals having potential for further support by external funding agencies were received and accordingly sanctioned. The practice is likely to benefit more faculty members as many of them have shown keen interest in the policy.

P-II: DESIGN INNOVATION CENTRE (DIC)

1. Objectives. Design Innovation Centre at Islamic University of Science Technology (DIC@IUST) was established in 2015 as a spoke of Design Innovation Centre, University of Delhi, under the MHRD hub-and-spoke scheme of National Initiative for setting up of Design Innovation Centres. The objective was to promote a culture of innovation and creative problem solving, to serve as a place that imparts design-based education and practice, and to create an ecosystem facilitating students and faculty to take their innovative ideas from labs to market.
2. The Context- that required the initiation of the practice. Innovation is the cornerstone of

sustained economic growth and prosperity (Kelley, 2001). It is the using of new ideas that lead to the making of any new products, services or processes or to think of new ways to add value to an existing process or product. Innovation requires creative thinking, not only in inventing something new and important, but also in getting it out into the market. Creative intelligence can be fostered and improved with proper training (Kelley Kelley, 2013). Creativity and innovation is also required in solving problems, problems of technological, economic and even political and social natures (Dweck, 2006).

3. The Practice. A state-of-the-art innovation lab having Computer aided design, 3D printing and scanning, Electronic design and verification, Laser cutting facilities etc., was established. A number of elective courses, certificate courses, short-term training programs, workshops, internships, and fellowships in design thinking, innovation, and new technologies like 3D printing were offered to students across educational domains and institutions. Hundreds of students directly benefited through these activities. Student driven design innovation in products and processes was encouraged and funded in areas like Mechatronics, Embedded systems and education. The focus was on solving local problems through innovative technological interventions, examples of such products included: wearable wrist band with vibro-tactile feedback for visually impaired, an assistive Haptic device for refinement of motor skills in children with learning disabilities, Low cost energy saving Kashmiri hypocaust (underfloor heating system) etc. Efforts were made to create an eco-system for start-up incubation. Technological start-up ideas were reviewed and given preliminary support by working with the Entrepreneurship Development Cell (EDC) of the University.

4. Problems encountered and resources/strategies adopted to overcome them. Given the fact that the work and activities of DIC were voluntary in nature, a major challenge encountered was to actively involve the students and faculty to participate, both as organizers and as audience. This was overcome by giving a hassle-free access to facilities within DIC, by actively meeting faculty and students and talking to them about the activities of the center and its benefits and by publishing attractive posters disseminating information about DIC and its activities in the campus and in print media.

5. Impact of the Practice/evidence of successes. Many bright and interested students enrolled in DIC for electives and certificate courses. Workshops attracted large number of interested students and faculty, who not only attended as trainees but helped in organisation and logistics. Students took up challenging local problems as part of their mandatory undergraduate project work, and many students became interested in entrepreneurship. An example of the kind of projects undertaken by students in DIC is the Situational Awareness and Alarming system for the Hearing Impaired (SAAHI). In 2016, a team of students visited the Zaiba Aapa School of inclusive education (A school for specially abled students) and observed that completely deaf students could not use hearing aids and hence were oblivious to dangers in their vicinity. After a brain storming session the team came up with a solution to develop a wearable device which could sense environmental sounds of variable loudness and provide a vibro-tactile feedback to the user. The device was developed, and a patent for the technology was filed.

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

<https://www.iustlive.com/Index/DIQABestPractices201617.aspx>

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

Our Design Innovation Center (DIC) has been involved in establishing an innovation laboratory with state-of-the-art facilities. Hardware and software,

especially towards realizing product design, has been put in place. Students and faculty have a hassle free access to such facilities for realizing their innovative projects and ideas. Right from its inception, DIC has been funding student ideas that are innovative and are especially aimed at solving societal problems. Consequently, we have been successful, to some extent, in encouraging our students to apply their academic knowledge to solve technical challenges with direct social impact. In the process we hope to nurture and produce a technically skilled, conscientious and courageous human resource. We have initiated Winter Innovation Award (WIN), Grand Challenges in Design, Summer Internship programs amongst others, to encourage students to go beyond the traditional academic experience and work collaboratively on ingenious design projects aimed at developing creative solutions for the real world. This is all in line with the University's vision to use technological education as a tool to prepare our students to be innovative thinkers with a deep sense of their social responsibilities.

Provide the weblink of the institution

<https://dic-iust.webnode.com/>

8.Future Plans of Actions for Next Academic Year

1. Introduction of Ph.D Programmes The University plans to introduce research programmes (Ph.D) from 2017 in the departments wherein supervisors and other resources for starting research are available. 2. Introduction of M. Tech Food Technology Considering the industrial demand for food technologists and the potential that food processing industry has viz a viz its impetus to the rural economy, the University plans to introduce M. Tech. Programme in Food Technology from the academic session,2017. 3. Introduction of Postgraduate programme in Economics Keeping in view, the need for good and sound economists, a full time 2-year postgraduate programme in Economics is planned to be introduced from the 2017 academic session. The introduction of the Economics programme is also aimed to augment the School of Business Studies. 4. Introduction of B. A. in English In order to provide excellent learning prospects at the undergraduate level and to give specialized training in English literature coupled with the flexibility to study subsidiary courses from across the School of Humanities and Social Sciences, the University plans to introduce B. A. (Hons) in English from the academic session, 2017 5. Revised intake capacity of various Programmes To improve the student input quality intake shall be revised in a phased manner from the academic session, 2017