



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	<b>AMITY UNIVERSITY</b>
Name of the head of the Institution	<b>Dr Balvinder Shukla</b>
Designation	<b>Vice Chancellor</b>
Does the Institution function from own campus	<b>Yes</b>
Phone no/Alternate Phone no.	<b>0120-4392251</b>
Mobile no.	<b>9810199453</b>
Registered Email	<b>vcauup@amity.edu</b>
Alternate Email	<b>bshukla@amity.edu</b>
Address	<b>Amity University Campus, Sector - 125, Distt. Gautam Budh Nagar</b>
City/Town	<b>Noida</b>

State/UT	Uttar pradesh
Pincode	201313
<b>2. Institutional Status</b>	
University	Private
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Brig. Om Prakash (Retd.)
Phone no/Alternate Phone no.	01204392560
Mobile no.	9971603443
Registered Email	oparkash@amity.edu
Alternate Email	qaemail@amity.edu
<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="http://auup.amity.edu/Committee-University-IQAC.aspx">http://auup.amity.edu/Committee-University-IQAC.aspx</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	<a href="http://auup.amity.edu/NaaCFiles/0d69304f-9c4a-4f6a-aa67-e99872bb843d.pdf">http://auup.amity.edu/NaaCFiles/0d69304f-9c4a-4f6a-aa67-e99872bb843d.pdf</a>
<b>5. Accrediation Details</b>	

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.13	2012	21-Apr-2012	20-Apr-2017
2	A+	3.27	2018	02-Nov-2018	01-Nov-2023

## 6. Date of Establishment of IQAC

22-May-2007

## 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
Performance review meeting of outsourced agencies vendor providing housekeeping services to AUUP	25-Apr-2019 1	25
Deliberation on using Digitized system for Project Management of sponsored projects	29-Apr-2019 1	94
Faculty development Programme on Innovation in Teaching-Learning Process & Research	24-May-2019 8	143
Prepared action plan for Digitalisation and automation of Evaluation System	06-Jul-2018 1	10
Participated in Institutional Swachhta Ranking- 2018 of Higher Education Institutions conducted by MHRD GOI.	17-Sep-2018 1	25
Workshop on National Programme on technology Enhanced Learning (NPTEL)	04-Feb-2019 1	282
Integration of Disruptive Technologies into curriculum through	27-Mar-	524

Workshop/Panel Discussion on	2019 3	
Workshop on online Outcome Assessment	30-Mar- 2019 1	287
Workshop on Mapping of parameters of Accreditation & Ranking with NAAC Criteria for Annual Academic Planning 2019-20	12-Apr- 2019 1	64

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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
IMMSCR	FIST	DST	2018 1825	13450000

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

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

2

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

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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)

a) Review of Strategic Planning (201722) and Board Based Goal of the University with Annual Academic Planning. b) Structured Audits for preparing all the Institutions for NAAC Reaccreditation 2nd Cycle. c) Conducted 25 AAA/Surgical audits including Support Offices as per guidelines of NAAC, QAA, WASC under the direction of Apex Management. d) Review meeting to formalize strategies for deficiencies of faculty (30 Aug 2018) e) Formation of Policies in respect of the following aspects of Swachh Campus initiatives are to be framed for the university: (i) Hygiene and Sanitation (ii) Waste Management (iii) Water Conservation (iv) Students Activities to Environmental Sustainability (v) Greening (vi) Energy Conservation

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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
Benchmarking of Curriculum: During the audits conducted by IQAC/QAE, the gaps on benchmarking were observed. The Institutions have taken action on the gap and ensure that the curriculum is benchmarked with top institutions in their discipline.	All the Institutions have benchmarked their curriculum with top National and International Universities/Institutions. The documentation of benchmarking process was put up before the Board of Studies.
Performance analysis of students: The analysis was carried out identifying weak students, slow learners, and students with special needs and provide them necessary support including enhanced interaction with faculty to	Success record of weak students created in intranet and Mentors, Programme Leaders and HOIs are able to view the progress of their Mentees on the Amity intranet i.e. Amizone. The Mentors are constantly interacting with their Mentees and regularly meet them and guide them to improve their academic performance and skills.

improve student success rate.	
Integrating requirement of industry 4.0 in the curriculum: Conducting workshop for faculty members of all campuses and ensure 100% domain coordinators, stream coordinators, chief course coordinators and faculty members have attended the workshop at appropriate level (university, campus, domain and institution level) as per the requirements of industry 4.0	Six (6) workshops were conducted to discuss the requirement of industry 4.0. Participants were from all campuses, members from Faculty of Studies between 27-29 March 2019.
Review of Strategic Planning (2017-22) and Broad Based Goals for Academic Year (2017-18) and Annual Academic Planning (2018-19)	The University had developed the Five Year Strategic Planning document 2017-22, identifying ten Broad Based Goals (BBG) covering strategic initiatives, action steps and measures. The achievements of each BBG are reviewed every year and the targets not achieved are carried forward. The BBGs of the year 2017-18 were reviewed in the year 2018-19. Out of 86 targets set for 2017-22, the following targets were achieved in the year 2018-19: (a) The intellectual capital has been enhanced as per the policy of the University, only Ph.D faculties from reputed institutions/university are recruited. (b) The Amity Centre of Entrepreneurship (ACED) conducts various workshops, conferences and competition to encourage the students for start-ups and entrepreneurship. The targets which were not yet achieved have been carried forward till they are closed/achieved.
Internalization of Quality	- Institutional IQAC meetings are conducted every month. - Effectiveness of IQAC meetings are monitored regularly. - Regular audits are conducted through IQAC. - The audits is aligned with the requirements of Academic and Administrative audit as per the guidelines of NAAC. - The audit check lists are based on quality criteria covering the aspects of NAAC, NIRF, ISO 9001, ISO 14001, ISO

	18001 - The inputs of Management Review Meetings are included in University IQAC meetings.
Develop culture of continuous improvement across university campuses	The gaps observed during the audits, visits and checks are shared with all concerned. The concerned institutions/departments prepare their action plan with time frame which are verified during confirmatory audits conducted by IQAC at all levels.
Conduct of Surgical audits in various institutions and departments for continuous improvements on the basis of AAA audit guidelines given by NAAC.	During the academic year 2018-19, 25 surgical (AAA) audits and 62 structured audits covering all institutions have been conducted. The reports of which were circulated and gaps were closed subsequently during the confirmatory audits.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Academic Council	01-Nov-2019

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

Yes

Date of Visit

12-Oct-2018

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

05-Apr-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

1. The following modules are used for Management Information System that allows AUUP to manage academic and academic administration activities through automation. This automation is used to collect, store, manage, analyse and interpret data of various processes by establishing trends and enable the System to benchmark the processes for continuous improvement: (a) Campus Management System (Amizone) (b) Finance and Accounting System (c) Purchase Inventory Management System (d) Human Resource Management System (e) Payroll System 2. Campus Management System (Amizone) Amizone (Amity Intranet Zone) is campus management system covering all academic and academic administration related processes from admissions to alumni. Features of Amizone include: (a) Admission Management System (b) Hostel Management System (c) Academic Administration: Enrollments, Registration and Re Registration (d) Academics: (i) Time Table and Attendance (j) Course Management, Session Plans (k) Learning Management System (l) Email accounts for students (m) Single Sign on with LMS (Learning management system - Black Board) (n) Faculty Feedback (o) Surveys and Quizzes (p) Dashboard (q) Calendar, Notices and events. (r) Exam Results (e) Convocation Registration System (f) Online Certificate Verification System (OCVS) (g) Alumni Portal (h) Digitized System for Project Management of sponsored projects. (i) Seven Criteria of NAAC 3. Finance and Accounting (FA) FA solution incorporates the entire set of FA processes for general ledger accounting, accounts payable, accounts receivable, taxation, fixed assets and costing, thus making everyday accounting easy. The different modules of the solution may be configured to suit your



requirements and are compliant with local regulations. Accounting refers to financial records of AUUP that registers all financial transactions and records to enable anyone to appraise the organizations current financial position with accuracy. Which is dived in two main parts: • Balance sheet • Income statement (profit and loss account) Overview of FA Solution Modules: For Education and Manufacturing verticals, iON FA integrates with Campus Management Solution (CMS), Procurement Inventory and Payroll solutions, such that any monetary transactions happening through these solutions are recorded without the user experiencing any issues. 4. Procurement and Inventory The processes supported by Procurement and Inventory are divided into the following categories: • Procure • Receive • Stock • Distribute • Quotation Management 5. Human Resource Management Solution (HRMS) ION Human Resource Management Solution (HRMS) simplifies and automates HR functions. ION HRMS is modeled on industry wide HR practices and comprises of HR processes that help utilize the full potential of the university's human resources. The solution covers the entire employee life cycle, from recruitment through various phases of resource management to talent retention and development. The automated HR functions in the ION HRMS solution help improve the operational efficiency, productivity, workforce management and utilization of HR personnel while reducing HR related administrative manual tasks, costs and paperwork. 6. Payroll solution The key features of ION Payroll Solution are: • Payroll Master Data Configuration: • Maintenance of Employee Information: • Payroll Processing: • Savings and

Investment Declaration: • Maintenance of  
Statutory Compliance:

## 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
BArch	10040	General	07/07/2018
BA	10062	Hons French	07/07/2018
BA	10506	Hons Insurance and Banking	07/07/2018
BBA	10146	Finance and Accounting	07/07/2018
BCom	10046	Hons	11/07/2018
BCA	10048	General	07/07/2018
BTech	10052	Computer Science and Engineering	07/07/2018
MBA	10019	General	11/07/2018
MSc	10002	Biotechnology	07/07/2018
Mtech	10372	Food Technology	07/07/2018

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##### 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
Mtech	Food Technology	12/07/2018	FOOD731 Bakery Confectionery and Convenience Products Technology	12/07/2018
MA	International Relation	12/07/2018	IRS707 Foreign Policy of Major Powers (USA, China & Russia)	12/07/2018

MA	Journalism & Mass Communicatio	12/07/2018	ADVT703 Print Media Marketing and Circulation	12/07/2018
BTech	Computer Science Engineering	12/07/2018	CSE314 Cloud Computing Practitioner	12/07/2018
BTech	Bioinformatics	12/07/2018	BIOF416 Big Data for Life Sciences	12/07/2018
BA	Hons French	12/07/2018	FREN304 Competences Langagieres a L'ecrit V	12/07/2018
BArch	General	02/07/2018	ARCH417 Architectural Journalism	02/07/2018
BCom	Hons	12/07/2018	FIBA321 Security Analysis	12/07/2018
MBA	General	12/07/2018	ENTR601 Entrepreneurship and New Venture Creation	12/07/2018
MSc	Biotechnology	12/07/2018	BIOT623 Biotechnology for Horticultural Crops	12/07/2018

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## 1.2 - Academic Flexibility

### 1.2.1 - New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BA	Hons Business Economics	06/08/2018
BSc	Hons Forestry	30/07/2018
BSc	Hons Agriculture	31/07/2018
BSc	Hons Nanoscience	23/07/2018
BSc	Hons Biochemistry	31/07/2018
MA	History	26/07/2018
MA	Public Administration	30/07/2018
MEdSplEd	Learning Disability	23/07/2018
BA	General	20/09/2018
BA	Acting	30/07/2018

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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
MSc	Environmental Sciences	30/07/2018
MA	History	26/07/2018
MA	Public Administration	30/07/2018
MEdSplEd	Learning Disability	23/07/2018
MSc	Marine Science	31/07/2018
MSc	Molecular Medicine	31/07/2018
Mtech	Thermal & Fluid Science	30/07/2018
MPhil	Anthropology	31/07/2018
Integrated (PG)	Bachelor of Arts and Master of Arts (Clinical Psychology)	12/07/2018
Integrated (PG)	BBA and MBA (International Business)	12/07/2018
Integrated (PG)	Bachelor of Business Administration + Master of Business Administration	12/07/2018
Integrated (PG)	Bachelor of Education + Master of Education. - Special Education (Intellectual Disability)	23/07/2018
Integrated (PG)	Bachelor of Technology (Computer Science & Engg.) + Master of Business Administration	12/07/2018
Integrated (PG)	Bachelor of Technology (Electronics & Communication Engg.) + Master of Business Administration	12/07/2018
Integrated (PG)	Bachelor of Technology (Mechanical Engineering) + Master of Business Administration	12/07/2018
Integrated (PG)	Bachelor of Technology (Aerospace Engg.) + Master of Technology (Avionics)	12/07/2018
Integrated (PG)	Bachelor of Technology (Mechanical Engineering) + Master of Technology (Automobile Engineering)	12/07/2018

Integrated (PG)	Bachelor of Technology + Master of Technology (Nanotechnology)	12/07/2018
Integrated (PG)	Bachelor of Technology + Master of Technology (Nuclear Science & Technology)	12/07/2018
Integrated (PG)	Bachelor of Technology and Master of Technology (Biotechnology)	12/07/2018
PG Diploma	Agricultural Biotechnology	04/12/2018
PG Diploma	Computational Biology	04/12/2018
PhD or DPhil	Climate Change & Ecological Studies	12/07/2018
BA	General	20/09/2018
BA	Acting	30/07/2018
BA	Hons (Business Economics)	06/08/2018
BSc	Hons (Forestry)	30/07/2018
BSc	Hons (Agriculture)	31/07/2018
BSc	Hons (Nanoscience)	23/07/2018
BSc	Hons (Biochemistry)	31/07/2018

### 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
BS401 Career Planning and Development	02/07/2018	898
BS201 Problem Solving and Creative Thinking	02/07/2018	5697
BS301 Group Dynamics and Team Building	02/07/2018	5236
BS601 Self Development and Interpersonal Skills	09/07/2018	3067
BC703 Business Etiquette and Protocol	17/12/2018	1059
BC201 Effective Written Communication	02/07/2018	5697
BS202 Values and Ethics for Personal and Professional Development	17/12/2018	5609

<b>BS205 Stress Management for Personal and Professional Well-being</b>	<b>17/12/2018</b>	<b>1904</b>
<b>BS602 Conflict Resolution and Management</b>	<b>17/12/2018</b>	<b>2581</b>
<b>BS701 Professional Competencies and Career Development</b>	<b>02/07/2018</b>	<b>2655</b>

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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
MBA	General	376
MBA	Marketing and Sales	154
Mtech	Biotechnology	21
Mtech	Computer Science & Engineering	15
LLM	General	132
BTech	Computer Science & Engineering	606
BBA	General	430
BA	Journalism & Mass Communication	336
BA LLB	Law	301
BCom	General	261

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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

Amity University Uttar Pradesh obtains the structured feedback from all the stakeholders including students, faculty, employers/industry, alumni, parents for review of curricular and enhancing of learning resource, infrastructure and sports facilities. The stakeholders' feedback has been collected in the systematic manner, either through University/ intranet at the given URL: <https://amizone.net/AdminAmizone/WebForms/naac/SHFATR.aspx?id6F1D3168-943D-4189-B572-8301A19BAE0E> or through email sent by the office of Research Planning and Statistical Services (RPSS) in the form of a questionnaire duly approved by IQAC. The collected feedback is analyzed and Action Taken Report is available on Amity Intranet Amizone and is also visible to concerned Deans, HOI's and other decisions makers to assess the strength and weakness of each programme and each course. The analysis of the feedback is used for the review of curriculum of the existing programme as well as introduced new programme/ new courses. As a result, during the academic year the feedback analysis has helped the institutions to carry out revision of 124 programmes and the introduction of new programmes and new courses across different Faculty of Studies including Engineering Technology, Bio Sciences Biotechnology, Science Technology, Arts Humanities Social Sciences and Journalism/ Mass Communication/ Media, Business Administration/ Commerce/ Management/ Finance, Education, Law, Applied Arts/ Fine Arts/ Performing Arts/Visual Arts, Architecture Planning Interior Design, Health Allied Sciences, Hotel Management/ Hospitality/Tourism/Travel, Agriculture Allied Disciplines Applied Arts/Fine Arts, Natural Resources Environmental Sciences. This has helped to strengthen the implementation of flexible choice based credit system where a student has the choice of selection from the basket of courses (Core, Domain electives, Open Electives, Outdoor Activity Based Courses, Skill Enhancement Courses, NPTEL, SWAYAM, MOOCs, Industry Led Courses, etc) as per their core area interest. During the academic year 2018-19, the Curriculum Enrichment is also achieved by the institutions through introducing Core Competency Skills based courses with the aim of not only contributing to the nation development but also to improve the employability level of students. In addition, the various syllabus of Value Added Courses (VAC) are reviewed to impart transferable and life skills as well as to provide students with multi-disciplinary skills. On the basis of feedback the institution has also introduced MOOC/NPTEL courses to enable the students to learn lessons on cutting edge technologies in their respective fields. Also increased emphasis is laid on introducing courses to impart cognitive skills, problem solving, professional skills through field projects, workshops, seminars and internships. In addition, on the basis of employer's feedback, courses are developed with the focus on sharpening communication leadership skills of students to part of competitive global business environment. Furthermore, to cater to identified specific needs of industry, new programmes are introduced in collaboration with industry.



## 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
MBA	Management	345	2285	343
MBA	Finance	120	854	127
MBA	Entrepreneurship	25	134	23
MBA	Human Resource	100	724	101
MBA	Marketing and Sales	140	778	146
MBA	Retail Management	5	29	5
MBA	Biotechnology Management	15	62	14
MSc	Biotechnology	80	392	87
MSc	Bioinformatics	10	31	6
Mtech	Biotechnology	30	194	35

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### 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	28179	7271	444	115	1382

### 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	Numberof smart classrooms	E-resources and techniques used
1941	1941	16	737	40	20

[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)

AUUP since inception has built a unique forum for the pursuit of knowledge, research and student progression. Mentoring is done for each student of AUUP through a 4 tier mentoring system and supported by one Buddy (Senior student). 1. Faculty - Monthly interaction 2. Parent - Regular interaction 3. Alumni - meet at least once a semester 4. Industry - meet at least once a semester It becomes the students endeavour to understand the intricacies of life both professionally and personally on these grooming platforms provided by Amity through the 4-Tier mentoring system and a robust Buddy System . A knowledgeable and well trained senior student is partnered with the fresher during his/her initial period of adjustment and transition in the University environment. Further the mentee is nurtured by the faculty mentor, corporate denizens as his/her Industry mentor , alumni mentor and parent mentor distinct from classroom pedagogy that leads to their overall development of professional competencies, human values, work ethics and spiritual values. Faculty Mentors encourage their mentee to live his/her passion through club/committees along with the academic support and nurture his/her potential. Mentors meet parents to understand their mentee as and when required. Mentoring System at AUUP has proven to be of great support in physical /mental /behavioural /personal and professional growth of the Mentee. Life skill development is the integral part of Mentoring process. Each Institution has one or more faculty designated as Mentoring Program Coordinator/s (MPC), who is responsible for assigning Faculty Mentors (FM) to each mentee. At the time of registration Mentee is given the name and contact details of FM. That FM becomes the academic parent of the Mentee till he/she graduates. FM is responsible for Mentee's Academic growth, Professional Development and Personal Development. Each FM has a group of 16 to 32 Mentees and a group meeting is fixed with the Faculty Mentor on first Thursday of every month. Session agenda is fixed by MPC with the approval of HOI. Faculty Mentor in discussion with Mentee group add the agenda at least 7 days before the meeting date. View of agenda is provided to all stakeholders for maximum outcome of the group meeting. Group MM session report is uploaded monthly on the University's intranet and Reports are available online. Nearly 2400 mentoring sessions have been conducted during the period 2018-19 which can be seen online month-wise. Mentoring success is determined by a variety of factors including reasons for selection, experience and skills of mentor and quality of relationships. The careful planning of mentoring includes preparation, training and ongoing support for both mentor and mentee addressing expectations, building rapport and logistics for likely future success and benefit due to this intervention. We have 35450 mentees and 1941 faculty mentors in 2018-19. At AUUP, we are very proud of this good practice and many aspiring early career academics have found suitable mentors to support them.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
35450	1941	1 : 18

## 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
1987	1941	46	221	1181

### 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	Prof. (Dr.) Balvinder Shukla	Vice Chancellor	The WOMENABLER Award 2018 by TiE, New Delhi.
2018	Dr Rajiv Pandey	Assistant Professor	Best innovative idea. Awarded Citation and cash award by DST, Ministry of science and technology during IISF
2018	Prof. (Dr) O.P. Sinha	Professor	"Guru Dronacharya Award" on teacher's day 2018 by Hon'ble Cabinet Minister Dr. Mahesh Sharma.
2018	Dr. V. Pooja	Professor	Bill and Melinda Gates Global health travel award amounting to 2,600 \$
2018	Dr. V. Pooja	Professor	BAYER-AG Crop Science award for Grants4tragets amounting to 5,900 Euros
2018	Prof. (Dr) Rachna Singh	Professor	NESA-Environmentalist Award
2018	Dr. Saikat Dutta	Associate Professor	Ramalingaswami Re-entry Fellowship (Under Ramalingaswami Re-Entry Fellowship and Ramanujan Fellowship)
2018	Dr. Biswajit Saha	Assistant Professor	Alexander von Humboldt foundation, Germany
2018	Dr. Sumant Upadhyay	Assistant Professor	INSA Visiting Scientist Programme 2019. Indian National Science Academy
2018	Dr. Subhanker Paul	Assistant Professor	Marie/Sklodowska Curie Actions Individual Fellowship. European Commission

[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
MBA	10019	1	12/12/2018	27/12/2018
MBA	10019	3	12/12/2018	27/12/2018
MBA	10021	1	12/12/2018	27/12/2018
MBA	10021	3	10/12/2018	24/12/2018
MBA	101107	1	10/12/2018	27/12/2018
MBA	101107	3	12/12/2018	24/12/2018
MBA	10023	1	12/12/2018	27/12/2018
MBA	10023	3	11/12/2018	24/12/2018
MBA	10022	1	12/12/2018	27/12/2018
MBA	10022	3	10/12/2018	24/12/2018

[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
1773	75966	2.33

**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)

<http://auup.amity.edu/OutcomeAssesmentPlan.aspx>

**2.6.2 - Pass percentage of students**

Programme	Programme	Programme	Number of students appeared in the	Number of students passed in	Pass

Code	Name	Specialization	final year examination	final year examination	Percentage
10019	MBA		388	373	96.13
10021	MBA	Entrepreneurship	17	14	82.35
101107	MBA	Finance	76	73	96.05
10023	MBA	Human Resource	102	95	93.14
10022	MBA	Marketing and Sales	154	140	90.91
10162	MBA	Retail Management	4	3	75.00
10790	BCom	Finance & Investment Analysis	21	21	100.00
10046	BCom	Hons.	306	276	90.20
10576	MCom		49	42	85.71
10828	MCom	Financial Management	12	12	100.00

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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)

[http://amizone.net/adminamizone/WebForms/naac/CRITERI\\_2\\_CURRICULARASPECTS.aspx?suid=0822E63F-E1F4-4467-BD46-97AA0558386C](http://amizone.net/adminamizone/WebForms/naac/CRITERI_2_CURRICULARASPECTS.aspx?suid=0822E63F-E1F4-4467-BD46-97AA0558386C)

## 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. V. Pooja	Global health travel award	01/07/2018	Bill and Melinda Gates foundation
International	Ms. Smita Srivastava	E-Teacher Scholarship Program	15/09/2018	U.S Department of State Regional English Language Office ( RELO) U.S Embassy
International	Mr. S.M.Kaunain Abidi	E-Teacher Scholarship Program	15/09/2018	U.S Department of State Regional English Language Office ( RELO) U.S Embassy
International	Ms. SUMITA MISHRA	ICTP SCHOLARSHIP	24/09/2018	International Centre for Theoretical Physics (ICTP), TRIESTE, Italy
International	Dr. Rakesh Kumar Panden	Post-Doctoral fellowship	17/10/2018	Cranfield University, UK
International	Deepak Tripathi	Travel Award	11/09/2018	The Abdus Salam International Centre for Theoretical Physics (ICTP) - the International Atomic Energy Agency (IAEA)
International	Sudeep Bose	Visiting scholar	01/12/2018	Chiba Institute of Technology
International	Dr. Saba Hasan	Post Doc Fellowship	08/12/2018	Hamad Medical Corp., Doha, Qatar
International	Prafull Singh	ERASMU PLUS Fellowship (Visiting Professor at the University of Salzburg, Austria)	23/06/2019	Education, Audiovisual and Culture Executive Agency (EACEA), Europe
International	Dr. Subhankar Paul	Marie/Sklodowska Curie Actions Individual Fellowship	05/06/2018	European Commission

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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	Funding Agency
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	<b>fellowship</b>	
Senior research Fellowship (1)	730	Central Council for Research in Unani Medicine (CCRUM)
Senior research Fellowship (1)	548	Ministry of Tribal Affairs
Ramanujan Fellowship (1)	1825	Department of Science and Technology (DST)
Ramalingaswami Fellowship (2)	1825	Department of Biotechnology (DBT)
INSPIRE Faculty (3)	1825	Department of Science and Technology (DST)
National Post Doctoral Fellow (1)	730	Science and Engineering Research Board (NPDF-SERB)
Senior research Fellowship (3)	1095	Indian Council of Medical Research (ICMR)
Senior research Fellowship (4)	730	Indian Council of Medical Research (ICMR)
Senior research Fellowship (4)	1095	Department of Biotechnology (DBT)
Senior research Fellowship (1)	1095	Council Of Scientific And Industrial Research (CSIR)

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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
Major Projects	1095	Department of Biotechnology (DBT)	7056733	3728318
Major Projects	1825	Department of Science Technology (DST) Inspire	7000000	2006349
Major Projects	1095	Central Pulp Paper Research Institute (CPPRI)	4275000	1125000
Major Projects	1095	Department of Biotechnology (DBT)	2919000	1386582
Major Projects	1095	Science and Engineering Research Board (SERB)	2895184	1018400

Major Projects	1095	Science and Engineering Research Board (SERB)	2636200	807139
Major Projects	1095	Science and Engineering Research Board (SERB)	2540560	1100000
Major Projects	1095	National Bank for Agriculture and Rural Development (NABARD)	2231000	401000

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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
Faculty Development Programme (FDP) on "Intellectual Property Rights and its Applications for India"	Amity Institute of Anthropology (AIA) /Amity Academic Staff College (AASC)	10/07/2018
Session on IPR Protection during One-day Professional Development Programme (PDP) on the topic Comprehending Teaching, Research and Governance Structure"	Amity Institute of International Studies (AIIS)/Amity Academic Staff College (AASC)	19/07/2018
"Innovations Disruptions in Tourism and Hospitality Business Processes: a Global Prospective" -Amity International Tourism and Hospitality Conference (AITHC - 2018)	Faculty of Hospitality and Tourism	25/09/2018
"Recent Innovations and Technological Developments in Food Science Technology"-2nd National Conference, AMIFOST-2018	Amity Institute of Food Technology (AIFT)	28/09/2018
Session on Industry Academia best practices during IT Connect 2018: Corporate Forum on Cyber Security and Cloud Computing	Amity School of Engineering and Technology (ASET)	25/10/2018
Session on IPR and its importance during International Conference on Entrepreneurship, Innovation and Leadership on the theme "Technology, Innovation, and Value Creation"	Amity University Uttar Pradesh (AUUP)	19/12/2018



Industry - Academia best practices during CEO FORUM	Amity International Business School (AIBS)	10/01/2019
Session on best practices adopted for academic excellence during International Conference on E-Governance and Education (ICEGE-2019) "Transforming Lives for E- Living"	Amity Institute of Education (AIE)	11/01/2019
Session on IPR during the training programme on "Traditional Medicine - Modern approaches for affordable and accessible healthcare"	Amity Institute of Training and Development(AITD)/ Amity Institute of Public Health(AIPH)	04/02/2019
"Industry-Academia Meet - Panel Discussion" during International Conference on 'Efficient Solar Power Generation and Energy Harvesting' (ESPGEH)	Amity Institute for Advanced Research and Studies (Materials Devices) (AIARS) / Amity Institute of Renewable and Alternative Energy (AIRAE)	12/02/2019

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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
Quality Appreciation Award	Amity University, Dubai	Business Excellence Department, United Arab Emirates	04/02/2019	Institution
Human Development Appreciation Award	Amity University, Dubai	Business Excellence Department, United Arab Emirates	04/02/2019	Institution
Forbes Middle East- Best Campus Award	Amity University, Dubai	Forbes Middle East	24/04/2019	Institution
Exemplary Contribution in Education Field	Prof. (Dr.) Balvinder Shukla	TiE, New Delhi	20/07/2018	Professor and Vice Chancellor
Leadership in Education	Prof. (Dr.) Balvinder Shukla	World HRD Congress	08/09/2018	Professor and Vice Chancellor



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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
Amity Centre for Entrepreneurship Development (ACED), Amity University, Noida	Princy Goel	Self	Enjos	Training	20/02/2019
Amity Centre for Entrepreneurship Development (ACED), Amity University, Noida	Shiv Suri	Self	Plan My Seen	Event Planning	15/07/2018
Amity Centre for Entrepreneurship Development (ACED), Amity University, Noida	Shruti	Self	TR Agro Reaserch	Agriculture	03/07/2018
Amity Centre for Entrepreneurship Development (ACED), Amity University, Noida	Knittanam Kaushik	Self	Eifnoxgrowth	App, Blog site	05/01/2019
Amity Centre for Entrepreneurship Development (ACED), Amity University, Noida	Harneet Singh Sethi	Self	Parfume Fait Maison	Perfume Manufacturing	14/01/2019
Amity Centre for Entrepreneurship Development (ACED), Amity University, Noida	Ali Khan	Self	Nkush 5 Star Modern Food	Mills/Food and Beverage	10/01/2019
Amity Centre for Entrepreneurship Development (ACED), Amity University, Noida	Chandresh	Self	Fashion Stylist	Fashion	04/08/2018
Amity Centre for Entrepreneurship Development (ACED), Amity University, Noida	Harsh Gupta	Self	Reverie Records	Music	02/09/2018
Amity Centre for Entrepreneurship Development (ACED), Amity University, Noida	Parth	Self	DIGIHOTSHOTS	Website	02/09/2018

Amity Centre for Entrepreneurship Development (ACED), Amity University, Noida	Yogesh	Self	Fashion Stylist	Fashion	05/09/2018
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### 3.4 - Research Publications and Awards

#### 3.4.1 - Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Amity Institute of Anthropology (AIA)	1
Amity Institute of Applied Sciences (AIAS)	2
Amity Institute of Biotechnology (AIB)	15
Amity Institute of Biotechnology (AIB), Lucknow	9
Amity Institute of Education (AIE)	2
Amity Institute of English Studies and Research (AIESR)	2
Amity Institute of Environmental Sciences (AIES)	2
Amity Institute of Food Technology (AIFT)	3
Amity Institute of Forensic Sciences (AIFS)	2
Amity Institute of Geo Informatics Remote Sensing (AIGIRS)	2
Amity Institute of Information Technology (AIIT)	9
Amity School of Engineering and Technology (ASET)	10
Amity School of Engineering and Technology (ASET), Lucknow	5
Amity School of Hospitality (ASH)	2
Amity School of Physical Education Sports Sciences (ASPES)	2
RICS School of Built Environment (RICS)	1
Amity Business School (ABS)	10
Amity Business School (ABS), Lucknow	1
Amity College of Commerce Finance (ACCF)	3
Amity Institute of Microbial Technology (AIMT)	5

Amity Institute of Nano Technology (AINT)	1
Amity Institute of Organic Agriculture (AIOA)	1
Amity Institute of Pharmacy (AIP)	1
Amity Institute of Pharmacy (AIP), Lucknow	1
Amity Institute of Psychology Allied Sciences (AIPS)	3
Amity Institute of Renewable and Alternative Energy (AIRAE)	1
Amity Institute of Social Sciences (AISS)	2
Amity Institute of Travel Tourism (AITT)	1
Amity Institute Of Virology Immunology (AIVI)	5
Amity International Business School (AIBS)	3
Amity Law School (ALS)	1
Amity School of Communication (ASCO)	7
Amity School of Economics (ASE)	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Amity Institute of Aerospace Engineering (AIAE)	1	2.2
International	Amity International Centre for Post Harvest Technology Cold Chain Management (AICPHTCCM)	3	2.07
International	Amity Institute of Microbial Technology (AIMT)	31	1.98
International	Amity Food Agriculture Foundation (AFAF)	8	1.92
International	Amity Institute of Forestry Wildlife (AIFW)	9	1.83
International	Amity Institute of Click Chemistry Research Studies (AICCRS)	4	9.57
International	Amity Institute of Molecular Medicine Stem Cell Research (AIMMSCR)	18	4.1
International	Amity center for Spintronic Materials (ACSM), Amity University	9	2.59

International	Amity Institute of Nano Technology (AINT)	77	2.45
International	Amity Center for Radiation Biology (ACRB)	4	2.25

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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
Amity Institute of Nano Technology (AINT)	14
Amity Institute of Behavioural Allied Sciences (AIBAS)	10
Amity Institute of International Studies (AIIS)	9
Amity School of Engineering and Technology (ASET)	542
Amity Institute of Information Technology (AIIT)	84
Amity University Uttar Pradesh (AUUP)	78
Amity Business School (ABS)	54
Amity Institute of Biotechnology (AIB)	26
Amity Institute of Applied Sciences (AIAS)	20
Amity Institute of Microbial Technology (AIMT)	18

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3.4.4 - Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Method for preparation of catalyst its activity and method for treatment of Textyle waste water - Granted, Patent Number :308928	Published	308928	11/03/2019
Cancer chemoprevention nutraceuticals and process for the preparation thereof - Granted (awaiting NBA approval -1019/DEL/2011)	Published	1019	26/04/2019
A Process and method for standardized extract of Withania somnifera and pharmaceutical uses thereof. - Granted, Patent Number :312354	Published	312354	07/05/2019

An Advanced Model for Secure Electronic Transaction (Patent No. 201711000187)	Published	11000187	06/07/2018
Cement-Nano Composite coated pebbels based water purification system for Microbial Decontamination - Granted: patent number 299463	Published	299463	30/07/2018
A sensor for Detecting. Air Leakage In Packed Items And Storage Plants - Granted: patent number 302253	Published	302253	16/10/2018
A method for preparation of andrographolide from Andrographis peniculata - Granted (awaiting NBA approval -1634/DEL/2009)	Published	1634	20/11/2018
A process for the preparation of 3-substituted-2-9phenyl ethyl chromones - Granted: patent number 304060	Published	304060	07/12/2018
A process for the synthesis of semiconducting metal oxide nanoparticles of controled size distribution - Granted, Patent Number :307614	Published	307614	19/02/2019
Process for imparting or enhancing electrical conductivity of polymer matrix with semiconductor nanoparticles - Granted, Patent Number :308947	Published	308947	11/03/2019

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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
Paper based DNA biosensor for detection of chikungunya virus using gold shells coated magnetic nanocubes	Singhal, C., Dubey, A., Mathur, A., Pundir, C.S., Narang, J.	Process Biochemistry	2018	4.52	Amity Institute of Biotechnology (AIB)	7

Multibody analysis of longitudinal train dynamics on the passenger ride performance due to brake application	Sharma, S.K.	Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics	2018	4.52	Amity Centre for Interdisciplinary Research (ACIR), Amity International Business School (AIBS)	6
Smart Farming - IoT in Agriculture	Dagar, R., Som, S., Khatri, S.K.	Proceedings of the International Conference on Inventive Research in Computing Applications, ICIRCA 2018	2018	4.52	Amity College of Commerce Finance (ACCF)	4
Implementation model of Wi-Fi based Smart Home System	Bhatnagar, H.V., Kumar, P., Rawat, S., Choudhury, T.	Proceedings on 2018 International Conference on Advances in Computing and Communication Engineering, ICACCE 2018	2018	4.52	Amity Institute of Forensic Sciences (AIFS)	4
Health Monitoring amp Management using IoT devices in a Cloud Based Framework	Sharma, A., Choudhury, T., Kumar, P.	Proceedings on 2018 International Conference on Advances in Computing and Communication Engineering, ICACCE 2018	2018	4.52	Amity Institute of Pharmacy (AIP)	4
Blockchain-the Technology of Crypto Currencies	Bhatia, R., Kumar, P., Bansal, S., Rawat, S.	Proceedings on 2018 International Conference on Advances in Computing and Communication	2018	4.52	Amity Institute of Biotechnology (AIB)	3

		Engineering, ICACCE 2018				
Interactive Voice Response using Sentiment Analysis in Automatic Speech Recognition Systems	Sehgal, R.R., Agarwal, S., Rai, G.	Proceedings on 2018 International Conference on Advances in Computing and Communication Engineering, ICACCE 2018	2018	4.52	Amity Institute of Forensic Sciences (AIFS)	3
An Internet of Things Based Smart Surveillance and Monitoring System using Arduino	Aditya, Sharma, M., Gupta, S.C.	Proceedings on 2018 International Conference on Advances in Computing and Communication Engineering, ICACCE 2018	2018	4.52	Amity School of Engineering and Technology (ASET)	3
A GA-QMR: Genetic algorithm oriented MANET QoS multicast routing	Singh, S., Koslia, M., Poonia, R.C.	Recent Patents on Computer Science	2018	4.52	Amity Institute of Advanced Research and Studies (Material Devices) [AIARS (MD)], Amity Institute of Biotechnology (AIB)	3
Parameter estimation of an inhomogeneous medium by scattered electromagnetic fields using nonlinear optics and wavelets	Khulbe, M., Parthasarathy, H., Tripathy, M.R.	Progress In Electromagnetics Research C	2018	4.52	Amity Institute of Biotechnology (AIB)	3



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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
Fusion reaction studies for the Li 6 Sn 124 system at near-barrier energies	Parkar V.V., Pandit S.K., Shrivastava A., Palit R., Mahata K., Jha V., Ramachandran K., Gupta S., Santra S., Sharma S.K., Upadhyaya S., Nag T.N., Bhattacharya S., Trivedi T., Kailas S.	Physical Review C	2018	173	3	Amity University Uttar Pradesh (AUUP)
Evolution of collectivity and evidence of octupole correlations in Br 73	Bhattacharya S., Trivedi T., Negi D., Singh R.P., Muralithar S., Palit R., Ragnarsson I., Nag S., Rajbanshi S., Raju M.K., Parkar V.V., Mohanto G., Kumar S., Choudhury D., Kumar R., Bhowmik R.K., Pancholi S.C., Jain A.K.	Physical Review C	2019	173	0	Amity University Uttar Pradesh (AUUP)
Hydrogen sulphide trapeze: Environmental stress amelioration and phytohormone crosstalk	Banerjee A., Tripathi D.K., Roychoudhury A.	Plant Physiology and Biochemistry	2018	22	12	Amity University Uttar Pradesh (AUUP)
Impact of spray drying over conventional surface adsorption technique for improvement in micromeritic	Kumar B., Garg V., Singh S., Pandey N.K., Bhatia A., Prakash T., Gulati M., Singh S.K.	Powder Technology	2018	22	9	Amity University Uttar



and biopharmaceutical characteristics of self-nanoemulsifying powder loaded with two lipophilic as well as gastrointestinal labile drugs						Pradesh (AUUP)
Effect of Ag Ion Implantation on SPR of Cu-C <sub>60</sub> Nanocomposite Thin Film	Sharma P., Singhal R., Vishnoi R., Agarwal D.C., Banerjee M.K., Chand S., Kanjilal D., Avasthi D.K.	Plasmonics	2018	22	7	Amity University Uttar Pradesh (AUUP)

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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	365	416	46	0
Presented papers	628	175	25	0
Resource persons	75	80	14	0

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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)
Amity Institute of Pharmacy (AIP)	Innovation and Entrepreneurship in AYUSH System of medicine	Jagat Pharma	75000
Amity Institute of Pharmacy (AIP)	Formulation of NCEs for Hair Oil	Dr. Wilmar Shwabe Pvt. Ltd.	150000

Directorate of Innovation and Technology Transfer (DITT), Amity University	Cosultancy regarding know how of Rootonics	Sai Bio organics	500000
Amity School of Hospitality (ASH)	Provided to Placio for improving the rooms and facility	Rental Stay Pvt. Ltd.	130000
Amity Institute of Pharmacy (AIP)	Innovation and Entrepreneurship in AYUSH System of medicine	Jagat Pharma	254238

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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
Amity Business School (ABS)	Residential training for Tata motor dealer works managers	TATA Motors Ltd	708750	26
Amity Business School (ABS)	Residential training for Tata motor dealer works managers	TATA Motors Ltd	1216875	26
Amity Business School (ABS)	Residential training for Tata motor dealer works managers	TATA Motors Ltd	708750	26
Amity Institute of Information Technology (AIIT)	Commercial Training Programme	TELANGANA ACADEMY FOR SKILL AND KNOWLEDGE ( DEPTT OF IT )	150000	20
Amity School of Communication (ASCO)	Commercial Training Programme	THINKTHROUGH CONSULTING PVT LTD	700000	40
Amity Institute of Biotechnology (AIB)	INDO AFRICAN TRAINING PROGRAMME	BIOTECH CONSORTIUM INDIA LTD	254237	180

Amity Institute of Information Technology (AIIT)	Commercial Training Programme	CISCO SYSTEMS INDIA PVT. LTD.	122034	30
Amity Business School (ABS)	Residential training for Tata motor dealer works managers	TATA Motors Ltd	1186875	26
Amity Business School (ABS)	Residential training for Tata motor dealer works managers	TATA Motors Ltd	708750	26
Amity Business School (ABS)	Residential training for Tata motor dealer works managers	TATA Motors Ltd	1186875	26

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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
Free Health Camp	Amity Institute of Molecular Medicine Stem Cell Research (AIMMSCR)/Shri Ram Singh Multi Specialty Hospital	2	150
'Adavitha - The Fund Raiser Event' for Under-privileged children	Amity Finishing School	2	5
"Dialectic Reflections on the Position of Women in the Twenty First Century India: A step towards Right to Equality"	Amity Law School Noida	3	15
The World Interfaith Harmony Week	Amity School of Communication (ASCO)/Abhigyane Foundation	5	150

One day Training Programme on Human Rights: Perspectives, Challenges and Strategies.	Amity Law School, Noida /National Human Rights Commission	5	15
Ayurveda Health Camp	Amity Institute of Education /Amity Institute of Psychology and Allied Sciences/ Amity Institute of Indian System of Medicine	10	300
VISUAL MADE VERBAL	AMITY INSTITUTE OF REHABILITATION SCIENCES, AUUP/ SAKSHAM TRUST Noida	3	120
World Mental Health Awareness Week	Amity Institute of Psychology and Allied Sciences (AIPS) /District Administration, Gautam Budh Nagar, Uttar Pradesh.	15	250
03 days Continuing Rehabilitation Education Program on 'Role of Creative Arts: Dance, Drama Music for Students with Disabilities	Amity Institute of Rehabilitation Sciences / Rehabilitation Council of India	3	150
One day Workshop on "Course Development for NIOS SWAYAM Platform"	Amity Institute of Education sponsored by National Institute of Open Schooling (Ministry of Human Resources and Development, Government of India)	3	50

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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
FoSTaC certification to Food Business Operators Handlers	Certificate of Recognition	Food Safety and Standards Authority of India (FSSAI), GoI	200
Skill development	Certificate of Recognition	Amity Humanity Foundation (AHF)/ Indraprastha Gas Limited	60

One-day Orientation Farmers Training programme on on Improved Cultivation of Medicinal Plants for income and employment	Certificate of Recognition	National Bank for Agriculture and Rural Development (NABARD)	45
Farmer training programme on "Production and Protection Technology on Wheat Mustard"	Certificate of Recognition	Indian council for agricultural research, IIWBR, Karnal	45
Contribution in open defecation free village under Swacchh Bharat Abhiyan Gramin	Certificate of Recognition	Gram Pradhan, Shri Jagvir Singh, Shahpur Khurd, Dadri, Gautam Buddh Nagar	50
Contribution in Jal Shakti Abhiyan at Gautam Buddh Nagar	Certificate of Recognition	District Panchayati Raj Officer, Gautam Buddh Nagar	10

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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
Environment awareness	Amity Institute of Environmental Science (AIES) /Amity Institute of Environmental Toxicology, Safety and Management (AIETSM)	Workshop on "Conserving Green Earth and Blue Oceans for Sustainability	4	180
Healthy lifestyle awareness	Amity Institute of Indian System of Medicine (AIISM) / Morarji Desai National Institute of Yoga	Common Yoga Protocol Pre-Session Programme	57	350
Farmer Training programme	Amity Centre for Agricultural Extension Services (ACAES) /	One-day Orientation programme on on Improved Cultivation of	3	5

	National Bank for Agriculture and Rural Development	Medicinal Plants for income and employment		
Farmer Training programme	Amity Centre for Agricultural Extension Services (ACAES)	"Production and Protection Technology on Wheat Mustard"	3	5
Gender sensitization	Amity Centre For Gender Justice and Child Rights (Amity Law School)	"Gaurvi" - A Revolutionary Step towards Community Outreach and Gender Awareness	4	35
Road safety awareness	Amity University, Uttar Pradesh / Suraksha Foundation / 'ATMA' NGO	Sadak Suraksha- Jeevan Raksha : A Road Safety Program	27	150
Skill development	Amity Humanity Foundation (AHF)/ Indraprastha Gas Limited	Teaching modern methods of sewing and stitching to women	6	10
Rehabilitation Education Program	Amity Institute of Rehabilitation Sciences / Rehabilitation Council of India	Positive Behaviour support for Children with Special Needs	6	25
Disability sensitization programme	Amity Institute of Rehabilitation Sciences	"Empowering Persons with Disabilities and Ensuring Inclusiveness and Equality"	15	22
Mental Health Awareness Program	Amity Institute of Psychology and Allied Sciences (AIPS) /District Administration, Gautam Budh Nagar, Uttar Pradesh.	"CALL FOR CARE TO ENHANCE SCHOOL MENTAL HEALTH"conducted for the Government School, Principals, Counsellors,Teachers for School Mental Health	42	180

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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
C-License Course	30	All India Football Federation (AIFF)	10

Special Education Practical Placement	10	Anant Centre for Learning and Development, Shaheed Jeet Singh Marg, New Delhi	60
Special Education Practical Placement	15	ASMITA Centre for Slow Learner and Mental Health Care	60
Training of Master Trainers	1085	India Post Payment Bank	20
Academic	7	Airforce Central Medical Establishment, New Delhi	60

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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
Dissertation	Capacity building	Helix Biogenesis Pvt. Ltd- Anshita Nagar- anshita.helix@gmail.com	17/12/2018	12/04/2019	1
Industry. Dissertation	Capacity building	Log9 Materials Pvt. Ltd.	18/01/2019	15/05/2019	2
Internship	Capacity building	TATA Technologies	01/07/2018	05/12/2019	150
Internship/Training	Capacity building	Atomic Minerals Directorate for Exploration and Research, Hyderabad	01/05/2018	31/05/2018	1
Internship/Training	Career Advancement	Bhabha Atomic Research Center, Mumbai	01/05/2018	31/05/2018	1
Internship/Training	Summer Project	Atomic Minerals Directorate for Exploration and Research, Hyderabad	01/06/2018	30/06/2018	2
Development of herbal cosmetics	Material Transfer Agreement	L'Oréal Group   World Leader in Beauty	11/12/2018	23/08/2019	1
Internship/Training	Practical Training/Project Work	Bhabha Atomic Research Center, Mumbai	11/02/2019	30/04/2019	1



school experience	School Internship	Greater Noida World School (GNWS)	16/07/2018	31/07/2018	80
Clinical Training	Block Posting of Clinical Psychology Trainees	Umeed Rehab Centre under AFCME	16/10/2018	31/12/2019	20

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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
Miles Education (Wiley)	01/07/2018	Training	15
TATA Motors Work Professional	01/07/2018	Training	60
TBS Mumbai	01/07/2018	Training	10
Tech Mahindra	01/07/2018	Industry - Academic Training	80
Enlight Life Science Pvt.Ltd. c/o AA Foundation	04/05/2018	Study of clinical trials of fortified chocolates	3
Morarji Desai National Institute of Yoga	05/06/2018	Academic courses and research	211
WSG, University of Economy	20/06/2018	a. Faculty Exchange, b. Student Exchange, c. Collaborative Projects, d. Scholarships, e. Exchange of information and	1



		<b>best practices in the area of : Curriculum Development, Research Conferences, Staff Exchange</b>	
<b>Providence University, Taiwan</b>	<b>07/12/2018</b>	<b>Joint Research</b>	<b>3</b>
<b>The University of Queensland</b>	<b>25/09/2018</b>	<b>a)Articulation of students between the two universities</b>	<b>4</b>
<b>La Trobe University</b>	<b>03/10/2018</b>	<b>To establish a Joint Centre for Eminence in Research, Education and Innovation Activities : Student Exchange</b>	<b>1</b>

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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
302350000	287960786

##### 4.1.2 - Details of augmentation in infrastructure facilities during the year

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

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## 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	Fully	16.05.11.000	2012

### 4.2.2 - Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	277384	1103	1992	29	279376	1132
Reference Books	62422	279	1343	26	63765	305
e-Books	250	4	0	0	250	4
Journals	237	12	1	4	238	16
e-Journals	7568	34	2502	0	10070	34
Digital Database	18	110	0	28	18	138
CD & Video	5217	0	663	0	5880	0

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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	Platform on which module is developed	Date of launching e-content
Gaurav Agarwal	Tourism Planning Policy	Adobe Creative	02/01/2018
Amit Chaudhary	Written Expression and Comprehension	Adobe Creative	02/01/2018
Huang TzuYun	Chinese Written Expression and Comprehension-II	Adobe Creative	02/01/2018
Sachit Paliwal	Corporate tax Planning	Adobe Creative	02/07/2018
Rahul Kumar Shukla	Interior Designing	Amizone	23/07/2018

Dr. Kapil Shanker Tiwari	Kitchen Stewarding	Amizone	23/07/2018
Prof. (Dr.) M Sajnani	Tourism as a Service Industry	MHRD, SWAYAM	02/10/2018
Ashutosh Sharma	Customer Relationship Management	Amizone	17/12/2018
Sachit Paliwal	Corporate Accounting	Adobe Creative	02/01/2019
Leena Singh	Global business operation Lesson plan	Adobe Creative	02/01/2019

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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 (MBPS/GBPS)	Others
Existing	16514	68	16514	6	13	604	243	3100	0
Added	1156	1	1156	0	13	347	364	2100	0
<b>Total</b>	<b>17670</b>	<b>69</b>	<b>17670</b>	<b>6</b>	<b>26</b>	<b>951</b>	<b>607</b>	<b>5200</b>	<b>0</b>

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

5200 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
Content Development Workflow: Syllabus to Final Content	<a href="https://drive.google.com/open?id=1Tpac1GJeYmQ_8BaAoSVZHf4La1XyYzSM">https://drive.google.com/open?id=1Tpac1GJeYmQ_8BaAoSVZHf4La1XyYzSM</a>
Media Centre Content Production Facility walkthrough with components	<a href="https://drive.google.com/drive/folders/11TBO2_SgMqkwrunk9dUnRY3F-y3c_9QE?usp=sharing">https://drive.google.com/drive/folders/11TBO2_SgMqkwrunk9dUnRY3F-y3c_9QE?usp=sharing</a>
Shooting Recording Facility walkthrough with components	<a href="https://drive.google.com/drive/folders/1S0-MKbpY3S226DaovX1-hV8ciPDvHq28?usp=sharing">https://drive.google.com/drive/folders/1S0-MKbpY3S226DaovX1-hV8ciPDvHq28?usp=sharing</a>

#### 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
1420	1353	2950	2817

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)

A) **Laboratory and Classrooms:** 1. The Classrooms / Labs utilization is ensured as per the Lecture / Tutorial / Practical structure for each course while publishing the Timetable. To ensure 80 utilization of the infrastructure, an online system has been developed to assess the utilization of each Classroom and Lab. 2. Students and Faculty members can register their complaints about the functioning of the Lab equipments / Teaching aids etc. for further necessary action by concerned department to ensure same are made functional without any academic loss. 3. The University Maintenance Department consists of qualified staff for maintenance. The specialized equipment's Annual Maintenance Contracts are carried out through Vendors/OEM. 4. Policy on Maintenance is including Preventive, Regular, Annual Maintenance. B) **Library: Procedures Policies:** 1. Books received are accessioned in the Accession Register, classified as per DDC, catalogued as per AACR II, and processed to make them ready to use. Books are pasted with Electro-magnetic Tattle tapes. 2. The library remains open for 0900 - 2000 hrs on Weekdays and for 0900 - 1800 hrs on Weekends. Faculty can borrow 5 books for 30 days, students and staff can borrow 2 books each for 14 days. 3. The library has a collection of about 345000 volumes of textbooks, reference books, journals and other reading material which is arranged on open shelves. 4. The library offers lending of books, reference service, photocopying service, interlibrary loan service, and Digital Library Service. C) **Sports Complex :** 1. Amity University has 15 acres sports complex which has 50x 25m Olympic size swimming pool. Tennis court, 4 (All-weather 8-layer ultra-cushion synthetic). 2 Basketball ultra-cushion synthetic court, Volleyball court, football field and Squash Court built to international Standards, Persona Gym. Football Field, Volleyball court, Shooting Range. Badminton court. Squash court. Sports and Games are an integral part of the university. The students participate not only in inter institutional sports but also national and international competitions. 2. The Sports complex is managed by a team of experts from Physical Education sports fully supported by the team of administration. The university sports planning is done with respect to the goals, aims and objectives of the university as strategized in the Broad-Based Goals (2017-2022) of the university. Regular upkeep of the infrastructure is maintained. Additional Sports equipment are procured annually. Sports are also part of the educational courses offered. D) **Computers related issues:** 1.

A Dedicate Telephone no for Help Desk is provided in the designated place in office complex. 2. Every call related to IT Tech support is registered and a unique call ID is assigned. 3. Call is attended and support is given as per the Amity IT procedure. 4. Help Desk provides Call ID for Each call registered and assigned to the Support engineer of the area. 5. It is mandatory to user also to take Call ID for the further reference / tracking of the call. 6. After completion of call he has to fill a Call Report and mention the status of the call.

<http://auup.amity.edu/NaaCFiles/3b8c6be4-52f9-4993-8e61-c6d4d8f04c63.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	University Scholarship Schemes	3781	317421761
Financial Support from Other Sources			
a) National	Various National Schemes	183	7106962
b) International	International Schemes	66	12371744

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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 implementation	Number of students enrolled	Agencies involved
Personal Counselling	01/01/2018	408	Amity centre for Guidance and Counselling (ACGC)
Behavioural skills	01/01/2018	35450	Amity Institute of Psychology Behavioural Sciences - Behavioural Science
Communication Skills	01/01/2018	35450	Amity Institute of Corporate Communication
Personality Enhancement	01/01/2018	4755	Amity SSB Academy AUUP Amity Military Training camp (Credit course)
Guidance for Competitive	01/01/2018	967	Amity Institute For Competitive

Examination			Examinations
Counselling and support for Placement	01/01/2018	9026	Corporate Resource Centre (CRC)
Counselling and support for Entrepreneurship Family Business	01/01/2018	1172	Amity Centre for Entrepreneurship Development (ACED) Amity Innovation Incubator (AII)
Remedial coaching (Guided Self Study Course)	01/01/2018	10117	Department of Students Academic Affairs Support Services
Bridge Courses	01/01/2018	5797	At Domain level
Yoga and meditation	01/01/2018	829	Amity School of Physical Education Sports Sciences (ASPESS)

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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 passed in the comp. exam	Number of students placed
2019	Guidance for Competitive Examination	967	0	150	0
2019	Counselling and support for Placement	0	9026	0	6435
2019	Counselling and support for Entrepreneurship & Family Business	0	1115	0	1945

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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
2678	2678	8

## 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
ERICSSON	178	64	AMAZON	180	20

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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	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Sc. (Hons) - Neurosciences	Amity Institute of Neuropsychology Neurosciences	Allahabad University	M.Sc Cognitive Sciences
2019	1	B.Sc. (Hons) - Neurosciences	Amity Institute of Neuropsychology & Neurosciences	Banasthali Vidyapith, Newai	M.Sc BIOScience (ANIMAL Science)
2019	1	B.Com. (Hons)	Amity Business School, Lucknow	St. Xavier's University, Kolkata	MBA
2019	1	Bachelor of Business Administration	Amity Business School, Lucknow	Kingston University, London	Masters in Marketing and brand Management
2019	1	Bachelor of Business Administration	Amity Business School, Lucknow	St. Xavier's University, Kolkata	MBA
2019	1	B.Com. (Hons)	Amity College of Commerce & Finance	Deakin University, Melbourne	MBA (International)
2019	1	Master of Computer	Amity Institute of	Stanford	Visual merchandising



		Applications	Information Technology	university	
2019	1	Bachelor of Statistics	Amity Institute of Applied Sciences	Vellore Institute of Technology	M.Sc Data Science
2019	1	BBA (Real Estate and Urban Infrastructure)	RICS School of Built Environment	The University Of Adelaide	Master of Property
2019	1	B.Tech (Biotechnology)	Amity Institute of Biotechnology	New York University	Masters in bioTechnology and entrepreneurship

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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	41
GATE	21
CAT	5
GRE	11
TOFEL	8
Civil Services	2
Any Other	62

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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
AIU Tournaments	University	271
Intramural Sports	Institutional	696
Inter Amity Institutions Sports Meet (Sangathan-	University	8867

Cultural

Institutional

25098

[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
2018	Gold in State Championship at RISS Shooting Range Dehradun organized by Uttarakhand State Rifle Association	National	1	0	A6257317043	Viraj Chaudhary
2018	Bronze Medal in World University Games, Malaysia organized by *FISU WUC at Kaula Lumpur, Malaysia	International	1	0	A0814117012	Akriti Khapra
2018	Bronze Medals in State Championship at RISS Shooting Range Dehradun organized by Uttarakhand State Rifle Association "	National	1	0	A6257317043	Viraj Chaudhary
2018	Bronze Medal in State Championship organized by Uttarakhand State Rifle Association at RISS Shooting Range Dehradun"	National	2	0	A3221615063	Chirag Jain
2018	Gold Medal in North Zone organized by Uttarakhand State Rifle Association at Patiala"	National	1	0	A3221615063	Chirag Jain
2018	Gold Medal in All India Inter University at Jaipur	National	1	0	A0814117012	Akriti Khapra
2018	Gold Medal in All India Inter University organized by AIU at Jaipur	National	1	0	A3211113086	Amrender Pal Singh Chauhan
2018	Silver Medal in All India Inter University	National	1	0	A50004615045	Mandeep

	organized by AIU at Jaipur					Singh
2018	First Gold Medal at 25M Pistol Junior Men (ISSF) National Championship (Team) in 62nd National Shooting Championship Competition (NSCC) in Small Bore Rifle & Pistol organised by National Rifle Association of India at Kerala	National	1	0	A50004615045	Mandeep Singh
2018	Second Gold Medal at 25M Rapid Fire Pistol Junior Men (ISSF) National Championship (Team) in 62nd National Shooting Championship Competition (NSCC) in Small Bore Rifle & Pistol organised by National Rifle Association of India at Kerala	National	1	0	A50004615045	Mandeep Singh

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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)

AUUP has involved students in academic and administrative activities through various bodies at university and institutional level, to provide opportunities for student inputs and engagement. The students are active contributors to the committees and opinions are valued and acted upon. The Institutional Quality Assurance Cell (IQAC) is constituted in every institution under the chairmanship of HOI, a few faculty members and a few distinguished educationists/representatives of local committee and student representatives. Approximately 120 students across the university are members in Institutional IQAC to propose ideas and suggestions with respect to lectures, assessment, resources, cafeteria and other general concerns. Students are members of external quality review panels. We have an active and effective Class Representative (CR) system for empowering the students and representing them as student leaders. It allows one male and one female student to represent each class of approximately 60 students in the University, with regular meetings on every third Thursday of the month to ensure the systems efficiency and effectiveness in putting forward the interests and views of the students. Monthly CR Meetings are conducted during the semester. CR meetings play a major role to assess teaching, learning and support services provided to the students by the Institution. Office of Dean Student Academic Affairs and Support Services (SAASS) monitors the functioning and effectiveness of the CR system. In 2018-19 there were 1713 CRs representing their respective classes. Each CR was given a CR badge to enhance their visibility and increase their pride. All students of AUUP are given the opportunity to participate

in co-curricular and extracurricular activities through various clubs, committees, inter-institutional competitions and events where students organize domain specific events, extra-curricular events (non domain specific), competitions and conferences honing their subject expertise skills in addition to their leadership skills. Club/Committee activities, workshops, Intra-Domain and Inter-University competitions enhance the communication skills, team management skills, leadership skills, time-management, resource management skills and above all builds confidence in each student through the Club/committee platform, provided by the Institution/University, students learn to do practical implementation of the classroom learning.

Office of Dy Dean Student Welfare monitors the effectiveness and outcome of Club/Committee activities. Students organize and participate in Amity Youth Festival in which they are encouraged and guided to develop the budget for technical/cultural competitions and other activities during the festival. The students approach various corporate entities for sponsorship of the technical/cultural competitions and other activities. Students also organize and participate in Amity Human Value activities (Quarter/Year) aimed at instilling the values of selfless service, care and concern for fellow human beings to make the students socially responsible and globally competent professionals. Students organize Freshers party for 1st year students and Farewell for outgoing batch. AUUP organizes Intramural sports competition - Sangathan in which 5000 plus students participate. 100 Hostel Prefects are members of Student Management Committee of hostels and 80 plus students are active members of Cafeteria and Mess Committee at university level to oversee the food being served.

## 5.4 - Alumni Engagement

### 5.4.1 - Whether the institution has registered Alumni Association?

Yes

The Alumni Association of Amity University aims to reconnect its graduates through Alumni events/ engagements/ activities/ formal-informal forums and to support the further development of its alma mater. Alumni plays a very important role in Enhancing the Quality to ensure the overall development of its students. Some of the major platforms alumni are being engaged: - Invited Talks/ Guest Lectures/ Alumni Forums - Member of admissions boards - Selected Group of Alumni as the Alumni Association - As Flag Bearer and to lead the Academic Procession during convocation - As the Participants/ Speakers/ Sponsors during workshops and conference like Confluence, INBUSH etc. - Representatives of the company during recruitments and motivating existing set of students by having the presence of their seniors in the company - Supporters for events like Youth Festival as sponsors - Engaged with institutions in the capacity of Visiting Faculty members. - Alumni also form the active member for Area Advisory Board and contribute in review and development of the curriculum and keeping Teaching Methodologies Industry Oriented and up to date. - Sharing of

Lateral Job Postings for fellow Alumni - Exclusive engagement with existing students and its Alumni under Mentor Mentee Programme - Alumni also form the active members of IQAC at various levels. Their inputs are very significant in bringing developments and quality enhancements - Alumni also take part in various Social events of the university. - Alumni can also engaged in various students driven activities like clubs and committees as a Jury Member, felicitator and activities supporters. - Alumni Meet

5.4.2 - No. of registered Alumni:

142576

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

4531500

5.4.4 - Meetings/activities organized by Alumni Association :

1. IT Summit - 5th 6th July 2018 - As Panelist 2. Corporate Alumni Interaction with NAAC - 11th Oct 2018 - As Guests 3. Convocation - 1st, 2nd 3rd November 2018 - As part of the convocation procession. 4. Confluence 2019- Alumni Session on 11th Jan, 2019 5. Alumni distinguished Lecture Series-22nd Jan, 2019 6. Alumni Meet Lucknow , 24 Dec 2018, 22 Feb 2019, 13 March 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)

Practice 1 Student Learning and Development A proper support system has been created in the University to ensure better student learning and their development. The planning part is initiated at University level for students' requirements viz, career aspirations, academic progression and student diversity as under:- a) Career Aspirations i) Higher Studies Preparation for Professional Qualification. ii) Preparation for Higher Studies and Competitive Examination. iii) Campus Placement. iv) Starting Own Venture. v) Family Business. b) Academic Progression: Conducting proficiency assessments through, remedial courses, guided self-study courses and bridge courses to support slow learners. Advanced learners are encouraged and engaged in scholarly activities. c) Student Diversity: No discrimination against caste, creed, religion and gender including third gender. Counselling facilities to both male and female students through its well defined Equity, Diversity Non-discriminatory policy guidelines The designated faculty as Program Leader (PL) help and guide the students to extensively avail various facilities as per their requirements. The student leadership as CR (Class representative) regularly interact with both the students of program as well as the faculty (PL HoD) to ensure the students are taking full advantage of

resources/facilities created for them. CR also gives structured feedback in monthly CR Meeting about Academic Delivery, student achievements in curricular and co-curricular activities and also give suggestions for augmenting the support facilities/resources for better learning experience and progression. Faculty and students are empowered for decision making. Practice 2 Academic Monitoring Activities through Internal Quality Assurance Cell The Institutional Internal Quality Assurance Cell (IQAC) is at three tier level i.e. University Level, Domain Level and Institutional/Department Level. Academic Monitoring activities are done through Institutional Internal Quality Assurance Cell (IQAC) which is responsible for regulating and implementing different academic and administrative activities and policies for smooth uniform functioning at the Institutional level. The Institutional IQAC is headed by the Head of Institution (HoI), and Senior Professors of the department, Experts for respective programs, faculty members and alumni are members. Following are the functions of Institutional IQAC:- a) Development and application of quality benchmarks, parameters for various academic and administrative activities of the institution. b) Facilitating creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process. c) Obtain feedback responses from students, parents and other stakeholders on quality-related institutional processes. d) Organisation of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles. e) Documentation of the various programmes/ activities leading to quality improvement. f) Acting as a nodal agency of the institution for quality related activities. g) Preparation of the Annual Quality Assurance Report (AQAR) based on the quality parameters/assessment criteria in the prescribed format for submission to NAAC. h) Development of a quality culture in the Institution/University. The Academic office of the University coordinates for all such processes and activities and also put up the same for approval of the Academic Council for its approval as per provision of University Act and Statues.

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	Appropriate strategies are adopted for quality improvements in curriculum development for ensuring educational excellence, student development physical, emotional health, and well-being and career progression. i) Update and evaluate curricula, as appropriate, to enhance rigor and relevance. ii) Collect, Integrate



	<p>and analyze feedback of all stakeholders, for review and development of curriculum and emerging/disruptive technologies in curriculum for developing future talent for industry/profession. iii) Ensuring curriculum that embeds all components leading to the development of desired graduate attributes and skills aligned with industry requirements, industry trends national, local, regional developmental needs for developing students for entrepreneurship/employment/skill development.</p>
Teaching and Learning	<p>The quality enhancement strategies adopted by the institutions are as under: i) Development and digitally communicating of academic calendar to all stakeholders. ii) Create innovative digital environment for effective teaching learning. iii) Strengthen the system of monitoring periodic review of programmes, students learning and progression. iv) Promote and support educational innovations beyond classrooms (eg. field based learning, community based learning, service learning etc.) v) A robust form of teaching learning assessment that generates information including student feedback and peer assessment that provides feedback to faculty to enable them to improve their academic delivery and student development skills continually.</p>
Examination and Evaluation	<p>The strategic planning is done at the beginning of each academic year. Automation of most of activities has ensured transparency in the systems and processes. The strategy is aimed at focusing on the outcome based education and encouraging students in achieving their full potential. To help improve student performance, continuous assessment is shared with them and at the programme level their performance is assessed by external experts. The grading system has also been revised. From next academic year Digital Evaluation of answer books is being introduced. Regular Internal Audits ensure monitoring and effective implementation of all the processes.</p>
Research and Development	<p>The quality strategy for RD addresses the following major areas:- a) Recruitment, retention and development of adequate strength of skilled manpower. b) Creation of an appropriate research ecosystem by establishing Amity Science, Technology Innovation Foundation and creation of research directorates. c) Development of adequate world class infrastructure. d) Instituting an effective project management system to include spotting of partners, training and mentoring of researchers, online system of managing and monitoring of ongoing projects. e) Creation of research Clusters encompassing various research fields like Cancer Biology, Artificial Intelligence, Alternate and Renewable energy etc.</p>
Library, ICT and Physical	<p>Following quality improvement strategies have been adopted:- a) Accelerating the process of selection, acquisition and processing of library resources. b)</p>



Infrastructure / Instrumentation	Organization of book displays / exhibitions to facilitate selection of library resources. c) Conduct of Orientation and Training sessions to make the user aware with various library resources and services. d) Improve accessibility of KOHA system in Central Library. e) Improvement in Digital Library resources and services. f) Sensitizing users and staff to newer technologies. The university also updated its Central Instrumentation Centre (CIC) to enable maximum use of such important instrumentation facilities and its maintenance.
Human Resource Management	a) Improving and maintaining appropriate Student Faculty Ratio and Cadre Ratio. b) Focused and merit based recruitment keeping in mind requisite qualifications and competencies. c) Identify training need for non-teaching staff to upgrade their knowledge and skills. d) Training the faculty and staff with latest IT interventions and technologies. e) Develop faculty mentoring program that allows talented young faculty to mature into leadership roles. f) Creating Competence Commitment Self-Motivation (CCSM) model for ensuring holistic performance of faculty and staff.
Industry Interaction / Collaboration	a) Developing more collaboration partnership with relevant Industry of global repute through devising proper strategy plan for mutually win- win situation for Industry and Academia. b) Every Institution has become a part of relevant committee of Industry body like CII, ASSOCHAM/ FICCI etc. where faculty staff participates in most of the relevant event either as a panellist/sponsor / attendee / presenter etc. to enhance Industry academia association further. c) Further Collaboration with Industry for project implementation to enhance CSR initiatives.
Admission of Students	Transparency, Probity and Accountability are the basis of quality improvement strategy. There is no capitation fees in Amity. This disclaimer forms part of our promotion material for admission. Selection criteria is based on the performance wherein merit and potential are two main parameters focused upon. Accountability towards students and parents is ensured through parent interactions, conduct of open houses, 24/7 call centre and face to face counselling. Students through SAP, 3-Continent programs and International programs get the coveted international exposure. With global standing of Amity showing a Northward trend, there has been correspondingly an increase in admission of foreign students.

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

E-governance area	Details
Planning and Development	AUUP harnesses the potential of E-governance in its planning and development for better decision making for effective management of the programmes and academic

activities. Information relevant to programmes, courses, student profile, progression, students' satisfaction etc. are continuously captured, analysed, shared and leveraged for strategic planning, development, quality assurance and decision making at all levels. University maintains a comprehensive externally facing website, which provides open access to University Vision, Mission, Core values, objectives, programmes and all other relevant and current information on its public website <http://aup.amity.edu/> together with AUUP Intranet named as Amizone. It can be accessed via [www.amizone.net](http://www.amizone.net). Information relevant to external stakeholders is openly available on the public website to support new applicants, alumni, industry partners and other visitors. The website provides a range of information about the University, which includes details about the governance structure and leadership such as statutory bodies of the university and other committees, academics, research, events, industry interaction, alumni and facilities. Information for the use of internal stakeholders is accessed through Amizone, a single point of access for all the information, services and resources to the faculty, students, parents and administrators. All Regulations and Policy Guidelines including model framework, programme structure, course curriculum, master session plan, assessment scheme, block academic calendar, programme academic calendar, examination calendar, examination schedule, student attendance, results etc. for each course / programme are published on Amizone to be accessed by all students, faculty, staff and parents. The dissemination of public information is governed by 'Policy guidelines for privacy and disclosure of information' approved vide 14th Executive council meeting held on 17th July 2015 {Item No. 14.25}. There is a committee on information policy which is co-chaired by Registrar and a member of faculty. The membership of the committee includes students, faculty and staff, including staff from Chancellor's office/Vice Chancellor's Office, information systems and an academic administrator. The committee acts as an advisory committee to the Chancellor/Vice Chancellor, The Dean of Student Welfare and the Registrar.

#### Administration

The administrative activities related to infrastructure, IT, HR and learning resources etc. are automated through in-house developed integrated software "AMIZONE". IQAC reviews and audits all the functions on regular basis. Some of the major areas of e-governance in administrative operations are as under: i) Online leave management system for faculty and staff members. ii) Digital dashboard / noticeboard display system for all stakeholders (students, faculty, staff, parents, alumni etc.). iii) Automated system for library management. iv) Online booking of various venues for events (Seminars / Conferences / Workshops / PDPs / Guest Lectures etc.). v) Online complaints/grievance redressal system for all

	<p>administrative activities including maintenance repair of infrastructure, lab equipment, and other learning tools/equipment etc. vi) Purchase Inventory vii) Employee Attendance viii) Hostel Management</p>
Finance and Accounts	<p>Finance and Accounting (FA) solution covers different aspects of Finance Accounts processes and ensures that the university's accounts are accurate and consistent. Finance Accounts e-governance incorporates the entire set of Finance Accounts processes for general ledger accounting, accounts payable, accounts receivable, taxation, fixed assets and costing, thus making everyday accounting easy. Following are the areas of e-governance:- a) Activities Expenditure Planning b) Events Budget Planning c) Meeting Budget Planning d) Financial Academic Planning (such as Tuition fees, Examination, Lab Equipment and Software, Library books, journals, Industry centric activities, Youth festivals and events, Internationalization Activities, Maintenance Repairs of Academic and Hostels blocks, Faculty Development Activities etc.) e) Employee Salary f) Tuition fees.</p>
Student Admission and Support	<p>The Amity Admission system is fully automated, right from filling an application to final registration at the University. All through the process, the student receives regular updates. Admission queries are resolved through Admission Helpline Call Center / through E-mail on admissions@amity.edu. The salient features of the system are as under: Immediately after applying online, at www.amity.edu the Admission Microsite Portal gets activated for each student. Admission Microsite is an online platform for two-way communication between the Admission Aspirant and the Admission Department through which an applicant can check the following: i) Confirmation about receipt of form. ii) Check the Registration Status of Form. iii) Check whether student has been short-listed for the Selection Process or not. iv) Choose the date for appearing in the Selection Process. v) Download Admit Card to appear for Selection Process. vi) Check Selection Status. vii) Print Admission Letter. viii) Avail Online Payment Links. ix) Check confirmation of Fee Payments. Link to upload the documents on www.amizone.net. Amizone is a student portal through which academic and non-academic transactions are made during the entire tenure of the student in the University. Query of selected students get resolved within 24 hrs through a special section, Post /Track Query' on the Admission Microsite. i) WhatsApp facility to get the queries resolved immediately. ii) Special Admission Process through Skype for Foreign/ NRI candidates. iii) Online withdrawal application is to be filled and submitted through https://amizone.net There is a constant endeavor to incorporate more student friendly methods/updates to ensure a seamless Admission Process.</p>
Examination	<p>Amity University has completely automated the Examination system wherein the whole</p>

process and its activities from setting of question papers to declaration of final results are online on Amizone. The concern user may access any examination services online from anywhere. Examination department strives to review and improve all the examination related processes for better learning experience of the students and smooth functioning of the other stake holders. In 2018-19, An initiative of Automation of Evaluation processes was taken initiative was taken up as a pilot project University has identified various service providers of Digital Evaluation to digitize the evaluation of answer sheets and a sample test as pilot (POC) was conducted successfully during the Summer Semester on a set of 20 to 25 students which showed a positive impact and it was decided to implement it in the university from next academic session.

### 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
2019	Dr Hrishikesh Dhasmana	Interneaitonal conference on Efficient Solar Power Generation and Energy Harvesting	-----	204000
2019	Mr Prateek Chaturvedi	International Conference on Automation, Computational and Technology Management (ICACTM - 2019)	-----	154114
2019	Dr Laxmi Ahuja	International Conference on Artificial Intelligence (AICAI' 2019)	-----	113000
2019	Dr Subhranil Som	International Conference on Artificial Intelligence (AICAI' 2019)	-----	113000
2019	Dr Hridayesh Prakash	Annual Meeting of Clinical Immunology working group of Gertman Immunology society	-----	100150
2019	Dr Amrish Kumar	Awesome Day Online Conference	-----	90000

	<b>Choubey</b>			
2019	<b>Dr Amrish Kumar Choubey</b>	<b>AI Block Chain- Opportunities and Challenges for Business Leaders</b>	-----	<b>90000</b>
2019	<b>Dr Hina Bansal Chaurasia</b>	<b>Wellcome Genome Campus - Scientific Conference : Applied Bioinformatics Public Health Microbiology</b>	-----	<b>40000</b>
2019	<b>Dr Rakesh Kumar Phanden</b>	<b>7th International Conference on Industrial Technology</b>	-----	<b>35000</b>
2019	<b>Mr Pulkit Jain</b>	<b>International Conference on Current Practices Future Trends in Media Communication</b>	-----	<b>33000</b>

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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-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	-----	<b>Staff Development programme on Learning ,Training and development of Lab Technicians</b>	02/07/2018	06/07/2018	0	19
2018	<b>PDP on Analytical Techniques in Physical sciences Research</b>	-----	02/07/2018	04/07/2018	65	0
2018	<b>"Indo-Pak Thaw: Indian Strategic Patience vs Designer Narratives of Pakistan"</b>	-----	06/07/2018	06/07/2018	74	0
2018	<b>PDP on Academic Writing</b>	-----	09/07/2018	09/07/2018	45	0

	and Project Proposal Development					
2018	PDP on Intellectual Property Rights and its Applications for India	-----	10/07/2018	10/07/2018	38	0
2018	Our recent Innovations with Nanowires	-----	11/07/2018	11/07/2018	42	0
2018	Open Source for Designing Biomolecules-based Therapeutics	-----	19/07/2018	19/07/2018	50	0
2018	PDP on Comprehending Teaching , Research and Governance Structure	-----	19/07/2018	19/07/2018	36	0
2018	Workshop for Environmental Science courses	-----	26/07/2018	26/07/2018	26	0
2018	Workshop on "Transforming education through Cloud".	-----	02/08/2018	02/08/2018	76	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
PDP on Analytical Techniques in Physical sciences Research	65	02/07/2018	04/07/2018	03
"Indo-Pak Thaw: Indian Strategic Patience vs Designer Narratives of Pakistan"	74	06/07/2018	06/07/2018	01
PDP on Academic Writing and Project Proposal Development	45	09/07/2018	09/07/2018	01
PDP on Intellectual Property Rights and its Applications for India	38	10/07/2018	10/07/2018	01



Our recent Innovations with Nanowires	42	11/07/2018	11/07/2018	01
Open Source for Designing Biomolecules-based Therapeutics	50	19/07/2018	19/07/2018	01
PDP on Comprehending Teaching , Research and Governance Structure	36	19/07/2018	19/07/2018	01
Workshop for Environmental Science courses	26	26/07/2018	26/07/2018	01
Workshop on "Transforming education through Cloud".	76	02/08/2018	02/08/2018	01
"USA and North Korea South Korea Relations"-	111	03/08/2018	03/08/2018	01

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
221	221	125	125

#### 6.3.5 - Welfare schemes for

Teaching	Non-teaching	Students
<p>The University has a welfare mechanism in place, for teaching staff. The various welfare schemes are: i) Opportunities for international exposure, as per laid down scheme. ii) Financial Assistance provided for professional membership. iii) All the non-doctoral faculties are encouraged to get enrolled for Ph.D. program through their HOI. iv) Medical Insurance: For all faculty Staff members. On campus free medical facilities. v) Fee Concession for pursuing Ph.D programme to promote Research Excellence. vi) Priority given</p>	<p>The University has a welfare mechanism in place, for teaching staff. The various welfare schemes are: i) Opportunities for international exposure, as per laid down scheme. ii) Financial Assistance provided for professional membership. iii) All the non-doctoral faculties are encouraged to get enrolled for Ph.D. program through their HOI. iv) Medical Insurance: For all faculty Staff members. On campus free medical facilities. v) Fee Concession for pursuing Ph.D programme to promote Research Excellence. vi) Priority given</p>	<p>The welfare schemes and facilities for students are as under:- i) Provision for Education Loan. ii) Amity Centre for Entrepreneurship Development (ACED) iii) Amity Innovation Incubator iv) Credit Transfer v) Gymnasium vi) Subsidized meals in</p>



in the school admission of wards. vii) Short term advances including salary, etc. viii) Child Allowance ix) Study Leave The following facilities are also provided to employees by the AUUP, which help in maintaining healthcare, morale, safety and satisfaction: i) Amity Clinic also provides Indian system of medicine - ayurvedic, homeopathy and Physiotherapy OPD. ii) Maternity benefits. iii) Medical leave. iv) Yoga classes. v) Insurance coverage vi) Psychological counseling rehabilitation clinic apart than insurance vii) Crèche facility. viii) Subsidized meals in Cafeterias. ix) Fresh vegetables/fruits from in-house organic farms x) Transport facilities xi) Bank facility ATMs xii) Post office xiii) Marriage gifts. xiv) Birthday Celebrations A committee of Faculties examine annual feedback of employees and accordingly submits welfare proposals to the HR Department for consideration.

in the school admission of wards. vii) Short term advances including salary, etc. viii) Child Allowance ix) Study Leave The following facilities are also provided to employees by the AUUP, which help in maintaining healthcare, morale, safety and satisfaction: i) Amity Clinic also provides Indian system of medicine - ayurvedic, homeopathy and Physiotherapy OPD. ii) Maternity benefits. iii) Medical leave. iv) Yoga classes. v) Insurance coverage vi) Psychological counseling rehabilitation clinic apart than insurance vii) Crèche facility. viii) Subsidized meals in Cafeterias. ix) Fresh vegetables/fruits from in-house organic farms x) Transport facilities xi) Bank facility ATMs xii) Post office xiii) Marriage gifts. xiv) Birthday Celebrations A committee of Faculties examine annual feedback of employees and accordingly submits welfare proposals to the HR Department for consideration.

Cafeterias. vii) Transport facilities viii) Bank Facility ATMs ix) Yoga Classes x) Post office xi) Hostel Facility xii) Amity Clinic also provides Indian system of medicine - ayurvedic, homeopathy and Physiotherapy OPD. xiii) Sports Facility (20 Lane Shooting range, Horse Riding and Polo Academy, Swimming Pool, Athletics, Boxing Ring, Squash Courts, Basket courts, tennis course, Volleyball courts, Badminton courts, cricket ground, football ground, hockey ground.

## 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 had engaged both the internal and external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the University each year. Qualified Internal Auditor have been permanently appointed and a team of staff under them do a thorough check and verification of all the transaction that are carried out in each financial year. Each

revenue capital vouchers are subject to internal audit before the release of payment. Internal auditor verifies each voucher with proper documentary evidences like purchase/work order, duly approved expenses by the competent authority, availability of gate pass with ledger folio no/dates, and the voucher is properly recorded in books of account. Likewise, external audit is carried out on an elaborate way to verify the accuracy of books of account. It ensures whether the bank accounts are duly reconciled and ensures proper reconciliation also exist for fees, debtor, creditors all statutory payments. The institutional accounts are audited regularly by both Internal and External Audits. Minor errors of omissions and commissions when pointed out by the Audit team are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future.

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
Sponsorship from non-government funding agencies/ individuals	24228049	Sponsorship Income

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6.4.3 - Total corpus fund generated

7228123107

6.5 - Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	University Level 1. Quality review by QAA, UK on 21st September 2018. 2. NAAC Peer Team (October 11 - 13, 2018) 3. United Nation World Tourism Organization UNWTO Tourism Education Quality Certification (TedQual) 3rd Cycle renewal - Feb 2019 4. WSCUC Mid-Cycle Review in 2018-2019 For Select B.Tech Programmes 5.IET UK 06 member Panel in November 2018 (Dubai, Lucknow and Noida Campuses)	Yes	Quality Assurance and Enhancement (QAE)

Administrative	Yes	BSI, Alok Mittal Associates	Yes	Quality Assurance and Enhancement (QAE)
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6.5.2 - What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not Applicable

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

Amity University Uttar Pradesh (AUUP) has a well-established system of Parents-Teacher Interaction both online through (Amizone) and in person. Parents can access all information related to their ward's programme including academic fee, academics, class schedule, attendance, examination, results, scholarships, extracurricular activities seminars, conferences, workshops, clubs committees, placements, indiscipline if any etc. In view of the above, activities in support of Parent-Teacher interaction are as under:- a) Online. Parents give their feedback and suggestions on AMIZONE which helps the university to improve its teaching learning resources and support facilities for better learning experience and progress of students. b) In- Persons: - Parents are actively engaged in student's development, through Guest lectures, as a member of Area Advisory Board (AAB), as a resource person, conferences, seminars, workshops, career counselling, mentoring sessions apart from regular interaction with the faculty regarding the progress and performance of their own wards. i) Parents- Teachers also meet regularly to discuss students' career aspirations, learning experiences, difficulties, progression etc. right from joining the university as under • Orientation Programme • Mentoring Sessions • Interaction with Program Leaders, HoIs, Dean (SAASS) Dean Student Welfare for various academic, social and emotional issues. ii) Parents regularly interact with Amity Centre for Entrepreneurship Development (ACED) to develop the students who would be joining the family business after completion of their degree or starting their own venture. This helps students to be groomed for the right role in their family business or successful student start-up. The interaction of Parents- Teacher has helped the university to organize students' centric activities.

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

i) Staff Development program on Learning, Training and development of Lab Technicians was conducted to enhance lab technician knowledge related to equipment/machinery in their respective labs and give a sense of 'ownership' towards their equipment/machinery. It was impressed that major issues should be detected well before they become serious failures. Date of the program:- 02-06 Jul 2018 Total numbers of Participants:- 19 ii) A Training Workshop on OHSMS (Occupational

Health Safety Management System) for Cafeteria Workers was organized. The objective of the training was to create awareness about the safety pertaining to the kitchens, workplace, and equipment and about the types of accidents in the workplace. Date of program:- 16 Nov 2018 Total number of participants:- 44 iii) Training Workshop on "Lab Safety Good Laboratory Practices" was conducted. The objective of the training was to improve the awareness levels of the lab in charges and assistants/attendants dealing with labs on good lab practices. Date of the workshop:- 14 June 2019 Total number of participants:- 39 iv) A Workshop for staff on Sanitation and Hygiene Awareness for women was conducted to create awareness of basic hygiene and sanitation amongst the women staff members. Date of the workshop :- 07 Mar 2019 Total number of participants:- 16 v) Staff Development Program conducted for newly recruited Non-Teaching staff to familiarize them on the various processes, norms, guidelines, regulation and day to day functioning of Amity University Uttar Pradesh (AUUP) Date of the Orientation Program:- 17-18 Jan 2019 Total Number of participants:- 41

#### 6.5.5 - Post Accreditation initiative(s) (mention at least three)

1. To disseminate the technologies developed by AUUP to beneficiaries through transfer of technologies. Amity University Uttar Pradesh faculty and students have developed and patented several technologies over the years. During the year 2018-19 emphasis was on technology transfer. Following technologies were transferred to industries during the year 2018-19:- a) Rootonics: Rootonics is a microbial based technology which helps the plants to grow under all kind of stresses. This technology was transferred to M/s Sai Bio Organics, Moga, and Punjab with Technology Transfer fee of Rs. 10.00 Lakhs. b) Polyaniline Coated activated carbon composite for removal of heavy metals and dyes from waste: - This technology was transferred to M/s S.S. Engineering Corporation, Noida with Technology Transfer fee of Rs. 5.00 Lakhs. c) Another agreement has been signed with Ms/ L'Oreal India Private Ltd. for transfer of various herbal products to L'Oreal through testing at lab of L'Oreal. 2. To update and strengthen the Research Infrastructure of the University through establishing State of Art Labs and Research equipment. Amity University is a Research Innovation Driven University. In line with the mission of the university great emphasis is laid on continuous upgradation of the existing Research Labs and establishing new labs. a) Establishment New Research/Teaching Labs: Six sophisticated research labs are established for strengthening the research activities in the university and give global research exposure to faculty and students and fostering the quality research. b) Upgrading the Existing Labs: The existing teaching and research labs are upgraded through adding state of the art equipment to impart effective hands on training to the students to make them industry ready. c) Workshops for Applying for Research Funding: Several workshops related to skills for writing proposals for research funding were conducted to motivate and encourage the institutions to apply for research funding for procuring High End Equipment. University has also submitted proposals for

DST-FIST worth Rs 5 Crores. d) Some of the new Equipment/Instruments added during 2018-2019:- Automobile Air-conditioning Test Rig, Trinocular Microscope, Gel Documentation Unit for Protein and DNA, Double Beam UV-Vis Spectrophotometer, Cooling Centrifuge, Agilent PCR Sure Cyclor 8800, Thermo Fisher Water Purification System, Zetasizer Nano ZS90 , Rotary Evaporator, Vacuum Controller, Tube Furnace, High temperature vacuum furnace with quartz tube, Non Refrigerated Centrifuge, Flame Propagation Apparatus, Nozzle Pressure Distribution test rig, Ultra-low deep freezer (-86°C), Leica DMIL LED Inverted Fluorescence Microscope with fixed stage, Culture room for Algae-Heating and Cooling, 3. Cleaning Traffic Management in neighbourhood: - Cleaning of the Peripheral road of AUUP Boundary and Traffic Management through student's participative management in maintaining the neighbourhood cleanliness.

#### 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	Integration of Disruptive Technologies into curriculum through Workshop/Panel Discussion on Drivers of Industry 4.0	27/03/2019	27/03/2019	29/03/2019	524
2019	Workshop on Online Outcome Assessment	30/03/2019	30/03/2019	30/03/2019	287
2018	The roles and responsibilities of IQAC with respect to administration, maintenance and hostels were formulated.	03/07/2018	03/07/2018	04/07/2018	25
2018	Prepared action plan for Digitalisation and automation of Evaluation System	06/07/2018	06/07/2018	06/07/2018	10
2018	Briefing session held on presentations and verification of documents for NAAC visit	06/08/2018	06/08/2018	08/08/2018	56
2018	Review of presentations for the visit of NAAC by Institutional IQAC	20/08/2018	20/08/2018	21/08/2018	103

2018	Participated in Institutional Swachhta Ranking- 2018 of Higher Education Institutions conducted by MHRD GOI.	17/09/2018	17/09/2018	17/09/2018	25
2018	A training workshop on Occupational Health and Safety for cafeteria workers was organised by University IQAC.	16/11/2018	16/11/2018	16/11/2018	32
2019	Workshop on National Programme on Technology Enhanced Learning (NPTEL)	04/02/2019	04/02/2019	04/02/2019	420
2019	A workshop on Risk Identification and Risk assessment of processes organised by University IQAC.	26/02/2019	26/02/2019	26/02/2019	120

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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
Gender Rights: A Debate on the topic- Do working women hinder the progress of their children's growth	27/03/2019	27/03/2019	160	250
Gender Awareness: Women health and education (Social Help Cause)	25/03/2019	25/03/2019	240	100
Women health and education, health awareness camp for Amity staff.	26/10/2018	26/10/2018	202	98
Gender Awareness: A Conference was held on the topic "Women: A Journey through the Ages"	23/01/2019	24/01/2019	160	112
Symposium on Gender Equality- Dialectic Reflections on the Position of Women in the Twenty-First Century India: A step towards Right to Equality	06/03/2019	07/03/2019	134	78
Gender Equality: Gaurvi-A Socio Community Outreach	08/03/2019	08/03/2019	119	93
Gender Issues	14/08/2018	14/08/2018	200	0



National Youth Summit	28/05/2019	30/05/2019	80	120
Skill training of underprivileged women for Basic Sewing Machine Operators (BSMOs) and Advance Sewing Machine Operators (ASMOs) in villages of Noida by Amity Humanity Foundation.	02/07/2018	28/06/2019	200	0
Workshop on 'Managing Diversity and Challenges in Schools' on 07 February, 2019	07/02/2019	07/02/2019	104	70
Gender Awareness: Moving Margins: Studies in Language, Translation, Communication & Social Issues.	21/02/2019	22/02/2019	97	43
Gender Equity Programme: Awareness about addressing various issues to Class IV Employees	13/09/2018	13/09/2018	80	50
Gender Bias & History	04/01/2019	04/01/2019	120	0
Gender Discrimination: Plays/Drama on Domestic Violence	14/03/2019	14/03/2019	80	40
IAP (Indian Association of Physiotherapist) Women Cell Head invited for Guest lecture during Orientation of the newly joined students to brief students on various practices of physiotherapy.	01/07/2018	01/07/2018	96	16
Training session on Promoting Gender Equality	06/09/2018	06/09/2018	38	17
Gender Equality Conference on the topic "Think Equal, Build Smart, Innovate for Change"	08/03/2019	08/03/2019	30	15
Gender Awareness: Child Care in Villages of Noida	28/02/2019	28/02/2019	22	18
Gender Awareness: Self Defence Training & Fitness Programme for Girls through PRATIVAAD CLUB	09/03/2019	19/03/2019	30	0
B.A (Gen) Programme (Amity Indian Military College for Women) - Programme specific to career opportunities for Women in Forces.	02/07/2018	28/06/2019	7	1
Established under the aegis of Amitasha Foundation for Upliftment of Under-Privileged Children on April 7, 2000, the initiative is a step in the direction of empowering the girl child by providing her the invaluable tool of education	02/07/2018	28/06/2019	1000	0
Workshop on Self Defence Training for Girls conducted by U.P. Police	25/01/2019	25/01/2019	856	0
Dialectic Reflections on the Position of Women in the Twenty-First Century India: A step towards Right to Equality"	06/03/2019	07/03/2019	375	400



<b>Gender Awareness: International Women's Day Celebration (Dialogue Series)</b>	08/03/2019	08/03/2019	220	280
<b>Session on "IEEE Women In Engineering" to Promote Women Engineers and Scientists during 6th International Conference on Signal Processing and Integrated Networks</b>	07/03/2019	08/03/2019	175	274

### 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

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:  
 Percentage of power requirement of the College met by the renewable energy sources The university has a sanctioned load of 9056 KVA from UPPCL with an installed capacity of 16000 KVA Transformers. In addition to this, the University has Solar power plant of 1001 KW to meet the demand in the campus. Percentage of power requirement of the University met through solar power plant is 6.418. Energy conservation is one of our objectives and is depicted in our Energy Policy towards sustainability. A three-tier approach has been adopted in energy conservation, as under, a) Replacing the existing system with energy efficient products. b) Provide only energy efficient and star rated product in the upcoming building / projects. c) Creating awareness in stakeholder by organizing seminar/workshop. Following Energy Conservation initiatives were undertaken by the University for the year 2018-19 d) Replacing CFLs and florescent lights with LED. Total 2714 CFL/ fluorescent lights were replaced with LED in the year 2018-19. The total savings in energy through this initiative was 1,68,280 units of power. e) In the year 2018-19, 700 star rated fans were replaced by damaged fans, resulting in saving of 27720 units of power. f) Variable frequency drives were installed in the already existing chiller motors and pumps to improve efficiency and reduce power consumption. Therefore, even after witnessing the increase in load in the year 2018-19, the maximum power demand of the University could be controlled within the prescribed limit of sanctioned load of 9056 KVA. The University has saved 16,13,825 units of power in 2018-19 as compared to 2017-18 in spite of increase in load by 515 KW in 2018-19, owing to energy conservation initiatives taken up by the University, such as, LED replacement, fan replacement Chiller modernization. Through the above initiatives, the university saved Rs.1.75 Crore. Further, energy saving is being planned by harmonic mitigation methods in the power system. The university is committed to provide safe, clean cost-effective energy to its stakeholders while conserving energy.

### 7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	336

Provision for lift	Yes	86
Ramp/Rails	Yes	50
Braille Software/facilities	Yes	0
Rest Rooms	Yes	336
Scribes for examination	Yes	6
Special skill development for differently abled students	Yes	1280
Any other similar facility	Yes	9

## 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
2018	3	1	02/07/2018	365	Resource persons from the Industry/Govt/Judiciary were invited for interaction with the students (Locational advantage)	Easy availability of resource persons from Industry/ Govt/ Judiciary facilitated interaction with students, due to their proximate availability	10000
2018	1	1	27/07/2018	2	Amity Career Expo (ACE-2019) in association with Delhi High Court Bar Association (Locational Advantage)	Proximity to Delhi High Court Bar Association, The Amity Career Expo was conducted with an aim to bring together employers, experienced professionals, and entry level young graduates under one	751

						roof. It offered excellent opportunity to address current	
2019	1	1	29/03/2019	1	Career Expo (Locational Advantage)	Availability of various Industries in Delhi/ NCR region, Career Expo was organised which aimed at providing options of industry internship to our to-be-engineers, so that they are ready to adapt themselves in the upcoming era of INDUSTRY 4.0. An indu	688
2019	1	1	08/02/2019	1	Road Safety Programme (Locational disadvantage)	Number of road accidents in the region, the University, with an aim in creating awareness on number of road accidents in the region, a seminar on 'Sadak Suraksha-Jeevan Raksha, A Road Safety Programme' is being organized by Suraksha Foundation in ass	681
2019	1	1	11/01/2019	2	Conference on E-Governance and Education: Transforming Lives for e-living (Locational advantage)	Presence of leading academicians, researchers, industrialists and budding entrepreneurs in the region to exchange and share	677

						their experiences and opinions on all aspects of E-Governance and Education.	
2019	1	1	16/02/2019	1	Amity Career Expo (ACE-2019) (Locational Advantage)	Due to the availability of various Industries in Delhi/ NCR region, the Amity Career Expo brought together employers, experienced professionals, and entry level young graduates under one roof. It provided an excellent opportunity to address current a	652
2018	2	0	01/10/2018	3	Field visits and Clinical Visits to different hospitals and research centres (Locational advantage)	Proximity to modern health facilities, all students could be taken to field visits including clinical visits to make them aware of modern healthcare facilities.	631
2018	1	1	14/09/2018	1	Guest lecture on Disruption of Globalisation: Opportunities Challenges	Easy availability of Industry experts facilitated interaction with students, due to their proximate availability.	618
2019	1	1	07/03/2019	2	International Conference on Signal Processing and	Easy availability of Keynote/ Invited Speakers from the	448

					<b>Integrated Networks (SPIN-2019). (Locational Advantage)</b>	<b>Industry, facilitated interaction with students, due to their proximate availability.</b>	
2018	1	1	17/12/2018	1	Seminar on "Emerging Technologies for Affordable Housing: Opportunities and Challenges" under the patronage of Ministry of Housing and Urban Affairs. (Locational advantage)	To disseminate challenges associated with emerging technologies in the area of affordable housing to all the stakeholders involved along with available opportunities for adoption.	445

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

Title	Date of publication	Follow up(max 100 words)
Student handbook (Code of conduct for students)	13/07/2018	Students handbook is published every year. It provides comprehensive information about the Amity Education Group, its academic structure, infrastructure, Code of Conduct for students, various accomplishments of the University and various student support centres. The handbook is structured for quick reference for the students as a hard/soft copy issued to all new students.
Regulations/ Directives for banning Ragging and Anti-ragging Measures highlighting conduct of students	02/07/2018	The booklet is published and distributed to students every year with an aim to maintain Ragging Free Campus status of the University by preventing any type of activity which amounts to ragging. The University has adopted stringent anti-ragging measures and provisions leading to strict punishments, in this direction, to offenders.

#### 7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Value of the Week - One value is selected by the faculty in charge and communicated to all. The same is discussed in class and practiced by one and all.	02/07/2018	28/06/2019	1160
One day National Conference Sanskrit Samwad - 2019 regarding 'Employment Opportunities for Sanskrit Graduates'.	22/02/2019	22/02/2019	998
Learning Spirituality through diverse philosophies - Lectures on Philosophies followed in Buddhism, Judaism, Islam	04/10/2018	18/10/2018	283
Ayurveda Health Camp	26/10/2018	26/10/2018	264
Spiritual Plays -Adhyatmik Jeevan, the activities consisted of enactment of stories taken from Mahabharata and based on the lives of thinkers great saints, philosophers and educationalist namely: Swami Vivekananda, Mother Teresa, Rabindranath Tagore,	19/09/2018	19/09/2018	258
Guest Lecture on Anandmay Jeevan - Acharya Krishana Deo is well-known personality in the field of Spirituality. He enriched everyone with this valuable and noteworthy reflections on the secret of blissful life.	06/09/2018	06/09/2018	255
Gandhi Jayanti Celebration 2018. The activity conducted were short movie screen a glimpse of the life of Mahatma Gandhi and Skit Competition on the Theme learning from Mahatma Gandhi	02/10/2018	02/10/2018	252
Blood donation Camp association with Rotary Blood Bank Rotary Club, Delhi City	12/09/2018	14/09/2018	221
Two Day National Seminar on Human Rights and its Contestation in the Contemporary Times	14/02/2019	15/02/2019	219
International Workshop on 'Ozone Day' and World Environment Health Day	24/09/2018	25/09/2018	217

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

Use of LPG replaced by PNG use in Cafeteria food outlets.

### Awareness for avoiding use of plastic within the Campus.

Use of Solar Power besides conventional power. 6.418 of power consumption is being met through solar power.

Replacement of conventional lights with LED.

Provision of new CNG Buses for transportation.

Building design with natural lightings.

Efficient Cooling towers for HVAC.

Wet Waste processing including composting machinery installed in AUUP.

A NOIDA Authority approved waste management agency AG Enviro has been hired to provide scientific handling storage and transporting of solid waste to designated Landfill site.

## 7.2 - Best Practices

### 7.2.1 - Describe at least two institutional best practices

I. Title of the Practice Internationalization (Study Abroad Programme) Practice 2. Objectives of the Practice Study Abroad Programme (SAP) is a unique opportunity extended exclusively to Amity students with an aim to provide excellent global exposure, widening the domain of thoughts, abilities and practices of the students. Any academically, intellectually competent, adventurous and smart student can spend 5 weeks in any of the Amity Global Campuses at London/ USA/ Australia / Singapore / Dubai to gain international experience. The academic curriculum of the SAP is world class and has been formulated by some of the best faculties in international arena. A student not only gains international exposure but also holistically develops his/her personality. 3. The Context The challenging features are to create an eco-system and motivate students and faculty to benefit and generate outcomes from SAP practice, which is highly enriched and helps in improving the soft skills of the students, understanding of new culture, studying from foreign faculty and open avenues for job opportunity in that country. The outcome of this practice has been that our students have successfully networked with foreign faculty and it has helped them in pursuing higher education, enhanced selection rate after gaining confidence and experience of learning globally. 4. The Practice The practice ensures that international experience is being offered to each and every student at the campus. It provides a unique opportunity wherein students are familiarized with our international campuses spread across the globe and gain knowledge from international experts through lectures and special classes conducted for them in those campuses. The programme gives them an edge over others by developing their skills, widening their horizon and boosting confidence. Experiencing and learning different cultures gives them better career options in this globally competitive environment. 5. Evidence of Success This practice has resulted into many



success stories. Students have got opportunities to visit Top ranked Global Universities of the World and gain from experiential learning. • 2200 students have taken international exposure through SAP in last five years. • Students got opportunity to visit the leading Universities in addition to global campuses of Amity Education Group: 1. Oxford University, UK, 2. Cambridge University, UK, 3. Brunel University, UK, 4. Northampton University, UK 5. Melbourne University, Australia 6. University of Canberra, Australia 7. RMIT, Australia 8. Deakin University, Australia 9. NUS, Singapore 10. Singapore University of Technology Design, Singapore 11. NTU, Singapore 6.

Problems Encountered and Resources Required No major problems countered as such. Motivating students when the programme initially commenced required persistent efforts. 7. Notes (Optional) The details of this practice can be found at the following link: <http://www.amity.edu/global-exposure.aspx> II. Title of the Practice Competency based Education led by Industry 1. Objectives of the Practice Competencies empower individual to perform in real world and make them able to earn their living better. This propelled Amity to come closer to the Industry, explore their requirements and produce fit-to-requirements professionals with below objectives: • To provide Globally "relevant meaningful" Education, • Professional Education, where skill to apply knowledge is integrated • Credible Education, reflected through International Accreditation • Education leading to Better Jobs and better RoI 2. The Context □ There is a need to reinvent the education system itself to keep pace with changing requirement of fast developing, instantly connected digitalized world where providing the knowledge is just not sufficient but application of knowledge is significantly more desired. □ The education system should re-invent itself to explore the geniusness of student and should equip him not only knowledge but must equip him with relevant competencies to be able to survive and grow. □ In the era of demographic dividend all Indians may not find suitable work of their liking in their country alone. Continuously growing older world offer huge opportunity for the talented but competent Indians to work abroad in good positions. 3.

The Practice □ Every programme of education lead students to certain industry, business, profession, practice or research where invariably some global professional bodies, industry councils, accreditation bodies may be working and may have a system of evaluating professionals or provide professional membership. Help of these bodies can be taken for correctly identification of competencies required under a specified profession. □ Institution can then identify career trajectories, linked with their programme and for each career trajectory competencies at entry, mid and higher levels can be identified with the help of industry/business/ professional bodies. □ Once the competencies are identified, they can be mapped with different courses. It has to be ensured that the courses must provide knowledge to back up the competencies. □ The pedagogy of teaching has to be innovative to deliver knowledge and competencies together. Learning has to be made more active instead of it being passive. Case studies, project work, field visits and field studies, etc. can be made an essential part of the pedagogy. □ Knowledge and skill of students has to be tested at the mid and end level of semester on the basis of defined "Students Learning

Outcomes (SLO)". It requires development of clear-cut, non-ambiguous and measurable parameters. In short the difference in practice will be as below :

- Demand-led as opposed to supply-led Curriculum, developed by Global Leaders of Industry instead of Academic experts
- Curriculum based on Global Competencies "required in-future" not on knowledge alone, this integrated relevant knowledge, skill to apply the knowledge and right attitude.
- Knowledge part delivered by Academicians while Skills to apply the knowledge delivered by Professionals drawn from Industry
- Knowledge as well as Competencies both are "tested separately" to award Grades. They are tested on same parameter, as Industry test them for recruitment
- Industry brings real-life problems to Students, who come with new ideas new Solutions. Industry mentor these ideas also Students to create entrepreneurs for the future

4. Evidence of Success

- With CBE, Amity became able to produce professionals, who have a competitive-edge in the market with their knowledge, skills, values and positive attitudes. They will find their right place in industry/business/professional world easily. Therefore their placement percentage is much higher with better Rate of Return.
- Amity has so far established following School on competency based education:
  1. RICS School of Built Environment Amity has collaborated with RICS for Competency Based Education in the specialized field of Real Estate, Infrastructure and construction since 2013. The programme has attracted good number of students and helped Indian Real Estate Construction Industry become more professionalized. Students have achieved global placements and overall 96 placement record with comparatively higher rate of return.
  2. CII School of Logistics The global competencies has been taken from American Production and Inventory Control Society, USA (APICS) and Chartered Institute of Logistics and Transport, UK (CILT). The school has several research challenges
    - To bring down the logistics cost to less than 10 of the GDP from current 14. This made Indian exports too costly.
    - Prepare professionals for logistics sector which require 40 million skilled Professionals from 22 million now.
    - Develop professionals who can create logistics IT backbone for the country.
    - Improve India's ranking in World Bank Logistics performance index from 35 to 15. The first batch of students who have been trained not only by academia but also by professionals of high order from industry is to pass in May 2018. Industry has already shown keen interest to absorb these students for their own growth.
  3. Amity Institute of Technology, with Tata Technologies This School has established six Competence Centers with the help of Tata Technologies where students are working on technologies and they will soon enter into long internship with Tata Technologies to have real-time experience.
  5. Problems Encountered and Resources Required
    - The most important problem incurred is the mind-set of traditional Academia, which is not ready to change from Knowledge based education to Competency Based Education.
    - The challenge Amity have faced with CBE is to effectively integrate theory and practices. Therefore challenges lies in practicalities like :
      - Can an individual acquire the knowledge and the skills they need solely through on the job training?
      - Is it possible to learn about a specific job if training is confined to a school?
      - Whether adequate number of industry/business/professional

avenues is available for the students to learn in actual life situation?  In traditional education system, theory was seen as an unnecessary obstacle imposed upon the students by academicians, as students failed to relate it to real life requirements.  With CBE, student can take ownership of one's own learning and can learn while learning. This will definitely increase student's interest and his learning experience as they can play a role in real life situation.  Research and innovation within the University has to be focused and made more relevant to the industry/business/profession so that the patents, research papers, innovations are really useful to the country.  Faculty Development Programmes and adequate motivation of the faculties will be required so that they develop close linkage with the industries.

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

<http://auup.amity.edu/NaaCFiles/73b6b114-a908-4138-a316-4f3a20de5301.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

Some of the key highlights of our research innovation initiatives are • Amity has undertaken over 300 funded projects out of which 163 projects are currently ongoing .These projects are funded by leading government and non-government organisation and international funding agencies funded /supported by major Science Technology organizations at National and International level such as Ministry of Environment Forests, Department of Science Technology, Council of Scientific and Industrial research, Department of Biotechnology, Ministry of Mines, Indian Council of Medical Research, Department for Scientific Industrial Research, Indian Council of Agricultural Research, Defence Research Development Organisation, Bill Melinda Gates Foundation, Leverhulme Trust of UK, Mirtec USA, USAID, Alexander vom Humboldt Foundation Germany, Dow chemicals, USA. • Amity faculty has filed over 1100 patents in last years of which 917 patents have been filed by Amity University Uttar Pradesh out of which 23 Patents have been granted in last few years. Amity has consistently retained its position as the single largest patent filing institution since 2012 next to all IIT's together. • Over 9000 research publications in journals of repute out of which 1400 research papers were published in 2018-19. 280 books / chapters were published in 2018-19 in Nature Publishing group, RSC Advances, Taylor Francis, Springer, Elsevier, Wiley Publishing. • Amity faculty have developed over 2000 case studies referred which have been referred by Harvard, MIT, Oxford, Stanford, etc. • Amity has facilitated a close interface with industries in commercialization and promotes International Collaboration for promoting cross fertilization of Research and Innovation. Some of the technologies which have been transferred recently to

Industries include Iodine Based Finger print powder for developing Latent Fingerprint, LPG Sensor, Herbal Mosquito Repellent, Rechargeable Fly Ash Battery, Rotonics: a plant root fungus which has close to 'magical' benefits for crops transferred, Herbal Colors, Biodegradable Plastic, Milk Adulteration Kit, Photocatalytic wastewater treatment Textile and dyeing industry, Nanomaterials for Dye Removal in water. In addition, a group of scientists at Amity University have generated Nano particle based concrete pebble and developed a pocket friendly WATER PURIFICATION DEVICE like a tea bag, Water testing Kit, Nano Silver Gel for wound healing, Indias First Tri-fuel Hybrid Concept Car (AMITY HYBRID CAR), Indias First 4WD BAJA Vehicle etc. Amity Innovation Incubators achievements include: a) More than 300 Companies Incubated (physical virtual) b) Ground breaking technologies being commercialized and utilized by groups such as Delhi Metro, LG Electronics, Microsoft, GreenSocs, Cadence Design Systems, Noida Traffic Police etc. c) 70 start-ups established by Faculties Students of Amity University d) Employment generated more than 3500 individuals e) 11 Incubatees funded under Support of Entrepreneurial and Managerial Development of SMEs through Incubators" f) Strategic collaboration with incubators in Europe, USA and Asia g) Risk Capital raised for 4 Incubatee Companies under SIDBI-SAS Scheme h) Over \$40m invested in Incubatee companies through Mergers Acquisition and Angel Investments i) Close ties with Venture Capita and Angel networks. j) Launched virtual Incubation in 17 cities like Mumbai, Ahmedabad,

Provide the weblink of the institution

<http://auup.amity.edu/NaaCFiles/7506f2da-c572-467f-9205-c51e46ba48d9.pdf>

## 8.Future Plans of Actions for Next Academic Year

(a) Thrust in facilitating Entrepreneurship Mindset through, (i) focus on helping students to develop their core and supportive skills by developing their hands on skills in different subjects, relevant case studies, discussions, debates, symposium etc, so that they enhance their knowledge and skills through learning, experience and experiment. (ii) consistently pushing and facilitating entrepreneurship growth and instilling an entrepreneurial mindset in students ensuing their contribution towards Nation building. (b) Thrust on Research and Innovation through, (i) focusing upon research in the areas of sustainability, development and employment generation. The whole idea of research is not only to increase publication and visibility but to respond to the requirements of the students and industry. This will be pursued with following strategies: • Increasing the relevance and impact of research and inquiry by communicating the same to the stakeholders. • Increasing Knowledge exchange with all sectors. • Greater global engagement through research partnerships and collaborations. • Expanding, enhancing and nurturing partnerships and networks with the public, private and not-for-profit sectors. (ii) focus on further strengthening the research potential of students, faculty members so as to improve quality excellence through research and development. This will be pursued through following strategies. • Nurture a vibrant

balanced academic and research environment • Enhance capabilities of faculty to focus on more funded projects. • Encourage Interdisciplinary research across departments and faculties. (iii) further strengthening industry connect in all its student empowerment and faculty skill upgradation programmes, in turn, benefitting industry also by providing suitable support in consultancy, training etc. (c) Thrust on Internationalization through, Re-engineered Study Abroad Programme (SAP), wherein students get a platform for experiential learning by gaining hands-on experience of foreign culture, industry and economic dynamics. Additionally, the students will get an opportunity to interact with the foreign faculty. (d) Alignment with Industry 4.0 - The New Age disruption driven by Industry 4.0 is changing the way businesses operate which in turn is affecting the job market and the kind of skills and talent organizations are looking for. Capped under the philosophy of Education 4.0, which is a derivative of the concept of Industry 4.0, AUUP strives to continuously improvise its curriculum and pedagogy keeping in mind that the education imparted is demand-led instead of supply-led. In order to prepare students for 5G technologies, there is a need to align Education 4.0 with Industry 4.0 and beyond i.e. Industry 5.0 which will happen with the implementation of 5G technologies. Amity University has taken the lead in adapting the curriculum to align with Education 4.0. Education 4.0 will require the below gradual paradigm shifts in the education: (i) Life-long learning instead of front-load learning (ii) Intense customization (iii) Competency based instead of Knowledge based learning. (iv) Incorporate disruptive technologies and skill set. (v) Emphasis on both Emotional as well as Intelligence Quotient.