

# The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

## Part – A

AQAR for the year (for example 2013-14)

2018-19

### I. Details of the Institution

1.1 Name of the Institution

NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY

1.2 Address Line 1

PLOT NO. – 19, Knowledge Park - II

Address Line 2

GREATER NOIDA

City/Town

G.B. NAGAR

State

UTTAR PRADESH

Pin Code

201306

Institution e-mail address

director@niet.co.in

Contact Nos.

120-2328132

Name of the Head of the Institution:

DR. VINOD M. KAPSE

Tel. No. with STD Code:

120-2328132

Mobile:

+91 9893914149

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHC0GN 18879)

OR

1.4 NAAC Executive Committee No. & Date:   
(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)

1.5 Website address:

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

#### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.23	2017	5
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

### 1.9 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing

### 1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

### 1.11 Name of the Affiliating University (*for the Colleges*)

AKTU, LUCKNOW, UTTAR  
PRADESH

### 1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and  
community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No.  Faculty

Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

(ii) Themes

Advancement in Computer techniques and research practices, Outcome based Education, Biotrendz, NCAWT, Machine Learning.

2.14 Significant Activities and contributions made by IQAC

Organisation of Smart India Hackathon, FDP on OBE, TECHNORBIT TECH-FEST

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
Dept. Academic Audit, Organizing Seminar, FDP, Invited Talks, Competitions, Tech Fest, Project Presentation, Attendance Review, Evaluation of Summer Training, Parents Teacher Meet, Founders Day, Sports Meet etc.	Organized such activities

\* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

## Part – B

### Criterion – I

#### I. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	NA	NA	NA	NA
PG	M.Tech(11)	3	3	2
UG	B.Tech(8)	NA	NA	
PG Diploma	NA	NA	NA	NA
Advanced Diploma	NA	NA	NA	NA
Diploma	NA	NA	NA	NA
Certificate	NA	NA	NA	NA
Others	NA	NA	NA	NA
<b>Total</b>	19	3	3	2
Interdisciplinary	NA	NA	NA	NA
Innovative	NA		NA	NA

##### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	YES
Trimester	
Annual	

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
*(On all aspects)*

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

*\*Please provide an analysis of the feedback in the Annexure*

##### 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

YES, UNIVERSITY MODIFIY THE SYLLABUS. IN FIRST ACTIVE MODEL CURRICULUM IMPLEMENTED.

##### 1.5 Any new Department/Centre introduced during the year. If yes, give details.

M.TECH DUAL DEGREE IN CSE, M.TECH IN AI CSE, M.TECH IN CYBER SECURITY, Ui Path, AI EXCELLENCE CENTRE, AUTOMATION ANYWHERE.

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	279	254	11	14	

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	127	00	7	0	5	0	16	0	155	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	52	00	00
Presented papers	165	36	00
Resource Persons	--	--	--

2.6 Innovative processes adopted by the institution in Teaching and Learning:

ICT BASED CLASSROOM TEACHING, ABL, PBL, MOCS, VIDEO LECTURE BY FACULTY.

2.7 Total No. of actual teaching days during this academic year

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.TECH	1451	20.46	74.39	2.89	0	97.74
MBA	120	15	67.5	16.67	0	99.17

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

IQAC has designed the contents of course file. Course files are checked during internal quality audit, course progress is reviewed on monthly basis, periodic project presentations, feedback from students, regular lab monitoring.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	00
UGC – Faculty Improvement Programme	00
HRD programmes	4
Orientation programmes	4
Faculty exchange programme	00
Staff training conducted by the university	3
Staff training conducted by other institutions	2
Summer / Winter schools, Workshops, etc.	18
Others	00

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	193	0	0	0
Technical Staff	400	0	0	0

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

IQAC PROPOSED TO ORGANISE CONFERENCES AND WORKSHOPS IN THE DEPARTMENT. TO SUBMIT THE RESEARCH PROPOSAL TO FUNDING AGENCY. AVUSHKAR BHOOMI LAUNCHED AT INSTITUTE LEVEL.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	05	05	
Outlay in Rs. Lakhs	--	24 Lacs	24 Lacs	

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	NIL	NIL	NIL	NIL
Outlay in Rs. Lakhs	NIL	NIL	NIL	NIL

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	31	0	0
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	38	21	-

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS & SCI

#### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2018-19	AKTU and AICTE	24 Lacs	12 Lacs
Minor Projects				
Interdisciplinary Projects	2018-19	MSYMC, Chamunda Paper Mill	26 Lacs	26 Lacs
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total	2018-19		50 Lacs	38 Lacs

3.7 No. of books published - 03 i) With ISBN No.

ISBN: 9786200278166  
 ISBN: 9789386453877  
 ISBN: 9786200229748

Chapters in Edited Books : 00

ii) Without ISBN No. --

3.8 No. of University Departments receiving funds from

UGC-SAP -- CAS -- DST-FIST Rs. 50000  
 DPE -- DBT Scheme/funds --

3.9 For colleges

Autonomy  CPE  DBT Star Scheme   
 INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy 26 Lacs

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	1			
Sponsoring agencies	CSI	AKTU			

3.12 No. of faculty served as experts, chairpersons or resource persons 14

3.13 No. of collaborations International 01 National 01 Any other

3.14 No. of linkages created during this year 06

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College   
 Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	--
	Granted	--
International	Applied	05
	Granted	--
Commercialised	Applied	--
	Granted	--

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
3	1	2				

3.18 No. of faculty from the Institution  
who are Ph. D. Guides   
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level   
National level  International level

3.22 No. of students participated in NCC events: NA

University level  State level   
National level  International level

3.23 No. of Awards won in NSS: NA

University level  State level   
National level  International level

3.24 No. of Awards won in NCC: NA

University level   
National level  State level   
International level

3.25 No. of Extension activities organized

University forum  College forum   
NCC  NSS  Any other

### 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Tree Plantation
- Donation of clothes
- Donation of books and stationary
- Village adoption under AICTE scheme
- Nukkad Natak

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	13.85	Nil	Nil	13.85
Class rooms	113	Nil	--	113
Laboratories	86	11	PTC/NIET	97
Seminar Halls	12	--	--	12
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.		65		--
Value of the equipment purchased during the year (Rs. in Lakhs)		6 Cr	PTC/NIET	--
Others	--	--	--	--

#### 4.2 Computerization of administration and library

LIBRARY AND OFFICE ARE ALREADY COMPUTERISED AND FEW ADDITIONAL FEATURES HAVE BEEN INCORPORATE IN THE INSTITUTE ERP.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	90764	30858656	637	349693	91401	31094695
Reference Books	36866	12066249	1866	236039	38732	12415942
e-Books						
Journals					198	592644
e-Journals						
Digital Database						
CD & Video					6975	
Others (specify)						

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1253	24	140 mbps	607	550	20	45	31
Added	370	06	200 mbps	370	-	-	-	-
Total	1623	30	200 mbps	977	550	20	45	31

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Reliance Jio WiFi, CISCO Cyber Security, Networking Training by CISCO, Excel & ERP Training.

4.6 Amount spent on maintenance in lakhs :

i) ICT	1.62
ii) Campus Infrastructure and facilities	
iii) Equipments	5.36
iv) Others	
<b>Total :</b>	6.98

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Awareness through meetings with students, notices, banners, Emails and digital circulation

#### 5.2 Efforts made by the institution for tracking the progression

Orientation Programme, Students Performance Report (SPR) is maintained for each student, faculty mentors appointed for each student, regular mentor-mentee meeting

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
4184	131	0	0

#### (b) No. of students outside the state

468

#### (c) No. of international students

0

Men	No	%	Women	No	%
	3514	84		670	16

General	Last Year					Total	This Year					Total
	SC	ST	OBC	Physically Challenged	General		SC	ST	OBC	Physically Challenged		
3148	147	10	1321	0	4626	2903	136	8	1268	0	4135	

Demand ratio -- Dropout % 1.0

#### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Pyramid Finishing School, Cambridge English, Khan Academics , IAS Coaching.

No. of students beneficiaries

400

#### 5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	29	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	-

### 5.6 Details of student counselling and career guidance

Mentor-Mantee System, Interaction with Industry Experts, HR & Academicians.  
 Specific Training like PEGA, ROBOTICS, PTC CREO, AUTOMATION etc.

No. of students benefitted

### 5.7 Details of campus placement

	<i>On campus</i>	<i>Off Campus</i>	
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
260	1400	929	101

### 5.8 Details of gender sensitization programmes

Aseem Nari Shakti (NGO) organizes gender sensitization programmes.

### 5.9 Students Activities

#### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level	<input style="width: 30px; text-align: center;" type="text" value="23"/>	National level	<input style="width: 30px; text-align: center;" type="text" value="15"/>	International level	<input style="width: 30px; text-align: center;" type="text" value="--"/>
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#### No. of students participated in cultural events

State/ University level	<input style="width: 30px; text-align: center;" type="text" value="18"/>	National level	<input style="width: 30px; text-align: center;" type="text" value="12"/>	International level	<input style="width: 30px; text-align: center;" type="text" value="--"/>
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#### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level	<input style="width: 30px; text-align: center;" type="text" value="10"/>	National level	<input style="width: 30px; text-align: center;" type="text" value="2"/>	International level	<input style="width: 30px; text-align: center;" type="text" value="1"/>
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Cultural: State/ University level	<input style="width: 30px; text-align: center;" type="text" value="7"/>	National level	<input style="width: 30px; text-align: center;" type="text" value="--"/>	International level	<input style="width: 30px; text-align: center;" type="text" value="--"/>
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### 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	26	1,80,000
Financial support from government	1116	-
Financial support from other sources	80	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level   
Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: \_\_\_\_\_ NO \_\_\_\_\_

## Criterion – VI

### 6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

**VISION:** “To be an institute of academic excellence in the field of education, with the future plan of becoming a deemed university, earn name & hence win faith of the society.”

**MISSION:** “To impart to its students, high quality education, develop their skills, broaden their mental horizon and nurture them into competent & talented professionals to meet the challenges of the new millennium.”

6.2 Does the Institution has a management Information System

YES

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Beyond syllabus teaching is in practice. Suggestion sent to university.

6.3.2 Teaching and Learning

ICT based, Activity based, Project based learning are in practice.

6.3.3 Examination and Evaluation

PUT Examination along with 2 Sessional tests are organised.

6.3.4 Research and Development

Incentivise given to faculty members for publishing paper in SCI journals.

Aviskar Bhumi scheme is for funding new ideas.

Every year prizes are given to the best UG project selected under CDC Cell.

6.3.5 Library, ICT and physical infrastructure / instrumentation

ICT based equipments are installed in every classroom/lab.

An Industrial Robot, 3-D Printer and 3-D Scanner is purchased.

6.3.6 Human Resource Management

ERP is used for Human resource management. It is upgraded every year.

6.3.7 Faculty and Staff recruitment

As per AICTE guidelines.

6.3.8 Industry Interaction / Collaboration

HR Conclave is organised. MOUs have been signed with various industries.

6.3.9 Admission of Students

Through UPSEE , JEE Mains, MAT and on the basis of Test at institute.

6.4 Welfare schemes for

Teaching	Medical Facilities
Non teaching	Medical Facilities
Students	Medical Facilities, Scholarship, Book Bank, Free Training etc.

6.5 Total corpus fund generated

50 Cr

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	YES	YES	YES	YES
Administrative	YES	YES	YES	YES

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes

Yes

No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Institute don't have any authority to make reforms.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

No significant effort.

6.11 Activities and support from the Alumni Association

Alumni meet is organized in every semester. Technical support, feedback on curriculum.

6.12 Activities and support from the Parent – Teacher Association

PTM is organised in every semester. Parents support in feedback on infrastructure and helps in organizing industrial visits.

6.13 Development programmes for support staff

Basic training of computer and communication classes are organized for staff.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Solar panels are installed in the campus.

Tree plantation is done on various occasions.

STP is in the campus.

## **Criterion – VII**

### **7. Innovations and Best Practices**

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Evening classes in Innovation labs has been incorporated from 5:00pm to 8:00 pm addition with the regular classes in innovation labs from 9:30am to 4:30pm, Extended week activities, Mentor-mentee meeting.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the

beginning of the year

Labs on latest technologies have been established. Recommendation for the promotion of faculty members has been made.  
Participation in activities organized by Incubation centre.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

Mentor-mentee program and skill development programme.

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

Solar power plant is installed, sewage treatment plant installed, tree plantation drive organizes regularly.

7.5 Whether environmental audit was conducted? Yes  No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Institute is looking forward to become Autonomous and to recruit more PhD faculties.

## **8. Plans of institution for next year**

To get NBA accreditation for Mechanical, Computer Science and Electronics & Communication Engineering, to organize international conferences to get patent, to establish advance labs in EN & Civil, to start faculty exchange programme, to focus on publication of more research papers.

Name \_\_\_\_\_

Name \_\_\_\_\_

\_\_\_\_\_  
*Signature of the Coordinator, IQAC*

\_\_\_\_\_  
*Signature of the Chairperson, IQAC*

\_\_\_\_\_\*\*\*\_\_\_\_\_

**Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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