

**The Annual Quality Assurance Report (AQAR) of the IQAC  
(For the period 2017-2018)**

**Part – A**

**1. Details of the Institution**

1.1 Name of the Institution

**Institute of Technology & Science**

1.2 Address Line 1

Mohan Nagar

Address Line 2

Ghaziabad

City/Town

Ghaziabad

State

U P

Pin Code

201 007

Institution e-mail address

itsmn@its.edu.in

Contact Nos.

0120- 2811000, 2811111

Name of the Head of the Institution:

Dr Ajay Kumar

Tel. No. with STD Code:

0120 - 2811118

Mobile:

9811610356

Name of the IQAC Co-ordinator:

Dr V N Bajpai

Mobile:

08447744061/ 8178919086

IQAC e-mail address:

iqac@its.edu.in

## 1.3 NAAC Track ID

UPCOGN14318

## 1.4 Website address:

www.its.edu.in, www.pg.its.edu.in

## Web-link of the AQAR:

www.pg.its.edu.in/NAAC\_IQAC.html

## 1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.11	2011	2016
2	2 <sup>nd</sup> Cycle	A	3.17	2017	2022
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

## 1.6 Date of Establishment of IQAC : DD/MM/YYYY

10/11/ 2011

## 1.7 AQAR for the year

2017-18

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. First AQAR 2017-18 after 2<sup>nd</sup> Cycle Assessment & accreditation

## 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 Yes  Men  Women

Urban  Yes Rural  Tribal

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

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

#### 1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management  Yes

Others (Specify)

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

Dr A P J Abdul Kalam University,  
Lucknow (UPTU) for MBA & MCA

#### 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	<input type="text" value="4"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="1"/>
2.3 No. of students	<input type="text" value="3"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="3"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="1"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="1"/>
2.8 No. of other External Experts	<input type="text" value="1"/>
2.9 Total No. of members	<input type="text" value="15"/>
2.10 No. of IQAC meetings held	<input type="text" value="2"/>
2.11 No. of meetings with various stakeholders:	Students <input type="text" value="2"/> Faculty <input type="text" value="2"/>
	Non-Teaching Staff <input type="text" value="2"/> Alumni <input type="text" value="1"/> Others <input type="text" value="1"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="checkbox"/> No <input type="checkbox" value="No"/>
If yes, mention the amount	<input type="text" value="-"/>
2.13 Seminars and Conferences (only quality related)	

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

Total Nos.	<input type="text" value="5"/>	International	<input type="text" value="1"/>	National	<input type="text" value="4"/>	State	<input type="text" value="0"/>	Institution Level	<input type="text" value="0"/>
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(ii) Themes

1. International Conference on “Globalization: Prospects and opportunities for a new India” Finance Seminar on ‘Volatility Spillover of Each Sector Across Financial Markets’ on 7<sup>th</sup> April, 2018.
2. Business Summit 2018 “New Frontiers of India: Skill, Speed and Startups” on 17<sup>th</sup> February, 2018.
3. I.T.S Utkrisht Marketing Awards on 25<sup>th</sup> November, 2018
4. National ICT Summit on "New India Vision ICT in Nation Development" on 18<sup>th</sup> November, 2017.
5. Digital India Conclave-2017 on "New India: Challenges & Opportunities" on 7<sup>th</sup> October, 2017.

#### 2.14 Significant Activities and contributions made by IQAC

- Successfully organised visit of NAAC peer team on 6-7<sup>th</sup> February, 2017.
- Institute has been accredited again under “A” grade with the score of 3.22. (2<sup>nd</sup> Cycle)
- Submitted application for extension of NBA accreditation for the year 2018-19.
- Institute has been accredited by International Accreditation Organisation (IAO), USA in Feb, 2018.
- I.T.S Utkrisht Marketing Awards was organised in which organisations from various industries were awarded for Excellence under 20 categories.
- Orientation programme for the students at the beginning of each of the programme (PGDM/MBA/ MCA).
- Rigorous personality development programmes for students to increase employability quotient.
- Promoting inter institute competitive events to widen learning opportunities.
- Digital India Conclave top most executives on board was organised .
- Students’ involvement in social and community services under Uthan & Utkarsh lab.
- Organised inter institute Summer Internship Project Competition for management students.
- Strengthened and leveraged Alumni association with Institute by involving alumni in various institutional activities throughout the year.
- Unique sports events like FCL, FFL, Sports meet have been introduced.
- State level chess tournament have been organised successfully.
- Focus on workshops for student learning.
- Learning through webinars on the topic of relevance.
- Celebrated Vigilance Awareness week during 30.10.2017 to 04.11.17 and Swacchta Pakhwada.
- Celebrated 70<sup>th</sup> Year of independence and 75<sup>th</sup> Year of Quit India Movement during 09<sup>th</sup> -31<sup>st</sup> August, 2017

#### 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
<ul style="list-style-type: none"> <li>• Organising Business Summit in place of Functional seminars .</li> <li>• Organising I.T.S Utkrisht Marketing Awards to felicitate organisations for Excellence in respective fields.</li> <li>• Organising a Digital Conclave meet.</li> <li>• Participation in rankings of known institutions/ bodies.</li> <li>• Strengthening bonds and tie ups with professional bodies/ institutions.</li> <li>• Organising one international conference.</li> <li>• Focus on learning outcome on the part of students through delivery based pedagogy.</li> <li>• Focus on conducting MDPs for different level executives and FDPs.</li> <li>• Strengthening learning outcome based on Industry interaction through Guest lectures, CEO talks, Seminar / conferences, industry visits etc.</li> <li>• Enlarging activities and support from the alumni association</li> <li>• Promoting research culture among faculty members through writing research papers/ books.</li> <li>• International exposure to the students through foreign visit, lectures of International speakers and interaction with foreign students etc.</li> <li>• Extending community services</li> <li>• Exposure through participation of students in various live discussions of media houses.</li> <li>• Promoting value based education and exposure to Indian culture through cultural programmes of famous artists.</li> <li>• Promoting sports events.</li> </ul>	<ul style="list-style-type: none"> <li>• National level seminar organised : 04</li> <li>• Digital India Conclave was organised with the top level executives from best of the news channels on 7<sup>th</sup> October, 2017.</li> <li>• International conference was organised on 7<sup>th</sup> April, 2018.</li> <li>• Research papers have been published in the form of compendium.</li> <li>• Compendium was published in ICT Summit.</li> <li>• Faculty Development Programme conducted: 05</li> <li>• Special sessions for faculty.</li> <li>• Faculty participation in FDPs outside the Institute : 11</li> <li>• Conducted DST sponsored Entrepreneurship Awareness camps and FDPs</li> <li>• Research Contribution of the faculty <ul style="list-style-type: none"> <li>○ Research papers in International Journals : 08</li> <li>○ Research papers in International conference proceedings : 11</li> </ul> </li> <li>• Industry/ Academia Interaction : <ul style="list-style-type: none"> <li>○ Guest Lecture Organised : 102</li> <li>○ Guest Lecture by Foreign Faculty/ experts :</li> </ul> </li> <li>• Alumni meet of Management courses on 16<sup>th</sup> December, 2017 &amp; IT on 08<sup>th</sup> December, 2017</li> <li>• Book published / souvenir / compendium : 03</li> <li>• Faculty participation in other academic activities outside :80</li> <li>• “Paramarsh” Career counselling by senior alumni members.</li> <li>• 50 +Community service activities undertaken throughout the year.</li> </ul>

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

**Annexure: 01**

2.16 Whether the AQAR was placed in statutory body      Yes     Yes    No      
    Management     Yes      Syndicate     -      Any other body     -

Provide the details of the action taken

Most of the recommendations for quality enhancement of the Institutions given by the peer team for NAAC accreditation in 1<sup>st</sup> Cycle have been implemented during the year 2011-12, 2012-13, 2013-14, 2014-16, 2015-16 and 2016-17. The Peer team visited Institute in the month of February, 2017 for 2<sup>nd</sup> cycle accreditation and found the progress of institute satisfactory. As a result Institute has been re-accredited under “A” grade with higher score. Based on the recommendations of 2<sup>nd</sup> cycle accreditation, following efforts have been made in the year 2017-18 to ensure implementation of such recommendations:

- Widen exposure of students though participation in Live shows of media houses like Zee TV, Aaj Tak, India TV, NDTV etc. On the topic of relevance.
- Outstanding association certificate, cash incentive of upto Rs.30000/- and leave for 5 days for family trip to the faculty & staff who have completed 10 years and 5 years of their employment with ITS.
- Organised International conference to promote research among academicians.
- Organised Digital India Conclave to provide budding managers & technocrats an opportunity for listening to and interacting with the top most leaders of the industry.
- Strengthened alumni engagement for better value delivery.

## Part – B

### Criterion – I

#### 1. 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	01		01	
PG	02	01	03	
UG				
PG Diploma	01		01	
Advanced Diploma				
Diploma				
Certificate				
Others				
<b>Total</b>	04	01	05	00

Interdisciplinary				
Innovative				

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

The academics of MBA & MCA programmes are governed by the affiliating University. Course structure and syllabus is decided by the University. In MBA programme students are offered specialisation in dual mode. Elective options are available for the students to choose from.

In PGDM programme the following Two types of specialization options are available to the students of (2017-19) batch, in third trimester of the course. Students have a liberty to choose any one option out of these two. One has to opt for total twelve (12) electives in second year.

**Major specialization:** Under this option, a student has to opt for total eight (08) elective papers from any one of the specialization areas (Marketing/ Finance/ HR/ IB/ IT/ Operations) out of which two compulsory electives from major area should be selected in term III, remaining six (06) electives can be opted in IV and V trimester as 3; 2 and 1 electives respectively. The remaining 04 papers i.e. (12 - 8 = 04) can be opted in III, IV, V and VI term as 1, 1, 1 and 1 respectively from one respective area of minor specialization only.

**Dual Specialization:** Under the dual specialization option, a student has to select any two specialization areas out of the specialization areas available ((Marketing/ Finance/ HR/ IB/ IT/ Operations) and has to opt for six (06 +06) elective papers from the basket of each of these two specialization areas. Out of



which two compulsory electives should be selected based on the specialization area of their summer internship and remaining four elective from that area should be opted in term IV, V and VI as 2, 1 and 1 respectively. The six elective from other specialization area should be opted in term III, IV, V and VI as 1, 2, 2, and 1 respectively.

#### **Elective/ Specialization Areas Offered**

- Marketing Management
- Financial Management
- Human Resource Management
- International Business
- Information Technology
- Operations Management

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	03 (MBA, MCA, MCA-LE)
Trimester	01 (PGDM)
Annual	00

1.3 Feedback from stakeholders\* (On all aspects)

Alumni  Yes Parents  Yes Employers  Yes Students  Yes

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

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

**Annexure: 03**

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects. The curriculum for MBA & MCA programmes is decided by the affiliating University for each year/semester.

In PGDM programme, every year course curriculum is reviewed to make it better in-terms of meeting industry expectations. Experts from the Industry and academia are invited to review the course content and suggest modifications, as may be required.

During academic year 2017-18, reviews have been done in the month of May- June, 2018 in the following functional areas:

- Marketing , Finance, Human Resource, International Business, Information Technology, General Management

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

Nil

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	88	67	6	9	6

2.2 No. of permanent faculty with Ph.D.

25
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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
-	-	-	--	-	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

-	11	-
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2.5 Faculty participation in conferences and symposia: (IT)

No. of Faculty	International level	National level	State level
Attended	13	10	
Presented papers	5		
Resource Persons	2	2	

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

- Organised Digital Conclave Meet to provide wider opportunity to the students to complement learning through quality industry input.
- Organised International conference to promote research among learners.
- Delivery based, learner centric pedagogy
- Foreign tour to UAE for all the students of PGDM programme and for meritorious students of MBA with focus on academic & industry exposure
- Partial coverage of the course by Industry experts through course specific guest lectures.
- Regular Guest lectures, Seminars on contemporary issues, and Workshops under industry interaction initiative
- Industrial tour, live projects for the students
- PDP/ Value added programmes for students
- Classes on advance Big Data & Hadoop, SMAC – Social Media - Mobility- Analytics & Cloud, Cloud CRM, Cyber Security, ERP, MOOCS and New Age Teaching Learning Pedagogies,
- Classes on advance Excel, Tally, SPSS and financial modelling
- Special classes on JAVA, dot Net etc.
- Events like Marketing conclave, Retail show, Samagra, Sanrachana, I.T.S Utkrisht Marketing Awards.
- Faculty and students participating in MOOC courses
- Active NPTEL centre

2.7 Total No. of actual teaching days during this academic year 180

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

MBA & MCA are University affiliated programmes. Hence Institute follows the guidelines laid by the University for Internal and End term examinations.

Apart from the university laid guidelines the students of these programmes are given time to time assignments, presentations and surprise class tests.

In PGDM programme, I.T.S follows a system of continuous assessment. Throughout the term, the student is tested on his/ her ability to understand concepts, learn techniques and apply them to solving the problems of real world.

Evaluation is based on internal assessment and end term examination. End term examination is of 60 marks. Internal assessment comprises of 40 marks. Various components of internal evaluation are assignments, case analysis, Quiz test, presentations etc. A ten (10) point grading scale is used.

For each component of evaluation, the faculty member communicates the performance of the student through marks only.

At the end of the course, the faculty member aggregates on all the components of evaluation using the weights he/ she has prescribed in the lesson plan.

The trimester Grade Point Average (GPA) is to be calculated by computing the sum of the grade point in respective subjects multiplied by their respective credits, and dividing it by the total credits for all the subjects in the trimester.

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

0	3	2
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2.10 Average percentage of attendance of students

75%
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## 2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
MCA (2015-18)	96	53.125	46.8	-	-	100
MBA (2016-18)	180	12.77	92.77	5.55	-	94 (clear pass)
PGDM (2016-18)	179	5.58	50.83	33.51	6.70	100

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

IQAC plays a key role in improving the Teaching – learning processes through the following measures:

- Learner centric pedagogy with focus on student involvement & participation.
- Internal/External marks are analysed and measures are taken to improve the performance of the students by providing special guidance and arrangements of extra classes, if required.
- Monitoring through Academic daily Report and Weekly reports.
- Conduction of curricular and co curricular activities to take place with the help of various active committees and functional clubs.
- Encouraging student participation in activities organised by other institutions.
- Student feedback is collected in each subject for evaluation about the level of teaching and understanding.
- Providing larger platforms to the students for competition by conducting inter institute competitive events.

2.13 Initiatives undertaken towards faculty development: Faculty members are forwarded for Refresher and Orientation Courses:

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	Faculty Development Programmes and MDPs organised by the Institute : 05
	Faculty Participation in FDPs and other events organised by other Institutions : 120
	Staff Development programmes Organised by the Institute : 3

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	40	-	09	-
Technical Staff	26	-	01	-

### Criterion – III

#### 3. Research, Consultancy and Extension

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

- Encouraging students to carry out Summer Internship and Dissertation projects under the guidance of faculty mentor and Industry mentor.
- Faculty as reviewer of International Journals.
- Publication of Research Journal at institute.
- Participation in Webinars.
- Motivating teachers for Research Work, Publishing Articles in the reputed International & National Journals.
- Encouraging faculty members and students to participate in seminar & conferences.
- Research Incentive scheme for faculty.
- Free subscription of magazine and daily newspaper for the faculty.
- Leave for research work.
- Organising International conference & National seminars on the theme of relevance.
- Online database like DELNET, Capitaline, National Digital Library of India.
- Interaction with foreign experts through videoconferencing.
- Encouraging Faculty participation in MOOC courses.

##### 3.2 Details regarding major projects

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

##### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	00		-	-
Outlay in Rs. Lakhs	-	-	-	-

##### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	8		-
Non-Peer Review Journals	-	2	-
e-Journals			
Conference proceedings	15		
News Letter			Institute publishes quarterly newsletter, IT E- Magazine (Vibrance),

## 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

**Annexure : 2 (Sample list of Impact factor )**

## 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				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total	Nil			

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

## 3.8 No. of University Departments receiving funds from (not applicable)

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

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

3.10 Revenue generated through consultancy

## 3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	4	-	-	-
Sponsoring agencies		Self			

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

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year 0

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	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

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
-	-	-05		-	-	

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:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.23 No. of Awards won in NSS:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="-"/>		
NCC	<input type="text" value="-"/>	NSS	<input type="text" value="-"/>	Any other	<input type="text" value="-"/>

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

Institute is socially responsible and offers community services through social initiatives “Parivartan”- the Slum Education Programme and “Uthan”- the Social club for poor meritorious students on a regular basis. Students of MBA have adopted poor students of neighbouring schools for conducting sessions on education and hygiene at campus on Sundays. The programme was launched on 26<sup>th</sup> January 2013. Students of I.T.S voluntarily join for this noble cause of educating children in slum areas. Summary of such social programmes conducted in the year 2017-18 is as follows:

**Educating students of the socially underprivileged class (Parivartan)**

- 50+ activities/classes conducted in the Slums of Ghaziabad.

**Facilitating Meritorious Students from financially deserving class (Utthan Lab)**

- 15+ Activities/classes conducted in the ITS, Ghaziabad campus.

**Other CSR Activities:**

- Dental & Medical Check-up Camp
- Donation of Blankets & Old Clothes
- Cancer Awareness Programme
- Tobacco and Drug Addiction Awareness Campaign
- Massive Plantation Drive
- Blood Donation
- Dental Check up

## 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 ( in acres)	5.51	00	Internal	5.51
Class rooms	24	00	Internal	24
Laboratories	07 Computer Labs	100 systems replaced with latest configuration	Internal	-
Seminar Halls	02 02 Auditorium		Internal	04
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	-.		-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	19000179.00		Internal	-
Others	3 Board rooms 2 Common Rooms. 3 Syndicate rooms			

#### 4.2 Computerization of administration and library

##### Computerisation of Administration:

Students of MBA & MCA Programmes are admitted through UPSEE. Computerized records of related aspects of students are developed and maintained for different uses.

In MBA & MCA programmes, the details related to attendance, internal assessment and examination form of students are uploaded on university website through Institute login. Examinations are conducted as per the university pattern and guidelines. Results of each semester are announced by the University on its website. The marksheet of students are being made available to the Institute by the University for issue to the students. Degree is being conferred at University Convocation function.

In PGDM programme the fully computerized Academic Programme Office takes care of all the examination related issues including the display of trimester wise results and preparation of mark-sheet and certificate under the supervision of Registrar and Examination Controller. Diploma to such students is being conferred during Convocation ceremony organized by the Institute every year.

##### Computerisation of Library:

- Air-conditioned Library
- Access to online Journals
- Subscription of online databases like Capitaline, Ebesco.
- Library Automation
- Separate reference section
- Separate reading section with seating capacity of 200 students.

- Computerized title / book search facility
- Computerized access, issue and return facility
- Separate computerized research section
- Hard bound copies of old newspapers and periodicals

#### 4.3 Library services:

	Existing		Newly added		Total	
	No. (till 30.06.2017)	Value	No. (01.07.2017- 30.06.2018)	Value	No.	Value
Text Books	42109		75		42184	
Reference Books	2425		40		2465	
e-Books	0		-		-	
Journals	90		-		90	
e-Journals	1102		-		542	
Digital Database	2	366089	-		2	117700
CD & Video	3345		22		3365	
Others (Old Bound Journals)	1552		40		42184	

#### 4.4 Technology up- gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	471	07	(10+8+4) MBPS	07	-	-	-	10 Library 4 CRC
Added	09		(90+2+6) MBPS					4 Library + 5 IoT lab
Total	480	07	(100+10+10) MBPS	7	-	-	-	399+62+5+14= 480 (All Labs + External Users + IoT Lab + Library L)

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

The Institute offers round the clock high speed Internet connectivity throughout the campus through its scalable high end optical fibre and highly secured Wi-Fi network including Boys and Girls hostels, cafeteria, library, auditoriums, seminar halls, and class rooms. Students from all the courses are provided latest laptop/ computers to help and aid them during their academic stint and the availability of high speed Internet make an exceptional blend of a tool for research and educational conveyance.

The students are also imparted training for the effective and efficient use of these resources for their academic fulfilment.

The Institute also impart training on Office productivity and skill enhancement to the staff members with the involvement of the faculty members and help them sharpen their skill to the mark of perfection. Staff personnel are trained on new technology, as may required.

To make the Teaching Learning process more effective some classrooms are empowered with the technologically advanced “Smart Boards”. These boards again act as a vital tool in making the class room delivery more effective and the faculty members also enjoy using this tool as it offers a great flexibility in terms of managing multiple boards on a single boards using their laptop computers, and proving the hand-outs immediately after the end of the lecture to the students.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	Rs.2015210.00
ii) Campus Infrastructure and facilities	Rs.9297706.00
iii) Equipments	Rs.107283.00
iv) Others	Rs.4668282.00
<b>Total :</b>	<b>Rs.16088481.00</b>

## Criterion – V

### 5. Student Support and Progression

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

- Ensuring proper display and sending information through mails to the students about student support services.
- Monitoring the activities of various cells like career guidance and counselling cell, grievance cell as well as functional club.
- Individual attention to the students by faculty mentorship programme.
- Discussion about the student Support services during formal meeting with students.
- Feedback of students on academics and facilities.
- Rule book related to academic norms, library, hostel and other related norms is given to the students.
- Development of Gym and other sports facilities for students.

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

The progression is tracked by the feedback of students and stakeholders about the Institute, processes etc

##### 1. Student feedback

The student assessment of teachers is in place for all the subjects in all the programmes (MBA, MCA & PGDM). It is done through filling up of online faculty/ subject feedback form by the students on eleven parameters of assessment.

The composite feedback on each subject is shared with the concerned faculty by the respective Directors.

In case of lower feedback; concerned faculty is being counselled individually by the Director and the action points to improve the feedback further is discussed and detailed down.

##### 2. Feedback from stakeholder

- Feedback from the visitors of the Institute during Guest Lectures, seminars, FDPs and other events is taken in the form of writing of their comments in Visitors' Diary.
- Feedback and suggestions about the alumni participation related event is collected informally and through mail.
- Parents of the students are invited in some of the Institute activity like Convocation, Merit and Performance Improvement Award etc. Institute collects the feedback and suggestions of parents of the students.
- Feedback is collected from the Industry mentors where students of PGDM and MBA programme undergo Summer Internship.

## 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
-	417		-

(b) No. of students outside the state

133

(c) No. of international students

00

Men

No	%
281	67

Women

No	%
136	33

Last Year (2016-17)						This Year (2017-18)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
330	22	1	73	111	446	297	28	1	109	0	417

Demand ratio 1: 1.5

Dropout 5 %

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

On demand of the students, coaching classes for competitive examinations like banks, Public sector units are conducted by the faculty members.

External experts for making the students ready for preliminary rounds of various companies visiting Institute for placements of the students are hired. Such classes help students in improving their mathematical ability, reasoning ability, and English comprehension skills.

No. of students beneficiaries

180

## 5.5 No. of students qualified in these examinations

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

## 5.6 Details of student counselling and career guidance

- The students of today are on the fast track to compete with one another to excel in every field. On the flipside they are subjected to a lot of stress and pressure. Most often these pent up emotions lead to depression or mishandled outbursts. To ease out these bottled up emotions Institute offers counselling and personal & professional guidance to the students through its faculty mentors. As mentors, faculty guide mentees in their personal and academic matters, and maintain a record of their academic and personal profile and progress through monitoring.

- Faculty members conduct some preparatory sessions and workshops for the students before appearing in the final interview process of the company.

No. of students benefitted : All students of final year

#### 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
66	457	140	232

#### 5.8 Details of gender sensitization programmes

One programmes on Gender Sensitization conducted by the Institute. All the female faculty and staff members participated in the programme. Women's day is also celebrated.

#### 5.9 Students Activities

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

State/ University level  National level  International level

##### No. of students participated in cultural events

State/ University level  National level  International level

##### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

#### 5.10 Scholarships and Financial Support

	Number of students	Amount(Rs)
Financial support from institution	-	7089030.00
Financial support from government	-	-
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil

## 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

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

## 5.12 No. of social initiatives undertaken by the students

## 5.13 Major grievances of students (if any) redressed:



## Criterion – VI

### **6. Governance, Leadership and Management**

#### 6.1 State the Vision and Mission of the institution

Vision: Creating a Thinking Professional Order

Mission: Making Incessant Efforts to Create Learning Processes

Objectives:

- Generating new learning techniques
- Improving teaching processes
- Expanding the information technology capacity
- Strengthening the industry interactive network
- Facilitating professional practitioners in searching their potential
- Inculcate team spirit among the learners

#### 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

The curriculum for MBA & MCA programmes is decided by the affiliating University for each year/semester.

In PGDM programme, every year course curriculum is reviewed to make it better in-terms of meeting industry expectations. Experts from the Industry and academia are invited to review the course content and suggest modifications, if required.

##### 6.3.2 Teaching and Learning

To make the inputs relevant and practical to the industry case based method of teaching is adopted. We also develop cases for teaching based on Indian experiences, which are used by the teachers in the classrooms. In the classrooms, the internal faculty inputs are supplemented with inputs from faculty of top most business schools of the country and industry executives through guest lectures/special lectures. Participation of students in seminar, softskills and skill based training are other means of learning.

### 6.3.3 Examination and Evaluation

MBA & MCA are University affiliated programmes. Hence Institute follows the guidelines laid by the University for Internal and End term examinations.

Apart from the university laid guidelines the students of these programmes are given time to time assignments, presentations and surprise class tests.

In PGDM programme, I.T.S follows a system of continuous assessment. Throughout the term, the student is tested on his/ her ability to understand concepts, learn techniques and apply them to solving the problems of real world.

Evaluation is based on internal assessment and end term examination. End term examination is of 60 marks. Internal assessment comprises of 40 marks.

A ten (10) point grading scale is used.

For each component of evaluation, the faculty member communicates the performance of the student through marks only.

At the end of the course, the faculty member aggregates on all the components of evaluation using the weights he/ she has prescribed in the lesson plan.

The trimester Grade Point Average (GPA) is to be calculated by computing the sum of the grade point in respective subjects multiplied by their respective credits, and dividing it by the total credits for all the subjects in the trimester.

### 6.3.4 Research and Development

We have definite plans to encourage faculty to do research, write articles in journals and magazines, submit papers in workshop and conferences etc. Towards this end, we already have various schemes for faculty- financial incentives, awards, provision of study leaves etc. These would be strengthened further so that faculty has enough time at its disposal to conduct research and publish the outcomes. Some of the key facilities are as follows:

- Leave for academic research
- Online databases like Ebsco, Delnet & Capitaline
- Separate research section with dedicated Computers in library
- Cash incentive scheme for research contribution
- Regular publication of National Journal “Synergy”
- Encouraging students for writing research papers and presentation at various platforms.
- Faculty participation in Seminar, conferences and other learning forums.

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

#### **Library Services:**

Institute has a well stocked library facility with the following salient features for its students and faculty members.

- Air-conditioned Library
- Access to online Journals
- Subscription of online databases like Capitaline, Ebesco, Delnet.
- Library Automation
- Separate reference section
- Separate reading section with seating capacity of 200 students.
- Computerized title / book search facility
- Computerized access, issue and return facility
- Separate computerized research section
- Hard bound copies of old newspapers and periodicals

#### **Use of ICT:**

- Use of Skype for lectures from the industry experts
- Live telecast of Union Budget for the students and post budget discussion with the experts
- Smart classrooms
- Wi-fi campus
- Web casting of seminars/ conferences
- Group Id creation
- Lecture through Video conferencing
- Regular webinar for faculty and students

#### **Infrastructure Facilities**

- 2 Auditorium with seating capacity 250 and 600 each, 2 Seminar Halls with seating capacity 150
- Girls' common room, Boys' common room
- 2 Board rooms with seating capacity 25
- 3 Syndicate rooms for small group activities
- Centralised RO for supply of clean drinking water
- ATM facility of PNB, Syndicate Bank and ICICI Bank.
- Spacious sports complex for indoor games like badminton, table Tanis, Carom, Chess etc.
- Well equipped Gymnasium with separate timings for boys and girls
- Tie up with stadium outside for outdoor games
- Well stocked canteen
- Outlet of Café- coffee day
- In-campus Clinic with qualified Doctor and support staff
- In-house kitchen & boarding facility for hostel students.
- Solar System in hostel

### 6.3.6 Human Resource Management

Institute has following in place to ensure the interest of human resource associated with it:

Faculty performance appraisal and promotion policy

- Pay scale prescribed by AICTE/ UGC .  
Allowances: DA, HRA, PF, Books and Periodical allowance.
- Leaves: The Institute provides the following types of leaves for the faculty and staff members.

Earned leave, Casual leave, Sick leave, Duty leave, Maternity leave, Compensatory leave, Study leave, Summer and winter vacation

- Others Benefits: Gratuity, Medical Insurance, Leave encashment, Advance money/ soft loan facility

#### 6.3.7 Faculty and Staff recruitment

Faculty members and staff members have been promoted and recruitment was done as per the requirement.

#### 6.3.8 Industry Interaction / Collaboration

A number of steps have already been taken in this direction. For example, special lectures/guest lectures by the practioners in the industry are already on. These would be strengthened further in the future with time bound action plan.

- Guest Lectures by Industry Experts Organised : 102
- Regular Company/ Industry Visit for the students
- Expert talk panel discussion during seminar/ conferences

#### 6.3.9 Admission of Students

Students of MBA & MCA Programmes are admitted through UPSEE. Computerized records of related aspects of students are developed and maintained for different uses.

Students in PGDM programme are admitted on the basis of composite scores / percentile of any National level management admission test like MAT, CAT, CMAT, ATMA etc. followed by performance in Group Discussion and Personal Interview.

#### 6.4 Welfare schemes for

Teaching	Soft loan facility, Medical Insurance Free medical & dental check up at I.T.S hospitals. Short leave/ flexi timing
Non teaching	Soft loan facility, Medical Insurance Free medical & dental check up at I.T.S hospitals.
Students	Medical & dental check up at I.T.S hospitals at subsidised rates.

## 6.5 Total corpus fund generated

Amount Collected through fees:	Rs. 318319161.00
Corpus fund generates through MDPs & Training:	Rs. 100000.00
Income from conduction of examination:	Rs. 252900.00

## 6.6 Whether annual financial audit has been done Yes No

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

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

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

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

For UG Programmes Yes No

For PG Programmes Yes  No

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

MBA & MCA are University affiliated programmes. Hence Institute follows the guidelines laid by the University for Internal and End term examinations.

Apart from the university laid guidelines the students of these programmes are given time to time assignments, presentations and surprise class tests.

In PGDM programme, I.T.S follows a system of continuous assessment. Throughout the term, the student is tested on his/ her ability to understand concepts, learn techniques and apply them to solving the problems of real world.

Evaluation is based on internal assessment and end term examination. End term examination is of 60 marks. Internal assessment comprises of 40 marks. Assignments, case analysis, online quiz are generally the part of Internal components.

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

NA

6.11 Activities and support from the Alumni Association

- Annual Alumni meet of Management Courses was organised on 16 December, 2017 & IT courses on 08<sup>th</sup> December, 2017
- Alumni interaction with the students during Orientation programme
- Guest Lectures by Alumni members
- Participation of Alumni members as Judge at various institutional events
- Mock Interviews of students by Alumni members
- Career counselling by senior Alumni members (Paramarsh)
- New letter is sent to Alumni members to keep them updated about the Institute activities
- Daily morning mailer containing links to important news.
- Alumni Reunion

6.12 Activities and support from the Parent – Teacher Association

Institute invites parents of the students on various Institute functions like Mata Ki Chowki, Convocation programme and student Merit Scholarship Award ceremony organised every year. Faculty members do develop connect and talk to parents of the students regarding attendance issue, academic progress of their ward, as required. Feedback/ suggestions are collected from such interaction. To keep parents updated about the performance of their ward, monthly attendance is sent.

6.13 Development programmes for support staff

Staff development programmes are undertaken as required every year which includes improving communication and writing skills, computing skills and behavioural skills etc.

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

Initiatives taken to make the campus eco-friendly are as follows:

- Use of plastic is discouraged inside the campus.
- Save electricity campaign
- Massive plantation drive inside and outside the campus
- Eco friendly infrastructure to make use of natural light
- Solar panel

## 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.

- Pedagogy/ delivery based Faculty Development Programmes
- Online HR software to regularise HR practices.
- Development of roadmaps for various courses.
- Focus on learning centric pedagogy
- Free subscription of business/ IT magazine and news paper for the faculty
- Use of eco friendly plants for welcoming the guest instead bouquet.
- Merit and Performance Improvement Award to the students in every semester/ trimester
- Partial coverage of the course by Industry experts
- Orientation programme before beginning of the programme

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

Some of the plans set at the beginning of the year have been implemented during the year 2017-18 and some are under implementation stage.

- Business Summit, Utkrisht Marketing Awards, Media Conclave and international conference have been organised with best of the speakers to address the event sessions.
- Alumni reunion was organised.
- Annual Alumni meet of Management Courses was organised on 16 December, 2017 & IT courses on 08<sup>th</sup> December, 2017.
- Summer Internship Project Competition was organised.
- During the year 102 guest lectures/ industry interaction were organised.
- Special classes were conducted for the weaker students.
- Training on soft skill to enhance employability. Classes on aptitude were conducted.
- Throughout the year as an ongoing continuous process Alumni members are invited to take part in various activities of the institute.

7.3 Give two Best Practices of the institution.

- Faculty & staff family get together
- Free subscription of magazine and news paper for the faculty
- Merit and Performance Improvement Award to the students in every semester/ trimester

#### 7.4 Contribution to environmental awareness / protection

- Use of plastic is discouraged inside the campus.
- Save electricity campaign
- Massive plantation drive inside and outside the campus

7.5 Whether environmental audit was conducted?      Yes  No

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

#### **Salient Features of I.T.S Mohan Nagar, Ghaziabad:**

- 23 years of excellence
- An ISO certified Institute
- NBA accredited PGDM & MCA programmes
- MBA equivalence by AIU for PGDM programme
- Ranked among Best B – Schools
- Conducive learning environment
- Proximity to National Capital
- Qualified and experienced faculty
- International study tour for Global learning and exposure
- Industry oriented curriculum for PGDM programme
- Industry interface through regular guest lectures by industry practitioners
- Collaboration with International Institutions
- Strong Alumni Network
- Resident doctor at campus attends medical / dental problems
- In campus ATM facility of Syndicate, PNB and ICICI banks.
- In- campus hostel & mess
- Power back up
- Centralised RO & water treatment facility
- Wi-fi connectivity
- Separate Gym facility for boys and girls.
- Received various awards.

#### **Recent Awards & Recognition received by the Institute:**

- Best Institution Nurturing Entrepreneurship and Employability Award by ASSOCHAM- 2018.
- International Accreditation by IAO, USA.
- Top ranked B- school in survey ranking -2018 of ELETS- Digital Learning.
- 9<sup>th</sup> among top B – school of UP by Education World India Higher Education Ranking 2018.
- 3<sup>rd</sup> among top B- school of Up by Higher Education Review, beyond IIMs, B School survey – 2018
- 7<sup>th</sup> among top B- school of North India by Competition Success review, B- school survey – 2018
- 15<sup>th</sup> among top B-school in North zone by Times B School 2018 survey.
- Best Management Institute by Newspapers Association of India – 2017.



## 8. Plans of institution for next year

Institute has planned the following activities for the year 2018-19.

- Continue with events like Business Summit, Utkrisht Marketing Awards, CXO meet and International conference. etc.
- To organize popular days of the year.
- Strengthening relationship with alumni through course wise alumni meets, as done in 2017 & 2017.
- Focus on Institute – Industry interaction through Guest lectures, MDPs, CEO Talks etc.
- Focus on MDP activities by developing MDP calendar for the year.
- Media exposure to the students through participation in live shows of media houses/ channels like- Aaj Tak, Zee News, NDTV etc.
- Developing relationship and collaboration with management associations and other related bodies/ forums.
- Improving the employability of the students by imparting value added modules and training on Ms Excel, SPSS, Digital marketing, Java, dot net etc.
- Undertaking projects sponsored by DST, Govt of India (Entrepreneurship Awareness Camps)
- Establishing incubator.
- Leveraging IT services: Videoconferencing, Webinars etc.
- To be centre for NPTEL courses & MOOC courses.
- Encouraging faculty & students to undertake online courses.



**(V K Saxena)**

Registrar

Institute of Technology & Science,

Mohan Nagar, Ghaziabad

13.12.2018



**Dr V N Bajpai**

Co-ordinator IQAC