



## Yearly Status Report - 2016-2017

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		IMS ENGINEERING COLLEGE
Name of the head of the Institution		Dr. Sraban Mukherjee
Designation		Director
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		01204940000
Mobile no.		9821396584
Registered Email		imsec@imsec.ac.in
Alternate Email		director@imsec.ac.in
Address		NH-24, Adhyatmik Nagar,
City/Town		Ghaziabad
State/UT		Uttar pradesh
Pincode		201015
<b>2. Institutional Status</b>		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr. Narendra Kumar
Phone no/Alternate Phone no.	01204940000
Mobile no.	8010568418
Registered Email	imsec@imsec.ac.in
Alternate Email	director@imsec.ac.in

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://imsec.ac.in/naac.html">http://imsec.ac.in/naac.html</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://imsec.ac.in/AcademicCalenderEVENSEM-2016-17.pdf">http://imsec.ac.in/AcademicCalenderEVENSEM-2016-17.pdf</a>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B	2.80	2009	30-Sep-2009	29-Sep-2014
2	A	3.04	2015	01-May-2015	30-Apr-2020

<b>6. Date of Establishment of IQAC</b>	04-Apr-2012
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### 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
Aptitude Classes for placement & competitive exams	01-Aug-2016 60	1224

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**8. Provide the list of funds 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
Dr. S. N. Rajan	Awareness Programme on Intellectual Property Rights (IPR) of Micro, Small Medium Enterprise	NMCP Scheme of DC-MSME	2017 365	100000
Mr. Mukesh Kumar & Dr. Pankaj Agarwal	Research Project titled "A Multipurpose Drone" under Visvesaraya Research Promotion Scheme	AKTU, Lucknow, U.P	2017 730	340000

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

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

1

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

Encouraging faculty and students to undergoes NPTEL/online courses.

Multiple set of question papers prepared for sessional examinations.

Emphasis on innovative live projects.

Use of ICT in Teaching-Learning Process

Applied for extension NBA Accreditation for third Year in CSE and ME Department and Initiate Application for NBA Accreditation for BT Department

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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
Research Publication	Faculty Publication: International Journals, National Journal, International Conference, National Conference, Research Contribution, Book (authored), Book (edited), Book Chapter, Student Publication: International Journals, National Journal, International Conference, National Conference
Remedial Classes	Better Academic Result
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**14. Whether AQAR was placed before statutory body ?**

No

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

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2017

Date of Submission

13-Jun-2017

**17. Does the Institution have Management Information System ?**

Yes

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

IMSEC has a well organized Management Information System for managing the information of the college in a systematic way. It contains modules like i) Academic: Academic Module contains/provides important academic information like notice section, attendance, class schedule, test marks, student registration, etc. ii) Account

This module contains/provides information about the account of the students like fees payment, dues, hostel allotment, etc. iii) Admission This module contains/provides admission information of students, information about students, etc. iv) Assignment This module contains/provides information of assignments given to students by faculty like students wise assignment information, faculty wise assignment information and section wise assignment. v) Hostel This module maintains information of hostel allotment to the students, registration by students, payment by students, their dues, etc. vi) Human Resource This is also an HR Section module maintaining information of employees, their leave, etc. vii) Transport This module maintains the information about transport facilities being used by faculty and students, their dues, route of the bus. All these above modules help the college to maintain relevant information and day to day working of the college in an organized way.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The institute has the mechanism for planned curriculum delivery and documentation as described below: The institute is affiliated with Dr. A.P.J. Abdul Kalam Technical University, Lucknow. The curriculum is planned and decided by the University. However, curriculum delivery planning requires the institute's efficiency. The planning and implementation are mentioned below: a. Academic Planning Allocation of subjects to faculty done based on their expertise and subject choices. • Academic calendar is defined in line with university calendar at the beginning of every semester. • Departmental meetings are held to discuss an action plan. Academic responsibilities are allocated and the process of implementation is discussed. • Fundamental and technical classes scheduled for one to two lectures per week and encouraged students for self-learning activities. • Course Files are prepared including teaching plan, mapping of CO-PO and PSO, assignments, tutorial sheets/quiz, mini-projects, lecture notes/PPTs, question bank. Lab experiments are pre-planned in course files containing lab manuals, requirements, and expected results. • Use of quality reference material including online tutorials, PPTs, videos. Coverage of content beyond the syllabus. - Problem-solving sessions. • Analysis of students' performance in-session exams to assist mentoring of students. For weak students, remedial classes for core subjects have been planned.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of	Duration	Focus on employ	Skill
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		Introduction		ability/entrepreneurship	Development
Summer Training in ABB Industrial Automation Centre	Nil	01/06/2017	26	Focus on Employability	Nil
Summer Training in ABB Industrial Automation Centre	Nil	01/07/2017	26	Focus on Employability	Nil
Industrial training on "Big Data with IBM Tools	Nil	01/06/2017	24	Focus on Employability	Nil
Advanced Industrial Automation training in ABB - Industrial Automation Centre	Nil	05/09/2016	120	Focus on Employability	Nil
Programming Concepts in C and JAVA	Nil	01/08/2017	90	Focus on Employability	Nil
Advanced Programming Techniques	Nil	01/02/2017	90	Focus on Employability	Nil

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
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### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	CSE, IT, EC, EN, ME, CE, BT	01/07/2017
MBA	MBA	01/07/2017

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	1472	Nil

### 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
Hands on training in molecular biology	01/06/2017	22
Industrial training on "Big Data with IBM Tools	01/06/2017	40
Industrial training on "Cloud Computing	01/06/2017	25
Aptitude Skills	16/08/2016	612
Industrial Automation Training (PLC/SCADA)	04/07/2016	44
Advance Course on Industrial Automation	03/10/2016	19
PCB Design	05/06/2017	32
TI Training by CoE	12/06/2017	31
Summer Training on Robotics	12/06/2017	35
Soft Skills	01/02/2017	612
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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
BTech	CSE	161
BTech	IT	33
BTech	EC	113
BTech	EN	121
BTech	ME	177
BTech	BT	43
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### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	Yes
Alumni	Yes
Parents	No

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

Feedback Obtained
Feedback Faculty feedback - course wise/faculty wise is obtained from the students once in every semester. We have an online faculty feedback collection

system which consists of the following parameters: - Lecture Delivery/Communication - Understanding of subject - Punctuality Regularity in class - Timely Assignments given to the class - Timely Assignments checked and shown to the class Academic Feedback Analysis Process The feedback obtained is analyzed online with the help of software at the institution level, subject wise/faculty and the report is generated. An average of all parameters as stated above, are taken and tabulated. Based on the overall average score, the status is assigned as Excellent, Very Good, Good, Average, and Below Average. Feedback on facilities We have a standard 'Student Survey Form' which is filled up by the students of outgoing batch regarding facilities like laboratories, extra-curricular activities, value-added training, Registrar and Accounts Office, hostel/mess, industry interaction, library, grievances, transportation, and internet-related issues. Feedback is also collected on basic amenities through Class Representative meetings. CR meetings are held once or twice during the academic session by the Director.

## 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
BTech	CSE, IT, EC, EN, ME, CE, BT	1020	Nil	727
MBA	MBA	60	Nil	56
Mtech	CSE, BT, ME, VLSI Design	72	Nil	Nil
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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
2016	3057	109	208	14	5

### 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
222	180	48	48	Nil	11
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#### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

We have a planned mentoring system to support students of all categories for professional guidance, career advancement, and individual personal problems affecting his/her performance. For monitoring the progress of



students, we have specially designed and printed Counsellor Cards for individual students to record and monitor their complete academic progress. It helps us to know the reasons for personality, irregularity, and academic-related problems of the students if any. Batch-wise groups of students are distributed among faculty members expert in counseling, with the consent of HOD. This mentoring process helps in: i. Understanding the family and academic background of students through one-to-one meetings. ii. Understanding the problems of students which they face due to change of residential place as well as areas in which the student needs motivation and guidance. iii. Monitoring their academic progress and daily attendance on records. iv. Ensuring extra academic help by mutual verbal agreement with related subject teachers. v. Sharing the academic progress with parents telephonically and through the mail. vi. Counseling for all necessary actions towards skill development of the students at a personal level. vii. Motivating students to appear for competitive examinations of their interest and to identify the program and institutions where they can apply for higher education. viii. Solving course work specific problems by guiding the students to take notes, previous year question papers, and remedial classes from the concerned teacher. For laboratory-specific problems, they are asked to repeat the experiment in the presence of a teacher.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3166	222	1:15

## 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
11	11	Nil	11	1

### 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
<b>No Data Entered/Not Applicable !!!</b>			
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## 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	70	Odd	13/01/2017	05/03/2017
MBA	70	Even	30/05/2017	01/07/2017
BTech	Nil	Odd	26/12/2016	07/03/2017
BTech	Nil	Even	26/05/2017	01/07/2017
Mtech	Nil	Odd	30/12/2016	10/03/2017
Mtech	Nil	Even	30/05/2017	03/07/2017
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### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Reforms initiated on Continuous Internal Evaluation (CIE) system at the institutional level Question papers, assignments/quizzes are prepared for all

internal assessments including sessional exams, internal viva-voce for laboratories by respective faculties. A. Initiatives Following initiatives have been devised at the department level to prepare quality assignments for all internal assignments: Discussions on quality of assignments/quizzes / mini projects Reference to old question paper/standard books Use of Lab Manual Content beyond the syllabus B. Implementation Details Question papers (Sessional Exam): Question paper is prepared by individual faculty. Quality of question papers are checked and final question paper is approved by HODs. Common papers are approved by Dean (Academic). Student assignments: Assignments are allocated on weekly basis. Students can download/view their assignments on the portal. Question banks are given to students by subject experts. C. Evaluation and Analysis Students assignments. Assignments are marked on the portal. Summary report of submitted and marked assignment is available in Director/Dean and HOD login. Sample copies of checked assignments are analyzed by HOD. Question papers (Sessional Exam) Answer sheets are cross evaluated. Sessional result analysis is discussed at HOD and Director level A comparative evaluation of student's performance is carried out. Laboratory assignments Viva-voce based evaluation.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic Calendar: The college prepares a well-organized Academic Calendar and adheres to it. The Academic Calendar of the college is prepared in the line with university calendar the college is affiliated to. The Academic Calendar is prepared semester wise. The Academic Calendar is very well defined and it includes all important academic and administrative programs of the college like the commencement of classes, number of teaching days, dates of Class Tests, dates of assignments, date of Pre-university test, dates of important functions/programs the college would be organizing during the semester, list of holidays, tentative date/month of university examinations. students Academic Calendar of the college is uploaded on the college website and remains available there for the whole semester. The academic programs of the college strictly adhere to this Academic Calendar. Preparation of the Academic Calendar helps very much in streamlining the academic programs and implementation of the same in a systematic way. All internal Tests and examinations are conducted strictly according to the Academic Calendar. It is really very helpful to the faculty as well as to the students in preplanning their academic work and preparation of the same in an organized way. It presents a preview of the whole semester to the faculty and students.

## 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)

**No Data Entered/Not Applicable !!!**

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
B TECH	BTech	CSE, IT, EC, EN, ME, CE, BT	649	645	99.38
MBA	MBA	MBA	51	50	98.04

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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)

**No Data Entered/Not Applicable !!!**

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	720	AKTU, Lucknow, U.P	340000	340000
Major Projects	365	MSME	100000	50000
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### 3.2 – Innovation Ecosystem

3.2.1 – 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
Awareness Program of IPR for MSME (Sponsored by Ministry of MSME, GOI)	IT	06/08/2016
Intellectual Property Rights (IPR) for Micro, Small Medium Enterprise (Handloom Powerloom Industry)	BT	06/08/2016
Seminar on Critical Thinking	Student Welfare	04/12/2017
Awareness Programme on Intellectual Property Rights (IPR) of Micro, Small Medium Enterprise (Handloom Powerloom Industry)	IPR Cell	06/08/2016
National Workshop on "Elementary Concept of Power Generation from Coal"	EN	25/10/2016

3.2.2 – 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
<b>No Data Entered/Not Applicable !!!</b>				
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3.2.3 – 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
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No Data Entered/Not Applicable !!!

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### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

#### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
BT	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	BT	10	Nil
International	ASH	18	1.91
International	CSE	1	Nil
International	EC	3	1.59
International	EN	2	2.16
International	IT	7	2.20
International	ME	4	Nil
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#### 3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
ME	3
MBA	8
IT	10
EN	7
EC	3
CSE	7
BT	2
ASH	6
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#### 3.3.5 – 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
Removal of Torque blue dye from	Dr. M.K.Singh	Asian Journal of water environment	2016	3	IMS Engineering College	Nil

aqueous solution by Kail sawdust		pollution				
Removal of Red RB Dye from Aqueous Solution by Belpatra Bark Charcoal adsorbent	Dr. M.K.Singh	Journal of Materials and Environmental Science	2016	8	IMS Engineering College	Nil
Microbial Fuel Cell - A Source of Renewable Energy : A Review	Narendra Kumar	International Journal of Renewable Energy Technology	2017	2	IMS Engineering College	Nil
Hormonally Active Agents in the Environment: A State of the Art Review	Savita Chaurasia	Reviews on Environmental Health	2016	9	IMS Engineering College	Nil
A Comparative Analysis of Methylation Status of Tumor Suppressor Genes in Paired Biopsy and Serum Samples from Cervical Cancer Patients among North Indian Population	Abhimanyu Kr Jha	Russian Journal of Genetics	2016	6	IMS Engineering College	Nil
Subnet Based Ad Hoc Network	Pankaj Agarwal	International Journal of Applied En	2017	1	IMS Engineering College	Nil

Algorithm Reducing Energy Consumption in MANET		gineering Research				
Operational Simulation of LC Ladder Filter Using VDTA	Praveen Kumar	Active and Passive Electronic Components	2017	1	IMS Engineering College	Nil
Impact of underlap spacer region variation on electrostatic and analog performance of Symmetrical high-k SOI FinFET at 20 nm channel length	Neeraj jain	Journal of Semiconductors, IOP Science Publishers	2017	1	IMS Engineering College	Nil
A Review of Various Topologies Control Schemes of DSTATCOM Implemented on Distribution Systems	Pankaj Negi	Majlesi Journal of Electrical Engineering	2017	2	IMS Engineering College, Ghaziabad	Nil
A survey on Human Action Recognition	Shardul Singh Chauhan	IOSR Journal of Computer Engineering	2017	1	IMS Engineering College, Ghaziabad	Nil
<a href="#">View File</a>						

### 3.3.6 – 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
Effect of tool plunge depth on reinforcement	Manu Srivastava	Defence Technology	2016	40	Nil	IMS Engineering College, Ghaziabad

nt particle d istributio n in surface composite fabricatio n via Friction Stir Processing						
Investig ating effects of groove dimensions on microst ructure and reinfo rcement particles distributi on of AA 6063/ SiC surface composites produced by friction stir processing	Manu Srivastava	Transact ions of The Indian Institute of Metals	2017	26	Nil	IMS Engi neering College, Ghaziabad
Distribu tion of Re inforcemen t particles in surface composite fabricatio n via Friction stir proce ssing: Suitable Strategy	Manu Srivastava	Materials and Manufa cturing Processes	2016	28	Nil	IMS Engi neering College, Ghaziabad
A review of recent progress in solid state fabr ication of composites and functi onally graded systems via	Manu Srivastava	Critical Reviews in Solid State and Materials Sciences	2017	46	Nil	IMS Engi neering College, Ghaziabad

friction stir processing						
Performance Enhancement of Patch Antenna Array for 5.8 GHz Wi-MAX applications using Meta material Inspired Technique	R. N. BARAL	Elsevier AEU - International Journal of Electronics and Communications	2017	27	Nil	IMS Engineering College, Ghaziabad
Aberrant promoter hypermethylation of selected apoptotic genes in childhood Acute Lymphoblastic Leukemia among north Indian population	Abhimanyu Kr Jha	Experimental Oncology	2017	11	Nil	IMS Engineering College, Ghaziabad
Analog switching in the nanocolloids of ferroelectric liquid crystals	Dr. Pradeep Kumar	Applied Physics Letters	2016	12	Nil	IMS Engineering College, Ghaziabad
An EOQ Model with Quantity Incentive Strategy for Deteriorating Items and partial backlogging	Dr. Rahul Pandey	Uncertain Supply Chain Management	2016	15	Nil	IMS Engineering College, Ghaziabad
An EOQ model with variable holding cost and partial backlogging	Dr. Mohit Rastogi	Uncertain Supply Chain Management	2017	19	Nil	IMS Engineering College, Ghaziabad



under credit limit policy and cash discount						
Two warehouse inventory policy with price dependent demand and deterioration under partial backlogging	Dr. Mohit Rastogi	Decision Science Letters	2017	17	Nil	IMS Engineering College, Ghaziabad

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### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	49	Nil	Nil
Presented papers	46	Nil	Nil	Nil

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### 3.4 – Extension Activities

#### 3.4.1 – 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
Seminar on Critical Thinking	Vedic Club (A student welfare wing of ISKCON)	2	97
Blood Donation Camp held on 17.02.2017	Rotary Club North Region Ghaziabad	2	342
Blood Donation Camp held on 07.03.2017	Lions Club Ghaziabad	2	127
Underprivileged Kids Education	NGO – Wings of Hope	2	22

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#### 3.4.2 – 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
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No Data Entered/Not Applicable !!!

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3.4.3 – 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 activities	Number of students participated in such activities
Underprivileged Kids Education	NGO - Wings of Hope	Underprivileged Kids Education	2	22
Blood Donation Camp held on 07.03.2017	Lions Club Ghaziabad	Blood Donation Camp	2	127
Blood Donation Camp held on 17.02.2017	Rotary Club North Region Ghaziabad	Blood Donation Camp	2	342
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Internship on High Performance Computing	27	College Self	45
Internship on Machine Learning	37	College Self	30
Training/project	8	College Self	180
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3.5.2 – 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
Training	Academic educational material utilization contract for teaching purpose and student development	SAP UNIVERSITY	Nil	Nil	50
Industrial Automation Training	ABB Industrial Automation Centre (PLC/SCADA)	"Rhythm Automation Control Pvt. Ltd" a channel	01/06/2017	31/08/2017	58

partner of  
ABB

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3.5.3 – 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
NPTI, New Delhi	25/10/2016	Workshop	316
Rhythm Automation Learning Centre	01/06/2017	Training	58
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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
75	44.55

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
No file uploaded.	

### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
VIDYA Lib Management Software	Fully	2.0	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	74379	26057672	1058	500657	75437	26558329
Reference Books	5205	1824460	92	51473	5297	1875933
Journals	91	268650	Nill	Nill	91	268650
e-Journals	3	683973	Nill	Nill	3	683973
Digital Database	3	683973	Nill	Nill	3	683973

CD & Video	1500	Nil	Nil	Nil	1500	Nil
Library Automation	1	62400	Nil	Nil	1	62400
No file uploaded.						

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
No Data Entered/Not Applicable !!!			
No file uploaded.			

#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1020	15	200	3	1	174	18	200	0
Added	0	0	0	0	0	0	0	0	0
Total	1020	15	200	3	1	174	18	200	0

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

200 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
No Data Entered/Not Applicable !!!	

#### 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
5.91	6.27	318.25	333.94

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)

Mentioned below are procedures and policies for maintaining and utilizing physical, academic, and support facilities: Laboratory: - Do's and Don'ts and safety rules are displayed in laboratories. Daily maintenance of cleanliness in each lab. Calibration of equipment done internally/externally as applicable. List of vendors for servicing of non-functioning instruments. Fixation of electricity or light-related issues whenever required. Separate racks for chemicals, glassware, and plastic wares. Periodic revival and maintenance of microbial cultures. Logbook for major equipment and Issues Register maintained

in labs. Record of Stock of non-consumables, consumables, and breakage maintained. Proper handling of hazardous waste through GLPs like neutralization, dilution, treatments for potential carcinogens (e.g. Et Br). Sharps and liquid wastes are handled with adequate care. Library: - Our library has a rich collection of books covering all major fields of Science and Engineering. - The library is fully computerized by automating the issue of books with a bar code readers. - The library is fully air-conditioned. - The library has various facilities like Conferencing, Multimedia, Internet, Reprography and CDROM collection. - A book bank for deserving candidates is also maintained. - The college subscribes to most of the major technical journals including ASCE, ASME, IEEE, SCIENCE DIRECT, SPRINGER, EMERALD, TAYLOR FRANCIS, JSTOR McGraw Hill. - Multimedia computers with internet connectivity available for accessing CBT, CDs, e-books, e-journals, etc. - Students can access the library facility on working days and holidays. Sports Complex: - The college has well-maintained sports facilities in the campus like Gyms, indoor games, outdoor games facilities. - Separate Gyms for boys and girls well equipped with the latest equipment. - Indoor game facilities include Table Tennis, Badminton, Carom Board etc. - Outdoor game facilities include Cricket, Football, Volleyball, Basketball etc. - Indoor and outdoor sports complex are well equipped with lights. - Well trained Sports Officer looks after sports facilities and activities of students - Gym trainer and students do exercises under the guidance of the trainer like Do's and Don'ts, how to do and what to do etc. Computers: - The college has well-equipped computer labs. - 3 browsing centers (leach in boys girls hostels and central library). - Fully managed and complete campus with Wi-Fi network. - The college has an internet gateway fully managed through Fortunate Gateway Security. - All faculty and staff cabins are equipped with laptops/computers. - All the computers are connected with high-speed internet for faculty, staff. - Complete gigabyte network connected with managed network equipment. - All computer/labs maintained by the well-trained qualified technical team.

## 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	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	U.P Scholarship	805	46963650
b) International	Nil	Nil	Nil
No file uploaded.			

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Industrial Automation Training (PLC/SCADA)	01/06/2017	58	"Rhythm Automation Control Pvt. Ltd" a channel partner of ABB
Soft Skill	16/08/2017	612	M/s. Sammunati

Training			Learning Solutions
Aptitude Training	16/08/2017	612	M/s. Aptitude Ladder M/s. Zenith Consultants
Industrial training on "Big Data with IBM Tools	01/06/2017	40	Headstart Private Ltd
Industrial training on "Cloud Computing	01/06/2017	25	Headstart Private Ltd
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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
2017	Placement Activity	700	651	25	532
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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
Nil	Nil	Nil

## 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
List Attached	700	485	List Attached	250	47
<a href="#">View File</a>					

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
2017	1	B. Tech.	CS Department	JIIT, Noida	M. Tech. (CSE)
2016	1	B.Tech Bio technology	BT Department	IIIT Hyderabad	M.Tech Bio informatics
2017	1	B.Tech Bio technology	BT Department	University of Hyderabad	M.Tech Bio informatics

2017	1	B.Tech Bio technology	BT Department	Jaypee Institute of Technology, Noida	M.Tech Bio technology
2016	1	B. Tech.	CS Department	IIIT Delhi	M. Tech. (CSE)
2016	1	B. Tech.	CS Department	NIA, Puna	PG diploma in Insurance & Management
2017	1	B. Tech.	CS Department	IIT Kanpur	M. Tech. (CSE)
2017	1	B. Tech.	CS Department	IIT Guwahati	M. Tech. (CSE)
2017	1	B. Tech.	CS Department	C-DAC, Pune	PG in advance computing
2017	1	B. Tech.	CS Department	C-DAC, Pune	PG Diploma in Big Data Analytics

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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
GATE	26
CAT	1

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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
All India Sports Fest "Chakravayuh-2019" held on Oct. 19. 2016 to Oct. 20, 2016	National Level	600
VIBGYOR 2017 (8th - 9th March 2017)	Inter-College Cultural Fest	398
No file uploaded.		

### 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
2017	1st Prize in Sports Fest (State Level) of Badminton	National	1	Nil	Nil	Abhilasha Trivedi

	(Girl)					
2016	All India Sports Fest "Chak ravyuh", at IMSEC, 1st position and won gold medals in the following games: (04-06 November 2016) Basketball (Girls)	National	1	Nil	Nil	Ms. Archana, Ms. Nidhi Varshney, Ms. Geetika, Ms Anjali, Ms, Divya Baranwal, Ms. Nidhi Basoya
2016	All India Sports Fest "Chak ravyuh", at IMSEC, 1st position and won gold medals in the following games: (04-06 November 2016) Table Tennis (Girls Teams)	National	1	Nil	Nil	Ms. Nidhi Basoya, Ms. Nandini
2016	Intra College sports Competition	National	1	Nil	Nil	Sharib Khan
2016	CHAKRAVYUH 2017 (Annual National Level Sports Event) Tug of War	National	1	Nil	Nil	Ashish Jain
2016	CHAKRAVYUH	National	1	Nil	Nil	Himanshu,



	2017 (Annual National Level Sports Event) Shotput (Boys/ Girls) Chess					Arti
2016	CHAKRAVYUH 2017 (Annual National Level Sports Event) Table Tennis (Girls Teams)	National	1	Nil	Nil	Niti Verma, Richa
2016	CHAKRAVYUH 2017 (Annual National Level Sports Event) Basketball (Girls)	National	1	Nil	Nil	Richa Vaishnavi, Arti Chauhan, Riya, Niti Verma, Shivani sharma
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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)

The activity of Student Council representation of students on academic administrative bodies/committees of the institution: The College has several student-led councils (societies) like Byte Club, Code Raider Club, T-Code Club, Abhigyan, IMS Code Force (CSE Department) INFOCORP (IT Department) GEMS (Biotechnology Department) ENVINCIBLES (EN Department) Mech-Edge Club and SAE INDIA Collegiate (ME Department) FACES Club (EC Department) HR Club, Marketing Club Finance Club (MBA Department). SRIJAN - a club for students of all branches. These student councils represent the student group of that department through which the students take part and organize different types of activities in the college. BYTE society of the CSE Department is engaged in the publication of a monthly e-magazine of the department namely "BYTE" and also organizes various events of the department. Code Raider The club organizes programming events for students. T-Code Club organizes web events for the students. IMS Code Force Club organizes competitive events for the students. In this magazine students publishes various articles written by them and are circulated amongst the students community which subsequently helps them to upgrade their knowledge and skills and make them aware of the latest developments in their fields. Code Raider Club organizes different Coding events for students which provide the opportunity to show their talents. INFOCORP organizes various events for the students of the IT Department. GEMS is a Society of Biotechnology department students. It organizes different types of events for students like quizzes, paper presentations, lectures,

plantations, etc. ENVINCIBLES organizes different technical and cultural events of the EN Department. Mech-Edge club of ME Department organizes different technical and cultural activities of the department where SAE INDIA Collegiate club is engaged in preparation/development of BAJA Vehicles and taking part in the different events being organized at national/regional levels. Besides departmental activities, students also participate in organizing different big events of college like Cultural Fest, Tech Fest, Sports Fests, etc. They participate in organizing committee, volunteers, etc. Students Class Representatives are also an important student representation in the academic activities of the college.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni Meet 'Remembrance 2k17' was organized on 11th March 2017.

### 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)

Vision Our vision is to impart vibrant, innovative, and global education to make IMS the world leader in terms of excellence of education, research, and serving the nation in the 21st century. Mission • To develop IMSEC as a center of excellence in Technical and Management education. • To inculcate in its students the qualities of Leadership, Professionalism, Executive competence, and corporate understanding. • To imbibe and enhance Human Values, Ethics, and Morals in our students. • To transform students into Globally Competitive professionals. The College has a well-marked administrative and academic set-up conforming to the norms of the AICTE and University for the smooth functioning of the college.

1. Administrative Set-up: Management The IMS Engineering College is managed under the IMS Society. The society has its Governing/Executive Council which takes care of the proper functioning of all its three campuses. The council primarily takes care of strategic issues and provides advice on policy and contributes to the college-wide planning process.

Director The Director is the Head of the Institute and looks after all the administrative and academic activities. He is responsible for academic planning, its implementation, and streamlining of the academic processes. The Director ensures that regular day to- day operations are properly conducted through various monitoring mechanisms. Registrar The Registrar works under the guidance of the Director and looks after the proper execution of academic and administrative matters like enrolment of students, maintaining student records, keeping a permanent record of marks, and other university-related works.

2. Academic Set-up: Deans/Heads of Department Academic Dean is the highest-ranking academic official in the institution, next to the Director. The Dean provides strategic direction, academic planning, leadership, and administrative oversight to achieve the highest standards in engineering. HODs manage and

develop the department to ensure the achievement of the highest possible standards of excellence in all its activities. They are supported by faculty and staff members. Heads of Department exercise leadership demonstrate vision and empower others in order to deliver the agreed departmental strategy required for achieving the desired goals.

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
Admission of Students	A major part of admission i.e. 85 of approved intake comes through University Counselling i.e. Uttar Pradesh State Entrance Examination conducted by Dr. A.P.J. Abdul Kalam Technical University. 15 of admissions can be taken under Management/Direct admission quota. To improve the quality of students' intake, the college makes a wide advertisement campaign all over the state so that good quality students can be selected. The college tries to follow appropriate marks criteria for Direct Admission. They also have to go through a general test and viva process for admission and suitable stream/branch is allotted based on their choice and ability.
Industry Interaction / Collaboration	Industry interaction is an important part of academic activities and knowledge enhancement of students. Besides classroom learning, many experts from reputed industries are invited to deliver expert/guest lectures, seminars, workshops, and to interact with our students/faculty. They share their expertise in the field with students, give them important tips for selection, guide them to choose their career etc. Students are sent for industrial visits from time-to-time to make them aware of industry processes, operation management and working the environment which certainly provides them a lot to learn. Collaborations are done with industry for research and development training of students.
Human Resource Management	IMSEC has a well managed separate Human Resource Department. It maintains all the personal records of faculty and staff members. Appropriate leaves like Earned Leave/Vacation, Medical Leave, Casual Leave etc. are provided to the faculty and staff members. They are

also provided Outdoor Leave for taking part in Quality Improvement Programmes, Short-Term Courses, Faculty Development Programmes, Seminars, Conferences etc. Appropriate reimbursement is given to the faculty and staff sponsored for such programmes. Appropriate opportunity is provided to faculty to enhance their qualification and Study Leave is provided for the same.

Library, ICT and Physical Infrastructure / Instrumentation

The college has a fully computerized automated issue of books with bar code readers. It's a fully air-conditioned library providing a comfortable reading zone to its readers. It has various facilities for Conferencing, Multimedia, Internet, Reprography, and CD-ROM collection. A book bank for deserving candidates is also available. The college subscribes most of the major technical journals including ASCE, ASME, IEEE, SCIENCE DIRECT, SPRINGER, EMERALD, TAYLOR FRANCIS, JSTOR McGraw Hill. Multimedia computers with internet connectivity are available for accessing CBT, CDs, e-books, e-journals. Library facility is available in working hours as well as on holidays as per requirement.

Research and Development

Faculty and students are encouraged for research work. They are encouraged to write and publish research papers and articles in the journals of national and international repute and present and publish papers in the Seminars, Conferences of repute. They are sent to attend Workshops, Seminars, Conferences to enhance their knowledge and update themselves with the latest developments in their fields. A rich library having a a good number of titles, journals, e-journals etc. is available in the college to refresh their knowledge and new developments. Our library also has a well equipped multi-media facility to access e-journals and online journals etc.

Examination and Evaluation

Internal examinations, class tests are conducted as per plan in a pre-defined way. University standard is followed in preparing the question papers of the internal examinations and class tests. The standard of the question papers is checked by HOD concerned and Dean (Academic). The conduct of the examinations is supervised by departmental Heads and

	<p>Dean (Academic). Internal practical examinations are also conducted. Quality assignments are given to the students. A fair evaluation and marking are done to maintain the standard.</p>
Teaching and Learning	<p>Quality planning is done and implemented in teaching-learning process. Subjects are allotted to faculty based on their expertise and subject choices which improve class delivery. A well defined academic calendar is prepared for each semester before the semester starts. Director, Dean (Academic), HODs pay proper attention to ensure the smooth conduct of academic activities. Meetings with departmental Heads are held to discuss and finalize the action plan for the coming semester. Monthly departmental meetings are held to monitor and evaluate the progress. Course files are prepared in pre-defined formats. Value addition programs are planned for the coming semester.</p>
Curriculum Development	<p>IMSEC college is affiliated with Dr. A.P.J. Abdul Kalam Technical University, Lucknow, so the curriculum is defined and prescribed by University. The College has to adhere to the syllabus of the University. However, to enhance and update the knowledge and employability of students, the college also makes extra efforts to provide various value-added courses to students. We provide Soft Skills to enhance the communication skill of students. To enhance their employability, Aptitude Training classes are conducted. Mock interviews are conducted for final year students. For this, the college also hires outside agencies for training. Various competitive events, quizzes, presentations are also conducted from time-to-time.</p>

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

E-governance area	Details
Administration	<p>Most of the administrative works of the institute is being carried out online instead of paperwork. The institute maintains its own internal servers for data maintenance and communication. Email service is used for internal and external communication.</p>

Planning and Development	Call for meetings and minutes of the meetings are communicated electronically. Important data related to development is maintained electronically and retrieve as per need and necessity.
Finance and Accounts	Our Finance and Accounts department is supported by the latest accounting software. Electronic transactions are also done. Students fees are also accepted and remittances through electronic transactions.
Student Admission and Support	Students' selection and admission the remittancesStudentsprocess is carried electronically. Students' record is also maintained and internally distributed electronically through institute ERP System. Students' attendance and academic progress are maintained and made available to the students and their parents online through the Studentsinstitute portal. Students' feedback is taken online.
Examination	We do maintain an ERP server in the institute and also communicate to the affiliated university server on day to day basis like attendance of the students, sessional examination marks of the students.

### 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
<b>No Data Entered/Not Applicable !!!</b>				
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	Machine Learning and Data Anaytics using R	Nil	12/06/2017	16/06/2017	32	Nil

2017	High Performance Computing with Linux	Nil	01/06/2017	30/06/2017	5	Nil
2017	Essential of Big Data with Hadoop using IBM Infospair Biginsights, Headstart New Delhi	Nil	01/06/2017	30/06/2017	4	Nil
2017	Enterprise Application Development For Cloud Deployment, Headstart New Delhi	Nil	01/06/2017	30/06/2017	4	Nil
2016	FDP on Machine Learning, Sponsored by AKTU	Nil	12/06/2017	16/06/2017	30	Nil
2017	FDP on Network Simulation using NetSim software with Dell Soft Technologies Pvt. Ltd.	Nil	12/06/2017	16/06/2017	22	Nil
2017	FDP on Drupal	Nil	15/05/2017	20/05/2017	32	Nil
2016	ICT based course on NBA guidelines Quality Management" in collaboration with NITTTR, Chandigarh through ICT	Nil	18/07/2016	22/07/2016	30	Nil

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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
Training at Balaji Industries, Surat	1	29/06/2016	03/07/2016	5
MATLAB (Signal Processing)	1	04/07/2016	08/07/2016	5
Institutional Accreditation (NBA Guidelines) and Quality Management through ICT	3	18/07/2016	22/07/2016	5
Planar Circuits and Components for EM Application	1	12/06/2017	16/06/2017	5
Fiber Optics and Wireless Networking	1	19/06/2017	23/06/2017	5
AICTE sponsored QIP Short Term course on Advances in Bioprocess Engineering at IIT BHU	1	19/06/2017	24/06/2017	6
TI Technology	5	19/06/2017	23/06/2017	5
Communication Engineering Recent Trends	2	11/07/2016	16/07/2016	6
Circuits, Microsystems and Packaging Techniques Intended for Autonomous Brain-Machine Interfaces	2	20/12/2016	24/12/2016	5
Industrial Exposure Program	1	26/06/2017	30/06/2017	5

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
11	11	Nil	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. The college provides a Mediclaim Insurance facility of 2 lacs per year for Faculty and their family without any charge from them. 2. The college provides lunch facility to faculty at a very nominal charge. 3. The college provides 50 concession in tuition fees for their children studying in IMSEC.	1. The college provides a Mediclaim Insurance facility of 2 lacs per year for Staff and their family without any charge from them. 2. The college provides lunch facility to faculty at a very nominal charge. 3. The college provides 50 concession in tuition fees for their children studying in IMSEC.	1. The college provides a Mediclaim Insurance facility of 1 lacs per year for students with a nominal charge. 2. The college provides financial support to students going abroad for international internship. 3. Doctor facility in the campus. 4. Ambulance facility in the campus.

6.4 – Financial Management and Resource Mobilization

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

The institute maintains its financial accounts i.e. earning, day-to-day expenses, etc. properly. To maintain its financial accounts properly, the institute has appointed an internal auditor. The Internal Auditor audits regularly on a monthly or quarterly basis. The institute also has an external audit system. It prepares its yearly balance sheet which is audited by an external auditor. The final balance sheet is also uploaded on the college website.
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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
<b>No Data Entered/Not Applicable !!!</b>		
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6.4.3 – Total corpus fund generated

<b>No Data Entered/Not Applicable !!!</b>
---

6.5 – Internal Quality Assurance System

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

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

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

1. The College provides access to the parents for academic monitoring of their wards. 2. In extreme cases, where remedial action is required, letters are sent
--

to the parents regarding the performance of their wards. 3. Remedial/corrective action in consultation and personal discussion with parents. 4. Parents are informed about the departure/leave of their wards from the hostel.

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

1. Sensitizing support staff about their health. 2. Training to Technical Assistants. 3. General awareness programs. 4. Good Laboratory practices.

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

1. Innovation: At IMSEC, we always try to create an innovative spirit amongst our students. To encourage our students for making innovative working models, IMSEC has been organizing a two-day innovative exhibition namely "Technovation" for students in which around 100 selected working models made by students are exhibited for two days. This exhibition is inaugurated and prizes are distributed to the winners by eminent personalities from academia and industries. The working models are judged by external judges to select the winners. Science Stream students from reputed schools of Ghaziabad, Noida, Hapur surroundings also come to see this exhibition who, on the other hand, also get encouragement to something innovative in their life. 2. Student Publications: Student publication is a matter of great concern at IMS Engineering College. At IMSEC, students are always encouraged for publications in international and national journals of repute and helped by their faculty/mentors for writing good standard papers. They are provided a positive research and publication academic environment. They are provided with good academic resources, good stock of high standard books for enhancing their knowledge and creating a research and innovative mind amongst our students.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – 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
<b>No Data Entered/Not Applicable !!!</b>					
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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
<b>No Data Entered/Not Applicable !!!</b>				

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

**No Data Entered/Not Applicable !!!**

## 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	No	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	No	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil
Any other similar facility	Yes	Nil

## 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
2016	1	1	01/08/2016	210	Programme of non-formal education and general literacy classes	Education and general literacy for under-privileged children of surrounding locality	23
2017	1	1	17/02/2017	1	Blood Donation Camp	Donated blood for the people who may be in urgent need.	342
2017	1	1	03/03/2017	1	Blood Donation Camp	Donated blood for the people who may be in urgent	127

						need.	
2017	1	1	04/02/2017	1	Seminar on Critical Thinking	Critical Thinking (Revisiting our thoughts)	97
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Blood Donation Camp	17/02/2017	17/02/2017	127
Blood Donation Camp	03/03/2017	03/03/2017	342
Educational drive for under-privileged children	01/08/2016	29/04/2017	23
Independence Day Celebration	15/08/2016	15/08/2016	250
Teachers Day Celebration	05/09/2016	05/09/2016	200
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The college is well aware and has taken initiatives to make the campus eco-friendly. Following initiatives have been taken by the college: 1. The college has planted sufficient numbers of plants to maintain good greenery on the campus. 2. The college has Rain Water Harvesting System on the campus. 3. The college has Sewage Treatment Plant on the campus. 4. The college makes full re-use of treated water. 5. Organize awareness among students and staff.

**7.2 – Best Practices**

7.2.1 – Describe at least two institutional best practices

Two Best Practices at IMS Engineering College: 1. Student Publications: Students are always encouraged for publications in international and national journals/conferences of repute and helped by their faculty/mentors for writing good papers. 2. To encourage our students for making innovative working models, IMSEC has been organized a two-day innovative exhibition namely "Technovation" for students in which around 100 selected working models made by students are displayed.

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

**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

IMS Engineering College is one of the premier technical institutes in India. It was established with the objective of creating a pool of trained and world-class technocrats to contribute to the economic and social development of the country. Today's competitive challenges cannot be overcome with academic excellence alone. With this in view, IMS Engineering College (IMSEC) focuses on the holistic development of the students. This is achieved through numerous ventures like Research and Development, Research publications, Innovation Entrepreneurial Activities, Sports Cultural activities, in addition to academic programs.

Provide the weblink of the institution

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

1. Planning for NBA Accreditation of B.Tech.-Bio-Technology program. 2. Planning for extension of one year NBA Accreditation of B.Tech.(CSE) and B.Tech.(ME) 3. Planning to organize a technical fest to showcase students innovative ideas.