1.2.1 Percentage of programs in which Choice Based Credit System (CBCS)/elective course system has been implemented					
Programme Code	Programme name	Year of Introduction	Status of implemetation of CBCS / elective course system (Yes/No)	Year of implemetation of CBCS / elective course system	Lin to the relevant document
54	B.Tech (Biotechnology)	2002	Yes	CBCS-2016 (1st year) / Elective-2002	https://aktu.ac.in/syllabus.html
54	M.Tech (Biotechnology)	2010	Yes	CBCS- 2016 (1st year) /Elective - 2010	https://aktu.ac.in/syllabus.html
	Ph.D (Biotechnology) Research center approved	2016	Yes	CBCS- 2016	https://aktu.ac.in/syllabus.html
00	B.Tech (Civil Engineering)	2014	Yes	2016 -17 (1st year)	https://aktu.ac.in/syllabus.html
10	B.Tech (Computer Science and Engineering)	2002	Yes	CBCS 2016-17 (1st year)	https://aktu.ac.in/syllabus.html
10	B.Tech (Computer Science)	2019	Yes	CBCS- 2019	https://aktu.ac.in/syllabus.html
10	M.Tech (Computer Science and Engineering)	2011	Yes	CBCS- 2016/ Elective - 2011	https://aktu.ac.in/syllabus.html
21	B.Tech (Electrical and Electronics Engineering)	2004	Yes	CBCS- 2016 (1st year)/ Elective - 2004	https://aktu.ac.in/syllabus.html
31	B.Tech (Electronics and Communication Engineering)	2002	Yes	CBCS-2016-17 (1st year) / Elective Course-2002	https://aktu.ac.in/syllabus.html
13	B.Tech (Information Technology)	2002	Yes	CBCS - 2016-17 (1st year)	https://aktu.ac.in/syllabus.html
70	MBA	2008	Yes	CBCS- 2016 (1st year)	https://aktu.ac.in/syllabus.html
40	B.Tech (Mechanical Technology)	2002	Yes	CBCS- 2016 (1st year) /Elective - 2004	https://aktu.ac.in/syllabus.html

डॉ0 ए0 पी0 जे0 अब्दुल कलाम प्राविधिक विश्वविद्यालय उत्तर प्रदेश

इंस्टीट्यूट आफ इंजीनियरिंग एण्ड टेक्नोलाजी परिसर, सीतापुर रोड, लखनऊ

दूरभाष संख्या: ;0522 2732193 फैक्स संख्या: ;0522 2732185

पत्रांक: डा0ए0पी0जे0अ0क0प्रा0वि0/अधि0सं0/2016/ **6674**   दिनॉक: **01** जून, मई. 2016

सेवा में,

समस्त प्राचार्य/निदेशक,

डा0ए0पी0जे0 अब्दुल कलाम प्रा0वि0वि0, उ0प्र0,

लखनऊ।

विषय: सत्र-2016-17 में संचालित होने वाले प्रथम वर्ष के समस्त पाठ्यक्रमों के Choice Based Credit System (CBCS) लागू करने के सम्बन्ध में।

महोदय,

अवगत होना चाहें कि सत्र-2016-17 में संचालित होने वाले प्रथम वर्ष के समस्त पाठ्यक्रमों के Choice Based Credit System (CBCS) लागू करने हेतु पाठ्यचर्या तैयार कर के विश्वविद्यालय की वेब साइट पर सुलभ सन्दर्भ हेतु उपलब्ध है, यदि उक्त पाठ्यक्रम के संबंध में किसी भी प्रकार का सुझाव/टिप्पणी हो तो ई-मेल आई0डी0- dean.ugse@uptu.ac.in या jitendragbtul@gmail.com पर एक सप्ताह के अन्दर उक्त मेल आई0डी0 पर प्रेषित करना चाहें।
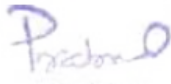
संलग्नक: यथोक्त।

भवदीय,

(प्रो0 ए0के0 कटियार)

डीन, यू0जी0

प्रतिलिपि निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषितः-

1. कुलसचिव, डा0 ए0पी0जे0 अब्दुल कलाम प्राविधिक विश्वविद्यालय, उ0प्र0, लखनऊ।

2. परीक्षा नियंत्रक, डा0 ए0पी0जे0 अब्दुल कलाम प्राविधिक विश्वविद्यालय, उ0प्र0, लखनऊ।

3. उप कुलसचिव, डा0 ए0पी0जे0 अब्दुल कलाम प्राविधिक विश्वविद्यालय, उ0प्र0, लखनऊ।

4. सहायक कुलसचिव, डा0 ए0पी0जे0 अब्दुल कलाम प्राविधिक विश्वविद्यालय, उ0प्र0, लखनऊ।

5. स्टाफ आफिसर, कुलपति कार्यालय, डा0 ए0पी0जे0 अब्दुल कलाम प्राविधिक विश्वविद्यालय, उ0प्र0, लखनऊ।

(प्रो0 ए0के0 कटियार)

डीन, यू0जी0

Director

IMS Engineerng College

Ghaziabad

प्रो० विनय कुमार पाठक
कुलपति
Prof. Vinay Kumar Pathak
Vice-Chancellor

डॉ० ए०पी०जे० अब्दुल कलाम प्राविधिक विश्वविद्यालय
उत्तर प्रदेश, लखनऊ
Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY
Uttar Pradesh, Lucknow

Letter No:AKTU/VCO/Cir/2015/
Dated : November 26, 2015

To,

The Directors/Principals
Institutions/Colleges affiliated to
Dr. APJ Abdul Kalam Technical University
Uttar Pradesh, Lucknow.

Dear Sir/Madam,

Dr. APJ Abdul Kalam Technical University, Lucknow is decided to implement the Choice Based Credit System (CBCS) from academic session 2016-17 in all the courses running in the University. The template of Curriculum for B.Tech. courses and corresponding modified ordinance is prepared. You may please go through the contents of the same and provide the constructive suggestions for the effective implementation of CBCS. Suggestions may be send through mail to vc@uptu.ac.in; dean.ugse@uptu.ac.in; assodean.ugse@uptu.ac.in by December 20, 2015.

Yours Sincerely,

(Prof Vinay Kumar Pathak)
Vice Chancellor

Copy to:
1. Registrar, AKTU, UP, Lucknow
2. Finance Officer, AKTU, UP, Lucknow
3. Examination Controller, AKTU, UP, Lucknow

Director
IMS Engineerng College
Ghaziabad

DR. A P J ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW

Proposed Template
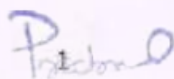
of

Scheme for Examination and Evaluation

on

Choice Based Credit System

for

Under Graduate Courses (B.Tech.)

Session 2016-17

Structure of Undergraduate programs

In the present structure of Choice Based Credit System(CBCS) the four year B. Tech. program compromise of courses divided in six distinct areas, namely: Applied Sciences and Mathematics Courses (ASC), Humanities, Social Sciences and Management Courses (HSC), Common Engineering Course (CEC), Departmental Core Course (DCC), Departmental Elective Courses (DEC), and Open Electives Courses (DOE). All the courses offered in First year B. Tech programs are categorized as 'Common Courses' for all the academic programs. Credits assigned to various components of the B. Tech curriculum are given in Table-1. Credit and curricular components for common courses and University Elective courses are given in the Table-2 and Table-3 respectively.

Common Courses

The courses offered to the First Year B. Tech. programs are grouped under two category of Group A and Group B in both first and second semester. All the students need to complete these common courses in First year. Different departments have participated in design of these courses so as to cater to the requirement of their program(s) with the parent departments. These courses are planned to give the students a firm base in the areas of Applied Science. Applied Mathematics, Humanities and Common Engineering disciplines.

Applied Sciences and Mathematics Courses (ASC)

The Applied Sciences and Mathematics Courses consist of a 5 courses considered essential for a B. Tech. program to build the background for learning of engineering core courses.

Humanities, Social Sciences and Management Courses (HSC)

The Humanities, Social Sciences and Management Courses consists of a 5 courses considered essential for a B. Tech. program to inculcate the essence of technical report writing, communication skills, engineering economics, management and professional ethics & human values.
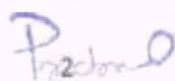
Common Engineering Courses (CEC)

The students are required to complete at least 8-9 numbers of common engineering courses offered by engineering departments. These courses introduce to student a wide spectrum of knowledge in allied engineering domain connected to the main engineering stream of the course of study of the students of concerned department

Departmental Core Courses (DCC)

The departmental core courses consists of 15 courses considered essential for a chosen engineering / science discipline including, engineering design, seminar, industrial training and projects.

Departmental Elective Courses (DEC)

The students are required to complete a number of Departmental Elective courses 5 numbers offered by his / her parent Department. Every Department offers a wide variety of elective courses under this category.

Director
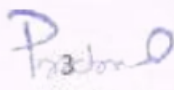IMS Engineering College
Ghaziabad

Open Elective Courses (DOE)

The Open Electives are the courses offered by different academic Departments to the students of other disciplines. These courses are offered in VII and VIII semester. A student must opt for a Open elective course which is offered by any academic department other than his own.

Credits of different curricular components:

Table-1

SN	TYPE OF COURSES	CURRICULAR COMPONENTS	Credits
1	Foundation Courses	Applied Sciences and Mathematics (ASC)	28
2	Foundation Courses	Humanities, Social Sciences and Management (HSC)	14
3	Foundation Courses	Common Engineering Courses (CEC)	24
4	Core Courses	Departmental Core Courses (DCC)	70
5	Elective Courses	Department Elective Course(DEC)	21
6	Elective Courses	Open Elective Course(DOE)	6
7	Core Courses	Project/Training/ Seminars	19
8	Mandatory Courses	Mandatory Courses	10
		TOTAL	192

TEMPLATE OF COURSE STRUCTURE FOR B. TECH. PROGRAM
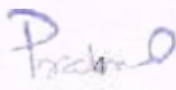
Table-2

FIRST SEMESTER

S. NO	Course Title	Subject Area	Credit
1	Engineering Maths-I	ASC	4
2	Engineering Physics-I	ASC	3
3	Basic Electrical Engg/ Elements of Mechanical Engg	CEC	4
4	Computer System & Programming in C/ Professional Communication	CEC	3
5	Basic Electronics/ Engineering Chemistry	CEC/ASC	4
6	Engg. Physics Lab/ Engg. Chemistry Lab	ASC	1
7	Basic Electrical Engg Lab/ Mechanical Engg Lab	CEC	1
8	Computer Prog. Lab/ Professional Communication Lab	CEC	1
9	Workshop Practice/ Computer Aided Engg. Graphics	CEC	2
10	General Proficiency		1
	TOTAL		24

SECOND SEMESTER

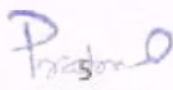| S. NO.	Course Title	Subject Area	Credit
1	Engineering Maths-II	ASC	4
2	Engineering Physics-II	ASC	3
3	Elements of Mechanical Engg/ Basic Electrical Engg	CEC	4
4	Professional Communication/ Computer System & Programming in C	CEC	3
5	Engineering Chemistry/ Basic Electronics	ASC/CEC	4
6	Engg. Chemistry Lab/ Engg. Physics Lab	ASC	1
7	Mechanical Engg Lab/ Basic Electrical Engg Lab	CEC	1
8	Professional Communication Lab/ Computer Prog. Lab	CEC	1
9	Computer Aided Engg. Graphics/ Workshop Practice	CEC	2
10	General Proficiency		1
	TOTAL		24

Third Semester

S. NO.	Course Title	Subject Area	Credit
1	MATH-III/SCIENCE BASE OE	ASC	4
2	SOCIOLOGY/ENV & ECOLOGY	CEC/ESC	2
3	ALLIED ENGG COURSE-1	DCC	4
4	DEPTT COURSE-1	DCC	4
5	DEPTT COURSE-2	DCC	5
6	DEPTT COURSE-3	DCC	4
9	General Proficiency		1
	TOTAL		24

Fourth Semester

S. NO.	Course Title	Subject Area	Credit
1	SCIENCE BASE OE/MATH-III	ASC	4
2	ENV & ECOLOGY/SOCIOLOGY	CEC/ASC	2
3	ALLIED ENGG COURSE-2	DCC	4
4	DEPTT COURSE-4	DCC	4
5	DEPTT COURSE-5	DCC	5
6	DEPTT COURSE-6	DCC	4
9	General Proficiency		1
	TOTAL		24
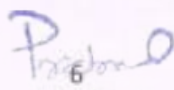
Fifth Semester

S. NO.	Course Title	Subject Area	Credit
1	MANEGIRIAL ECONOMICS	HSC	3
2	VE&HR/CYBER SECURITY	HSC/ESC	2
3	DEPTT COURSE-7	DCC	5
4	DEPTT COURSE-8	DCC	5
5	DEPTT COURSE-9	DCC	4
6	DEPTT ELECTIVE COURSE-1	DEC	4
9	General Proficiency		1
	TOTAL		24

Sixth Semester

S. NO.	Course Title	Subject Area	Credit
1	INDUSTRIAL MANAGEMENT	HSC	3
2	CYBER SECURITY/VE&HR	ESC/HSC	2
3	DEPTT COURSE-10	DCC	5
4	DEPTT COURSE-11	DCC	5
5	DEPTT COURSE-12	DCC	4
6	DEPTT ELECTIVE COURSE-2	DEC	4
9	General Proficiency		1
	TOTAL		24

VE & HR -value Education & Human Right /Cyber Security
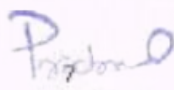
Seventh Semester

S. NO.	Course Title	Subject Area	Credit
1	OPEN ELECTIVE COURSE-1	DOE	3
2	DEPTT ELECTIVE COURSE-3	DEC	3
3	DEPTT ELECTIVE COURSE-4	DEC	4
4	DEPTT COURSE-13	DCC	4
5	DEPTT COURSE-14	DCC	4
5	INDUSTRIAL TRAINING	DCC	2
6	PROJECT-1	DCC	3
9	General Proficiency		1
	TOTAL		24

Eighth Semester

S. NO.	Course Title	Subject Area	Credit
1	OPEN ELECTIVE COURSE-2	DOE	3
2	DEPTT ELECTIVE COURSE-5	DEC	3
3	DEPTT ELECTIVE COURSE-6	DEC	3
5	GD & SEMINAR	DCC	2
6	PROJECT-2	DCC	12
9	General Proficiency		1
	TOTAL		24

Dr. APJ Abdul Kalam Technological University, Lucknow

SCHEME OF TEACHING AND EXAMINATION 2016-17

Table-3 Common Courses for B. Tech. Programs

FIRST SEMESTER(GROUP A)

Sl No.	Subject Cd	Subject Name	Teaching Deptt.	L-T-P	Th/Lab Ma	Sessional		Total	Credit
						Test	Assig/Att.		
1	RAS103	Engineering Maths-I	Applied Science	3---1---0	70	20	10	100	4
2	RAS101	Engineering Physicss-I	Applied Science	3---0---0	70	20	10	100	3
3	REE101	Basic Electrical Engg	Electrical Engg	3---1---0	70	20	10	100	4
4	RCS101	Computer System & Programming in C	Computer Science	3---0---0	70	20	10	100	3
5	REC101	Basic Electronics	Electronics Engg.	3---1---0	70	20	10	100	4
6	RAS151	Engg. Physics Lab	Applied Science	0---0---2	50		50	100	1
7	REE151	Basic Electrical Engg Lab	Electrical Engg	0---0---2	50		50	100	1
8	RCS151	Computer Progm. Lab	Computer Science	0---0---2	50		50	100	1
9	RME151	Workshop Practice	Mechanical Engg	0---0---3	50		50	100	2
10	RGP101	General Profeciency	Department				100	100	1
	TOTAL							1000	24

FIRST SEMESTER(GROUP B)

Sl No.	Subject Cd	Subject Name	Teaching Deptt.	L-T-P	Th/Lab Ma	Sessional		Total	Credit
						Test	Assig/Att.		
1	RAS103	Engineering Maths-I	Applied Science	3---1---0	70	20	10	100	4
2	RAS101	Engineering Physicss-I	Applied Science	3---0---0	70	20	10	100	3
3	RME101	Elements of Mechanical Engg	Mechanical Engg	3---1---0	70	20	10	100	4
4	RAS 104	Professional Communication	Applied Science	3---0---0	70	20	10	100	3
5	RAS102	Engineering Chemistry	Applied Science	3---1---0	70	20	10	100	4
6	RAS152	Engg. Chemistry Lab	Applied Science	0---0---2	50		50	100	1
7	RME151	Mechanical Engg Lab	Mechanical	0---0---2	50		50	100	1
8	RAS 154	Professional Communication Lab	Applied Science	0---0---2	50		50	100	1
9	RCE151	Computer Aided Engg. Graphics	Civil Egg.	0---0---3	50		50	100	2
10	RGP101	General Profeciency	Department				100	100	1
	TOTAL							1000	24

SECOND SEMESTER(GROUP A)

SI No.	Subject Co	Subject Name	Teaching Deptt.	L-T-P	Th/Lab Ma	Sessional		Total	Credit
						Test	Assig/Att.		
1	RAS203	Engineering Maths-II	Applied Science	3---1---0	70	20	10	100	4
2	RAS201	Engineering Physicss-II	Applied Science	3---0---0	70	20	10	100	3
3	RME201	Elements of Mechanical Engg	Mechanical Engg	3---1---0	70	20	10	100	4
4	RAS 204	Professional Communication	Applied Science	3---0---0	70	20	10	100	3
5	RAS202	Engineering Chemistry	Applied Science	3---1---0	70	20	10	100	4
6	RAS252	Engg. Chemistry Lab	Applied Science	0---0---2	50		50	100	1
7	RME251	Mechanical Engg Lab	Mechanical	0---0---2	50		50	100	1
8	RAS 254	Professional Communication Lab	Applied Science	0---0---2	50		50	100	1
9	RCE251	Computer Aided Engg. Graphics	Civil Engg.	0---0---3	50		50	100	2
10	RGP201	General Profeciency	Department				100	100	1
	TOTAL							1000	24

SECOND SEMESTER(GROUP B)

SI No.	Subject Co	Subject Name	Teaching Deptt.	L-T-P	Th/Lab Ma	Sessional		Total	Credit
						Test	Assig/Att.		
1	RAS203	Engineering Maths-II	Applied Science	3---1---0	70	20	10	100	4
2	RAS201	Engineering Physicss-II	Applied Science	3---0---0	70	20	10	100	3
3	REE201	Basic Electrical Engg	Electrical Engg	3---1---0	70	20	10	100	4
4	RCS201	Computer System & Programming in C	Computer Science	3---0---0	70	20	10	100	3
5	REC201	Basic Electronics	Electronics Engg.	3---1---0	70	20	10	100	4
6	RAS251	Engg. Physics Lab	Applied Science	0---0---2	50		50	100	1
7	REE251	Basic Electrical Engg Lab	Electrical Engg	0---0---2	50		50	100	1
8	RCS251	Computer Progm. Lab	Computer Science	0---0---2	50		50	100	1
9	RME251	Workshop Practice	Mechanical Engg	0---0---3	50		50	100	2
10	RGP201	General Profeciency	Department				100	100	1
	TOTAL							1100	24
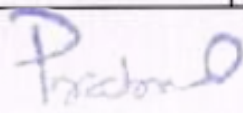
THIRD SEMESTER

Sl No.	Subject Co	Subject Name	Department	L-T-P	Th/Lab Ma	Sessional		Total	Credit
						Test	Assig/Att.		
1		MATH-III/SCIENCE BASE OE	Applied Science	3---1---0	70	20	10	100	4
2		SOCIOLOGY/ENV & ECOLOGY	Applied Science	2---0---0	70	20	10	100	2
3		ALLIED ENGG COURSE-1	Allied Deptt	3---0---0	70	20	10	100	3
4		DEPTT COURSE-1	Core Deptt.	3---0---0	70	20	10	100	3
5		DEPTT COURSE-2	Core Deptt.	3---1---0	70	20	10	100	4
6		DEPTT COURSE-3	Core Deptt.	3---1---0	70	20	10	100	4
7		LAB-1	Core Deptt.	0---0---2	50		50	100	1
8		LAB-2	Core Deptt.	0---0---2	50		50	100	1
9		LAB-3	Core Deptt.	0---0---2	50		50	100	1
10		General Profeciency							1
	TOTAL							1100	24

FOURTH SEMESTER

Sl No.	Subject Co	Subject Name	Teaching Deptt.	L-T-P	Th/Lab Ma	Sessional		Total	Credit
						Test	Assig/Att.		
1		SCIENCE BASE OE/MATH-III	Applied Science	3---1---0	70	20	10	100	4
2		ENV & ECOLOGY/SOCIOLOGY	Applied Science	2---0---0	70	20	10	100	2
3		ALLIED ENGG COURSE-2	Allied Deptt	3---0---0	70	20	10	100	3
4		DEPTT COURSE-4	Core Deptt.	3---0---0	70	20	10	100	3
5		DEPTT COURSE-5	Core Deptt.	3---1---0	70	20	10	100	4
6		DEPTT COURSE-6	Core Deptt.	3---1---0	70	20	10	100	4
7		LAB-4	Core Deptt.	0---0---2	50		50	100	1
8		LAB-5	Core Deptt.	0---0---2	50		50	100	1
9		LAB-6	Core Deptt.	0---0---2	50		50	100	1
10		General Profeciency						100	1
	TOTAL							1000	24

Director
IMS Engineering College
Ghaziabad
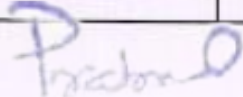
FIFTH SEMESTER

Sl No.	Subject Code	Subject Name	Teaching Deptt.	L-T-P	Th/Lab Ma	Sessional		Total	Credit
						Test	Assig/Att.		
1		MANEGIRIAL ECONOMICS	Applied Science	3---0---0	70	20	10	100	3
2		VE&HR/CYBER SECURITY	Applied Science	2---0---0	70	20	10	100	2
3		DEPTT COURSE-7	Core Deptt.	3---1---0	70	20	10	100	4
4		DEPTT COURSE-8	Core Deptt.	3---1---0	70	20	10	100	4
5		DEPTT COURSE-9	Core Deptt.	3---0---0	70	20	10	100	3
6		DEPTT ELECTIVE COURSE-1	Core Deptt.	3---1---0	70	20	10	100	4
7		LAB-7	Core Deptt.	0---0---2	50		50	100	1
8		LAB-8	Core Deptt.	0---0---2	50		50	100	1
9		LAB-9	Core Deptt.	0---0---2	50		50	100	1
10		General Profeciency						100	1
	TOTAL							1000	24

SIXTH SEMESTER

Sl No.	Subject Code	Subject Name	Teaching Deptt.	L-T-P	Th/Lab Ma	Sessional		Total	Credit
						Test	Assig/Att.		
1		INDUSTRIAL MANAGEMENT	Applied Science	3---0---0	70	20	10	100	3
2		CYBER SECURITY/VE&HR	Applied Science	2---0---0	70	20	10	100	2
3		DEPTT COURSE-10	Core Deptt.	3---1---0	70	20	10	100	4
4		DEPTT COURSE-11	Core Deptt.	3---1---0	70	20	10	100	4
5		DEPTT COURSE-12	Core Deptt.	3---0---0	70	20	10	100	3
6		DEPTT ELECTIVE COURSE-2	Core Deptt.	3---1---0	70	20	10	100	4
7		LAB-10	Core Deptt.	0---0---2	50		50	100	1
8		LAB-11	Core Deptt.	0---0---2	50		50	100	1
9		LAB-12	Core Deptt.	0---0---2	50		50	100	1
10		General Profeciency						100	1
	TOTAL							1000	24

VE & HR -value Education & Human Right /Cyber Security

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SEVENTH SEMESTER

SI No.	Subject Co	Subject Name	Teaching Deptt.	L-T-P	Th/Lab Ma	Sessional		Total	Credit
						Test	Assig/Att.		
1		OPEN ELECTIVE COURSE-1	Othe Deptt.	3---0---0	70	20	10	100	3
2		DEPTT ELECTIVE COURSE-3	Core Deptt.	3---0---0	70	20	10	100	3
3		DEPTT ELECTIVE COURSE-4	Core Deptt.	3---1---0	70	20	10	100	4
4		DEPTT COURSE-13	Core Deptt.	3---0---0	70	20	10	100	3
5		DEPTT COURSE-14	Core Deptt.	3---0---0	70	20	10	100	3
6		LAB-13	Core Deptt.	0---0---2	50		50	100	1
7		LAB-14	Core Deptt.	0---0---2	50		50	100	1
8		INDUSTRIAL TRAINING	Core Deptt.					100	2
9		PROJECT-1	Core Deptt.					100	3
10		General Profeciency						100	1
	TOTAL							**1000**	**24**

EIGHTH SEMESTER

SI No.	Subject Co	Subject Name	Teaching Deptt.	L-T-P	Th/Lab Ma	Sessional		Total	Credit
						Test	Assig/Att.		
1		OPEN ELECTIVE COURSE-2	Othe Deptt.	3---0---0	70	20	10	100	3
2		DEPTT ELECTIVE COURSE-5	Core Deptt.	3---0---0	70	20	10	100	3
3		DEPTT ELECTIVE COURSE-6	Core Deptt.	3---0---0	70	20	10	100	3
4		GD & SEMINAR	Core Deptt.					100	2
5		PROJECT-2	Core Deptt.					100	12
6		General Profeciency						100	1
	TOTAL							**600**	**24**

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IMS Engineerng College
Ghaziabad

Dr. A.P.J. Abdul Kalam Technical University
Lucknow
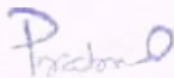
DRAFT PROPOSAL

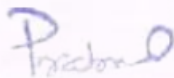## Rules and Regulations

For

Undergraduate Program (B.Tech)

2016-17

1

Dr. A.P.J. Abdul Kalam Technical University Lucknow

CHOICE BASED CREDIT SYSTEM (CBCS) ORDINANCE GOVERNING THE DEGREE OF BACHELOR OF ENGINEERING / TECHNOLOGY (B.E./B.Tech.)

DEFINITIONS OF KEY WORDS:

(i) **University:** Dr. APJ Abdul Kalam Technological University, Lucknow (APJAKTU).

(ii) **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.

(iii) **Semester:** Each semester will consist of 15-18 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June.

(iv) **Choice Based Credit System (CBCS):** The CBCS provides choice for students to select from the prescribed courses *(core, elective and Foundation Courses).*

(v) **Credit Based Semester System (CBSS):** Under the CBSS, the requirement for awarding a degree or certificate is prescribed in terms of number of credits to be earned by the students.

(vi) **Programme:** An educational programme leading to award of a Degree.

(vii) **Course:** Usually referred to, as 'papers' is a component of a programme. All courses need not carry the same weightage. The courses should define learning objectives and learning outcomes. A course may be designed to comprise lectures/ tutorials/laboratory work/ field work/ outreach activities/ project work/ vocational training/viva/ seminars/ term papers/assignments/ presentations/ self-study etc. or a combination of some of these.

(viii) **Branch:** Specialization or discipline of B.E./B.Tech. Degree Programme, like Civil Engineering, Agriculture Engineering, etc.

(ix) **Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters S, A, B, C, D, E and F.

(x) **Grade Point:** It is a numerical weightage allotted to each letter grade on a 10-point scale.

(xi) **Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.

(xii) **Credit Point:** It is the product of grade point and number of credits for a course.

(xiii) **Semester Grade Point Average (SGPA):** It is a measure of academic performance of student/s in a semester. It is the ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.

(xiv) **Cumulative Grade Point Average (CGPA):** It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points earned by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

(xv) **First Attempt:** If a student has completed all formalities and become eligible to attend the examinations and has attended at least one subject of passing, such attempt (first sitting) shall be considered as first attempt.

(xvi) **Transcript or Grade Card or Certificate:** Based on the grades earned, a grade sheet/certificate shall be issued to all the registered students at the end of every academic year. The grade sheet/certificate will display the course details (code, title, number of credits, grade secured) along with SGPA of both semesters and CGPA earned till that academic year.

CHOICE BASED CREDIT SYSTEM (CBCS):

The CBCS provides choice for students to select from the prescribed courses. Sequencing Plan for the B.Tech. Degree Curriculum

Semesters	Course Coverage
I –II	Applied Science Courses and Common Engineering Courses for all Branches; Mandatory Courses
III-IV	Applied Sciences Courses (Common for all Branches) and Engineering Core Courses: Core/Elective
V-VI	Humanities and Mandatory Courses, Engineering Core & Electives Courses; Other Electives; Branch-wise Orientation
VII-VIII	Engineering Core & Electives Courses; Open Electives; Branch-wise Orientation Electives/Elective; Other Electives, Internship, Project work

Credit Structure for Course Work

Lectures (hrs/wk/Sem)	Tutoria l(hrs/wk/ Sem)	Lab.Work (hrs/wk/Sem)	Credits
3	1	0	4
2	1	0	3
0	1	0	1
0	0	2	1
0	0	3	2
0	1	3	3
0	1	2	2

1. Admission

1.1 Admission to B.Tech. first year in I₁ₜ semester and lateral admission in B.Tech. second year in IIIrd semester (for diploma holder/B.Sc. candidates only) will be made as per the rules prescribed by the Academic Council of the Dr. A.P.J.Abdul Kalam Technical University (APJAKTU) Lucknow.

1.2 Admission on migration of a candidate from any other University to the University is not permitted.

2. ELIGIBILITY FOR ADMISSIONS

2.1 Admission to B. Tech. First Year through Entrance Examination:
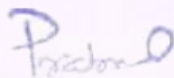
(a) Candidates who have passed Intermediate of U.P. Board or (10+2) standard from other board with Physics and Mathematics along with any one of Chemistry/Bio-Technology/Computer Science/ Biology are eligible for admission to first year of 4 year B.Tech. courses offered by Colleges/Institutions of U.P. affiliated to Dr. A.P.J.Abdul Kalam Technical University, Lucknow.

(b) Candidates who have passed Intermediate of U.P. Board or (10+2) standard from other board with Agriculture are only eligible for admission to first year of 4 year B.Tech. (Agriculture Engineering) offered by Colleges/Institutions of U.P. affiliated to Dr. A.P.J.Abdul Kalam Technical University, Lucknow.

2.2 Admission to B.Tech. Second Year through Lateral Entry Scheme:

(a) Candidates who have passed 3/4 year Diploma (with minimum 60% marks) from institutions recognized by the U.P. Board of Technical Education in any branch of Engineering/Technology except Agriculture Engineering are eligible for admission to Second year in any branch of Engineering./Technology except Agriculture Engineering

(b) Candidates who have passed 3/4 year Diploma (with minimum 60% marks) from institutions recognized by the U.P. Board of Technical Education in Agriculture Engineering are only eligible for admission to Second year of Agriculture Engineering.

2.3 Direct admission on vacant seats at institution/college level : The eligibility criteria for direct admission on seats remaining vacant in first year after entrance examination counseling shall be such as may be notified from time to time.

2.4 The Academic Council shall have power to amend or repeal the eligibility criteria laid down at clause 2.1. & 2.2. as per the guidelines of All India Council for Technical Education (A.I.C.T.E.).

3. ATTENDANCE

3.1 Every student is required to attend all the lectures, tutorials, practicals and other prescribed curricular and co-curricular activities. The attendance can be condoned upto 25% on medical grounds or for other genuine reasons beyond the control of students.

3.2 A further relaxation of attendance upto 15% for a student can be given by Head of Institution/college provided that he/she has been absent with prior permission of the Head of the institution/college for the reasons acceptable to him.

3.3 No student will be allowed to appear in the end semester examination if he / she do not satisfy the overall average attendance requirements of Clause Nos. 3.1, and 3.2. and such candidate(s) shall be treated as having failed and will be further governed by clause no. 4.2 & 4.3.

3.4 The attendance shall be counted from the date of admission in the college or start of academic session whichever is later.

4. DURATION OF COURSES

4.1 Total duration of the B.Tech. Course shall be 4 years, each year comprising of two semesters. Each semester shall normally have teaching for the 90 working days or as prescribed by A.I.C.T.E. from time to time.

4.2 The student admitted to 1st year B.Tech. shall complete the course within a period of eight academic years from the date of first admission, failing which he/she has to discontinue the course. The students admitted under lateral entry scheme (2nd Year B.Tech.) shall complete the course within a period of six academic years from the date of first admission, failing which he/she has to discontinue the course.

4.3 A candidate, who has failed thrice in first year due to any reason (either due to his/her non-appearance or he/she being not permitted to appear in semester examinations) shall not be allowed to continue his/her studies further. Provided further that if a student wishes to continue fourth time in first year he/she may be allowed on the terms and conditions laid down by the University for such permission but the maximum time allowed for completing the course will remain the same as in clause 4.2.

5. CURRICULUM

5.1 The 4 year curriculum has been divided into 8 semesters and shall include lectures, tutorials, practicals, seminars and projects etc. in addition to industrial training and educational tour etc. as defined in the scheme and executive instructions issued by the University from time to time.

5.2 The curriculum will also include such other curricular, co-curricular and extracurricular activities as may be prescribed by the University from time to time.

6. CHANGE OF BRANCH

6.1 Change of branch may be allowed against the vacant seats in the following two stages, provided criteria at following sub clauses is satisfied:
   (a) In first year, after the last date of admission to the B.Tech. Ist semester, on the basis of merit of entrance examination on vacant seat subject to clause 6.2.
   (b) In the second year, on the basis of merit at the B.Tech. first year examination for those who are pass without any carry over paper subject to clause 6.2.

6.2 After change of branch, number of students in branch(s) shall neither increase over the intake approved by A.I.C.T.E. nor it will decrease below 75% of intake approved by A.I.C.T.E.

6.3 Change of branch facility is not applicable to following:-
   (a) Candidates admitted in B.Tech. Agricultural Engineering course.
   (b) Candidates admitted in second year of B.Tech. courses as per clauses 2.2

6.4 The change of branch if allowed will become effective from B.Tech. IIIrd semester.

6.5 Further change of branch shall not be permitted.
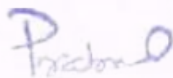
7. Change of College

Change of College shall not be permitted.

8. Examination

8.1 The performance of a student in a semester shall be evaluated through continuous class assessment and end semester examination. The continuous assessment shall be based on class tests, assignments/tutorials, quizzes/viva-voce and attendance. The marks for continuous assessment (Sessional marks) shall be awarded at the end of the semester. The end semester examination shall be comprised of written papers, practicals and viva-voce, inspection of certified course work in classes and laboratories, project work, design reports or by means of any combination of these methods.

8.2 The distribution of marks for sessional, end semester theory papers, practicals and other examinations, seminar, project, industrial training and general proficiency shall be as prescribed.

8.3 The marks obtained in a subject shall consist of marks allotted in end semester theory paper and sessional work.

8.4 The marks of General Proficiency (GP) shall be awarded by head of Institution/Department looking overall assessment of participation in extra and co curricular activities and discipline / sincerity / behavior of student during entire semester.

9. ELIGIBILITY OF PASSING

9.1 A student who obtained Grades O to E shall be considered as passed. If a student secured "F" grade, he /she has to reappear for the examination.

   (a) For a pass in a Theory Subject/Drawing, a student shall secure minimum of 30% of the maximum marks prescribed in the University Examination and 40% of marks in the aggregate marks in the subject including sessional marks. i.e. Minimum Passing Grade is "E".

   (b) For a pass in a Practical/Internship/Project/Viva-voce examination, a student shall secure a minimum of 40% of the maximum marks prescribed for the University Examination in the relevant Practical/Internship/Project/Viva-voce. i.e. Minimum Passing Grade in a course is "E".

   (c) For a pass in Seminar, a student shall secure a minimum of 40% of the maximum marks prescribed. i.e. Minimum Passing Grade is "E".

9.2 The students who do not satisfy the condition 9.1 or the student who remains absent shall be deemed to have failed in that subject and may reappear for the University examination in the subsequent examinations. However, the Sessional marks awarded to the student/s at previous attempt in the concerned subject will be carried forward.

9.3 The student who passes a course of a semester as per 9.1 shall not be allowed to appear for the same again, unless he/she opts for *abandoning of results* as per 9.4-9.8.

9.4 A student may, at his/her desire, opt to abandon his/her performance of a semester in following manner.

   (a) A student may opt to abandon his/her performance only in University Examination of the Semester.

   (b) A student may opt to abandon his/her Total Performance of the Semester which includes performance in University Examination and Sessional Marks.

   (c) A student may opt to abandon his/her performance in University Examination of any or both semesters of the same academic year only.

   (d) A student shall be allowed to abandon the performance maximum twice during the entire course of study.

   (e) Performance of a semester, once abandoned, can not be claimed again

9.5 The student who opts to abandon the performance of a semester as per clause 9.4, shall abandon performance in all the courses of that semester, irrespective of the fact whether the student has passed or failed in any subject of that semester. However, in case of 8th Semester, performance in Project shall not be abandoned.

9.6 A student, who opts to abandon the total performance of the semester including sessional marks, has to take readmission for the relevant semester. Readmission to the First semester in such cases shall not be considered as fresh admission i.e., the student will continue to have the same University Roll Number, which was allotted earlier.

9.7 The student, who opted to abandon his / her performance only in the University examination of a semester and does not desire readmission, shall be permitted to re-appear for examinations of all the subjects of the semester in the subsequent examinations as an Ex-Student. However, the sessional marks obtained by the student in the abandoned semester shall be retained. If the Semester, opted for abandoning of the performance in the University Examination, happens to be odd semester, the student shall be allowed to take admission to the immediate next even semester. If the Semester, opted for abandoning of the performance in the University Examination, happens to be even semester, the student shall not be allowed to take admission to the next odd semester.

9.8 Such students who opted to abandon the performance at final year are eligible for the award of Class and Distinction at the B. Tech. degree level, but are not eligible for the award of ranks.

9.9 A student shall be declared to have completed the program of B.Tech. degree, provided the student has undergone the stipulated course work as per the regulations and has earned at least **192** Credits.

10. PROMOTION AND ELIGIBILITY FOR THE EXAMINATION

10.1 There shall not be any restriction for promotion from an odd semester to the next even semester, provided the student has fulfilled the attendance requirement.

10.2 For promotion from first year to third semester the student has secured at least 20 credits in the first year (first and second semesters) including theory and practical credits.

10.3 There shall not be any restriction for promotion from second year to fifth semester and third year to seventh semester provided the student has fulfilled the attendance requirement. However, the student himself can decide to abandon the performance of any or both the semesters of same academic year as per clause 9.4 and reappear in abandoned semester examination as per clauses 9.5, 9.6 & 9.7.
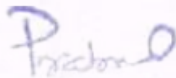
11. CARRYOVER SYSTEM

11.1

(a) A candidate who satisfies the requirements of clause 9.2 (a) will be required to appear in those theory papers / practicals in which he/she failed. However, a candidate of first year will be allowed to appear in the second semester examination in those theory/ practical subjects in which he/she failed in the first semester examination, provided examination of those theory/practical subjects are held in second semester.

(b) A candidate satisfying clause 9.2 (b) shall be required to exercise his/her choice upto a maximum of **four** theory papers in which he/she desires to appear in the examination to fulfill the requirements of clause 9.1(a).

11.2 All carryover examinations shall be held only with end semester examination.

12. RE-ADMISSION IN THE INSTITUTION/ COLLEGE

A candidate may be allowed for re-admission provided he/she satisfies one of the following conditions:

12.1 A candidate is declared fail

12.2 A candidate did not appear in a semester examination / or he/she was not granted permission to appear in the examination

12.3 A candidate has been detained by the institute and subsequently has been permitted to take re-admission.

12.4 A candidate as an ex-student passed the examination of the academic year or qualified for carryover system.

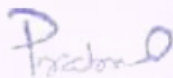**12.5** A candidate promoted with carry over subjects and he/she opted for readmission.

13. COURSES

13.1 There will be four types of courses.

(i) **Foundation Courses**: The Foundation Courses are of two kinds: *Compulsory Foundation* and *Elective foundation*.
"Compulsory Foundation": These courses are the courses based upon the content that leads to Knowledge enhancement. They are mandatory for all disciplines.
"Foundation Electives": These are value based courses aimed at man making education.

(ii) **Core Courses**: This is the course which is to be compulsorily studied by a student as a core requirement to complete the requirements of a program in a said discipline of study.

(iii) **Elective Courses:** This is course, which can be chosen from the pool of papers. It may be supportive to the discipline/ providing extended scope/enabling an exposure to some other discipline / domain / nurturing student proficiency skills.

(iv) **Mandatory Courses**: These courses are mandatory for students joining B.Tech. Program and students have to successfully complete these courses before the completion of degree.

13.2 The minimum number of students to be registered for an Elective to be offered shall be not less than twenty.

13.3 A student shall exercise his option in respect of the electives and register for the same at the beginning of the concerned semester. The student may be permitted to opt for change of elective subject within 15 days from the date of commencement of the semester as per the calendar of the University.

14. COMPUTATION OF SGPA AND CGPA

14.1 The Dr. A.P.J.Abdul Kalam Technical University (APJAKTU) Lucknow adopts absolute grading system wherein the marks are converted to grades, and every semester results will be declared with semester grade point average (SGPA) and Cumulative Grade Point Average (CGPA). The CGPA will be calculated every semester, except the first semester. The grading system is with the following letter grades and grade points scale as given below:

Level	Outstanding	Excellent	Very Good	Good	Above Average	Average	Poor	Fail
Letter Grade	O	S	A	B	C	D	E	F
Grade Points	10	9	8	7	6	5	4	00
Score (Marks) Range (%)	≥ 90	<90	<80, ≥ 70	<70, ≥ 60	<60 ≥ 50	<50, ≥ 45	<45, ≥ 40	< 40

14.2 A student obtaining Grade "F" shall be considered failed and will be required to reappear in the examination. Such students after passing the failed subject in subsequent examination/s will be awarded with "E" grade irrespective of marks he/she scores in the subsequent examination/s. Number of attempts taken to clear a subject/s shall be shown in the transcripts.

14.3 Computation of SGPA and CGPA

The following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

(a) The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e

$$\text{SGPA} (S_i) = \Sigma(C_i \times G_i) / \Sigma C_i$$

where C_i is the number of credits of the ith course and G_i is the grade point scored by the student in the ith course.

(b) The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$\text{CGPA} = \Sigma(C_i \times S_i) / \Sigma C_i$$

where S_i is the SGPA of the ith semester and C_i is the total number of credits in that semester.

(c) The SGPA and CGPA shall be rounded off to 2 decimal places and reported in the transcripts.

Illustration for Computation of SGPA and CGPA

Computation of SGPAIllustration No.1

Course	Credit	Grade letter	Grade point	Credit Point (Credit x Grade)
Course 1	4	A	8	4x8 = 32
Course 2	4	C	6	4x6 = 24
Course 3	4	B	7	4x7 = 28
Course 4	3	O	10	3x10= 30
Course 5	3	D	4	3x4 = 12
Course 6	2	C	6	2x6 = 12
Course 7	2	S	9	2x9 = 18
Course 8	2	C	6	2x6 = 12
Total	24			168

Thus, SGPA= 168/24=7.00

Illustration No.2

Course	Credit	Grade letter	Grade point	Credit Point (Credit x Grade)
Course 1	4	A	8	4x8 = 32
Course 2	4	C	6	4x6 = 24
Course 3	4	B	7	4x7 = 28
Course 4	3	O	10	3x10= 30
Course 5	3	F	0	3x0= 00
Course 6	2	C	6	2x6 = 12
Course 7	2	S	9	2x9 = 18
Course 8	2	C	6	2x6 = 12
Total	24			156

Thus, SGPA= 156/24=6.50

Illustration No.2 (a)

Course	Credit	Grade letter	Grade point	Credit Point (Credit x Grade)
Course 5	3	E	4	3x4 = 12

Ci (First Attempt)156+
Ci (subsequent attempt)
12= 168

Thus, **SGPA= 168/24=7.00**

Illustration No.3

Course	Credit	Grade letter	Grade point	Credit Point (Credit x Grade)
Course 1	4	A	8	4x8 = 32
Course 2	4	C	6	4x6 = 24
Course 3	4	B	7	4x7 = 28
Course 4	3	O	10	3x10= 30
Course 5	3	S	9	3x9= 27
Course 6	2	C	6	2x6 = 12
Course 7	2	S	9	2x9 = 18
Course 8	2	C	6	2x6 = 12
Total	24			183

Thus, SGPA= 183/24=7.63

CGPA= 24x7.00+24x7.63/48=**7.3125**

CGPA after Final Semester

Sem.- 1	Sem. - 2	Sem. - 3	Sem. – 4	Sem. - 5	Sem. - 6	Sem. - 7	Sem. - 8
Credit: 24	Credit : 24	Credit : 27	Credit : 27	Credit :24	Credit : 24	Credit : 24	Credit : 26
SGPA:7	SGPA:8.5	SGPA:9.2	SGPA:6.86	SGPA:8.18	SGPA:7.73	SGPA:8.68	SGPA:9.4

Thus, **CGPA**= 24x7 + 24x8.5 + 27x9.2 + 27x6.86 + 24x8.18 + 24x7.73 + 24x8.68 + 26x9.4/200 =**8.2**

14.4 Transcript (Format): Based on the above recommendations on Letter grades, grade points, SGPA and CCPA, the transcript for each semester and a consolidated transcript indicating the performance in all semesters may be issued.
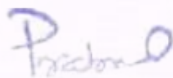
15. CONVERSION OF GRADES INTO PERCENTAGE:

Conversion formula for the conversion of GPA into Percentage is [CGPA Earned - 0.75] x 10= Percentage of marks scored.

Illustration: [CGPA Earned 8.2 - 0.75] x 10 = 74.5%

16. AWARD OF RANK PRIZES AND MEDALS

For the award of Prizes and Medals, the conditions stipulated by the Donor may be considered subject to the provisions of the statutes framed by the University for such awards.

For award of ranks in a branch, a minimum of 10 students should have appeared in the 8th semester examination. The total number of ranks awarded shall be 10% of total number of students appeared in 8th semester or 10 students, whichever is less in that branch.

Illustration:

1. If 1028 students appeared for the 8th semester in Electronics and Communication Engineering Branch, the number of ranks to be awarded for Electronics and Communication Engineering will 10.

2. If 90 students appeared for the 8th semester in Biomedical Engineering Branch, the number of ranks to be awarded for Biomedical Engineering will be 09.

For award of rank in a branch of Engineering / Technology, the CGPA secured by the student from
      (a) 1st to 8th semester for the students admitted to B.E./B.Tech. Program from 1st year, and
      (b) 3rd to 8th semester for the students admitted to B.E./B.Tech. Program from 2nd year
         (Lateral Entry)
shall be considered.

A student shall be eligible for a rank at the time of award of degree in each branch of Engineering / Technology, provided the student
    (a)   Has passed 1st to 8th (students joining from 1st semester) or 3rd to 8th (in case of lateral entry) semester in all the subjects in first attempt only
    (b)   Has not repeated/rejected any of the lower semesters.

If two students get the same CGPA, the tie should be resolved by considering the number of times a student has obtained higher SGPA; but, if it is not resolved even at this stage, the number of times a student has obtained higher grades like O, S, A, B etc shall be taken into account in rank ordering of the students in a program.
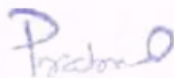
17. SCRUTINY AND REVALUATION

17.1 Scrutiny shall be allowed in only theory papers.
17.2 Revaluation of theory/practical papers is permitted only with certain conditions as laid down by university.

18. UNFAIR MEANS

Cases of unfair means shall be dealt as per the rules of the University and the U.P. Public Examination (Prevention of Unfair means) Act if any in prevalence.

19. AWARD OF SESSIONAL MARKS

Sessional marks for theory subjects, practicals and project shall be awarded as will be prescribed and at present the break-up of sessional marks shall be as follows:

(a) Theory Subjects :
    (i) Class test which will comprise 60% two mid-term tests of equal weightage
    (ii) Teacher Assessment Tutorial/Assignment/ Quizzes 20% Attendance 20%

(b) Practicals,
    (i) Two mid-term viva-voce/tests of equal weightage 50%
    (ii) Teacher Assessment: Lab, Record 25%, Attendance 25%

(c) Make-up test may be held only for those students who could not appear in any one of mid-term class tests due to genuine reasons for which the prior permission from the Head of Institution/College was taken. Make up test shall ordinarily be held about two weeks before the semester examination. The syllabus for the make-up test shall be the whole syllabus covered by the subject teacher upto that time.

20. AWARD OF GENERAL PROFICIENCY MARKS AT INSTITUTION/COLLEGE LEVEL

20.1 The marks in General Proficiency shall be awarded on the following basis:
    (a) Co- curricular & Extra-curricular activities (Games, Sports, Cultural and Literary activities etc.) 60% [to be awarded by the Officer-Incharge, Extra- curricular activities]

    (b) Discipline (Inside and Outside Institution/College campus) 40% [to be awarded by the Officer Incharge, Discipline]

20.2 The marks of General Proficiency will be compiled by the Head of Institution/College or his/her nominee.
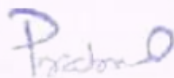
21. AWARD OF SEMINAR INDUSTRIAL TRAINING, EDUCATIONAL TOUR MARKS AT INSTITUTION/COLLEGE LEVEL

21.1 The marks of Seminar, Industrial Training, Educational tour marks shall be awarded on the following basis:
    (i) Write-up / Report 50%
    (ii) Presentation 50%

21.2 The marks in Seminar, Industrial Training and Educational Tour shall be awarded by a committee consisting of following members:

    (i) Head of the Department or his/her nominee.
    (ii) Concerned Officer – Incharge.
    (iii) Senior Faculty Member of the department nominated by the Head of Department.

22. CANCELLATION OF ADMISSION

The admission of a student at any stage of study shall be cancelled if :

(i) He / She is not found qualified as per AICTE / State Government norms and guidelines or the eligibility criteria prescribed by the University. or

(ii) He / She is found unable to complete the course within the stipulated time as prescribed in clause 4.2 or

(iii) He / She is found involved in creating indiscipline in the Institution / College or in the University.

23. The Academic Council shall have the power to relax any provision provided in the ordinance in any specific matter/situation subject to the approval of Executive Council of the University & such decision(s) shall be reported to the Chancellor of the University.

Director
IMS Engineering College
Ghaziabad

DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW

Rules and Regulations

For

Undergraduate Course
(B. Tech. /B. Pharmacy/BHMCT/BFAD)

On

Choice Based Credit System

(Effective from the Session: 2016-17)

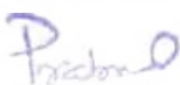# Dr. A.P.J. Abdul Kalam Technical University Luc no

CHOICE BASED CREDIT SYSTEM (CBCS) ORDINANCE GOVERNING THE DEGREE OF BACHELOR OF ENGINEERING / TECHNOLOGY /PHARMACY/HOTEL MANAGEMENT AND CATERING TECHNOLOGY/FASHION AND DESIGN/(B.E./B.Tech./B.Pharm./B. HMCT/BFAD)

CHOICE BASED CREDIT SYSTEM (CBCS):

The choice based credit system provides flexibility in designing curriculum and assigning credits based on the course content and hour of teaching. The choice based credit system provides an opportunity for the students to choose courses from the prescribed courses comprising core, elective and open elective courses .The CBCS provides a cafeteria type approach in which the students can take courses of their choice, learn at their own pace, undergo additional courses and acquired more than the required credits, and adopt an interdisciplinary approach to learning. The courses shall be evaluated on the grading system, which is considered to be better than the conventional marks system. It is necessary to introduce the grading system to make the uniformity among all technical institutions of India. This will benefit the students to move across institutions within India to begin with and across countries. The uniform grading system will also enable potential employers in assessing the performance of the candidates. In order to bring uniformity in evaluation system and computation of the Cumulative Grade Point Average (CGPA) based on studentø performance in examinations, the AICTE has formulated the guidelines to be followed.

DEFINITIONS OF KEY WORDS:

(i)   **University:** Dr. APJ Abdul Kalam Technological University, Lucknow (APJAKTU).
(ii)   **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
(iii)   **Semester:** Each semester will consist of 15-18 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June.
(iv)   **Choice Based Credit System (CBCS):** The CBCS provides choice for students to select from the prescribed courses *(core, elective and Foundation Courses).*
(v)   **Credit Based Semester System (CBSS):** Under the CBSS, the requirement for awarding a degree or certificate is prescribed in terms of number of credits to be earned by the students.
(vi)   **Programme:** An educational programme leading to award of a Degree.
(vii)   **Course:** Usually referred to, as ÷papersø is a component of a programme. All courses need not carry the same weightage. The courses should define learning objectives and learning outcomes. A course may be designed to comprise lectures/ tutorials/laboratory work/ field work/ outreach activities/ project work/ vocational training/viva/ seminars/ term papers/assignments/ presentations/ self-study etc. or a combination of some of these.
(viii)   **Branch:** Specialization or discipline of B.E./B.Tech. Degree Programme, like Civil Engineering, Agriculture Engineering, etc.

(ix) **Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters A, B, C, D, E and F.

(x) **Grade Point:** It is a numerical weightage allotted to each letter grade on a 10-point scale.

(xi) **Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.

(xii) **Credit Point:** It is the product of grade point and number of credits for a course.

(xiii) **Semester Grade Point Average (SGPA):** It is a measure of academic performance of student/s in a semester. It is the ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.

(xiv) **Cumulative Grade Point Average (CGPA):** It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points earned by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

(xv) **First Attempt:** If a student has completed all formalities and become eligible to attend the examinations and has attended at least one subject of passing, such attempt (first sitting) shall be considered as first attempt.

(xvi) **Transcript or Grade Card or Certificate:** Based on the grades earned, a grade sheet/certificate shall be issued to all the registered students at the end of every academic year. The grade sheet/certificate will display the course details (code, title, number of credits, grade secured) along with SGPA of both semesters and CGPA earned till that academic year.

The CBCS provides choice for students to select from the prescribed courses. Sequencing Plan for the B.Tech. Degree Curriculum

Semesters	*Course Coverage*
I óII	Applied Science Courses and Common Engineering Courses for all Branches; Mandatory Courses
III-IV	Applied Sciences Courses (Common for all Branches) and Engineering Core Courses: Core/Elective
V-VI	Humanities and Mandatory Courses, Engineering Core & Electives Courses; Other Electives; Branch-wise Orientation
VII-VIII	Engineering Core & Electives Courses; Open Electives; Branch-wise Orientation Electives/Elective; Other Electives, Internship, Project work

Credit Structure for Course Wor

Lectures (hrs/wk/Sem)	Tutorial(hrs/wk/ Sem)	Lab.Work (hrs/wk/Sem)	Credits
3	1	0	4
2	1	0	3
0	1	0	1
0	0	2	1
0	0	3	2
0	1	3	3
0	1	2	2

1. ADMISSION

1.1 Admission to B.Tech./B.Pharm./B. HMCT/BFAD first year in I$_{st}$ semester and lateral admission in B.Tech. /B.Pharm. second year in III$_{rd}$ semester (for diploma holder/B.Sc. candidates only) will be made as per the rules prescribed by the Academic Council of the Dr. A.P.J.Abdul Kalam Technical University (APJAKTU) Lucknow.

1.2 Admission on migration of a candidate from any other University to the University is not permitted.

2. ELIGIBILITY FOR ADMISSIONS

2.1 Admission to B. Tech. /B. Pharm./B.HMCT/BFAD First Year through Entrance Examination:

(a) Eligibility for admission to under graduate courses in First year shall be as per guidelines of All India Council for Technical Education (AICTE) / Related Council and according to the latest U.P. Government notifications/rules.

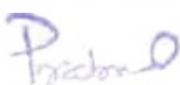**2.2 Admission to B.Tech. Second Year through Lateral Entry Scheme:**

(a) Candidates who have passed 3/4 year Diploma (with minimum 60% marks) from institutions recognized by the U.P. Board of Technical Education in any branch of Engineering/Technology except Agriculture Engineering are eligible for admission to Second year in any branch of Engineering./Technology except Agriculture Engineering

(b) Candidates who have passed 3/4 year Diploma (with minimum 60% marks) from institutions recognized by the U.P. Board of Technical Education in Agriculture Engineering are only eligible for admission to Second year of Agriculture Engineering.

2.3 Direct admission on vacant seats at institution/college level: The eligibility criteria for direct admission on seats remaining vacant in first year after entrance examination counseling shall be such as may be notified from time to time.

2.4 The Academic Council shall have power to amend or repeal the eligibility criteria laid down at clause 2.1. & 2.2, as per the guidelines of AICTE.

3. ATTENDANCE

3.1 Every student is required to attend all the lectures, tutorials, practicals and other prescribed curricular and co-curricular activities. The attendance can be condoned up to 25% on medical grounds or for other genuine reasons beyond the control of students.

3.2 A further relaxation of attendance up to 15% for a student can be given by Head of Institution/college provided that he/she has been absent with prior permission of the Head of the institution/college for the reasons acceptable to him.

Director
IMS Engineering College
Ghaziabad

3.3 No student will be allowed to appear in the end semester examination if he / she do not satisfy the overall average attendance requirements of Clause Nos. 3.1, and 3.2. and such candidate(s) shall be treated as having failed and will be further governed by clause no. 4.2 & 4.3.

3.4 The attendance shall be counted from the date of admission in the college or start of academic session whichever is later.

4. DURATION OF COURSES

4.1 Total duration of the B.Tech./B. Pharm./B.HMCT/BFAD Course shall be 4 years, each year comprising of two semesters. Each semester shall normally have teaching for the 90 working days or as prescribed by A.I.C.T.E. from time to time.

4.2 The student admitted to 1st year B.Tech./B. Pharm./B.HMCT/BFAD shall complete the course within a period of seven academic years from the date of first admission, failing which he/she has to discontinue the course. The students admitted under lateral entry scheme (2nd Year B.Tech./B. Pharm.) shall complete the course within a period of six academic years from the date of first admission, failing which he/she has to discontinue the course.

4.3 A candidate, who has failed twice in first year due to any reason (either due to his/her non-appearance or he/she being not permitted to appear in semester examinations) shall not be allowed to continue his/her studies further. Provided further that if a student wishes to continue third time in first year he/she may be allowed on the terms and conditions laid down by the University for such permission but the maximum time allowed for completing the course will remain the same as in clause 4.2.

4.4 The minimum credit requirement for B.Tech./B. Pharm./B.HMCT/BFAD degree is 192 credits. The lower and upper limit for course credits registered in a semester by a full time student of a degree program are:
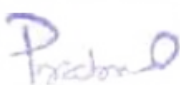
Lower limit - 16 Credits
Upper limit - 28 Credits

5. CURRICULUM

5.1 The 4 year curriculum has been divided into 8 semesters and shall include lectures, tutorials, practicals, seminars and projects etc. in addition to industrial training and educational tour etc. as defined in the scheme and executive instructions issued by the University from time to time.

5.2 The curriculum will also include such other curricular, co-curricular and extracurricular activities as may be prescribed by the University from time to time.

5.3 The subjects listed in semester I or II for B. Tech (other than Agriculture) will be in floating mode except the mathematics-I & II and Physics-I & II(for Biotech except Elementary Maths-I &II/ Remedial Biology-I& II and Physics-I & II) . Institutes will be free to make their own pool of subjects with total no of credits not exceeding 28 per semester.

6. CHANGE OF BRANCH

6.1 Change of branch may be allowed against the vacant seats in the following two stages, provided criteria at following sub clauses is satisfied:

(a) In first year, after the last date of admission to the B.Tech. I$_{st}$ semester, on the basis of merit of entrance examination on vacant seat subject to clause 6.2.

(b) In the second year, on the basis of merit at the B.Tech. first year examination for those who are pass without any carry over paper subject to clause 6.2.

6.2 After change of branch, number of students in branch(s) shall neither increase over the intake approved by A.I.C.T.E. nor it will decrease below 75% of intake approved by A.I.C.T.E.

6.3 Change of branch facility is not applicable to following:-

(a) Candidates admitted in B.Tech. Agricultural Engineering/Biotechnology courses.

(b) Candidates admitted in second year of B.Tech. courses as per clauses 2.2

6.4 The change of branch if allowed will become effective from B.Tech. IIIrd semester.

6.5 The Branch change process must be completed by 30th August of each academic session. Further change of branch shall not be permitted.

7. CHANGE OF COLLEGE

7.1 Change of College shall not be permitted.
7.2 Change of study center shall not be permitted.

8. EXAMINATION

8.1 The performance of a student in a semester shall be evaluated through continuous class assessment and end semester examination. The continuous assessment shall be based on class tests, assignments/tutorials, quizzes/viva-voce and attendance. The marks for continuous assessment (Sessional marks) shall be awarded at the end of the semester. The end semester examination shall be comprised of written papers, practicals and viva-voce, inspection of certified course work in classes and laboratories, project work, design reports or by means of any combination of these methods.

8.2 The distribution of marks for sessional, end semester theory papers, practicals and other examinations, seminar, project and industrial training shall be as prescribed. The practicals, viva-voce, projects and reports shall be examined/evaluated through internal and external examiners as and when required.

8.3 The marks obtained in a subject shall consist of marks allotted in end semester theory paper and sessional work.

9. ELIGIBILITY OF PASSING

9.1 A student who obtained Grades A$^+$ to E shall be considered as passed. If a student secured õFö grade, he /she has to reappear for the examination**.** It is mandatory for a student to earn the required credits as mentioned in each semester.

    (a) For a pass in a Theory Subject/Drawing, a student shall secure minimum of 30% of the maximum marks prescribed in the University Examination and 40% of marks in the aggregate marks in the subject including sessional marks. i.e. Minimum Passing Grade is õEö.

    (b) For a pass in a Practical/Internship/Project/Viva-voce examination, a student shall secure a minimum of 50% of the maximum marks prescribed for the University Examination in the relevant Practical/Internship/Project/Viva-voce and 40% of marks in the aggregate marks in the Practical/Internship/Project/Viva-voce including sessional marks . i.e. Minimum Passing Grade in a course is õEö.

    (c) For a pass in Seminar, a student shall secure a minimum of 40% of the maximum marks prescribed. i.e. Minimum Passing Grade is õEö.

9.2 The students who do not satisfy the condition 9.1 or the student who remains absent shall be deemed to have failed in that subject and may reappear for the University examination in the subsequent examinations. However, the Sessional marks awarded to the student/s at previous attempt in the concerned subject will be carried forward.

9.3 A student may, at his/her desire, opt to abandon his/her performance of a semester in following manner.

    (a) A student may opt to abandon his/her performance only in University Examination of the Semester.

    (b) A student may opt to abandon his/her Total Performance of the Semester which includes performance in University Examination and Sessional Marks.

    (c) A student may opt to abandon his/her performance in University Examination of any or both semesters of the same academic year only.

    (d) A student shall be allowed to abandon the performance maximum twice during the entire course of study.

    (e) Performance of a semester, once abandoned, can not be claimed again.

9.4 The student, who opts to abandon the performance of a semester as per clause 9.3, shall abandon performance in all the courses of that semester, irrespective of the fact whether the student has passed or failed in any subject of that semester.

9.5 A student, who opts to abandon the total performance of the semester including sessional marks, has to take readmission for the relevant semester. Readmission to the First semester in such cases shall not be considered as fresh admission i.e., the student will continue to have the same University Roll Number, which was allotted earlier.

9.6 The student, who opted to abandon his / her performance only in the University examination of a semester and does not desire readmission, shall be permitted to re-appear for examinations of all the subjects of the semester in the subsequent examinations as an Ex-

Student. However, the sessional marks obtained by the student in the abandoned semester shall be retained.

9.7 Such students who opted to abandon the performance at final year are eligible for the award of Class and Distinction at the B.Tech./B. Pharm./B.HMCT degree level, but are not eligible for the award of ranks.

9.8 The student who passes a course of a semester as per 9.1 shall not be allowed to appear for the same again, unless he/she opts for *abandoning of results* as per 9.3-9.7.

9.9 A student shall be declared to have completed the program of B.Tech./B. Pharm./B.HMCT degree, provided the student has undergone the stipulated course work as per the regulations and has earned at least **192** Credits.

10. ELIGIBILITY FOR PROMOTION

10.1 There shall not be any restriction for promotion from an odd semester to the next even semester.

10.2 For promotion from even semester to the next odd semester (i.e. of the next academic year) the student has secured 24 credits in the immediately preceding two semesters including theory and practical credits.

Minimum Credit Threshold for Promotion

Check Point	Credit Threshold
First Year to Second Year	24 Credits in First Year
Second Year to Third Year	24 Credits in Second year
Third Year to Fourth Year	24 Credits in Third year

10.3 The result of the semester shall be declared pass only on securing E or above grades in all subjects and minimum Semester Grade Point Average (SGPA) is 5.0.

10.4 Student himself can decide to abandon the performance of any or both the semesters of same academic year as per clause 9.3 and reappear in abandoned semester examination as per clauses 9.4, 9.5 & 9.6.

11. CARRYOVER SYSTEM

11.1 Following rules shall be followed for carry over papers:

(a) A candidate who satisfies the requirements of clause 9.2 (a) will be required to appear in those theory papers / practicals during respective end semester exams in which he/she failed.

(b) A candidate satisfying clause 9.2 (b) shall be required to exercise his/her choice of theory papers in which he/she desires to appear in the examination to fulfill the requirements of clause 9.1(a).

(c) A candidate shall be required to exercise his/her choice of minimum theory papers in which he/she desires to appear in the examination for improvement to fulfill the requirements of clause 10.3.

(d) Candidate appearing for carry over paper in any semester shall be examined with the examination paper of that subject running in that semester.

11.2 All carryover examinations shall be held only with end semester examination.
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12. RE-ADMISSION IN THE INSTITUTION/ COLLEGE

A candidate may be allowed for re-admission provided he/she satisfies one of the following conditions:

(a) A candidate is declared fail.

(b) A candidate did not appear in a semester examination / or he/she was not granted permission to appear in the examination.

(c) A candidate has been detained by the institute and subsequently has been permitted to take re-admission.

(d) A candidate has own desire to abandon the performance of semester(s).

13. COURSES

13.1 There will be four types of courses.

(i) **Foundation Courses**: The Foundation Courses are of two kinds: *Compulsory Foundation* and *Elective foundation*.
õCompulsory Foundationö: These courses are the courses based upon the content that leads to Knowledge enhancement. They are mandatory for all disciplines.
õFoundation Electivesö: These are value based courses aimed at man making education.

(ii) **Core Courses**: This is the course which is to be compulsorily studied by a student as a core requirement to complete the requirements of a program in a said discipline of study.

(iii) **Elective Courses:** This is course, which can be chosen from the pool of papers. It may be supportive to the discipline/ providing extended scope/enabling an exposure to some other discipline / domain / nurturing student proficiency skills.

(iv) **Mandatory Courses**: These courses are mandatory for students joining B.Tech. Program and students have to successfully complete these courses before the completion of degree.

13.2 The minimum number of students to be registered for an Elective to be offered shall be not less than twenty.

13.3 A student shall exercise his option in respect of the electives and register for the same at the beginning of the concerned semester. The student may be permitted to opt for change of elective subject within 15 days from the date of commencement of the semester as per the calendar of the University.
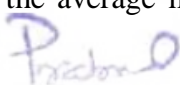
4. COMPUTATION OF SGPA AND CGPA

14.1 The Dr. A.P.J.Abdul Kalam Technical University (APJAKTU) Lucknow adopts absolute grading system wherein the marks are converted to grades, and every semester results will be declared with semester grade point average (SGPA) and Cumulative Grade Point Average (CGPA). The CGPA will be calculated every semester, except the first semester. The grading system is with the following letter grades and grade points scale as given below:

Level	Outstanding	Excellent	Very Good	Good	Above Average	Average	Poor	Fail
Letter Grade	A	A	B	B	C	D	E	F
Grade Points	10	9	8	7	6	5	4	00
Score (Mar s) Range ( )	≥ 90 (90-100)	90 (80-89)	80, ≥70 (70-79)	70, ≥60 (60-69)	60 ,≥50 (50-59)	50, ≥45 (45-49)	45, ≥40 (40-44)	40 (0-39)

14.2 A student obtaining Grade õFö shall be considered failed and will be required to reappear in the examination. Such students after passing the failed subject in subsequent examination/s will be awarded with õEö grade irrespective of marks he/she scores in the subsequent examination/s. Number of attempts taken to clear a subject/s shall be shown in the transcripts.

14.3 The University has right to scale/moderate the theory exam/practical exam/sessional marks of any subject whenever required for converting of marks in to letter grades on the basis of the result statistics of university as in usual practice.

    (a) The modality for moderation of marks before the declaration of result shall be decided by a committee of Pro-Vice Chancellor, Dean UG, Assoc. Dean UG and Controller of Examination.

    (b) The modality for moderation of marks if needed after the declaration of result shall be decided by a committee of Pro-Vice Chancellor, Dean UG, Assoc. Dean UG, Controller of Examination and an external member not below the rank of Professor nominated by the Vice Chancellor.

    (c) If the candidate(s) appeared in the examination but theory marks are not available due to missing of copy by any reason, the average marks may be awarded as decided by the

committee mentioned in 14.3(a). In case of missing/unavailable of sessional marks, Controller of Examination can take decision as per the provision laid down by the Examination Committee.

(d) The Committee defined in14.3 (a) shall also fix up the responsibility and recommend the punishment for occurrence of such case(s) in14.3(c).

(e) All the matters defined under 14.3(a) to 14.3 (d) shall be executed subject to the approval of Academic Council of the APJAKTU.

14.4 Computation of SGPA and CGPA

The following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

(a) The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e
SGPA (Si) =   (Ci x Gi) /   Ci
where C_i is the number of credits of the ith course and Gi is the grade point scored by the student in the ith course.

(b) The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.
CGPA   (Ci x Si) /   Ci
where Si is the SGPA of the ith semester and Ci is the total number of credits in that semester.

(c) The SGPA and CGPA shall be rounded off to 2 decimal places and reported in the transcripts.

Illustration for Computation of SGPA and CGPA

Computation of SGPAIllustration No.1

Course	Credit	Grade letter	Grade point	Credit Point (Credit x Grade)
Course 1	4	B	8	4x8 = 32
Course 2	4	C	6	4x6 = 24
Course 3	4	B	7	4x7 = 28
Course 4	3	A	10	3x10= 30
Course 5	3	D	4	3x4 = 12
Course 6	2	C	6	2x6 = 12
Course 7	2	A	9	2x9 = 18
Course 8	2	C	6	2x6 = 12

Total	**24**			**168**

Thus, **SGPA   168/24   7.00**

Illustration No.2

Course	Credit	Grade letter	Grade point	Credit Point (Credit x Grade)
Course 1	**4**	**B**	**8**	4x8 = 32
Course 2	**4**	**C**	**6**	4x6 = 24
Course 3	**4**	**B**	**7**	4x7 = 28
Course 4	**3**	**A**	**10**	3x10= 30
Course 5	**3**	**F**	**0**	3x0= 00
Course 6	**2**	**C**	**6**	2x6 = 12
Course 7	**2**	**A**	**9**	2x9 = 18
Course 8	**2**	**C**	**6**	2x6 = 12
Total	**24**			**156**

Thus, **SGPA   156/24   6.50**

Illustration No.2 (a)

Course	Credit	Grade letter	Grade point	Credit Point (Credit x Grade)
Course 5	**3**	**E**	**4**	3x4 = 12

Ci (First Attempt)156+ Ci (subsequent attempt)12= 168

Thus, **SGPA   168/24   7.00**

Illustration No.3

Course	Credit	Grade letter	Grade point	Credit Point (Credit x Grade)
Course 1	**4**	**B**	**8**	4x8 = 32
Course 2	**4**	**C**	**6**	4x6 = 24
Course 3	**4**	**B**	**7**	4x7 = 28
Course 4	**3**	**A**	**10**	3x10= 30
Course 5	**3**	**A**	**9**	3x9= 27
Course 6	**2**	**C**	**6**	2x6 = 12
Course 7	**2**	**A**	**9**	2x9 = 18
Course 8	**2**	**C**	**6**	2x6 = 12
Total	**24**			**183**

Thus, **SGPA   183/24   7.63**

CGPA= 24x7.00+24x7.63/48=**7.3125**

CGPA after Final Semester

Sem.- 1	Sem. - 2	Sem. - 3	Sem. – 4	Sem. - 5	Sem. - 6	Sem. - 7	Sem. - 8
Credit: 24	Credit : 24	Credit : 27	Credit : 27	Credit :24	Credit : 24	Credit : 24	Credit : 26
SGPA:7	SGPA:8.5	SGPA:9.2	SGPA:6.86	SGPA:8.18	SGPA:7.73	SGPA:8.68	SGPA:9.4

Thus**, CGPA** $24x7 + 24x8.5 + 27x9.2 + 27x6.86 + 24x8.18 + 24x7.73 + 24x8.68 + 26x9.4/200$
8.2

14.5 Transcript (Format): Based on the above recommendations on Letter grades, grade points, SGPA and CCPA, the transcript for each semester and a consolidated transcript indicating the performance in all semesters may be issued.

15. CONVERSION OF GRADES INTO PERCENTAGE

Conversion formula for the conversion of CGPA into Percentage is **CGPA Earned x 10 Percentage of mar s scored.**

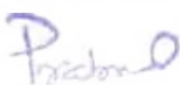**Illustration**: CGPA Earned 8.2 x 10 = 82.0%

16. AWARD OF DIVISION, RANK AND MEDALS

16.1 Division shall be awarded only after the eighth and final semester examination based on integrated performance of the candidate for all the eight semesters (six semester for lateral entry) as per following details.

 (a) A candidate who qualifies for the award of the degree securing E or above grades in all subjects pertaining to all semesters in his/her first attempt within eight consecutive semesters (four academic years)/ six consecutive semesters (three academic years) as applicable, and in addition secures a CGPA of 7.5 and above for the semesters I to VIII (III to VIII) shall be declared to have passed the examination in FIRST DIVISION WITH HONOURS.

(b) A candidate who qualifies for the award of the degree by securing E or above grades in all subjects of all the semesters within a maximum period of eight semesters/six semesters as applicable, after his/her commencement of study in the 1st/3rd semester an addition secures CGPA not less than 6.5 shall be declared to have passed the examination in FIRST DIVISION.

(c) All other candidates who qualify for the award of degree by securing E or above grades in all subjects of all semesters within a maximum period of eight semesters/six semesters as applicable, after his/her commencement of study in the 1st/3rdsemester an

addition secures CGPA not less than 5.0 shall be declared to have passed the examination in SECOND DIVISION.

16.2 For award of ranks in a branch, a minimum of 10 students should have appeared in the 8th semester examination. The total number of ranks awarded shall be 10% of total number of students appeared in 8th semester or 10 students, whichever is less in that branch.

Illustration:

1. If 1028 students appeared for the 8th semester in Electronics and Communication Engineering Branch, the number of ranks to be awarded for Electronics and Communication Engineering will 10.

2. If 90 students appeared for the 8th semester in Biomedical Engineering Branch, the number of ranks to be awarded for Biomedical Engineering will be 09.

For award of rank in a branch of Engineering / Technology, the CGPA secured by the student from
  (a) 1st to 8th semester for the students admitted to B.E./B.Tech. Program from 1st year, and
  (b) 3rd to 8th semester for the students admitted to B.E./B.Tech. Program from 2nd year (Lateral Entry)
 shall be considered.
A student shall be eligible for a rank at the time of award of degree in each branch of Engineering / Technology, provided the student
  (a)   Has passed 1st to 8th (students joining from 1st semester) or 3rd to 8th (in case of lateral entry) semester in all the subjects in first attempt only
  (b)   Has not repeated/rejected any of the lower semesters.

If two students get the same *CGPA*, the tie should be resolved by considering the number of times a student has obtained higher *SGPA;* but, if it is not resolved even at this stage, the number of times a student has obtained higher grades like A^+, A, B^+, B etc shall be taken into account in rank ordering of the students in a program.

16.3 The Gold, Silver and any other Medals as decided by the university shall be awarded to students falls in the top ranks of various courses as per university rules.
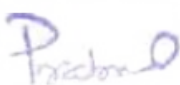
17. SCRUTINY AND REVALUATION

17.1 Scrutiny shall be allowed in only theory papers.
17.2 Revaluation of theory/practical papers is permitted only with certain conditions as laid down by university.

18. UNFAIR MEANS
Cases of unfair means shall be dealt as per the rules and regulations of the University.

19. AWARD OF SESSIONAL MARKS

Sessional marks for theory subjects, practicals and project shall be awarded as prescribed and at present the break-up of sessional marks shall be as follows:

(a) Theory Subjects :

(i) Class test which will comprise 20 % of total theory marks with two mid-term tests of equal weightage.

(ii) Teacher Assessment Tutorial/Assignment/ Quizzes/ Attendance comprises 10% of total theory marks.

(b) Practicals,

(i) Two mid-term viva-voce/tests of equal weightage 30% of total Practical marks.

(ii) Teacher Assessment: Lab, Record/ Attendance 20% of total Practical marks.

(c) Make-up test may be held only for those students who could not appear in any one of mid-term class tests due to genuine reasons for which the prior permission from the Head of Institution/College was taken. Make up test shall ordinarily be held about two weeks before the semester examination. The syllabus for the make-up test shall be the whole syllabus covered by the subject teacher upto that time.

20. AWARD OF SEMINAR INDUSTRIAL TRAINING, EDUCATIONAL TOUR MARKS AT INSTITUTION/COLLEGE LEVEL

20.1 The marks of Seminar, Industrial Training, Educational tour marks shall be awarded on the following basis:

(i) Write-up / Report 50%

(ii) Presentation 50%

20.2 The marks in Seminar, Industrial Training and Educational Tour shall be awarded by a committee consisting of following members:

(i) Head of the Department or his/her nominee.

(ii) Concerned Officer ó Incharge.

(iii) Senior Faculty Member of the department nominated by the Head of Department.
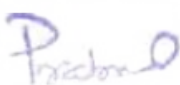
21. CANCELLATION OF ADMISSION

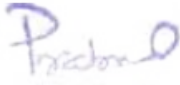The admission of a student at any stage of study shall be cancelled if :

(a) He / She is not found qualified as per AICTE / State Government norms and guidelines or the eligibility criteria prescribed by the University. or

(b) He / She is found unable to complete the course within the stipulated time as prescribed in clause 4.2 or

(c) He / She is found involved in creating indiscipline in the Institution / College or in the University.

22. The Academic Council shall have the power to relax any provision provided in the ordinance in any specific matter/situation subject to the approval of Executive Council of the University.

DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW

Rules and Regulations

For

Master in Business Administration (MBA)/Tourism Management(TM)

On

Choice Based Credit System

(Effective from the Session: 2016-17)

CHOICE BASED CREDIT SYSTEM (CBCS) ORDINANCE GOVERNING THE DEGREE OF MASTER OF BUSINESS ADMINISTRATION (MBA) & MBA (TM)

CHOICE BASED CREDIT SYSTEM (CBCS):

The choice based credit system provides flexibility in designing curriculum and assigning credits based on the course content and hour of teaching. The choice based credit system provides an opportunity for the students to choose courses from the prescribed courses. The CBCS provides a cafeteria type approach in which the students can take courses of their choice, learn at their own pace, undergo additional courses and acquired more than the required credits, and adopt an interdisciplinary approach to learning. The courses shall be evaluated on the grading system, which is considered to be better than the conventional marks system. It is necessary to introduce the grading system to make the uniformity among all technical institutions of India. This will benefit the students to move across institutions within India to begin with and across countries. The uniform grading system will also enable potential employers in assessing the performance of the candidates. In order to bring uniformity in evaluation system and computation of the Cumulative Grade Point Average (CGPA) based on studentø performance in examinations, the AICTE has formulated the guidelines to be followed.

DEFINITIONS OF KEY WORDS:

(i)   **University:** Dr. APJ Abdul Kalam Technological University, Lucknow (APJAKTU).
(ii)   **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
(iii)   **Semester:** Each semester will consist of 15-18 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June.
(iv)   **Choice Based Credit System (CBCS):** The CBCS provides choice for students to select from the prescribed courses .
(v)   **Credit Based Semester System (CBSS):** Under the CBSS, the requirement for awarding a degree or certificate is prescribed in terms of number of credits to be earned by the students.
(vi)   **Programme:** An educational programme leading to award of a Degree.
(vii)   **Course:** Usually referred to, as ÷papersø is a component of a programme. All courses need not carry the same weightage. The courses should define learning objectives and learning outcomes. A course may be designed to comprise lectures/ tutorials/field work/ outreach activities/ project work/ vocational training/viva/ seminars/ term papers/assignments/ presentations/ self-study etc. or a combination of some of these.
(viii) **Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters   A, B, C, D, E and F.
(ix)   **Grade Point:** It is a numerical weightage allotted to each letter grade on a 10-point scale.
(x)   **Credit:** A unit by which the course work is measured. It determines the number of hours of instructions. One credit is equivalent to 10 ó 12 hours of teaching.
(xi)   **Credit Point:** It is the product of grade point and number of credits for a course.
(xii)   **Semester Grade Point Average (SGPA):** It is a measure of academic performance of student/s in a semester. It is the ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.
(xiii) **Cumulative Grade Point Average (CGPA):** It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points earned by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

(xiv) **First Attempt:** If a student has completed all formalities and become eligible to attend the examinations and has attended at least one subject of passing, such attempt (first sitting) shall be considered as first attempt.

(xv) **Transcript or Grade Card or Certificate:** Based on the grades earned, a grade sheet/certificate shall be issued to all the registered students at the end of every academic year. The grade sheet/certificate will display the course details (code, title, number of credits, grade secured) along with SGPA of both semesters and CGPA earned till that academic year.

The CBCS provides choice for student to select from prescribed courses. Sequencing Plan for the MBA Degree Curriculum

Semester	Course Coverage
I & II	Core Courses
III & IV	Core Courses & Specialization

1. **Admission**

    1.1 Admission to MBA/ MBA (TM) first year in Ist semester will be made as per the guidelines prescribed by the AICTE / Academic Council of the Dr. A. P. J. Abdul Kalam Technical University (APJAKTU) Lucknow/ according to latest notification of Government of UP

2. **ELIGIBILITY FOR ADMISSION**

    2.1 Admission to MBA First Year through Entrance Examination:
    Candidates who have passed a minimum of 3 years of Bachelors degree or equivalent qualification with at-least 50 percent marks (relaxation for SC/ST candidates of 5%) from a recognized University.

    2.2 Direct Admission on Vacant seats at Institutions / College level:

    The eligibility criteria for direct admission is a minimum 3 year Bachelors degree or equivalent from a recognized University with at least 50% marks or as may be notified from time to time by AICTE/ University/ Government of UP.

    2.3 The Academic Council shall have power to amend or repeal the eligibility criteria laid down at clause 2.1 as per the guidelines of All India Council for Technical Education (A.I.C.T.E)**.**

    2.4 Every student admitted to the MBA / MBA (TM) program, shall apply on prescribed form through respective college/ institute to the Registrar of the University for enrollment with all necessary documents such as Migration Certificate (in original) / Transfer Certificate (In original) ,as the case may be, and self attested copies of all required academic certificates.

3. ATTENDANCE

3.1 Every student is required to attend all the lectures, tutorials, practical and other prescribed curriculum and co- curricular activities and a student is expected to attend 100 % classes including practical, seminars, special lectures etc. However, a minimum 75% attendance is required for appearing in the End Semester Examination.

3.2 Out of 100 %, attendance can be condoned upto 25% on medical grounds or for other genuine reasons beyond the control of students by the Principal / Director.

3.3 A further relaxation of attendance upto 15% for a student can be given by Head of Institution/ College provided that he/she has been absent with prior permission of the Head of Institution / College for the reasons acceptable to him.

3.4 No student will be allowed to appear in the end semester examination if he/ she does not complete 60 % attendance or satisfy the overall average attendance requirements of Clause no. 3.1 and 3.2 and such candidate(s) shall be treated as having failed and will be further governed by clause no 4.2 & 4.3.

3.5 The attendance shall be counted from the date of admission in the college or start of academic session whichever is later.

4. DURATION OF COURSES

4.1 Total duration of the MBA/ MBA(TM) Course shall be 2 years, each year comprising of two semesters. Each semester shall normally have academic for the 90 working days or as prescribed by A.I.C.T.E from time to time.

4.2 The student admitted to 1st year MBA shall complete the course within a period of four academic years from the date of first admission, failing which he/she has to discontinue the course.

4.3 A candidate, who has failed twice in first year due to any reason (either due to his/ her non- appearance or he/ she being not permitted to appear in semester examinations) shall not be allowed to continue his/ her studies further. Provided further that if a student wishes to continue third time in first year he/she may be allowed on the terms and conditions laid down by the University for such permission but the maximum time allowed for completing the course will remain the same as in clause 4.2.

4.4 A student who wishes to temporarily discontinue the program and continue the same subsequently, has to obtain prior permission from the Registrar of University by applying the director / head of the college or institute. Such student has to take admission to the same semester again from where he/ she discontinued. However, the student shall be required to complete the program as per 4.2.

5. CURRICULUM

5.1 The 2 year curriculum has been divided into 4 semesters and shall include lectures, tutorials, practical, seminars and projects etc, in addition to industrial training and educational tour etc. as defined in the scheme and executive instructions issued by the University from time to time.

5.2 The curriculum will also include such other curricular, co ó curricular and extracurricular activities as may be prescribed by the university from time to time.

6. CHANGE OF COLLEGE

Change of College is not permitted.
Change of study centre is not permitted.

7. EXAMINATION

7.1 The performance of a student in a semester shall be evaluated through continuous class assessment and end semester examination. The continuous assessment shall be focused on class tests, assignment/tutorials, quizzes/viva voce and attendance. The marks for continuous assessment (Sessional marks) shall be awarded at the end of the semester. The end semester examination shall be comprised of written papers, practical and viva voce, inspection of certified course work in classes, project work or by means of any combination of these methods.

7.2 The distribution of marks for sessional, end semester theory papers, practical and other examinations, seminars, projects, industrial training and general efficiency shall be as prescribed.

7.3 The marks obtained in a subject shall consist of marks allotted in end semester theory paper and sessional work.

8. ELIGIBILITY OF PASSING

8.1 A student who score A+ to E shall be considered as passed. If a student secured õFö grade, he/she has to reappear for the examination.

(a) For a pass in a Theory Subject a student has to secure minimum of 30% of the maximum marks prescribed in the University Examination and 40% of marks in the aggregate marks in the subject including sessional marks i.e. Minimum Passing Grade is õEö.

(b) For a Pass in a Project Reports / Viva voce examination / Comprehensive Viva Voce, a student shall secure a minimum of 50 % marks of the maximum marks prescribed by the University Examination in the relevant Practical/ Internship / Project/ Viva voce marks i.e. Minimum Passing Grade is õEö.

8.2 The student who do not satisfy the condition 8.1 or the student who remains absent shall be deemed to have failed in that subject and may reappear for the University examination in the subsequent examinations. However, the sessional marks awarded to the student at previous attempt in the concerned subject will be carried forward.

8.3 The student who passes a course of a semester as per 8.1 shall not be allowed to appear for the same again, unless he/ she opts for abandoning of result as per 8.4- 8.8.

8.4 A student may at his/her desire opt to abandon his/her performance of a semester in following manner.

(a) A student may opt to abandon his/her performance only in university examination of the semester.

(b) A student may opt to abandon his/her total performance of the semester which includes performance in university examination and sessional marks.

(c) A student may opt to abandon his/her performance in university examination of any or both semester of the same academic year only.

(d) A student shall be allowed to abandon the performance only once during the entire course of study.

(e) Performance of a semester once abandoned cannot be claimed again.

8.5 The student who opts to abandon the performance of a semester as per clause 8.4, shall abandon performance in all the courses of that semester irrespective of the fact whether the student passed or failed in any subject of that semester. However in case of 4th semester performance in project shall not be abandoned.

8.6 The student, who opts to abandon the total performance of the semester including sessional marks, has to take readmission for the relevant semester. Readmission to the first semester in such cases shall not be considered as fresh admission i.e. the student will continue to have the same University Roll Number, which was allotted earlier.

8.7 The student, who opted to abandon his / her performance only in the University examination of a semester and does not desire readmission, shall be permitted to re-appear for examination of all the subjects of the semester in the subsequent examination as an Ex Student. However the sessional marks obtained by the student in the abandoned semester shall be retained.

8.8 Such student who opted to abandon the performance in final year are eligible for the award of Class and Distinction at the MBA degree level, but are not eligible for the award of ranks.

8.9 A student shall be declared to have completed the program of MBA degree, provided the student has undergone the stipulated course work as per the regulations and has earned at least 108 credits.

9   ELIGIBILITY FOR PROMOTION

9.1 There shall not be any restriction for promotion from an odd semester to the next even semester.

9.2 For promotion from first year to II year (III semester) the student has to secure at least 50 % credits (27 credits) in the first year (combining I and II semester) including theory and practical credits.

9.3 The result of the semester shall be declared pass only on securing E or above grades in all subjects and minimum semester Grade Point Average (SGPA) is 5.

9.4 Student himself / herself may decide to abandon the performance of any one or both the semesters of same academic year as per the clause 8.4 and reappear in abandoned semester examination as per clause 8.5,8.6, 8.7 & 8.8

10 CARRY OVER SYSTEM

10.1

(a) A candidate who do not satisfy the requirements of clause 8.1(a) will be required to reappear in those theory paper/ practical during respective end semester exams in which he/she failed.

(b) A student shall be required to exercise his/ her choice of minimum theory papers in which he/ she desires to appear in the theory examination for improvement to fulfill the requirement of clause 9.3.

10.2 All carryover examinations shall be held only with end semester examination.

11 RE-ADMISSION IN THE INSTITUTION/COLLEGE

A candidate may be allowed for re- admission provided he/she satisfies one of the following conditions:

11.1 A candidate is declared fail.

11.2 A candidate did not appear in a semester examination/or he/she was not granted permission to appear in the examination.

11.3 A candidate has been detained by the institute and subsequently has been permitted to take re admission.

11.4 A candidate as an ex student passed the examination of the academic year or qualified for carry over system.

11.5 A candidate promoted with carry over subject and he/she opted for readmission.
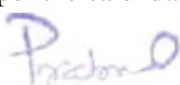
12. COURSES

12.1. There will be two type of courses.

(i) Core Courses: This is the course which is to be compulsorily studied by a students as a core requirement to complete the requirement of a program in a said discipline of study.

(ii) Elective Course: This is course which can be chosen from the pool of papers .It may be supportive to the discipline/domain /providing extended scope/enabling an exposure to some other discipline /domain/nurturing student proficiency.

12.2. The minimum number of students to be registered for an elective to be offered shall not be less than 20 % of the enrolled students.

12.3. The student may be permitted to opt for change of elective subject till 15 days before the date of commencement of the III semester, as per the calendar of the University.

13. COMPUTATION OF SGPA AND CGPA

13.1 The Dr. A.P.J. Abdul Kalam Technology University (APJKTU) Lucknow adopts absolute grading system wherein the marks are converted to grades and every semester result will be declared with Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA).The CGPA will be calculated every semester except the first semester. The grading system is with the following letter grades and grade points scale as given below:

Level	Outstanding	Excellent	Very Good	Good	Above Average	Average	Poor	Fail
Letter Grade	A+	A	B+	B	C	D	E	F
Grade Point	10	9	8	7	6	5	4	00
Score (Marks) Range (%)	×90	<90	<80 ≥70	<70 ×60	<60 ×50	<50 ×45	<45 ×40	<40

13.2 A students obtaining grade õFö shall be considered failed and will be required to reappear in the examination. Such students after passing the failed subject in subsequent examinations will be awarded with a grade E.

13.3 The University has right to scale/moderate the theory exam/practical exam/sessional marks of any subject whenever required for converting of marks in to letter grades on the basis of the result statistics of university as in usual practice.

(a) The modality for moderation of marks before the declaration of result shall be decided by a committee of Pro-Vice Chancellor, Dean UG, Assoc. Dean UG and Controller of Examination.

(b) The modality for moderation of marks if needed after the declaration of result shall be decided by a committee of Pro-Vice Chancellor, Dean UG, Assoc. Dean UG, Controller of Examination and an external member not below the rank of Professor nominated by the Vice Chancellor.

(c) If the candidate(s) appeared in the examination but theory marks are not available due to missing of copy by any reason, the average marks may be awarded as decided by the committee mentioned in 13.3(a). In case of missing/unavailable of sessional marks, Controller of Examination can take decision as per the provision laid down by the Examination Committee.

(d) The Committee defined in 13.3(a) shall also fix up the responsibility and recommend the punishment for occurrence of such case(s) in13.3(c).

(e) All the matters defined under 13.3(a) to 13.3(d) shall be executed subject to the approval of Academic Council of the APJAKTU.

13.4 Computation of SGPA and CGPA

The following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

(a) The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a students and the sum of the number of credits of all the course undergone by a student i.e
SGPA (Si) = Û(Ci x Gi)/ÛCi

Where Ci is the number of credits of the ith course and Gi is the grade point scored by the students in the ith course.

(b) The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semester of a program ,i.e.
CGPA= Û(Ci x Si)/ ÛCiz
where Si is the SGPA of the ith semester and Ci is the total number of credits in that semester.
(c) The SGPA and CGPA shall be rounded off to 2 decimal places and reported in the transcripts.

Illustration for Computation of SGPA and CGPA

Computation of SGPA Illustration No.1

Course	Credit	Letter Grade	Grade Point	Credit point (Credit x Grade)
Course 1	3	B+	8	3x8=24
Course 2	3	C	6	3x6=18
Course 3	4	B	7	4x7=28
Course 4	4	A+	10	4x10=40
Course 5	3	D	5	3x5=15
Course 6	4	C	6	4x6=24
Course 7	3	A	9	3x9=27
Course 8	3	C	6	3x6=18
Total	27			194

Thus, SGPA=194/27 = 7.18

Illustrative No.2

Course	Credit	Letter Grade	Grade Point	Credit point Credit x Grade
Course 1	3	B+	8	3x8=24
Course 2	3	C	6	3x6=18
Course 3	3	B	7	3x7=21
Course 4	3	A+	10	3x10=30
Course 5	3	F	0	3x0=00
Course 6	3	C	6	3x6=18

Course 7	4	A	9	4x9=36
Course 8	3	C	6	3x6=18
Course 9	2	D	5	2x5=10
Total	27			175

Thus, SGPA=175/27 = 6.48

Illustrative No.2 (a)

Course	Credit	Letter Grade	Point Grade	Credit point Credit x Grade
Course 5	3	E	4	3x4=12

Ci (First Attempt) 175+
Ci (subsequent attempt)
12=187

Thus, SGPA=187/27 = 6.92

Illustrative No.3

Course	Credit	Letter Grade	Grade Point	Credit point Credit x Grade
Course 1	3	B+	8	3x8=24
Course 2	3	C	6	3x6=18
Course 3	3	B	7	3x7=21
Course 4	3	A+	10	3x10=30
Course 5	3	A	9	3x9=27
Course 6	3	C	6	3x6=18
Course 7	3	A	9	3x9=27
Course 8	3	A	9	3x9=27
Course 9	3	D	5	3x5=15
Total	27			207

Thus, SGPA= 207/27= 7.66
CGPA=27 X 6.92 + 27 X 7.66/54 = 7.29

CGPA after Final semester

Sem-1	Sem-2	Sem-3	Sem-4
Credit: 27	Credit: 27	Credit: 27	Credit: 27
SGPA:7.18	SGPA:6.92	SGPA:7.66	SGPA:6.86

Thus, CGPA=27X 7.18+27X 6.92+27X 7.66+27X 6.86/108 = 7.15

13.4 Transcript (format): Based on the above recommendations on letter grades, grade points SGPA and CCPA, the transcript for each semester and consolidated transcript indicating the performance in all semesters may be issued

14. CONVERSION OF GRADES INTO PERCENTAGE

Conversion formula for the conversion of GPA into Percentage is CGPA Earned x 10= Percentage of marks scored.

Illustration: CGPA earned 7.15 x 10 = 71.5 %

15. AWARD OF DIVISION, RANKS AND MEDALS

Division shall be awarded only after the final semester examination based on integrated performance of the candidate for all the four semesters as per following details.

(a) A candidate who qualifies for the award of the degree securing E or above grades in all subjects pertaining to all semesters in his/her first attempt within four consecutive semesters (two academic years), and in addition secures a CGPA of 7.5 and above for the semesters I to IV shall be declared to have passed the examination in FIRST DIVISION WITH HONOURS.

(b) A candidate who qualifies for the award of the degree by securing E or above grades in all subjects of all the semesters within a maximum period of four semesters, after his/her commencement of study in the 1st semester and in addition secures CGPA not less than 6.5 shall be declared to have passed the examination in FIRST DIVISION.

(c) All other candidates who qualify for the award of degree by securing E or above grades in all subjects of all semesters within a maximum period of four semesters, after his/her commencement of study in the 1st semester and in addition secures CGPA not less than 5.0 shall be declared to have passed the examination in SECOND DIVISION.

(d) If two students get the same *CGPA*, the tie should be resolved by considering the number of times a student has obtained higher *SGPA;* but, if it is not resolved even at this stage, the number of times a student has obtained higher grades like A^+, A, B^+, B etc shall be taken into account in rank ordering of the students in a program.

15.2 The Gold, Silver and any other Medals as decided by the university shall be awarded to students falls in the top ranks of various courses as per university rules.

16. SCRUTINY AND REVALUATION

16.1 Scrutiny shall be allowed in only theory papers.

16.2 Revaluation of theory/practical papers is permitted only with certain conditions as laid down by university**.**

17. UNFAIR MEANS

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Cases of unfair means shall be dealt as per the rules of the University and the U.P. Public Examination (Prevention of Unfair means) Act if any in prevalence.

18. AWARD OF SESSIONAL MARKS

Sessional marks for theory subjects, shall be awarded as will be prescribed and at present the break-up of sessional marks shall be as follows:

(a) Theory Subjects:
(i) Class test which will comprise 20 % of total theory marks with two mid-term tests of equal weightage.
(ii) Teacher Assessment Tutorial/Assignment/ Quizzes/ Attendance comprises 10% of total theory marks.
(b) Make-up test may be held only for those students who could not appear in any one of mid-term class test due to genuine reasons for which the prior permission from the Head of Institution/College was taken. Make up test shall ordinarily be held about two weeks before the semester examination. The syllabus for the make-up test shall be the whole syllabus covered by the subject teacher upto that time.

19. AWARD OF SUMMER TRAINING PROJECT REPORT

Each student has to successfully complete a following project for the award of MBA degree.

19.1 Summer Training Project Report
1. At the end of second semester examination, it is mandatory for every student of MBA to undergo on-the-job practical training in any manufacturing, service or financial organization. The training will be of 6 to 8 weeks duration. The college/institute will facilitate this compulsory training for students.
2. The student, after the completion of training will submit a report to the College/Institute which will form part of third semester examination. However, the report must be submitted by the end of September 30.

20. AWARD OF RESEARCH PROJECT REPORT

In fourth semester, the candidates will have to submit a Research Project Report on a problem /topic (from the specialization areas) to be assigned by the department MBA under the supervision of a core faculty member of the department.

Both Project: Summer Training Report & Research Project Report shall be treated as project work and remuneration shall be paid as notified by university from time to time in respect of project evaluation.

21. CANCELLATION OF ADMISSION

The admission of a student at any stage of study shall be cancelled if:

(i)   He /She is not found qualified as per AICTE/State Government norms and guidelines or the eligibility criteria prescribed by the University. Or

(ii)   He / She is found unable to complete the course within the stipulated time as prescribed in clause 4.2 or

(iii)   He / She is found involved in creating indiscipline in the Institution /College or in the University.

22. The Academic Council shall have the power to relax any provision provided in the ordinance in any specific matter /situation subject to the approval of Executive Council of the University & such decision(s) shall be reported to the Chancellor of the University.

Director
IMS Engineering College
Ghaziabad