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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

(Government Gazette Act No. 30 of 2008)  
Kukatpally, Hyderabad – 500 085, Telangana (India)

**BN Bhandari**

Ph. D (IIT, Kgp.)

**Professor of Elect. & Commn. Engg., &  
Director,  
Academic & Planning**

Date : 29.07.2016

To

The Principals of Constituent and Affiliated Colleges (Non-Autonomous) of JNTUH,  
Hyderabad.

Sir,

Sub: JNT University Hyderabad – Academic & Planning – I year Course Structure of  
B.Tech. /B.Pharm Courses for the Academic Year 2016-17.

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You are aware that JNTU, Hyderabad is implementing Choice Based Credit System (CBCS) for B.Tech./B.Pharm courses from the academic year 2016-17, as per the guidelines of UGC.

In this connection, it is to inform you that CBCS is a semester system including I year. B.Tech. / B.Pharm Courses. The I year Course Structure for the Academic Year 2016-17 is enclosed. The Academic Regulations and Syllabi will be placed in the website shortly.

Yours faithfully,

  
DIRECTOR

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B.TECH COURSE STRUCTURE (2016-17)**  
(Common for EEE, ECE, CSE, EIE, BME, IT, ETE, ECM, ICE)

**I YEAR I SEMESTER**

S. No	Course Code	Course Title	L	T	P	Credits
1	MA101BS	Mathematics-I	3	1	0	3
2	CH102BS	Engineering Chemistry	4	0	0	4
3	PH103BS	Engineering Physics-I	3	0	0	3
4	PCE104HS	Professional Communication in English	3	0	0	3
5	ME105ES	Engineering Mechanics	3	0	0	3
6	EE106ES	Basic Electrical and Electronics Engineering	4	0	0	4
7	PCE107HS	English Language Communication Skills Lab	0	0	3	2
8	ME108ES	Engineering Workshop	0	0	3	2
9	*EA109MC	NSS	0	0	0	0
		<b>Total Credits</b>	<b>20</b>	<b>1</b>	<b>6</b>	<b>24</b>

**I YEAR II SEMESTER**

S. No	Course Code	Course Title	L	T	P	Credits
1	PH201BS	Engineering Physics-II	3	0	0	3
2	MA202BS	Mathematics-II	4	1	0	4
3	MA203BS	Mathematics-III	4	1	0	4
4	CS204ES	Computer Programming in C	3	0	0	3
5	ME205ES	Engineering Graphics	2	0	4	4
6	CH206BS	Engineering Chemistry Lab	0	0	3	2
7	PH207BS	Engineering Physics Lab	0	0	3	2
8	CS208ES	Computer Programming in C Lab	0	0	3	2
9	*EA209MC	NCC/NSO	0	0	0	0
		<b>Total Credits</b>	<b>16</b>	<b>2</b>	<b>13</b>	<b>24</b>

\*MC – Mandatory Course.

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

## B.TECH. COURSE STRUCTURE (2016-17)

(Common for Civil, ME, AE, ME (M), MME, AU, Mining, Petroleum, CEE, ME(Nanotech))

### I YEAR I SEMESTER

S. No	Course Code	Course Title	L	T	P	Credits
1	MA101BS	Mathematics-I	3	1	0	3
2	MA102BS	Mathematics-II	4	1	0	4
3	PH103BS	Engineering Physics	3	0	0	3
4	CS104 ES	Computer Programming in C	3	0	0	3
5	ME105 ES	Engineering Mechanics	3	0	0	3
6	ME106 ES	Engineering Graphics	2	0	4	4
7	PH107 BS	Engineering Physics Lab	0	0	3	2
8	CS108 ES	Computer Programming in C Lab	0	0	3	2
9	*EA109MC	NSS	0	0	0	0
		<b>Total Credits</b>	<b>18</b>	<b>2</b>	<b>10</b>	<b>24</b>

### I YEAR II SEMESTER

S. No	Course Code	Course Title	L	T	P	Credits
1	PH201BS	Applied Physics	3	0	0	3
2	CH202BS	Engineering Chemistry	4	0	0	4
3	MA203BS	Mathematics-III	4	1	0	4
4	PCE204HS	Professional Communication in English	3	0	0	3
5	EE205ES	Basic Electrical & Electronics Engineering	4	0	0	4
6	CH206BS	Engineering Chemistry Lab	0	0	3	2
7	PCE207HS	English Language Communication Skills Lab	0	0	3	2
8	ME208ES	Engineering Workshop	0	0	3	2
9	*EA209MC	NCC/NSO	0	0	0	0
		<b>Total Credits</b>	<b>18</b>	<b>1</b>	<b>9</b>	<b>24</b>

\*MC – Mandatory Course.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B. PHARMACY COURSE STRUCTURE (2016-17)**

**I YEAR I SEMESTER**

S. No	Course Code	Subject	L	T	P	Credits
1	BS101/ BS102	Remedial Mathematics / Remedial Biology - I	4/ 2	1/ 1	0	4/ 2
2	PS103	Dispensing and General Pharmacy	4	1	0	4
3	PS104	Anatomy, Physiology and Health Education-I	3	1	0	3
4	BS105	Pharmaceutical Organic Chemistry – I	4	1	0	4
5	HS106	Professional Communication in English	3	0	0	3
6	PS107	Dispensing and General Pharmacy Lab	0	0	3	2
7	PS108	Anatomy, Physiology and Health Education – I Lab	0	0	3	2
8	PS109	Pharmaceutical Organic Chemistry – I Lab	0	0	3	2
9	BS110	Remedial Biology - I Lab	0	0	3	2
10	*MC111	NSS	0	0	0	0
		<b>Total Credits</b>	<b>18/16</b>	<b>4/4</b>	<b>12</b>	<b>24/24</b>

**I YEAR II SEMESTER**

S. No	Course Code	Subject	L	T	P	Credits
1	BS201	Pharmaceutical Inorganic Chemistry	3	1	0	3
2	BS202	Pharmaceutical Organic Chemistry – II	4	1	0	4
3	PS203	Physical Pharmacy - I	4	1	0	4
4	BS204	Statistical Methods and Computer applications	3	1	0	3
5	PS205	Anatomy, Physiology and Health Education -II	4	1	0	4
6	BS206	Pharmaceutical Inorganic Chemistry Lab	0	0	3	2
7	BS207	Statistical Methods and Computer applications Lab	0	0	3	2
8	PS208	Physical Pharmacy – I Lab	0	0	3	2
9	*MC 209	Physical Education	0	0	0	0
		<b>Total Credits</b>	<b>18</b>	<b>5</b>	<b>9</b>	<b>24</b>

**Note: Bi.P.C Students to choose Remedial Mathematics (Theory) [4-1-0-4].**

**M.P.C Students to choose Remedial Biology (Theory & Lab) [2-1-0-2 & 0-0-3-2]**

**\*MC – Mandatory Course**