



BHARAT INSTITUTE OF TECHNOLOGY

(Approved by AICTE & PCI, New Delhi and Affiliated to JNTU, Hyderabad)
Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510.
Ph : 08414-252265, Fax : 08414-252645, E-mail : bitpharm@yahoo.com

Date: 20-01-2021

Ref.: Ref:-BIT/MN/Jan/2021

MINUTES OF MEETING

The Meeting of Board of Governors of BHARAT INSTITUTE OF TECHNOLOGY Mangalpally (V), Ibrahimpatnam (M), R.R.Dist-501510 assembled at Mangalpally (V) campus on 20th January 2021 at 3:00 pm to discuss and take a decision on the following:-

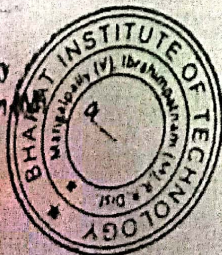
1. Starting of the two Post Graduate Courses(M.Pharmacy-Pharmaceutical Chemistry & M.Pharmacy-Pharmaceutical Analysis) during the up-coming Academic Year 2021-2022 in the Bharat Institute of Technology.
2. Increase in intake to the three Post Graduate Courses i.e. Pharmaceutics, Pharmacy Practice, Pharmacology.
3. Changing the name of the Institution from " Bharat Institute of Technology" at Mangalpally(V),Ibrahimpatnam(M), R.R Dist,Telangana-501510 to "Bharat Institute of Pharmacy" at Mangalpally(V),Ibrahimpatnam(M), R.R Dist,Telangana-501510.

The following were present:-

Sl. No	Name	Designation	Signature
01	Sri. Ch. Venugopal Reddy	Secretary & Correspondent of Bharat Institute of Technology	
02	Dr. G.K. Viswanath	Representative from JNTUH, Hyderabad	
03	Mrs R. Purnima	Head Portfolio, Welding Pharma India	
04	Dr. Marina G.D'Souza	Associate Professor	
05	Dr. CH S Vijaya Vani	Associate Professor	
06	Dr. Mrinmay Das	Associate Professor	
07	Dr. Arifa Begum SK	Associate Professor	

It was unanimously accepted and the proposal was passed and decided to process the same. As there were no other points, the meeting was concluded.

PRINCIPAL
Bharat Institute of Technology
Mangalpally (V), Ibrahimpatnam
R.R. Dist. Pin: 501510



SECRETARY & CORRESPONDENT
Ch. Venugopal Reddy
Secretary & Correspondent

Scanned with CamScanner
R.R. Dist - 501510
Mangalpally (V) Ibrahimpatnam (M)

BHARAT INSTITUTE OF TECHNOLOGY

(Approved by AICTE & PCI, New Delhi and Affiliated to JNTU, Hyderabad)
Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510.
Ph : 08414-252265, Fax : 08414-252645, E-mail : bitpharm@yahoo.com

Ref.:

Date: 20-01-2021

Minutes for the Executive Committee Meeting

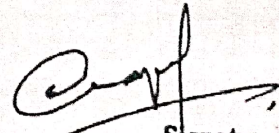
In the meeting of the Executive committee members held on 20th January 2021 at the Chamber of the Chairman, unanimously passed resolution and placed it to the Governing Body for the ratification of the minutes. The minutes are as follows,

1. Starting of the two (2) nos. Post Graduate Courses (i) M. Pharmacy- Pharmaceutical Chemistry - 15 intakes (ii) M. Pharmacy- Pharmaceutical Analysis - 15 intakes during the up-coming Academic Year 2021-2022 in the Bharat Institute of Technology has been adopted and approved.

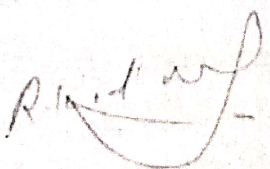
2. Increase Intakes to the three (3) nos. Post Graduate Courses (i) M. Pharmacy- Pharmaceutics from 12 to 15 (ii) M. Pharmacy- Pharmacy Practice from 06 to 15 (iii) M. Pharmacy- Pharmacology from 06 to 15 during the up-coming Academic Year 2021-2022 in the Bharat Institute of Technology has been adopted and approved.

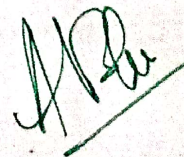
3. Changing the name of the Institution from "Bharat Institute of Technology" to "Bharat Institute of Pharmacy" with address Mangalpally (Vill), Ibrahimpatnam (M), Ranga Reddy (Dist.), Telangana-501510 has been adopted and approved.

Whereas, the members are also decided to allocate required funds for the creation of the requisite facilities such as, additional Carpet area, Built-up area, recruitment of required faculty, procurement of the equipment, furniture and other required entities as applicable for the smooth functioning of the same.


Signature
Chairman/Secretary

Ch. Venugopal Reddy
Secretary & Correspondent





Scanned with CamScanner

PRINCIPAL

Bharat Institute of Technology



Scanned with OKEN Scanner

I Year I semester

S. No	Course Code	Subject	L	T	P	Credits
1	PS101	Human Anatomy and Physiology I	3	1	-	4
2	PS102	Pharmaceutical Analysis I	3	1	-	4
3	PS103	Pharmaceutics	3	1	-	4
4	PS104	Pharmaceutical Inorganic Chemistry	3	1	-	4
5	HS105	Communication skills	2	-	-	2
6	BS106/BS107	Remedial Biology [#] / Remedial Mathematics [§]	2 [#] /3 [§]	-	-	2 [#] /3 [§]
7	PS108	Human Anatomy and Physiology-I lab	-	-	4	2
8	PS109	Pharmaceutical Analysis I lab	-	-	4	2
9	PS110	Pharmaceutics lab	-	-	4	2
10	PS111	Pharmaceutical Inorganic Chemistry lab	-	-	4	2
11	HS112	Communication skills lab	-	-	2	1
12	BS113	Remedial Biology lab	-	-	2	1
Total			16/17	4	20	30[#]/30

[#]Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB) course.

[§]Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM) course.

I Year II semester

S. No	Course Code	Subject	L	T	P	Credits
1	PS201	Human Anatomy and Physiology II	3	1	-	4
2	PS202	Pharmaceutical Organic Chemistry-I	3	1	-	4
3	BS203	Biochemistry	3	1	-	4
4	BS204	Pathophysiology	3	1	-	4
5	CS205	Computer Applications in Pharmacy	3	-	-	3
6	PS206	Human Anatomy and Physiology II lab	-	-	4	2
7	PS207	Pharmaceutical Organic Chemistry-I Lab	-	-	4	2
8	BS208	Biochemistry lab	-	-	4	2
9	CS209	Computer Applications in Pharmacy lab	-	-	2	1
10	*MC200	NSS	-	-	-	-
Total			15	4	14	26

II YEAR I SEMESTER

S. No	Course Code	Course Title	L	T	P	Credits
1	PS301	Pharmaceutical Organic Chemistry-II	3	1	0	4
2	PS302	Physical Pharmaceutics-I	3	1	0	4
3	BS303	Pharmaceutical Microbiology	3	1	0	4
4	PC304	Pharmaceutical Engineering	3	1	0	4
5	PS305	Pharmaceutical Organic Chemistry-II Lab	0	0	4	2
6	PS306	Physical Pharmaceutics-I Lab	0	0	4	2
7	BS307	Pharmaceutical Microbiology Lab	0	0	4	2
8	PC308	Pharmaceutical Engineering Lab	0	0	4	2
10	*MC300	NSO	0	0	0	0
Total Credits			12	04	16	24


PRINCIPAL
 Bharat Institute of Technology
 Mangalpally (V), Ibrahimpatnam
 R.R. Dist - 501 510, Telangana

II YEAR II SEMESTER

S. No	Course Code	Course Title	L	T	P	Credits
1	PS401	Pharmaceutical Organic Chemistry-III	3	1	0	4
2	PC402	Physical Pharmaceutics-II	3	1	0	4
3	PS403	Pharmacology-I	3	1	0	4
4	PC404	Pharmacognosy and Phytochemistry-I	3	1	0	4
5	PS405	Pharmaceutical Jurisprudence	3	1	0	4
6	PC406	Physical Pharmaceutics-II Lab	0	0	4	2
7	PS407	Pharmacology-I Lab	0	0	4	2
8	PC408	Pharmacognosy and Phytochemistry-I Lab	0	0	4	2
9	*MC400	Gender Sensitization Lab	1	0	0	0
Total Credits			16	05	12	26

III Year I Semester

S. No.	Course Code	Course Title	L	T	P	Credits
1	PS501	Medicinal Chemistry I	3	1	0	4
2	PS502	Industrial Pharmacy - I	3	1	0	4
3	PS503	Pharmacology II	3	1	0	4
4	PS504	Pharmacognosy and Phytochemistry - II	3	1	0	4
5		Open Elective - I	3	1	0	4
	PS505	I. Generic Product Development				
	PS506	II. Green Chemistry				
	PS507	III. Cell and Molecular Biology				
	PS508	IV. Cosmetic science				
6	PC509	Medicinal Chemistry I Lab	0	0	4	2
7	PS510	Industrial Pharmacy - I lab	0	0	4	2
8	PS511	Pharmacology - II lab	0	0	4	2
9	PS512	Pharmacognosy and Phytochemistry - II lab	0	0	4	2
10	*MC500	Environmental sciences	1	0	0	0
Total			16	05	16	28

III Year II Semester

S. No.	Course Code	Course Title	L	T	P	Credits
1	PS601	Medicinal Chemistry - II	3	1	0	4
2	PS602	Pharmacology - III	3	1	0	4
3	PS603	Herbal Drug Technology	3	1	0	4
4	PS604	Biopharmaceutics and Pharmacokinetics	3	1	0	4
5		Open Elective - II	3	1	0	4
	PS605	I. Pharmaceutical Quality Assurance				
	PS606	II. Pharmaceutical Biotechnology				
	PS607	III. Bioinformatics				
	PS608	IV. Screening Methods in Pharmacology				
6	PS609	Medicinal chemistry - II lab	0	0	4	2
7	PS610	Pharmacology - III lab	0	0	4	2
8	PS611	Herbal Drug Technology lab	0	0	4	2
9	PS612	Biopharmaceutics and Pharmacokinetics Lab	0	0	4	2
10	*MC600	Human Values and Professional Ethics	1	0	0	0
Total			16	05	16	28

IV Year I Semester

S.No	Course Code	Course Title	L	T	P	Credits
1	PS701	Instrumental Methods of Analysis	3	1	0	4
2	PS702	Industrial Pharmacy-II	3	1	0	4
3	PS703	Pharmacy Practice	3	1	0	4
4	PS704	Medicinal Chemistry - III	3	1	0	4
5		Open Elective - III	3	1	0	4
	PS705	i. Pharmaceutical Marketing				



PRINCIPAL
 Bharat Institute of Technology
 Mangalpally (V), Ibrahimpatnam
 N. D. Dist - 501 510, Telangana

	PH206	a	Pharmaceutical Regulatory Science				
	PH207	b	Pharmacokinetics				
	PH208	c	Quality Control and Standardization of Drugs				
	PH209		Advanced Methods of Analytical Lab	1	1	1	1
	PH210		Practice School				
	PH211		Industrial Training				
			Total	12	8	12	28

B. Sc. Year 3 Semester

S. No.	Course Code	Course Title	L	T	P	Credits
	PH301	Biostatistics and Research Methodology	1		1	1
	PH302	Social and Preventive Pharmacy	1		1	1
	PH303	Novel Drug Delivery System	1		1	1
		Open Elective - B	1	1	1	3
	PH304	1. Computer aided Drug Design				
	PH305	2. Nano Technology				
	PH306	3. Experimental Pharmacology				
	PH307	4. Advanced Instrumentation Techniques				
	PH308	Novel Drug Delivery System Lab	1	1	1	1
		Project Work	1	1	1	1
		Total	12	8	14	25

PH3 - Mandatory Course - Satisfactory Qualification


PRINCIPAL
 Gujarat Institute of Technology
 Gandhinagar (A), Gandhinagar Dist.
 G. S. Road - 381 012, Gandhinagar

	PS706 PS707 PS708	ii. Pharmaceutical Regulatory Science iii. Pharmacovigilance iv. Quality Control and Standardization of Herbals				
6	PS709	Instrumental Methods of Analysis Lab	0	0	4	2
7	PS710	Practice School	0	0	4	2
8	PS711	Industrial Training	0	0	4	2
		Total	15	5	12	26

IV Year II Semester

S.No	Course Code	Course Title	L	T	P	Credits
1	PS801	Biostatistics and Research Methodology	3	1	0	4
2	PS802	Social and Preventive Pharmacy	3	1	0	4
3	PS803	Novel Drug Delivery System	3	1	0	4
4		Open Elective - IV	3	1	0	4
	PS804	i. Computer Aided Drug Design				
	PS805	ii. Nano Technology				
	PS806	iii. Experimental Pharmacology				
	PS807	iv. Advanced Instrumentation Techniques				
5	PS808	Novel Drug Delivery System Lab	0	0	4	2
6		Project Work	0	0	6	3
		Total	12	4	10	21

*MC - Mandatory Course - Satisfactory/ Unsatisfactory.


PRINCIPAL
 Bharat Institute of Technology
 Mangalpally (V), Ibrahimpetnam (M),
 R.R. Dist - 501 510. Telangana.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.PHARMACY (PHARMACEUTICS / PHARMACEUTICAL TECHNOLOGY)

R22 COURSE STRUCTURE AND SYLLABUS
Effective from Academic Year 2022-23 Admitted Batch

I YEAR I Semester

Course Code	Course Title	L	T	P	Credits
Professional Core-I	Modern Pharmaceutics-I	3	1	0	4
Professional Core-II	Applied Biopharmaceutics and Pharmacokinetics	3	1	0	4
Professional Elective-I	1. Advanced Physical Pharmaceutics 2. Drug Regulatory affairs 3. Total Quality Management	3	1	0	4
Professional Elective-II	1. Cosmetics and Cosmeceuticals 2. Pharmaceutical Validation 3. Stability of Drugs and Dosage Forms	3	1	0	4
	Research methodology and IPR	2	0	0	2
Laboratory- I	Modern Pharmaceutics – I Lab	0	0	6	3
Laboratory- II	Applied Biopharmaceutics and Pharmacokinetics Lab	0	0	6	3
Audit - I	Audit Course- I	2	0	0	0
	Seminar & Assignment	0	0	4	2
	TOTAL	16	4	16	26

I YEAR II Semester

Course Code	Course Title	L	T	P	Credits
Professional Core-III	Modern Pharmaceutics - II	3	1	0	4
Professional Core-IV	Advanced Drug Delivery Systems	3	1	0	4
Professional Elective-III	1. Industrial Pharmacy 2. Herbal Cosmetics 3. Pharmaceutical Management	3	1	0	4
Professional Elective-IV	1. Nano based Drug Delivery Systems 2. Nutraceuticals 3. Clinical Research and Pharmacovigilance	3	1	0	4
Laboratory- III	Modern Pharmaceutics – II Lab	0	0	6	3
Laboratory- IV	Advanced Drug Delivery System Lab	0	0	6	3
	Mini Project	2	0	0	2
Audit - II	Audit Course-II	2	0	0	0
	Seminar & Assignment	0	0	4	2
	TOTAL	16	4	16	26

II YEAR I Semester

Course Code	Course Title	L	T	P	Credits
Professional Elective-V	1. Biostatistics 2. Scale up and Technology Transfer 3. Production area, Design and Packaging Development	3	1	0	4
Open Elective	Open Elective	3	1	0	4
	Comprehensive Viva voce	0	0	8	4
	Dissertation Work Review – II	0	0	24	12
	TOTAL	6	2	32	24

JAWAHARLALNEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M. PHARMACY (PHARMACOLOGY)

R22 COURSE STRUCTURE AND SYLLABUS

Effective from Academic Year 2022 – 23 Admitted Batch

I YEAR I Semester

Course Code	Course Title	L	T	P	Credits
Professional Core-I	Advanced Pharmacology-I	3	1	0	4
Professional Core-II	Clinical Pharmacology and Pharmacotherapeutics	3	1	0	4
Professional Elective-I	1. Pharmacokinetics and Drug Metabolism 2. Clinical Research and Pharmacovigilance 3. Principles of Drug Discovery	3	1	0	4
Professional Elective-II	1. Animal Cell Cultures and Applications 2. Molecular Biology 3. Principles of Toxicology	3	1	0	4
	Research Methodology and IPR	2	0	0	2
Laboratory-I	Advanced Pharmacology –I Lab	0	0	6	3
Laboratory-II	Clinical Pharmacology and Pharmacotherapeutics Lab	0	0	6	3
Audit-I	Audit Course-I	2	0	0	0
	Seminar & Assignment	0	0	4	2
	TOTAL	16	4	16	26

I YEAR II Semester

Course Code	Course Title	L	T	P	Credits
Professional Core-III	Advanced Pharmacology - II	3	1	0	4
Professional Core-IV	Pharmacological Screening Methods and Toxicology	3	1	0	4
Professional Elective-III	1. Quality Use of Medicines 2. Pharmacoepidemiology and Pharmacoeconomics 3. Advanced Drug Delivery Systems	3	1	0	4
Professional Elective-IV	1. Pharmaceutical Management 2. Nutraceuticals 3. Pharmacokinetic and Therapeutic Drug Monitoring	3	1	0	4
Laboratory-III	Advanced Pharmacology-II Lab	0	0	6	3
Laboratory-IV	Pharmacological Screening Methods and Toxicology lab	0	0	6	3
	Mini project	2	0	0	2
Audit-II	Audit Course- II	2	0	0	0
	Seminar & Assignment	0	0	4	2
	TOTAL	16	4	16	26

II YEAR I Semester

Course Code	Course Title	L	T	P	Credits
Professional Elective-V	1. Biostatistics 2. Hospital and Community Pharmacy 3. Medicinal Plant Biotechnology	3	1	0	4
Open Elective	Open Elective	3	1	0	4
	Comprehensive Viva Voce	0	0	8	4
	Dissertation Work Review-II	0	0	24	12
	TOTAL	6	2	32	24

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.PHARMACY (PHARMACY PRACTICE)
R22 COURSE STRUCTURE AND SYLLABUS
 Effective from Academic Year 2022-23 Admitted Batch

I YEAR I Semester

Course Code	Course Title	L	T	P	Credits
Professional Core-I	Pharmacotherapeutics – I	3	1	0	4
Professional Core-II	Clinical Pharmacy Practice	3	1	0	4
Professional Elective-I	1. Clinical Toxicology 2. Hospital and Community Pharmacy 3. Clinical Research and Pharmacovigilance	3	1	0	4
Professional Elective-II	1. Molecular Biology 2. Advances in Preclinical Evaluation 3. Drug Regulatory Affairs	3	1	0	4
	Research methodology and IPR	2	0	0	2
Laboratory-I	Pharmacotherapeutics – I Lab	0	0	6	3
Laboratory-II	Clinical Pharmacy Practice Lab	0	0	6	3
Audit - I	Audit Course - I	2	0	0	0
	Seminar & Assignment	0	0	4	2
	Total	16	4	16	26

I YEAR II Semester

Course Code	Course Title	L	T	P	Credits
Professional Core-III	Pharmacotherapeutics – II	3	1	0	4
Professional Core-IV	Clinical Pharmacokinetics and Drug monitoring	3	1	0	4
Professional Elective-III	1. Biopharmaceutics and Pharmacokinetics 2. Clinical Research 3. Quality use of Medicines	3	1	0	4
Professional Elective-IV	1. Principles of Drug Discovery 2. Cellular and Molecular Pharmacology 3. Nutraceuticals	3	1	0	4
Laboratory- III	Pharmacotherapeutics – II Lab	0	0	6	3
Laboratory- IV	Clinical Pharmacokinetics and Drug Monitoring Lab	0	0	6	3
	Mini Project	2	0	0	2
Audit - II	Audit Course- II	2	0	0	0
	Seminar & Assignment	0	0	4	2
	Total	16	4	16	26

II YEAR I Semester

Course Code	Course Title	L	T	P	Credits
Professional Elective-V	1. Biostatistics 2. Pharmacoepidemiology and Pharmacoconomics 3. Phytopharmaceuticals	3	1	0	4
Open Elective	Open Elective	3	1	0	4
	Comprehensive Viva voce	0	0	8	4
	Dissertation Work Review - II	0	0	24	12
	Total	6	2	32	24

PRINCIPAL
 Bharat Institute of Technology
 Mangalpally (V), Ibrahimpetnam (M)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.PHARMACY (PHARMACEUTICAL ANALYSIS)
R22 COURSE STRUCTURE AND SYLLABUS
 Effective from Academic Year 2022-23 Admitted Batch

I YEAR I Semester

Course Code	Course Title	L	T	P	Credits
Professional Core-I	Modern Pharmaceutical Analytical Techniques	3	1	0	4
Professional Core-II	Pharmaceutical Food Analysis	3	1	0	4
Professional Elective-I	1. Advanced Pharmaceutical Analysis	3	1	0	4
	2. Drug Regulatory Affairs				
	3. Phytochemistry				
Professional Elective-II	1. Pharmaceutical Validation	3	1	0	4
	2. Cosmetics and Cosmeceuticals				
	3. Stability of Drugs and Dosage forms				
	Research Methodology & IPR	2	0	0	2
Laboratory-I	Modern Pharmaceutical Analytical Techniques lab	0	0	6	3
Laboratory-II	Pharmaceutical food Analysis Lab	0	0	6	3
Audit - II	Audit course- I	2	0	0	0
	Seminar & Assignment	0	0	4	2
	TOTAL	16	4	16	26

I YEAR II Semester

Course Code	Course Title	L	T	P	Credits
Professional Core-III	Advanced Instrumental Analysis - I	3	1	0	4
Professional Core-IV	Pharmaceutical Quality Control & Quality Assurance	3	1	0	4
Professional Elective-III	1. Modern Bio-analytical Techniques	3	1	0	4
	2. Herbal Cosmetics				
	3. Pharmacoepidemiology & Pharmacoeconomics				
Professional Elective-IV	1. Advanced Instrumental Analysis - II	3	1	0	4
	2. Nutraceuticals				
	3. Clinical Research and Pharmacovigilance				
Laboratory- III	Advanced Instrumental Analysis I Lab	0	0	6	3
Laboratory- IV	Pharmaceutical Quality Control & Quality Assurance Lab	0	0	6	3
	Mini project	2	0	0	2
Audit - II	Audit Course - II	2	0	0	0
	Seminar & Assignment	0	0	4	2
	Total	16	4	16	26

II YEAR I Semester

Course Code	Course Title	L	T	P	Credits
Professional Elective-V	1. Biostatistics	3	1	0	4
	2. Scale up and Technology Transfer				
	3. Production Area Design and Packaging Development				
Open Elective	Open Elective	3	1	0	4
Dissertation	Comprehensive Viva Voce	0	0	8	4
	Dissertation Work Review - II	0	0	24	12
	Total	6	2	32	24

ALL COURSE STRUCTURE AND SYLLABUS
Effective from Academic Year 2022 - 23 Admitted Batch

I YEAR I Semester					
Course Code	Course Title	L	T	P	Credits
Professional Core-I	Advanced Organic Chemistry-I	3	1	0	4
Professional Core-II	Advanced Medicinal Chemistry-I	3	1	0	4
Professional Elective-I	1. Chemistry of Natural Products	3	1	0	4
	2. Modern Pharmaceutical Analytical Techniques				
	3. Drug Regulatory Affairs				
Professional Elective-II	1. Drug Discovery & Design	3	1	0	4
	2. Pharmaceutical Food Analysis				
	3. Spectral Analysis				
Laboratory-I	Research methodology and IPR	2	0	0	2
Laboratory-II	Advanced Organic Chemistry – I Lab	0	0	6	3
Audit - I	Advanced Medicinal Chemistry – I Lab	0	0	6	3
	Audit Course – I	2	0	0	0
	Seminar & Assignment	0	0	4	2
	TOTAL	16	4	16	26

I YEAR II Semester

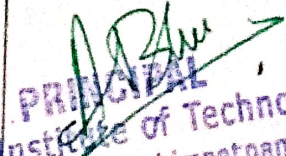
Course Code	Course Title	L	T	P	Credits
Professional Core-III	Advanced Organic Chemistry –II	3	1	0	4
Professional Core-IV	Advanced Medicinal Chemistry - II	3	1	0	4
Professional Elective-III	1. Pharmaceutical Process Chemistry	3	1	0	4
	2. Quality Control and Quality Assurance				
	3. Clinical Research and Pharmacovigilance				
Professional Elective-IV	1. Screening Methods in Pharmacology	3	1	0	4
	2. Advanced Instrumental Analysis				
	3. Herbal Drug Technology				
Laboratory-III	Advanced Organic Chemistry - II Lab	0	0	6	3
Laboratory-IV	Advanced Medicinal Chemistry - II Lab	0	0	6	3
	Mini project	2	0	0	2
Audit - II	Audit Course - II	2	0	0	0
	Seminar & Assignment	0	0	4	2
	TOTAL	16	4	16	26

II YEAR I Semester

Course Code	Course Title	L	T	P	Credits
Professional Elective-V	1. Biostatistics	3	1	0	4
	2. Pharmaceutical Production and Packaging Technology				
	3. Scale-up and Technology Transfer				
Open Elective	Open Elective	3	1	0	4
	Comprehensive Viva Voce	0	0	8	4
	Dissertation Work Review - II	0	0	24	12
	Total Credits	6	2	32	24

R22 M. PHARMACY LIST OF OPEN ELECTIVES

Pharmacy Practice	Pharmaceutical Regulatory Affairs	Industrial Pharmacy	Pharmaceutical Chemistry	Pharmaceutics/ Pharmaceutical Technology
<ol style="list-style-type: none"> 1. Cosmetology 2. Pharmaceutical Administration 3. Hazards and Safety management 4. Project Management 5. Audits and regulatory compliance 	<ol style="list-style-type: none"> 1. Screening Methods in Pharmacology 2. Entrepreneurship Management 3. Cosmetic science 4. Hazards and Safety management 5. Audits and regulatory compliance 	<ol style="list-style-type: none"> 1. Screening Methods in Pharmacology 2. Entrepreneurship Management 3. Cosmetic science 4. Hazards and Safety management 5. Audits and regulatory compliance 	<ol style="list-style-type: none"> 1. Entrepreneurship Management 2. Hazards and Safety management 3. Audits and regulatory compliance 4. Pharmaceutical validation 5. Nutraceuticals 	<ol style="list-style-type: none"> 1. Screening Methods in Pharmacology 2. Entrepreneurship Management 3. Cosmetic science 4. Hazards and Safety management 5. Audits and regulatory compliance
Pharmaceutical Quality Assurance <ol style="list-style-type: none"> 1. Entrepreneurship Management 2. Cosmetic Science 3. Nutraceuticals 4. Nano Based Drug Delivery Systems 5. Pharmacoepidemiology and Pharmacoeconomics 	Pharmacology <ol style="list-style-type: none"> 1. Cosmeticology 2. Pharmaceutical Administration 3. Drug Regulatory affairs 4. Project Management 5. Audits and regulatory compliance 	Pharmaceutical Analysis <ol style="list-style-type: none"> 1. Screening Methods in Pharmacology 2. Entrepreneurship Management 3. Cosmetic Science 4. Hazards and Safety Management 5. Audits and Regulatory Compliance 	Pharmacognosy <ol style="list-style-type: none"> 1. Screening Methods in Pharmacology 2. Cosmetic Science 3. Nutraceuticals 4. Entrepreneurship Management 	


PRINCIPAL
 Bharat Institute of Technology
 Mangalpally (V), Ibrahimpatnam (M),
 Dist - 501 510, Telangana.

