

**Minutes of the 41<sup>st</sup> Meeting of the Board of Management held on  
Saturday, 29<sup>th</sup> July, 2017 at 11.30 a.m.**

The following members were present:

Sr. No.	Name of the Member	Designation
1.	Dr. P. N. Razdan	Chairman
2.	Dr. A. M. Pathan	Member
3.	Dr. M. G. Takwale	Member
4.	Dr. N. K. Chadha	Member
5.	Dr. A. L. Kakrani	Member
6.	Dr. Deepak Kulkarni	Member
7.	Dr. Neelu Nawani	Member
8.	Dr. J. S. Bhawalkar	Member
9.	Dr. Yashraj P. Patil	Member
10.	Dr. A. N. Suryakar	Member Secretary
11.	Mr. M. S. Phirange	Permanent Invitee
12.	Mr. Kartikey Pandey	Permanent Invitee

Leave of absence was granted to Dr. B. M. Hegde, Dr. C. Bhasker Rao, Dr. Vedprakash Mishra, Dr. Somnath P. Patil and Dr. (Mrs.) Smita Jadhav who had expressed their inability to attend the meeting due to their preoccupations.

Vice Chancellor expressed condolence for sad demise of Prof. U. R. Rao, Former Chairman, ISRO and who was awarded the first degree of Doctor of Science (*Honoris Causa*), for his unique contributions to Space Science and Space Technology by our Vidyapeeth in its Convocation held in the year 2010. Two minutes silence was followed in the meeting. The Board resolved to convey our deep condolence to the family of Prof. U. R. Rao.

Dr. P. N. Razdan, Hon'ble Vice-Chancellor, welcomed all the members.

Thereafter the business of the meeting was taken up.

**Item No. BM-13-17:** To confirm the minutes of the last meeting of the Board of Management held on 7<sup>th</sup> April, 2017.

**Resolution No. BM-13-17:** It was resolved that the minutes of last meeting of the Board of Management, held on 7<sup>th</sup> April, 2017, be confirmed.

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**Item No. BM-14-17:** To consider the report on the 'Actions Taken' by the Vidyapeeth office on the resolutions of the Board of Management.

**Resolution No. BM-14-17:** It was resolved that, the report of 'Actions Taken' on the resolutions of the last meeting of the Board of Management, held on 7<sup>th</sup> April, 2017, be noted and approved.

**Item No. BM-15-17:** To inform the house about the major developments in the Vidyapeeth and its Constituent Colleges/Institutes, since its last meeting.

**Resolution No. BM-15-17:** It was resolved that the Major Developments in the Vidyapeeth and its Constituent Colleges/Institutes since its last meeting, be noted.

**Item No. BM-16-17:** To inform the house about the actions taken by the Vice Chancellor on the following items, on behalf of the Board of Management, since its last meeting.

**Resolution No. BM-16-17:** It was resolved that the actions taken such as (i) Additional intake of student for the Post-Doctoral Certificate Course in Clinical Echocardiography, (ii) Modifications in the Practical Examination Pattern of Paper II of the first year for Diploma in Dental Mechanics, (iii) Increase in intake of M.Sc. Biotechnology from the Academic Year 2017-18 and (iv) Approval for final fees for the Academic Year 2016-17 and actual fees to be charged for the Academic Year 2017-18, be noted and approved.

**Item No. BM-17-17:** To consider recommendations made by the Academic Council at its meetings held on 25<sup>th</sup> July, 2017 related to Faculty of Management.

**Item No. BM-17(i)-17:** Starting of Business Analytics as one of the specializations in MBA Programme.

**Resolution No. BM-17(i)-17:** After due deliberations on the curriculum of Business Analytics, it was resolved that the starting of Business Analytics as one of the specializations in MBA Programme, be approved from the Academic Year 2018-19. It was further resolved that the candidates who have graduation in Mathematics, Statistics, Commerce, Economics, Engineering etc. can only opt this specialization. The curriculum of Business Analytics, in addition to other core courses, will be as follows:

Semester MBA- I		
Sr. No.	Subject Code	Name of the Subject
1.	C 108 x	Foundations of Analytics
Semester MBA – II		
Sr. No.	Subject Code	Name of the Subject
1.	C 208 x	Introduction to Business Analytics
Semester MBA – III		
1.	C 305 J	Marketing Analytics
2.	C 306 J	Financial Analytics
3.	C 307 J	HR Analytics
Semester MBA – IV		
1.	C 405 J	Cloud & Big Data
2.	C 406 J	Security & Master Data Management
3.	C 407 J	Internet of Things

**Detail curriculum of Business Analytics is enclosed as Annexure – I.**

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**Item No. BM-17(ii)-17:** Starting of BBA course under the Faculty of Management from the Academic Year 2018-19.

**Resolution No. BM-17(ii)-17:** After detail discussions on the curriculum of BBA course, it was resolved that the starting of BBA (Bachelor of Business Administration) course under the Faculty of Management with 120 intake, be approved from the Academic Year 2018-19.

**The details of the BBA (Bachelor of Business Administration) course are as follows:**

**Duration:** The Course shall be a full time course and the duration of the course shall be of three years.

**Eligibility :** A candidate for being eligible for admission to the Degree course in Bachelor of Business Administration shall have passed 12th Std. Examination (H.S.C. 10+2) with 45% aggregate marks from any stream with English as passing subject at 12th Std./ Two or Three years Diploma holders (After 10<sup>th</sup> Standard) with 45% aggregate marks.

**Available Specializations:**

1. Finance
2. Marketing
3. Human Resource Management
4. IT and Systems Management
5. Biotechnology and Bioinformatics Management
6. Pharmaceutical Management
7. Hospital and Healthcare Management
8. Agribusiness Management.

**Further it was resolved that, any specialization can be offered only if minimum 10 students register for the same.**

The course structure for BBA course is as follows:

**B.B.A. FIRST YEAR (F.Y.)**

Sr. No.	Semester I	Course code	Credits	Marks
1.	Principles and Practices of Management	(101)	4	100
2.	Business Communication	(102)	4	100
3.	Basics of Accounting	(103)	4	100
4.	Business Economics	(104)	4	100
5.	Business Mathematics	(105)	4	100
6.	Environmental awareness and Disaster Management	(106)	4	100

Sr. No	Semester II	Course code	Credits	Marks
1.	Business Organization & System	(201)	4	100
2.	Human Resource Management	(202)	4	100
3.	Basics of Marketing	(203)	4	100
4.	Basics of Finance	(204)	4	100
5.	Financial and Cost Accounting	(205)	4	100
6.	Introduction to Information Technology	(206)	4	100



**B.B.A Second Year (S.Y.)**

Sr. No	Semester III	Course Code	Credits	Marks
1.	Management Information System	(301)	4	100
2.	Business Laws	(302)	4	100
3.	Organizational Behavior	(303)	4	100
4.	Management Accounting	(304)	4	100
5.	Managerial Economics	(305)	4	100
6.	IT Applications in Management	(306)	4	100

Sr. No	Semester IV	Course code	Credits	Marks
1.	Operations Management	(401)	4	100
2.	Industrial Relations & Labour laws	(402)	4	100
3.	Business Taxation	(403)	4	100
4.	International Business	(404)	4	100
5.	Entrepreneurship Development	(405)	4	100
6.	Business Statistics	(406)	4	100

**B.B.A Third Year (T.Y)**

Sr. No	Semester V	Course code	Credits	Marks
1.	Supply Chain and logistics Management	(501)	4	100
2.	Business Ethics and Corporate Governance	(502)	4	100
3.	Research Methodology	(503)	4	100
4.	Elective —I	(504)	4	100
5.	Elective —II	(505)	4	100
6.	Project Management	(506)	4	100

Sr. No	Semester VI	Course code	Credits	Marks
1.	Event Management	(601)	4	100
2.	Management Control System	(602)	4	100
3.	E- Business	(603)	4	100
4.	Elective —III	(604)	4	100
5.	Elective — IV	(605)	4	100
6.	Project Work	(606)	4	100

Two Elective papers will be offered in V and VI Semester each as per specialization of the candidate.

**Project Work:**

Project shall carry 100 marks as follows -

**Marks # Project work (Evaluation by external and internal examiner) - 50**

Presentation and Open Defense by external and internal examiner - 50

**The Course Structure and syllabus for BBA course is enclosed as Annexure – II.**

**Item No. BM-17(iii)-17:** Revision and digitization of the Self Learning Materials (SLM) prepared for the MBA distance learning program.

**Resolution No. BM-17(iii)-17:** It was resolved that the revision and digitalization in the Self Learning Materials of the MBA Programme through distance mode to be implemented for the batches admitted from July 2017 onwards, be approved.



### Details of Self Learning Material (SLM)

SN	Sem.	Name of SIM	Specialization	Name of Authors
1	I	Principles & Practices of Management	Common	Dr Manjusha Joshi
2	I	Management Accounting	Common	Pravin Tungar / Meghana Bhilare
3	I	Managerial Economics	Common	Mr Prem Gupta
4	I	Business Communication	Common	Dr.P P Bawale
5	I	Organizational Behaviour	Common	Vishwanath Joshi
6	I	Research Methodology	Common	Dr.Deepal Chawla Dr. Neena Sondhi
7	II	Human Resource Management	Common	Ms Manisha Purohit
8	II	Marketing Management	Common	Mr.M V Kulkarni
9	II	Financial Management	Common	Shantilal V Hajeri
10	II	Operations Management	Common	Mr Madhup Gandhi
11	II	Management Information Systems	Common	Vivek Marathe
12	II	Strategic Management & Business Policy	Common	Abhilash Nambudiri

**Item No. BM-17(iv)-17:** Addition of International Business Management as a Specialization to the MBA Distance Learning.

**Resolution No. BM-17(iv)-17:** It was resolved that the addition of “**International Business Management**” as a **Specialization** in the **MBA programme through Distance learning mode** along with existing seven specializations to be implemented from January, 2018 onwards, be approved.

Semester-I	Semester-II
Name of the Course	Name of the Course
Principles & Practices of Management	Human Resource Management
Management Accounting	Marketing Management
Managerial Economics	Financial Management
Business Communication	Operations Management
Organizational Behaviour	Management Information System
Research Methodology	Strategic Management & Business Policy

Semester-III	Semester-IV
Name of the Course	Name of the Course
International trade, WTO & Trade Policy issues	Foreign Exchange Management
Business Laws and Regulations	Insurance and Risk Management
Financial institutions and Banking	Project
International Marketing	
International Finance Management	
Security Analysis and Portfolio Management	

**Item No. BM-17(v)-17:** To Approve Program Project Report (PPR) for the distance learning MBA Programme under Institute of Distance Learning

(As per UGC Regulations, the Director IDL has prepared a Program Project Report (PPR) of MBA (Distance Mode), which consists details of: About the University, About IDL, Appropriateness of Program, Program Development - Instructional Design, Overall Programme Structure, Programme Educational Outcome, Programme Delivery - Admissions Process, Curriculum Transaction & Evaluation Pattern, Assessment & Evaluation, Student Participation & Feedback, Best Practices at Institute of Distance Learning and Plans for Next 5 Years)

**Resolution No. BM-17(v)-17:** After detailed discussions it was resolved that **Program Project Report (PPR)** prepared for **MBA 2 Year programme through distance mode** be approved. The approved PPR is enclosed separately.

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**Item No. BM-17-(vi)-17:** To discuss and approve Graduate Attributes, Programme Outcomes (POs), Course Outcomes (COs), outcome analysis of COs and POs and mapping of COs with POs for MBA and BBA Programmes.

**Resolution No. BM-17-(vi)-17:** After discussion, it was resolved that the Graduate Attributes, Programme Outcomes (POs), Course Outcomes (COs), outcome analysis of COs and POs and mapping of COs with POs for MBA and BBA Programme be approved. The details are enclosed separately.

**Item No. BM-17-(vii)-17:** To approve interdisciplinary courses.

**Resolution No. BM-17-(vii)-17:** It was resolved that every student has to undertake interdisciplinary courses offered for their batch. Courses other than their core specialization will be considered as their interdisciplinary course. The interdisciplinary courses offered be approved. The list of interdisciplinary courses is enclosed separately.

**Item No. BM-17-(viii)-17:** To start Certificate Course on Yoga and Meditation as value added course.

**Resolution No. BM-17-(viii)-17:** It was resolved that starting of Certificate Course on Yoga and Meditation of 20 hrs., as value added course, be approved. The details are enclosed separately.

**Item No. BM-18-17:** To consider recommendations made by the Academic Council at its meetings held on 25<sup>th</sup> July, 2017 related to Faculty of Allied Medical Sciences.

**Item No. BM-18(i)-17:** To consider examination reforms for I and II – MPT Programme.

**Resolution No. BM-18(i)-17:** It was resolved that the following revised question paper pattern of part A and part B for MPT Programme be approved with an option giving at the LAQ.

It was further resolved that the revised question paper pattern be implemented from the Academic Year 2017-18.

Existing Paper Pattern	Revised Paper Pattern
Paper pattern for 80 marks (Part A and Part B) and paper pattern for 40 marks (Part A only) is as follows:	
<b>Part A</b>	<b>Part A</b>
➤ Essay 1 X 15 marks = 15 Marks	Q.1 Essay (1 X 15 Marks) = 15 Marks
➤ Short Answers (Any 3 out of 4) 3 X 5 Marks = 15 marks	Q.2 LAQ (Any 1 out of 2) 1 X 10 Marks = 10 marks
➤ Short Notes (Any 5 out of 6) 5 X 2 Marks = 10 marks	Q.3 Short Notes (Any 3 out of 4) 3 X 5 Marks = 15 Marks
<b>Part B</b>	<b>Part B</b>
➤ Essay 1 X 15 marks = 15 Marks	Q.1 Essay (1 X 15 Marks) = 15 Marks
➤ Short Answers (Any 3 out of 4) 3 X 5 Marks = 15 Marks	Q.2 LAQ (Any 1 out of 2) 1 X 10 Marks = 10 marks
➤ Short Notes (Any 5 out of 6) 5 X 2 Marks = 10 Marks	Q.3 Short Notes (Any 3 out of 4) 3 X 5 Marks = 15 Marks

**Item No. BM-18(ii)-17:** To consider modifications with segregation of the syllabus contents of UG Programme

**Resolution No. BM-18(ii)-17:** After detailed discussions, it was resolved that the BPT syllabus modified with proper segregation of the contents of each subject under Must to

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know, Desirable to know and Nice to know heads, with a percentage distribution of 75% for must to know, 15% under desirable to know and 10% under nice to know for evaluation purpose be approved. It was further resolved that this modifications should be applicable from the Academic Year 2017-18 onwards.

**BACHELOR OF PHYSIOTHERAPY (BPT)**  
(Syllabus changes and update for 2017-18)

Sem	Subject	Modifications	New Addition / update
Semester - I	Human Anatomy-I		<ul style="list-style-type: none"> <li>Bony landmarks of upper extremity, Head neck &amp; Thorax</li> <li>Palpation of peripheral arteries &amp; nerves</li> </ul>
	Electro Therapy- I		<ul style="list-style-type: none"> <li>Open equipment demonstration of various equipments</li> <li>Calibration techniques of equipments</li> </ul>
Semester -II	Human Anatomy-II		<ul style="list-style-type: none"> <li>Surface anatomy – Lower limb &amp; spine</li> </ul>
	Exercise Therapy- I		<ul style="list-style-type: none"> <li>Room based hydrotherapy – aquaciser</li> <li>Matsyndrasana</li> <li>Ardha Matsyndrasana</li> </ul>
Semester -III	Exercise Therapy-II	<p>Shifted to biomechanics subject</p> <p>Bio-physical properties of connective tissue, Elasticity /Plasticity – response to sudden/slow/sustained loading –Stress strain Curve, Creep, Hysteresis, joint classification and joint movements,</p>	<ul style="list-style-type: none"> <li>Assessment of tightness.</li> <li>Principal and technique of Stretching of contractile tissue. Indication contraindication.</li> <li>Training for different conditions (Paraplegia, Hemiparesis, Amputation, etc.)</li> <li>Training for different conditions (ataxia, parkinsonism, Stroke,)</li> <li>Breathing exercises</li> <li>Application for different conditions using different equipments</li> <li>Physiological adaptations to training</li> </ul>
	Pathology & Microbiology		<ul style="list-style-type: none"> <li>Hepatic diseases -Cirrhosis – emphasis to systemic effects of portal Hypertension.</li> <li>Deficiency disorders – Vitamins A,B,C,D.</li> <li>Growth Disturbance - Chemical, Occupational, heredity, viral.</li> </ul>
	Biomechanics		<p>Shifted from Exercise Therapy – II</p> <p>Bio-physical properties of connective tissue, Elasticity /Plasticity – response to sudden/slow/sustained loading –Stress strain Curve, Creep, Hysteresis, joint classification and joint movements,</p> <ul style="list-style-type: none"> <li>Effect of immobilization, injury &amp; aging on muscle.</li> <li>Kinetics &amp; Kinematics of various activities pulling, pushing, running, jogging</li> <li>pathomechanics of abnormal gait patterns</li> </ul>
	First Aid & Emergency care		<ul style="list-style-type: none"> <li>Transportation of the injured</li> <li>Snake Bite,</li> </ul>

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Sem	Subject	Modifications	New Addition / update
			<ul style="list-style-type: none"> <li>Hypothermia and Hyperthermia</li> </ul>
	Electro Therapy- II		<ul style="list-style-type: none"> <li>Functional electrical stimulation</li> <li>Long wave diathermy</li> <li>NEMS</li> <li>Matrix Rhythm Therapy</li> </ul>
Semester V	Physical and Functional Diagnostics skills		<ul style="list-style-type: none"> <li>Neuro-FIM, ASIA, BARTHEL INDEX, FUGEL MEYER, RLA, STREAM, MMSC, BOT, GMFS</li> <li>Cardio-Shuttle walk /run test, ), COPD questionnaire, dyspnoea assessment</li> </ul>
Semester - VI	Research Methodology and Biostatistics		<ul style="list-style-type: none"> <li>Statistical - Statistical packages</li> </ul>
	Physiotherapeutic Skills		<ul style="list-style-type: none"> <li>Neuro Dynamics ( including Butler, Schaklock)</li> </ul>
Semester - VII	Physiotherapy in Community Based Rehabilitation		<ul style="list-style-type: none"> <li>Common Problems in adolescents and management of Infertility</li> <li>Yogasanas in specific health conditions – Diabetes, Preganacy, Hypertension</li> <li>Nutrition and Diet for fitness</li> <li>Role of NGO in Community Based Rehabilitation</li> </ul>
	Physiotherapy in Musculoskeletal sciences		<ul style="list-style-type: none"> <li>SLAP lesion, GIRD, Reverse replacement,</li> <li>Arthroscopic repairs of knee &amp; Management,</li> <li>OA ankle</li> </ul>
	Choice based (Paediatrics/Manual Therapy)		<ul style="list-style-type: none"> <li>Movement impairment syndrome, Combined movement therapy ( manual therapy )</li> </ul>
Semester - VIII	Physiotherapy in Neurosciences		<ul style="list-style-type: none"> <li>Neuroplasticity</li> <li>MRP, CIMT, MIRROR THERAPY,</li> <li>Radio imaging of Brain &amp; spinal cord</li> </ul>
	Physiotherapy in Cardiorespiratory and General Conditions	Modified topics <ul style="list-style-type: none"> <li>Drug Therapy</li> <li>Patterns of Lung Disorders &amp; their PT Management</li> </ul>	<ul style="list-style-type: none"> <li>Common Medicines used in Cardiorespiratory conditions and general condition.</li> <li>Physiotherapy assessment and management of various obstructive and restrictive conditions of respiratory system</li> </ul>
	Choice based course (Sports Physiotherapy / Hand Conditions)		<ul style="list-style-type: none"> <li>Prosthesis of upper extremity</li> </ul>

**Item No. BM-19-17:** To consider recommendations made by the **Academic Council** at its meetings held on **25<sup>th</sup> July, 2017** related to **Faculty of Biotechnology & Bioinformatics**.

**Item No. BM-19(i)-17:** To prepare structured list of practical's in the teaching programmes of various semesters.

**Resolution No. BM-19(i)-17:** After detailed discussions, it was resolved that the structured list of practical's for the 16 subjects for the UG & PG Programmes to be implemented

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from the Academic Year 2017-18 be approved. Revised structured list of practicals is as follows:

Sr. No.	SEM	Degree program	Subject code	Subject name	Credits
1	I	M.Sc. Biotechnology	MS103	Cell Biology (Practical)	2
2	I	M.Sc. Biotechnology	MS105	Bioanalytical techniques (Practical)	2
3	III	B. Tech Biotechnology and M. Tech (Int) Biotechnology	BS301	Analytical techniques (Practical)	2
4	III	B. Tech Biotechnology and M. Tech (Int) Biotechnology	BS302	Cell Biology (Practical)	1
5	III	B. Tech Biotechnology and M. Tech (Int) Biotechnology	BT302	Enzymology and Enzyme Technology (Practical)	2
6	III	B. Tech Medical Biotechnology	MB301	Bioprocess Engineering (Practical)	2
7	V	B. Tech Biotechnology and M. Tech (Int) Biotechnology	BT504	Fermentation Technology (Practical)	2
8	V	B. Tech Medical Biotechnology	MB501	Cancer Biology (Practical)	1
9	V	B. Tech Medical Biotechnology	MB502	Tissue engineering and transplantation (Practical)	2
10	V	B. Tech Medical Biotechnology	MB504	Disease Biology (Practical)	2
11	V	B. Tech Medical Biotechnology	MB506	Genomics, Transcriptomics and Proteomics (Practical)	1
12	VI	B. Tech Biotechnology and M. Tech (Int) Biotechnology	BI606	Computer Networking (Practical)	2
13	VII	B. Tech Biotechnology and M. Tech (Int) Biotechnology	BT702	Nanobiotechnology and Biosensors (Practical)	2
14	VII	B. Tech Biotechnology and M. Tech (Int) Biotechnology	BT707	Metabolic Engineering (Practical)	2
15	VII	B. Tech Biotechnology and M. Tech (Int) Biotechnology	BT708	Marine Biotechnology (Practical)	2
16	VII	B. Tech Medical Biotechnology	MB702	Forensic Biotechnology (Practical)	2

Details are annexed as Annexure - VII.

Item No. BM-19(ii)-17: To consider changes in theory syllabus of following subjects.

Resolution No. BM-19(ii)-17: It was resolved that the changes in syllabus of following subjects to be implemented from the Academic Year 2017-18 be approved.

Sr. No.	SEM	Degree Programme	Subject Code	Subjects Name	Credits
1	III	B. Tech Medical Biotechnology	MB301	Bioprocess Engineering (Theory)	3
2	VII	B. Tech Biotechnology and M. Tech (Int) Biotechnology	BT708	Marine Biotechnology (Theory)	3

Details are annexed as Annexure – VII.



**Item No. BM-19(iii)-17:** To consider the internal assessment structure and guidelines.

**Resolution No. BM-19(iii)-17:** It was resolved that the internal assessment structure and guidelines with certain modifications, be approved. It was further resolved that the same can be implemented from the Academic Year 2017-18. The approved internal assessment structure is as follows:

***Internal assessment for Theory:***

Sr. No.	Existing structure		New Proposed structure	
	Evaluation Scheme	Total Marks	Evaluation Scheme*	Total Marks
1	First Internal examination Duration: 45 min	15	First Internal examination <b>Duration: 60 min</b>	20
2	Second Internal Examination Duration: 45 min	15	Second Internal Examination <b>Duration: 60 min</b>	15
3	Tutorial and assignment	5	-	-
4	Attendance (above 80% attendance gets full marks)	5	Attendance	5
	<b>Total marks</b>	<b>40</b>	<b>Total marks</b>	<b>40</b>

\* The internal evaluation would be flexible based on MCQs, quiz, assignment, seminar, descriptive questions, etc.

***Internal assessment for internal practical examination***

Sr. No.	Existing structure		New Proposed structure		
	Evaluation Scheme	Total marks	Evaluation Scheme	Total marks	Total marks
1	Practical examination Duration: 30 min	10	Practical examination Duration: 60 min	20	10
2	Laboratory assignment	10	Journal Writing	10	05
3	Journal Writing	10	Attendance in practicals*	10	05
4	Attendance (above 80% attendance gets full marks)	10	-	-	-
	<b>Total marks</b>	<b>40</b>	<b>Total marks</b>	<b>40</b>	<b>20</b>

\*Total marks for practical attendance: 100 % - 5 marks, 95-99 % - 4 marks, 90-94 % - 3 marks, 85-89 % - 2 marks, 80-84 % - 1 mark, below 80 % - 0 marks

Attendance Requirement: In general, the institute expects 100% attendance. A minimum of 80% attendance for theory and 100% for practical classes is essential for appearing at the university examination. It may be relaxed to 70% attendance in theory for health or other emergency situation at the discretion of a duly constituted disciplinary committee appointed by the Director.

***End semester practical examination***

Sr. No.	Existing structure			New Proposed structure		
	Evaluation	Marks for subjects with 60 marks for assessment	Marks for subjects with 30 marks for assessment	Evaluation	Marks for subjects with 60 marks for assessment	Marks for subjects with 30 marks for assessment
1	Practical: Major experiment	20	10	Practical: Major experiment	30	15

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2	Practical: Minor experiment	10	5	Practical: Minor experiment	10	5
3	Practical: Spotting	10	5	Practical: Spotting	10	5
4	Viva	10	5	Viva	10	5
5	Journal	10	5	Journal*	Nil	Nil
	Total	60	30	Total	60	30

\*Journal assessment marks will be given in the internal assessment

Item No. BM-19-(iv)-17: To consider the total number of credits in various degree programmes

Resolution No. BM-19 (iv)-17: It was resolved that the proposed modifications in the total number of credits in B. Tech Biotechnology and M. Tech (Integrated) Biotechnology to be implemented from the Academic Year 2018-19 be approved.

Existing course structure for B. Tech Biotechnology (L T P Hr C)

S No	Semester I 25	Semester II 26	Semester III 27	Semester IV 26	Semester V 28	Semester VI 25	Semester VII 25	Semester VIII
1	BS 101 Physics (3 0 2 5 4)	BS 201 Physical Chemistry (3 1 0 4 4)	BS 301 Analytical Techniques (3 0 4 7 5)	BT401 Molecular Biol. I (3 0 4 7 5)	BT 501 Molecular Biology II (3 0 4 7 5)	BT601 Virology (3 1 0 4 4)	BT 701 Biomembranes & Molecular cell signaling (3 1 0 4 4)	R E S E A R C H P R O J E C T 25 Cr  207
2	BS 102 Organic chemistry (3 0 4 7 5)	BS 202 Introduction to Biomolecules (3 0 4 7 5)	BS 302 Cell biology (3 0 2 5 4)	BT 402 Metabolism (3 1 0 4 4)	BT 502 Recombinant DNA Technology (3 1 0 4 4)	HU 601 Principles of Management & Entrepreneurial development (3 0 0 3 3)	BT 702 Nanobiotechnology and Biosensors (3 0 4 7 5)	
3	BS 103 Mathematics (L T P Hr C 3 1 0 4 4)	BS 203 Biostatistics (L T P Hr C 3 1 0 4 4)	BS 303 Microbiology (L T P Hr C 3 0 4 7 5)	BT408 Animal tissue cultures & stem cells (3 0 2 5 4)	BT 302 Enzymology & Enzy. Technology (3 0 4 7 5)	HU 602 Biosafety, Bioethics & IPR (3 1 0 4 4)	HU 701 Quality control management in BT (3 1 0 4 4)	
4	BT 101 Intro to Electronics & Instrumentation Engineering (3 0 2 5 4)	BT 201 Engineering Mechanics (3 0 2 5 4)	BT301 Plant Physiology (L T P Hr C 3 1 0 4 4)	BT 404 Plant tissue culture (L T P Hr C 3 0 2 5 4)	BT503 Basic Pharmacology & Toxicology (L T P Hr C 3 1 0 4 4)	BT 602 Genomics, Transcriptomics & Proteomics (L T P Hr C 3 1 2 6 5)	BT 703 Advances in Biotechnology (L T P Hr C 3 0 0 3 3)	
5	BI 101 Intro to Computers & Comp. Organization (3 0 4 7 5)	BI 201 C programming (3 0 4 7 5)	BS 304 Genetics (L T P Hr C 3 1 2 6 5)	BT 405 Immunology (L T P Hr C 3 0 2 5 4)	BT 504 Fermentation Technology (3 0 4 7 5)	BT 603 Biochemical Engineering. (3 0 4 7 5)	BT 704 Seminars in Biotechnology (3 1 0 4 4)	
6	HU 101 Communication Skills (1 2 0 3 3)	BS 204 Environmental Sciences (3 0 2 5 4)	BS 305 Mammalian Physiology (3 1 0 4 4)	BI 301 Concepts in bioinformatics (3 0 4 7 5)	BT 506/ BT 507 Elective I (3 0 4 7 5)	BI 504/ BI 606/ BI 603 Elective II (3 0 2 5 4)	BT 707 / 708/ 709/710 Elective III (3 0 4 7 5)	

Elective I: BT 506 Food Biotechnology/ BT 507 Environmental Biotechnology

Elective II: BI 504 Operating System/ BI 603 Perl & BioPerl/ BI 606 Computer Networking

Elective III : BT 707 Metabolic Engineering/ BT 708 Marine Biotechnology/ BT 709 Agricultural Biotechnology/ BT 710 Biopharmaceuticals

Revised numbers of credits and course structure for B. Tech. Biotechnology are as follows:

(L T P H C) (Lecture, tutorial, practical, contact hours, credits) 207 to 193

S No	Semester I 25 (23)	Semester II 26 (23)	Semester III 27 (23)	Semester IV 26 (25)	Semester V 28 (26)	Semester VI 25 (25)	Semester VII 25 (23)	S VIII
1	Physics (3 0 2 5 4) Physics (3 0 2 5 4)	Phy. Chemistry (3 1 0 4 4) Biochemistry (3 1 4 8 6)	Analytical Techniques (3 0 4 7 5)	Molecular Biol. I (3 0 4 7 5) Molecular Biol-ogy (3 1 4 8 6)	Mol.Biology II (3 0 4 7 5) Environmental Biotechnology (3 0 2 5 4)	Virology (3 1 0 4 4) Food Biotechnology (3 0 4 7 5)	Biomembranes & Molecular cell signaling (3 1 0 4 4) Elective I (3 0 4 7 5)	R E S E A R C H P R
2	Organic chemistry (3 0 4 7 5) Chemistry (3 0 4 7 5)	Introduction to Biomolecules (3 0 4 7 5) Cell Biology (3 0 2 5 4)	Cell biology (3 0 2 5 4) Concepts in Bioinformatics (3 0 4 7 5)	Metabolism (3 1 0 4 4) Developmental Biology (3 0 2 5 4)	Recombinant DNA Technology (3 0 4 7 5)	Principles of Management & Entrepreneurial dev. (3 0 0 3 3) Basic Pharmacol. & Toxicol. (3 1 0 4 4)	Nanobiotechnology and Biosensors (3 0 4 7 5) Elective II (3 0 4 7 5)	

*Re*



3	Mathematics (3 1 0 4 4) Computers & C Programming (3 0 4 7 5)	Biostatistics (3 1 0 4 4) Basic Mathematics & Biostatistics (3 1 2 6 5)	Microbiology (3 0 4 7 5) Microbiology & Virology (3 1 4 8 6)	Animal tissue culture & stem cells (3 0 4 7 5)	Enzymology & Enzy. Technology (3 0 4 7 5)	Biosafety, Bioethics & IPR (3 1 0 4 4) Marine Biotechnol. (3 0 4 7 5)	Elective III (3 0 4 7 5)	O J E C T (25)
4	Intro to Electronics & Instrumentation Engineering (3 0 2 5 4)	Engineering Mechanics (3 0 2 5 4)	Plant Physiology (3 1 0 4 4) Biosafety & Bioethics (2 0 0 2 2)	Plant tissue culture (3 0 2 5 4) Plant Biotechnology (3 1 4 8 6)	Basic Pharmacol. & Toxicol. (3 1 0 4 4) Molecular Modeling and drug designing (3 0 4 7 5)	Genomics, Transcriptomics & Proteomics (3 1 4 8 6)	Quality control management in BT (3 1 0 4 4) IPR, Entrepren. & Quality control Mgt (3 1 0 4 4)	
5	Intro to Computers & Comp. Org. (3 0 4 7 5) Disaster Mgt. (2 0 0 2 2)	C programming (3 0 4 7 5) Environmental Sciences (3 0 2 5 4)	Genetics (3 1 2 6 5)	Immunology (3 0 2 5 4)	Fermentation Technology (3 0 4 7 5) Biochemical Engg & Bioprocess Technol. (3 1 4 8 6)	Biochemical Engineering. (3 0 4 7 5) Nanobiotechnology and Biosensors (3 0 2 5 4)	Seminars in Biotechnology (3 1 0 4 4)	
6	Communication Skills (1 2 0 3 3)	No subject	Mammalian Physiology (3 1 0 4 4) No subject	Concepts in bioinformatics (3 0 4 7 5) No subject	Elective I (3 0 4 7 5) Personality & Skill Development (1 0 0 1 1)	Elective II (3 0 2 5 4) Process Economics (1 0 0 1 1)	Advances in Biotechnology (3 0 0 3 3) No subject	

### Existing course structure for M. Tech (Integrated) Biotechnology

Sr. No	Semester I	Semester II	Semester III	Semester IV	Semester V	Semester VI	Semester VII	Semester VIII	Semester IX & X
1	BS 101 Physics (3 0 2 5 4)	BS 201 Physical Chemistry (3 1 0 4 4)	BS 301 Analytical Techniques (3 0 4 7 5)	BT 401 Molecular Biology I (3 0 4 7 5)	BT 501 Molecular Biology-II (3 0 4 7 5)	BT 601 Virology (3 1 0 4 4)	BT 701 Biomembranes & Molecular Cell Signaling (3 1 0 4 4)	BT 801 Protein modeling and Drug Designing (3 0 4 7 5)	R E S E A R C H P R O J E C T 50 Cr.
2	BS 102 Organic chemistry (3 0 4 7 5)	BS 202 Introduction to Biomolecules (3 0 4 7 5)	BS 302 Cell Biology (3 0 2 5 4)	BT 402 Metabolism (3 1 0 4 4)	BT 502 Recombinant DNA Technology (3 1 0 4 4)	HU 601 Principles of Management & Entrepreneurial Developments (3 0 0 3 3)	BT 705 Stem Cells (3 1 0 4 4)	BT 802 Proteomics (3 0 2 5 4)	
3	BS 103 Mathematics (LTP Hr C 3 1 0 4 4)	BS 203 Biostatistics (LTP Hr C 3 1 0 4 4)	BS 303 Microbiology (3 0 4 7 5)	BT 403 Animal Tissue Culture (3 0 2 5 4)	BT 302 Enzymology & Enzyme Technology (3 0 4 7 5)	BI 605 Introduction to Molecular Modeling and Chemo informatics (3 0 4 7 5)	HU 701 Quality Control Management in Biotechnology (3 1 0 4 4)	BT 505 Biomedical Engineering (3 1 0 4 4)	
4	BT 101 Introduction to Electronics & Instrumentation Engineering (3 0 2 5 4)	BT 201 Engineering Mechanics (3 0 2 5 4)	BT 301 Plant Physiology (3 1 0 4 4)	BT 404 Plant Tissue Culture (3 0 2 5 4)	BT 503 Basic Pharmacology & Toxicology (3 1 0 4 4)	HU 602 Bio Safety, Bio Ethics & IPR (3 1 0 4 4)	BT 706 Transcriptomics (3 0 4 7 5)	BT 803 Nanobiotechnology (3 0 2 5 4)	
5	BI 101 Introduction to Computers & Computer Organization (3 0 4 7 5)	BI 201 C programming (3 0 4 7 5)	BS 304 Genetics (3 1 2 6 5)	BT 405 Immunology (3 0 2 5 4)	BT 504 Fermentation Technology (3 0 4 7 5)	BT 604 Genomics (3 0 2 5 4)	BT 603 Biochemical Engineering (3 1 4 8 6)	BT 804 Seminars & Advances in Biotechnology (3 1 0 4 4)	
6	HU 101 Communication Skills (LTP Hr C 1 2 0 3 3)	BS 204 Environmental Sciences (LTP Hr C 3 0 2 5 4)	BS 305 Mammalian Physiology (LTP Hr C 3 1 0 4 4)	BI 301 Concepts in Bioinformatics (LTP Hr C 3 0 4 7 5)	BT 506 / BT 507 Elective I (LTP Hr C 3 0 4 7 5)	BI 603/ BI 504/ BI 606 Elective-II (LTP Hr C 3 1 2 6 5)	BT 707/ BT 708/ BT 709 Elective-III (LTP Hr C 3 0 4 7 5)	BT 805/ BT 710 Elective-IV (LTP Hr C 3 0 4 7 5)	

Elective I: BT 507 Environmental Biotechnology/ BT 506 Food Biotechnology ; Elective II: BI 504 Operating Systems/ BI 606 Computer Networking/ BI 603 Pearl & Biopearl, ; Electives III: BT 707 Metabolic Engineering, BT 708 Marine Biotechnology; BT 709 Agriculture Biotechnology ; Electives IV: BT 805 Clinical Research, / BT 710 Biopharmaceuticals  
**Bold : Proposed New Courses**

**Revised numbers of credits and course structure for M. Tech. Biotechnology are as follows:**

**(L T P H C) (Lecture, tutorial, practical, contact hours, credits) 261 to 242**

S No	Semester I 25 (23)	Semester II 26 (23)	Semester III 27 (23)	Semester IV 26 (25)	Semester V 28 (26)	Semester VI 25 (24)	Semester VII 25 (24)	Semester VIII 26 (24)	S IX, X
1	Physics (3 0 2 5 4) Physics (3 0 2 5 4)	Phy. Chemistry (3 1 0 4 4) Biochemistry (3 1 4 8 6)	Analytical Techniques (3 0 4 7 5)	Molecular Biol. I (3 0 4 7 5) Molecular Biol-ogy (3 1 4 8 6)	Mol. Biology II (3 0 4 7 5) Environmental Biotechnology (3 0 2 5 4)	Virology (3 1 0 4 4) Food Biotechnology (3 0 4 7 5)	Molecular cell signaling (3 1 0 4 4)	Elective I (3 0 4 7 5)	R E S E

BR



2	Organic chemistry (3 0 4 7 5) Chemistry (3 0 4 7 5)	Introduction to Biomolecules (3 0 4 7 5) Cell Biology (3 0 2 5 4)	Cell biology (3 0 2 5 4) Concepts in Bioinformatics (3 0 4 7 5)	Metabolism (3 1 0 4 4) Developmental Biology (3 0 2 5 4)	Recombinant DNA Technology (3 0 4 7 5)	Principles of Management & Entrepreneurial dev. (3 0 0 3 3) Basic Pharmacol & Toxicol. (3 1 0 4 4)	Stem Cell Technology (3 1 0 4 4)	Elective II (3 0 4 7 5)	A R C H I T E C T (50)
3	Mathematics (3 1 0 4 4) Computers & C Programming (3 0 4 7 5)	Biostatistics (3 1 0 4 4) Basic Mathematics & Biostatistics (3 1 2 6 5)	Microbiology (3 0 4 7 5) Microbiology & Virology (3 1 4 8 6)	Animal tissue culture (3 0 4 7 5)	Enzymology & Enzy. Technology (3 0 4 7 5)	Biosafety, Bioethics & IPR (3 1 0 4 4) Marine Biotechnol. (3 0 4 7 5)	Protein Modeling and drug designing (3 0 4 7 5)	Elective III (3 0 4 7 5)	
4	Intro to Electronics & Instrumentation Engineering (3 0 2 5 4)	Engineering Mechanics (3 0 2 5 4)	Plant Physiology (3 1 0 4 4) Biosafety & Bioethics (2 0 0 2 2)	Plant tissue culture (3 0 2 5 4) Plant Biotechnology (3 1 4 8 6)	Basic Pharmacol. & Toxicol. (3 1 0 4 4) Molecular Modeling & chemoinformatics (3 0 4 7 5)	Genomics, & Transcriptomics (3 0 4 7 5)	QC management in BT (3 1 0 4 4) IPR, Entrepre & QC Mgt (3 1 0 4 4)	Elective IV (3 0 4 7 5)	
5	Intro to Computers & Comp. Org. (3 0 4 7 5) Disaster Mgt. (2 0 0 2 2)	C programming (3 0 4 7 5) Environmental Sciences (3 0 2 5 4)	Genetics (3 1 2 6 5)	Immunology (3 0 2 5 4)	Fermentation Technology (3 0 4 7 5) Biochemical Engg & Bioprocess Technol. (3 1 4 8 6)	Biochemical Engineering. (3 0 4 7 5) Nanobiotechnology and Biosensors (3 0 2 5 4)	Seminars in Biotechnology (2 0 0 2 2)	Biomedical Engineering (3 1 0 4 4)	
6	Communication Skills (1 2 0 3 3)	No subject	Mammalian Physiology (3 1 0 4 4) No subject	Concepts in bioinformatics (3 0 4 7 5) No subject	Elective I (3 0 4 7 5) Personality & Skill Development (1 0 0 1 1)	Elective II (3 0 2 5 4) Process Economics (1 0 0 1 1)	Advances in Biotechnology (3 0 0 3 3) Proteomics (3 0 4 7 5)	No subject	

**Item No. BM-19-(v)-17:** To consider and approve Increase in intake of M.Sc. Biotechnology from 30 seats to 45 seats and to stop the admissions of M. Sc. (Bioinformatics) from the Academic Year 2017-18.

**Resolution No. BM-19-(v)-17:** It was resolved that increase in intake of M.Sc. Biotechnology from 30 seats to 45 seats be approved and stop the admissions of M.Sc. (Bioinformatics) from the Academic Year 2017-18 be approved.

**Item No. BM-20-17:** To consider recommendations made by the Academic Council at its meeting held on 25<sup>th</sup> July, 2017 related to Faculty of Medicine.

**Item No. BM-20 (i)-17:** Changes in the curriculum of B. Optometry.

**Resolution No. BM-20 (i)-17:** It was resolved that the inclusion of Research Methodology & Biostatistics as a subject in the 5<sup>th</sup> Semester of B. Optometry and Medical Law & Ethics as a subject in the 6<sup>th</sup> Semester of B. Optometry be approved. The members suggested to consult with the Department of Community Medicine and Department of F.M.T. for implementation of the same. The members also suggested that for internship, students be posted in the Department of Ophthalmology of Medical College. The above changes in the curriculum of B. Optometry be implemented for the batch admitted in 5<sup>th</sup> and 6<sup>th</sup> semester of B. Optometry from the Academic Year 2017-18 onwards.

The course plan and other details for the above subjects are as follows:

#### **Inclusion of Research Methodology and Biostatistics in the 5<sup>th</sup> Semester of B. Optometry**

##### **RESEARCH METHODOLOGY AND BIOSTATISTICS**

**INSTRUCTOR IN-CHARGE:** Biostatistician / Epidemiologist or Higher optometry holder with experience in biostatistics and research methodology

**COURSE OBJECTIVES:** The objective of this module is to help the students understand the basic principles of research and methods applied to draw inferences from the research findings.

*BR*



## **COURSE PLAN (Total: 30 hours)**

### **Research Methodology**

1. Introduction to research methods
2. Identifying research problem
3. Ethical issues in research
4. Research design
5. Types of Data
6. Research tools and Data collection methods
7. Sampling methods
8. Developing a research proposal

### **Biostatistics**

1. Basics of Biostatistics
  - 1.1 Introduction of Biostatistics
  - 1.2 Measures of Morality
  - 1.3 Sampling
  - 1.4 Statistical significance
  - 1.5 Correlation
  - 1.6 Sample size determination.
  - 1.7 Statistics – Collection of Data - presentation including classification and diagrammatic representation –frequency distribution. Measures of central tendency; measures of dispersion.
  - 1.8 Theoretical distributions.
    - 1.8.1 Binomial
    - 1.8.2 Normal
    - 1.8.3 Sampling –necessity of methods and techniques.
    - 1.8.4 Chi. Square test (2 x 2)
2. Hospital Statistics
3. Use of computerized software for statistics

## **Inclusion of Medical Law & Ethics in the 6<sup>th</sup> Semester of B. Optometry MEDICAL LAW AND ETHICS**

Legal and ethical considerations are firmly believed to be an integral part of medical practice in planning patient care. Advances in medical sciences, growing sophistication of the modern society's legal framework, increasing awareness of human rights and changing moral principles of the community at large, now result in frequent occurrences of healthcare professionals being caught in dilemmas over aspects arising from daily practice.

Medical ethics has developed into a well based discipline which acts as a "bridge" between theoretical bioethics and the bedside. The goal is "to improve the quality of patient care by identifying, analyzing, and attempting to resolve the ethical problems that arise in practice". Doctors are bound by, not just moral obligations, but also by laws and official regulations that form the legal framework to regulate medical practice. Hence, it is now a universal consensus that legal and ethical considerations are inherent and inseparable parts of good medical practice across the whole spectrum.

## **COURSE PLAN (Total: 30 hours)**

Few of the important and relevant topics that need to focus on are as follows:

1. Medical ethics - Definition - Goal - Scope
2. Introduction to Code of conduct
3. Basic principles of medical ethics –Confidentiality
4. Malpractice and negligence - Rational and irrational drug therapy
5. Autonomy and informed consent - Right of patients
6. Care of the terminally ill- Euthanasia
7. Organ transplantation
8. Medico legal aspects of medical records –Medico legal case and type- Records and document related to MLC - ownership of medical records - Confidentiality Privilege communication - Release of medical information - Unauthorized disclosure - retention of medical records - other various aspects.
9. Professional Indemnity insurance policy
10. Development of standardized protocol to avoid near miss or sentinel events
11. Obtaining an informed consent.

*Rn*



**Item No. BM-20(ii)-17:** To include certain interdisciplinary topics with Radiology department in Anatomy subject of the first year MBBS curriculum.

**Resolution No. BM-20(ii)-17:** It was resolved that the introduction of Sectional Anatomy and Sonographic Anatomy, an Integrated approach towards Radiology and Imaging Sciences in first year in the Subject of Anatomy UG curriculum be approved with effect from the Academic Year 2017-18.

Topics Anatomy with radiology and Imaging in integrated teaching:

Sr. No	Topic	Faculty	Hours	Session
1.	Introduction to imaging modalities	Radiology	1	Theory
2.	Introduction to cross sectional anatomy	Anatomy	1	Theory
3.	Sectional anatomy of upper limb	Anatomy	1	Practical
4.	Sectional anatomy of lower limb	Anatomy	1	Practical
5.	Imaging of anatomy of extremities	Anatomy	1	Practical
6.	Sectional anatomy of thorax ,abdomen	Anatomy	1	Practical
7.	Imaging modalities of thorax and abdomen	Radiology	1	Theory
8.	Introduction to Sono anatomy	Radiology	1	Theory
9.	Sectional anatomy of Brain	Anatomy	1	Practical
10.	Sectional Anatomy of neck and face	Anatomy	1	Practical
11.	Normal USG anatomy of abdomen and pelvis	Radiology	1	Practical

All these hours will be adjusted in existing teaching hours after rescheduling of lectures and practical sessions.

**Item No. BM-20(iii)-17:** To include Lectures in Aviation and Space Physiology in Physiology subject of the first year MBBS curriculum.

**Resolution No. BM-20(iii)-17:** It was resolved that introduction of Lectures in Aviation and Space Physiology in first year in the Subject of Physiology UG curriculum to be implemented from the Academic Year 2017-18 be approved.

**Item No. BM-20(iv)-17:** To approve the increase in intake of following Degree Programmes under the Faculty of Medicine.

**Resolution No. BM-20(iv)-17:** With reference to the approval letter received from the MCI, it was resolved that the increase in intake be permitted for following Degree Programme under the Faculty of Medicine from the Academic Year 2017-18.

Sr. No.	Subject	Course	Increase in Seats	
			From	To
1	Neurosurgery	M.Ch.	01	03
2	Urology	M.Ch.	02	04
3	Nephrology	D.M.	02	03

*Rm*



**Item No. BM-20(v)-17:** To consider and approve issue of letter of consent for increase in intake of following Super-Specialty Programmes under the Faculty of Medicine.

**Resolution No. BM-20(v)-17:** After taking into consideration the adequate availability of infrastructure, experienced teaching faculty and OPD & IPD patients strength it was resolved that the letter of consent for increase in intake of following Degree Programmes from the Academic Year 2015-16 onwards for three years under the Faculty of Medicine, be issued to the Medical College for further needful action.

Sr. No.	Subject	Course	Increase in Seats	
			From	To
1	Cardio Vascular & Thoracic Surgery	M.Ch.	02	04
2	Cardiology	D.M.	02	04

**Item No. BM-21-17:** To consider and approve the Regulations for **Doctor of Philosophy (Ph.D) 2017** of the Vidyapeeth.

**Resolution No. BM-21-17:** After detail discussion it was resolved that the Regulations for **Doctor of Philosophy (Ph.D.) 2017** of the Vidyapeeth, be approved with certain modifications with effect from the Academic Year 2017-18.

**The Final Regulations for the Degree of Doctor of Philosophy (Ph.D.) 2017** are enclosed as **Annexure – VIII**.

**Item No. BM-22-17:** To consider courses to be offered under **MOOCS** (Massive Open Online Courses) and **SWAYAM** (Study Webs of Active-Learning for Young Aspiring Minds) for all constituent colleges / Institutes.

[A presentation on MOOCs and SWAYAM courses was made by the Director (Academic) and informed to the members to choose certain courses that can be likely to be offered in respective departments as value added courses].

**Resolution No. BM-22-17:** After detail discussions it was resolved that each faculty members should study the contents of MOOCS and SWAYAM Courses and find out certain courses that may be offered in their respective subject / department as value added courses. After choosing the subject, discuss it in departmental committee meetings, college council meetings and respective Board of Studies & Faculties' meetings.

**Item No. BM-23-17:** To consider and approve the Hospital Infection Control (HIC) Policy Manual for new hospital.

**Resolution No. BM-23-17:** It was resolved that the HIC (Hospital Infection Control) Policy Manual for new hospital, prepared by the consultant Microbiologist and ratified by Dean & Superintendent of Medical College, be approved. The HIC policy manual is enclosed as **Annexure - IX**

*Rm*



**Item No. BM-24-17:** To consider and approve the Memorandum of Association (MOA) and Rules of the Vidyapeeth modified as per UGC Regulations, 2016.

[Note: It was resolved in the Meeting of Board of Management held on 22<sup>nd</sup> September, 2016 that, UGC (Deemed to be Universities) Regulations, 2016 be accepted and the Memorandum of Association (MOA) and Rules of the Vidyapeeth be modified as per UGC Regulations, 2016. Accordingly, MoA & Rules are modified].

**Resolution No. BM-24-17:** It was resolved that the Memorandum of Association (MOA) and Rules of the Vidyapeeth, modified as per the UGC Regulations, 2016, be approved.

**The MoA and Rules of the Vidyapeeth are enclosed as Annexure – X.**

The meeting ended with vote of thanks to the chair.



**(Dr. A. N. Suryakar)**  
**Registrar**



**(P. N. Razdan)**  
**Chairman**

Place: Pune

Date: 29<sup>th</sup> July, 2017