

**Minutes of the 69<sup>th</sup> Meeting of the Executive Council  
held on Wednesday, 26<sup>th</sup> June, 2024 at 11.30 a.m.  
in the Board Room of the Vidyapeeth**

**The following members were present:**

<b>Sr. No.</b>	<b>Name of the Member</b>	<b>Designation</b>
1	Dr. N. J. Pawar	Chairman
2	Dr. Prashant V. Sathe	Member
3	Dr. B. Satheesh Kumar Bhandary	Member
4	Dr. Kuldip Raj Kohli	Member
5	Dr. J. S. Bhawalkar	Member
6	Dr. D. B. Sharma	Member
7	Dr. Minal Wani	Member
8	Dr. Santoshkumar Mastud	Member
9	Dr. Abha Khisty	Member
10	Dr. A. N. Suryakar	Invitee
11	Shri. Chandrashekhar Ingle	Invitee
12	C. A. Rajendra Chandak	Invitee
13	Dr. Sachin Sarode	Invitee
14	Dr. Narendra M. Kadu	Secretary

Leave of absence was granted to Dr. Somnath P. Patil, Dr. Yashraj P. Patil, and Dr. (Mrs.) Smita Jadhav who had conveyed their inability to attend the meeting due to their preoccupations.

Dr. N. J. Pawar, Vice Chancellor, welcomed all members of the Executive Council. He also introduced and felicitated the new member, Dr. Prashant V. Sathe, whom the UGC Chairman has nominated as a "Nominee of the UGC". He also thanked Dr. N. K. Chaddha, the previous MHRD nominee, for his significant contributions to the Vidyapeeth's growth and development throughout his tenure. Following that, the business of the meeting was taken up.

**Item No. EC-16-24: To confirm the minutes of the last meeting of the Executive Council held on 22<sup>nd</sup> March, 2024.**

**Resolution No. EC-16-24: It was resolved that the minutes of the last meeting of the Executive Council held on 22<sup>nd</sup> March, 2024, be confirmed.**

**Item No. EC-17-24: To consider the report on the 'Actions Taken' by the Vidyapeeth office on the resolutions of the Executive Council.**

**Resolution No. EC-17-24: It was resolved that the 'Action Taken Report' on the resolutions of the last meeting of the Executive Council, be noted.**



**Item No. EC-18-24:** To inform the house about the major developments in the Vidyapeeth and its Constituent Colleges / Institutes, since its last meeting.

**Resolution No. EC-18-24:** It was resolved that the major developments in the Vidyapeeth and its Constituent Colleges / Institutes, be noted. It was unanimously resolved to congratulate Dr. (Mrs.) Bhagyashree P. Patil, Hon'ble Pro-Chancellor of the Vidyapeeth for receiving "Rajiv Gandhi Krushi Ratna Award" from the Government of India on 29<sup>th</sup> May, 2024 for her noteworthy efforts in agriculture to recognize excellence in agriculture and allied sectors and remarkable work in fruit cultivation.

**Item No. EC-19-24:** To consider recommendations made by the Academic Council at its meeting held on 14<sup>th</sup> June, 2024 related to the Faculty of Medicine.

The following items were discussed in the meetings of the Boards of Studies in Pre-Clinical Subjects, Para-Clinical Subjects, Medicine Subjects, and Surgery Subjects, Faculty of Medicine, and Academic Council at its meetings held on 15<sup>th</sup> May, 2024, 10<sup>th</sup> May, 2024, 26<sup>th</sup> April, 2024, 30<sup>th</sup> April, 2024, 7<sup>th</sup> June, 2024 and 14<sup>th</sup> June, 2024, respectively. The recommendations of the Academic Council were placed before the Executive Council for its approval.

**The Executive Council approved as follows:**

**Item No. EC-19 (i)-24:** To consider and implement Guidelines for Under Graduate Medical Education Regulations, 2023 dated 1<sup>st</sup> August, 2023 issued by the National Medical Commission and to approve the new CBME curriculum 2023.

**Resolution No. EC-19 (i)-24:** After discussion, it was resolved that the Competency-Based Medical Education Curriculum (CBME) Regulations, 2023, issued by the National Medical Commission vide its letter No. U.14021/8/2023-UGMEB dated 1<sup>st</sup> August, 2023, Under Graduate Medical Education Board, National Medical Commission, Public Notice dated 6<sup>th</sup> February, 2024 & their corrigendum dated 9<sup>th</sup> February, 2024 and further amendments/corrigendum issued from time to time, be made applicable to the MBBS programme from Academic Year 2023-24 onwards. Further, these guidelines are applicable to every student of every batch admitted to MBBS course since 2019, presently pursuing MBBS course in a medical college, which is under the jurisdiction of NMC.

Accordingly, CBME Regulations 2023 be made applicable for the 1<sup>st</sup> Professional MBBS, 2<sup>nd</sup> Professional MBBS, 3<sup>rd</sup> Professional MBBS Part – I and 3<sup>rd</sup> Professional MBBS Part – II, Training period and time distribution, AETCOM Competencies, Distribution of subject-wise Teaching hours, Formative Assessment, Internal Assessment and University Examination Pattern (Theory and Practical), Marks distribution and passing criteria for University Annual Examinations, etc. be approved.

These changes are 40%, therefore, it be considered as major revision in the curriculum of MBBS Programme. Further, it was resolved that this 40% revised syllabus be made applicable for the batch of students admitted from the Academic Year 2023-24, be approved.



• **Major Changes are as follows:**

**1. The change in teaching hours.**

- Addition or subtraction of clinical postings in each professional year (but the overall increase in the clinical postings)
- Restriction of didactic lectures upto 40%. More hours allotted to self-directed learning and small group learning previously called SGT (small group teaching)

**2. Teaching -learning methods**

- Reduced number of lectures
- SDL in the form of Seminars, museum visits, library visits, field visits, and research activities.
- SGT hours increased.

**3. Integration:**

More focus on horizontal and vertical integration. Total integration about 25%

Integration is done with more departments than before.

**4. AETCOM:** totally new competencies defined for each subject.

**5. ASSESSMENT:**

- Each professional year, where the subject is taught, at least one Part completion test (PCT) is to be taken. Two PCTs (100 marks) and one preliminary exam (like the university exam) are to be taken before the final University exam. This is the formative assessment.
- The new concept of continuous internal assessment was introduced.
  - For the theory part of continuous internal assessment marks will be allotted for home assignments, continuous class tests (to be uploaded on LMS), SDL sessions, and attendance. SDL sessions can be visits to the museum, library, research, seminars, etc.
  - For the practical part of continuous internal assessment marks will be allotted for Journal, attendance, and Logbook.
  - Log book will have marks allotted for certifiable skill-based competencies, AETCOM competencies, SVL, and Lab activities.

**6. No grace marks are to be awarded to pass in exam.**

Consequent upon Under Graduate Medical Education Board, National Medical Commission, public notice dt. 06 Feb 2024 & their corrigendum dt. 09 Feb 2024, the following may be inserted:

Sr. No.	Pre-Revision	Post-Revision	Major changes
1	Nil	<p>Video Recording, not exceeding sixty minutes for each subject, of the annual Examinations of every phase of MBBS, will be conducted. It will cover each and every process of the examination.</p> <p>Standard Assessment Form- C of Under Graduate Medical Education Board, National Medical Commission, will be completed by the senior most examiner, who will be considered as the Chairman cum Assessor of the examination.</p> <p>The video recording &amp; completed Standard Assessment Form- C shall be furnished through electronic link such as Google, Share point etc. to National Medical Commission on designated e-mail ug.exam@nmc.org.in immediately after the completion of the Examination.</p>	New insertion





(i) Pre-Clinical Subjects -	(1) Anatomy	(2) Physiology	(3) Biochemistry
(ii) Para-Clinical Subjects -	(1) Pharmacology	(2) Pathology	(3) Microbiology
(iii) Medicine Subjects –	(1) General Medicine	(2) Forensic Medicine & Toxicology	
	3) Community Medicine	(4) Paediatrics	
(iv) Surgery Subjects –	(1) Obstetrics & Gynaecology	(2) Surgery	(3) Ophthalmology
	(4) ENT	(5) Orthopaedics	

The details of Board-wise Pre-revision and Post-revision in the above subjects are enclosed separately as **Annexure - I**.

**Item No. EC-19 (ii)-24:** To consider and approve the amendment in **PG syllabus** and examination pattern as per **Post Graduate Medical Education Regulations 2023** or **PGMER-23** issued by NMC dated **29<sup>th</sup> December, 2023** issued by the National Medical Commission and to approve the new **CBME curriculum 2023**.

**Resolution No. EC-19 (ii)-24:** It was resolved that the **Post Graduate Medical Education Regulations, 2023** or “**PGMER-23**” issued by the National Medical Commission dated **29<sup>th</sup> December 2023** and its amendments/corrigendum issued from time to time be made applicable to the PG Programmes from **Academic Year 2023-24** onwards.

Accordingly, **PGMER-23** be made applicable for the PG Programmes and Training period and time distribution, **AETCOM Competencies**, **Distribution of subject-wise Teaching hours**, **Formative Assessment**, **Internal Assessment** and **University Examination Pattern (Theory and Practical)**, **Marks distribution** and **passing criteria for University Annual Examinations**, etc. be approved.

These changes are **50%**, therefore, it be considered as **major revision** in the curriculum of PG Programme. Further, it was resolved that this **50% revised syllabus** be made applicable for the batch of students admitted from the **Academic Year 2023-24**, be approved.

### **PGMER -2023**

These Regulations will be called the “**Post-Graduate Medical Education Regulations, 2023**” or “**PGMER-23**” in its abbreviated form.

**Commencement – “These Regulations shall come into force from the date of their publication in the official gazette.”**

### **CHAPTER V - TRAINING, ETC.**

#### **(xii) Course in Ethics:**

- All post-graduate students shall complete a course in ethics including **Good Clinical Practices** and **Good Laboratory Practices**, whichever is relevant to them, to be conducted by institutions / Universities.
- The students are expected to complete the course in the first year.
- No post-graduate student shall be permitted to appear in the examination without the above certification.

#### **(xiii) Course in Cardiac Life Support Skills**

- All post-graduate students shall complete a course in **Basic Cardiac Life Support (BCLS)** and **Advanced Cardiac Life Support (ACLS)** skills to be conducted by the institution.



2. The students are expected to complete the course in the first year.
3. No post-graduate student shall be permitted to appear in the examination without the above certification.

**“The students are expected to complete these courses in the first year:**

- **Course in Ethics**
- **Course in Cardiac Life Support Skills**

➤ **No post-graduate student shall be permitted to appear in the examination without the above certifications.”**

- (xiv) **Others** - Institutions may arrange training in any other courses like awareness in medical audit, medical law, exposure to human behavior studies, finance, accounts, etc, which are beneficial to the post-graduate students.

## **CHAPTER 8: EXAMINATIONS**

### **8.2 Examiners:**

- a. The examiner (both internal and external) for the post-graduate examination in Broad and Super Specialties shall have three years' experience as recognised Post-graduate Guide in the concerned subject.
- b. The minimum number of examiners for post-graduate examination shall be four. Out of which, at least two shall be external examiners and least one of them **shall be from a different university outside the state.**
- c. An examiner shall not be appointed for more than two consecutive regular examinations for the same institution.

### **8.3 Methodology**

**A. Broad Specialties: Doctor of Medicine (M.D.)/Master of Surgery (M.S.):** M.D./M.S. examinations, in any subject shall consist of theory papers, and clinical/practical and viva voce examinations.

**B. Theory:** The theory examination (both formative and summative) may be of descriptive answer of a question type, Multiple Choice Question (MCQ) type or mix of both types. Theory examination for summative examination shall be of four theory papers. The first and the fourth paper shall be on basic medical science and recent advances, respectively.

The theory examination shall be held well in advance before the clinical and practical examination.

#### **b. Clinical/Practical and viva voce**

- i. Clinical examination for the subjects in clinical sciences shall be conducted to test the knowledge and competence of the candidates for undertaking independent work as a consultant/specialist/teacher, for which candidates shall be examined for one long case and two short cases.
- ii. Practical examination for other subjects shall be conducted to test the knowledge and competence of the candidates for making valid and relevant observations based on the experimental/laboratory studies and his ability to perform such studies as are relevant to his subject.
- iii. The viva voce examination shall be thorough and shall aim at assessing the candidate's knowledge and competence about the subject, investigative procedures, therapeutic technique and other aspects of the Speciality.
- iv. Clinical/practical examination shall include Objective Structured Clinical Examination (OSCE).

**“The first and the fourth paper shall be on basic medical science and recent advances, respectively.”**

**“Clinical/practical examination shall include OSCE.”**



#### 8.4 Valuation:

- All the teachers of the other colleges of the concerned University or other Universities, who are eligible to be post-graduate examiners, can perform the valuation of the answerscripts.
- All the answer scripts shall be subjected for two valuations by the concerned University. The average of the total marks awarded by the two valuers for the paper, which is rounded off to the nearest integer (whole number), shall be considered for the computation of the results. All the answer scripts, where the difference between two valuations is 15% and more of the total marks prescribed for the paper, shall be subjected to third valuation. **The average of the best two total marks, awarded by the three evaluators for the paper, rounded off to the nearest integer (whole number), shall be considered for the final computation of the results.**
- After the computation and declaration of the results, under no circumstances, revaluation is permitted.
- All the Health Universities/Institutions imparting post-graduate courses shall implement digital valuation.

#### CRITERIA FOR EVALUATION OF M.S./M.D./M.Ch./DM COURSES

S. No.	Description	M.S./M.D./M.Ch./DM Courses
1	<b>Theory</b>	
	No. of Theory Papers	4
	Marks for each Theory Paper	100
	Total marks for Theory Paper	400
	Passing Minimum for Theory	200/400 (40% minimum in each paper)
2	<b>Practical/clinical</b>	300
3	<b>Viva Voce</b>	100
	Passing minimum for Practical/Clinical including Viva voce	200/400
<b>The candidate shall secure not less than 50% marks in each head of passing which shall include.</b>		
(1) Theory – aggregate 50% (In addition, in each Theory paper a candidate has to secure minimum of 40%)		
(2) Practical/Clinical and Viva voce - aggregate 50%		
(3) If any candidate fails even under one head, he/she has to re-appear for both Theory and Practical/Clinical and Viva voce examination.		
<b>(4) Five percent of mark of total marks of Clinical/Practical and Viva Voce marks (20 marks) will be of dissertation/thesis and it will be part of clinical/practical examination marks. External examiners outside the state will evaluate the dissertation/ thesis and take viva voce on it and marks will be given on the quality of the dissertation/thesis and performance on its viva voce.</b>		
(5) No grace mark is permitted in post-graduate examination either for theory or for practical.		

“5% (20/400 marks) will be of dissertation/thesis. External examiner outside the state will evaluate the dissertation/thesis and take viva voce on it, and marks will be given on the quality of dissertation/thesis and performance on its viva voce.”





<b>(i) Pre-Clinical Subjects -</b>	(1) M.D. in Anatomy (3) M.D. in Biochemistry	(2) M.D. in Physiology
<b>(ii) Para-Clinical Subjects -</b>	(1) M.D. in Pharmacology (3) M.D. in Microbiology	(2) M.D. in Pathology
<b>(iii) Medicine Subjects -</b>	(1) M. D. General Medicine (3) M. D. Paediatrics (5) M. D. Dermatology (7) M. D. Emergency Medicine	(2) M. D. Community Medicine (4) M. D. Psychiatry (6) M.D. Respiratory Medicine
<b>(iv) Surgery Subjects -</b>	(1) M.S. Obstetrics & Gynaecology (3) M.S. Oto-Rhino-laryngology (5) M.S. Anesthesiology	(2) M.S. General Surgery (4) M.S. Ophthalmology

The details of Board-wise Pre-revision and Post-revision in the above respective subjects are enclosed separately as **Annexure – II**.

**Item No. EC-19 (iii)-24:** To consider and approve revision in the Practical Examination Pattern for Super-Specialty Programmes.

**Resolution No. EC-19 (iii)-24:** It was resolved that revision in the Practical Examination Pattern for Super-Specialty Programmes be approved from the Academic Year 2024-25.

**Existing Pattern: Total Marks: 400**

Sr. No	Existing
1.	<b>Clinical Examination- Cases</b> One long case and two short cases Long case will carry 100 marks short cases (50 marks each) 100 marks
2.	<b>Viva –</b> 100 Marks
3.	<b>Spots –</b> 100 marks

Objective structured clinical examination (OSCE) has been included as part of the Practical examination. **Accordingly, the marks for Practical Examinations approved changes (by the Executive Council) are as follows:**

❖ **Medicine Board:**

Sr. No.	Programme	Long Case (marks)	Short Cases (Total marks)	Table Viva (Total marks)	Viva Voce / Spotters / Ward Round / Communication Skills (Total marks)	Thesis Viva (Marks) <i>Logbook may be examined</i>	OSCE
1.	D.M. Neurology	1, (100)	2, (100)	(80)	(60)	(20)	(40)
2.	D.M. Cardiology	1, (100)	2, (100)	(50)	(80)	(20)	(50)
3.	D.M. Nephrology	1, (120)	2, (120)	(60)	(60)	(20)	(20)
4.	D.M. Critical Care Medicine	1, (80)	2, (100)	(100)	(60)	(20)	(40)
5.	D.M. Medical Gastroenterology	3, (225)	2, Endo-scopy (50)	(25)	(40)	(20)	(40)

❖ **Surgery Board:**

Sr. No.	Subject	Long Case (marks)	Short Cases (Total marks)	Table Viva (Total marks)	Viva Voce / Spotters / Ward Round / Communication Skills (Total marks)	Thesis Viva (Marks) <i>Logbook may be examined</i>	OSCE
1.	M. Ch. Plastic Surgery	1, (80)	3, (120)	(100)	(60)	(20)	(20)
2.	M. Ch. Neurosurgery	1, (80)	2, (80)	(100)	(80)	(20)	(40)
3.	M. Ch. Surgical Oncology	1, (80)	3, (120)	(80)	(60)	(20)	(40)
4.	M. Ch. Urology	1, (80)	2, (80)	(100)	(80)	(20)	(40)
5.	M. Ch. Paediatric Surgery	1, (80)	3, (100)	(100)	(60)	(20)	(40)
6.	D. M. Interventional Radiology	1, (80)	2, (100)	(100)	(60)	(20)	(40)
7.	M. Ch. Cardiovascular & Thoracic Surgery (CVTS)	1, (80)	3, (100)	(100)	(60)	(20)	(40)

**NB: 1.** The above distribution of marks for practical examination has been prepared in consultation with concerned Heads of Depts.

**2.** The constitution and distribution of marks under the column 'Viva Voce/Spotters/ward Round / Communication Skills' is to be determined by Heads of respective Depts.

**Item No. EC-19 (iv)-24:** To consider the inclusion of the "Course in Ethics and "Course in Cardiac Life Support Skills" for all PG Students of all Boards (Pre, Para, Medicine and Surgery).

**Resolution No. EC-19 (iv)-24:** It was resolved that the "Course in Ethics" and "Course in Cardiac Life Support Skills" be included in Basic Cardiac Life Support (BCLS) and Advanced Cardiac Life Support (ACLS) skills, for all post-graduate students of all Boards (Pre-Clinical, Para, Medicine, and Surgery).

**Item No. EC-19 (v)-24:** To discuss the changes in the curriculum and assessment pattern of the following Medical M. Sc. Programmes.

**Resolution No. EC-19 (v)-24:** After discussions it was resolved that the changes in the curriculum and assessment of the following Medical M. Sc. Programmes, be approved.

**(i) Examination Pattern for M.Sc. Medical Biochemistry**

**(Recommended and approved by the Executive Council)**

❖ **Theory Examination:**

**Total marks: 400**

- The theory examination will consist of four question papers.  
**Paper I-** General Biochemistry and Instrumentation  
**Paper II-** Metabolism and Nutrition  
**Paper III-** Clinical Biochemistry  
**Paper IV-** Molecular Biology, Biotechnology, and Recent Advances in Clinical Biochemistry



• **All the papers will have the following format:**

Question 1. Long Answer Question (LAQ) – 25 marks

Question 2. Long Answer Question (LAQ) – 25 marks

Question 3. Short Answer Questions (5 out of 6) =50 marks

• **Marking system of theory examination:**

Paper	Marks
Paper - I	100
Paper - II	100
Paper - III	100
Paper - IV	100
<b>Total Marks</b>	<b>400</b>

❖ **Practical Examination:**

**Total marks: 400**

This will be held over two days.

**Q.A. Clinical Case :**

**150 marks**

i) Clinical case discussion (25 marks)

ii) Biochemical investigations (125 marks)

Q. B. Urine analysis :

25 marks

Q. C. Paper Chromatography /Electrophoresis:

50 marks

Q. D. Quality Control and its interpretation:

25 marks

Q. E. Standardization:

50 marks

**150 Marks**

**Q.F. Oral/Viva voce examination:**

**100 marks**

i) Dissertation Viva (20 marks)

ii) Microteaching (30 marks)

iii) Grand viva voce (50 marks)

**Passing criteria:** A minimum of 50 marks in theory in all papers taken together and 50% marks in practical shall be necessary for passing.

(ii) **Examination Pattern for M.Sc. Medical Physiology**  
**(Recommended and approved by the Executive Council)**

Sr. No.	<b>Pre-Revision</b>	<b>Post-Revision</b>	<b>Major Changes</b>
1.	The word 'Thesis' is mentioned in eight places, namely in paras 5.3.1, 5.3.4, 6.3.1, 7.1.1, 10, 10.1, 10.4.3 & 10.5	The word 'Thesis' may be replaced with the word 'Dissertation' in eight places, namely in paras 5.3.1, 5.3.4, 6.3.1, 7.1.1, 10, 10.1, 10.4.3 & 10.5	'Thesis' word is replaced with the word 'Dissertation'.
2.	Para 9.1.9: Biostatistics	Para 9.1.9: <b>Mahajan's Methods in Biostatistics</b> for Medical Students and Research Workers	Additional books have been recommended and minor additions have been done / carried out.
3.	Para 9.1.10: Medical education technology	Para 9.1.10: <b>Handbook on Medical Education:</b> A quick reference to Medical Educators to implement essential teaching and training skills in CBME by VK Swamy	

**Item No. EC-19 (vi)-24:** To consider and approve the change in M.Sc. Microbiology practical examination duration from 3 days to 2 days.

**Resolution No. EC-19 (vi)-24:** It was resolved that the change in M.Sc. Medical Microbiology practical examination duration from 3 days to 2 days. from the Academic Year 2024-25 in the Department of Microbiology, be approved.

Sr. No.	Competency	Pre- revision	Post-revision	Major changes
1.	Summative assessment Practical	Number of days in the practical examination: 03	Number of days in practical examination: 02	Total number of practical examination days are reduced by 1 day.

**Item No. EC-19 (vii)-24:** To consider and approve the inclusion of dissertation work for M.Sc. Microbiology Programme.

**Resolution No. EC-19 (vii)-24:** It was resolved that the inclusion of dissertation work for M.Sc. Microbiology Programme in the Department of Microbiology, be approved.

**Item No. EC-19 (viii)-24:** To consider and approve starting the “Certificate Course in Genetic Counselling” in the Department of Paediatrics.

**Resolution No. EC-19 (viii)-24:** It was resolved that the starting “Certificate Course in Genetic Counselling” from the Academic Year 2024-25 in the Department of Paediatrics, be approved.

The details of the course are as follows:

- **Name of the Department:** Paediatrics
- **Subject/Course Title:** Certificate Course in Genetic Counselling

<b>Background :</b>	Genetics is a very important subspecialty of Pediatrics and every branch of medicine. Molecular biology is advancing fast into each branch of medicine. Genetic Counseling is largely provided by General Medical professionals or specialists of other fields like Gynecologists, Pediatricians, Oncologists, etc., who are not trained in Human Genetics or Genetic Counseling. There is a great demand for Geneticists in clinical practice as well as in laboratory as there is growing sub specialization in each field of medicine. Only few centers in India who are offering Genetics training to postgraduates and doctors. An inter disciplinary approach is very much required for improving quality of patient management which can give new insight into therapy and management of genetic diseases. Certificate Course in Genetics & Genomics is unique course which will be useful for clinicians in diagnosis and management of patients with genetic disorders and for life science professionals to assist clinicians in genetic counseling as per PCPNDT rule.
<b>Course Objectives:</b>	The aim of the course is to provide an training to enable the candidates to diagnose and counsel genetic disorders in children. The objective of this course is to provide the necessary training and clinical exposure to the candidate so that he/she can develop and manage a genetic disorder, counsel the parents and prescribe appropriate genetic tests. The trainee will attend pediatric/genetic OPD& research and laboratory training and participate in the teaching programs in the department (case presentations, seminar, journal club,



	<p>radiology/nuclear medicine meetings and athology/mortality/research project presentation &amp; project will be completed</p> <ul style="list-style-type: none"> <li>• He/She will elicit medical history, developmental and reproductive history and family history, including drawing of detailed pedigree chart.</li> <li>• Conduct physical examination of affected and related individuals including fetal examination where required.</li> <li>• Record morphological features and anthropometry and documentation of the findings, including photographs, Identification of syndromes, enlist differential diagnosis</li> <li>• Plan consultations with relevant specialties and investigations, and pre-test counseling</li> <li>• Obtain the informed consent for procedures, Interpreting and explaining the results of genetic tests such as results of screening tests, chromosomal, biochemical and molecular diagnosis.</li> <li>• Determine the mode of inheritance and risk of occurrence and recurrence of the genetic condition/birth defect, and appropriate communication.</li> <li>• Explain the diagnosis, etiology, natural history, monitoring, and management of a genetic disorder and providing counselling for reproductive options including prenatal diagnosis and anticipatory guidance.</li> <li>• Provide general, supportive &amp; specific medical care to the affected individuals, including appropriate interventions where necessary, Providing psychosocial support.</li> <li>• Provide written documentation of medical, genetic and counselling information for families and other health professionals. Acquire knowledge of legal and ethical responsibilities and guidelines</li> </ul>
<b>Eligibility:</b>	MBBS/Postgraduate in medical subjects/ M.Sc. in Life sciences/ M.Tech. in Medical Biotechnology/M.Sc. Nursing from a recognized University, with minimum 50 % aggregate marks or equivalent.
<b>Total Credit Points:</b>	20 credits
<b>Number of days:</b>	180 days
<b>Duration of the programme:</b>	Six months
<b>Number of Batches:</b>	2
<b>Intake:</b>	4
<b>Learning pedagogies:</b>	<ol style="list-style-type: none"> <li><b>1. Clinical skills:</b> <ol style="list-style-type: none"> <li>a. Detailed history and examination of all Patients with genetic disorders</li> <li>b. Anthropometry assessment and interpretation based on age and gender-specific normative data.</li> <li>c. Nutritional Assessment</li> <li>d. Performing diagnostic &amp; therapeutic tests for genetic disorders.</li> <li>e. PICU management of genetic disorders</li> <li>f. He will also learn about recent treatments for genetic disorders paediatric.</li> </ol> </li> <li><b>2. Teaching Skills:</b> Competency to teach basics of genetic disorders to undergraduates/postgraduates and nurses training in inpatient management of disorders.</li> <li><b>3. Research Skills</b> The trainee will achieve competency in carrying out research studies, writing a paper (case reports/ original research/ review articles) and statistical analysis of data. During the training, the candidate must present at least 1 paper/poster, carry out a research project and publish at least 1 article.</li> <li><b>4. Counselling:</b> The trainee will observe counselling session in OPD and ward. He/she will also do counselling session on standardized patient.</li> <li><b>5. TEACHING METHODS:</b> <ol style="list-style-type: none"> <li>6. Paediatric OPDs – Every Tuesday</li> <li>7. Cytogenetics/molecular laboratory – Every Friday</li> <li>8. Bedside Teaching daily</li> <li>9. Teaching: <ol style="list-style-type: none"> <li>a. Case Discussion once a week</li> </ol> </li> </ol> </li> </ol>

	b. Seminar once in two weeks c. Journal club once in a month d. Project work discussion once a week e. Genetic laboratories work every week Teaching and learning 75 hours (5 CREDITS) Assignment/Seminar/ Group discussion/Tutorial 45 hours (3 credits) Practical/Demonstration/ Hands on Experience /Lab work 180 hours (6 credits) Field work/clinical work Research work 180 hours (6 credits)
<b>Certificate:</b>	Certificate Course in Genetic & Genomics
<b>Attendance:</b>	75%
<b>Timetable:</b>	OPD once a week 1 lecture in week Online discussion / Virtual discussion Practical in laboratory – contact session Research: Project work online/offline Report to course co-ordinator regularly

Examination methods / scheme, evaluation, attendance, total credits, declaration of result, etc. should be as per **SOP for Value Added / Certificate / Fellowship Programmes**, approved by the **Board of Management** at its meeting held on **30<sup>th</sup> December, 2020**.

• **Tentative Programme Schedule:**

<b>Name of the Course:</b>			
<b>Number of Sessions Hours /Day</b>	<b>2 hours /week</b>	<b>Number and Types of Evaluations Planned</b>	<b>MCQ/SAQ/Viva</b>
Total number of lecture hours	60 hours	50 marks for MCQs (25 questions each 2 marks) <b>50 marks for Theory</b>	Project presentation 50 Marks <b>50 Marks Practical</b>

• **Syllabus:**

<b>Sr. No.</b>	<b>Modules</b>
1.	<b>I) Basic Genetics:</b> i) Mendelian principles of inheritance, Polygenic/Quantitative inheritance, Mitochondrial inheritance and Non-traditional modes of inheritance such as anticipation, genomic imprinting, uniparental disomy etc.; their application to diagnosis and counseling of patients with genetic disorders. ii) Chromosome structure, morphology and nomenclature, as it relates to clinical disease (e.g. chromosomal syndromes and cancer, including micro-deletion syndromes and chromosomal breakage syndromes) iii) Principles and application of various cytogenetic techniques (e.g., banding, in-situ hybridization, etc.) in postnatal as well as in prenatal diagnosis, Chromosomal aberrations v) Basic biochemistry and its application to understanding of the pathophysiology and management of genetic disease especially inborn errors of metabolism
2.	vi) Laboratory investigations for diagnosis of inborn errors of metabolism (enzyme assays, electrophoresis, chromatography, HPLC, etc.) vii) Normal and abnormal gene structure and function, mutations viii) Principles and application of current molecular genetic techniques (e.g., cloning, RFLP analysis, Southern blotting, Dot blotting, PCR, etc). ix) Human Genome map and Human Genome sequence and its application to human health.
3.	<b>II) Clinical Genetics:</b> Chromosomal disorders, Monogenic disorders, Polygenic/ Multifactorial disorders, including congenital malformations, Mitochondrial disorders, Cancer (genetic aspects)



Sr. No.	Modules
	<p>Mental retardation/Developmental delay/Regression of milestones            Congenital malformations, dysmorphism, multiple malformation syndromes            Genetic hemolytic anemia, Genetic disorders of blood coagulation            Genetic neurological and muscle disorders, Disorders of male and female sexual differentiation and development, Short stature            Overgrowth syndromes, Genetic disorders of the eye and skin, Recurrent spontaneous abortions, stillbirths, and perinatal deaths            ii) Etiology and pathogenesis in dysmorphology            iii) Diagnosis of metabolic diseases: An approach to diagnosis of metabolic disease techniques and then more definitive biochemical parameters an enzyme assays, management and prognosis in metabolic disorders including information regarding therapeutic benefits of dietary management, use of vitamin factors, drugs and interventions such as bone marrow transplant.</p>
4.	<p>iii) Genetic counseling            v) Prenatal diagnosis:            vi) Population screening/community genetics            vii) familiarity with ethical, legal and social issues</p>
5.	iv) Laboratory Genetics Visit
6.	Cytogenetics: Observation

**Name of the experts/faculty:**

- Dr. Parag Tamhankar, MD DM (Medical Genetics)
- Dr. Pramila Menon, MD Ph.D
- Dr. Vineeta Pande, MD Pediatrics
- Dr. Shiji Chalipat, MD Pediatrics

➤ **References:**

- Emery and Rimoin's Principles and Practice of Medical Genetics 6th Edition By David Rimoin  
Reed Pyeritz Bruce Korf
- Practical Genetic Counselling 7th Edition 7th Edition by Peter Harper (Author)
- Diagnostic Dysmorphology Authors: Aase, J. M
- Smith's Recognizable Patterns of Human Malformation, 7th Edition by Kenneth Lyons Jones & Marilyn Crandall Jones & Miguel del Campo
- Mendelian Inheritance in Man 1st Edition by Victor A. McKusick  
 The Metabolic and Molecular Bases of Inherited Disease (Scriver, C. R., Beaudet, A. L., Sly, W. S., Valle, D., Childs, B., Kinzler, K. W., and Vogelstein, B., eds., 8th ed.

**Item No. EC-19 (ix)-24:** To consider and approve starting the “Fellowship in Paediatrics Nephrology” in the Department of Paediatrics.

**Resolution No. EC-19 (ix)-24:** After discussion, it was resolved that the starting of “Fellowship in Paediatrics Nephrology” in the Department of Paediatrics, from the Academic Year 2024-25, be approved.

**The details of the Fellowship programme are as follows:**



**1. Course Highlights**

1. Level of the programme – Fellowship in Paediatric Nephrology
2. Duration of programme – 1 year
3. Eligibility for the course - M.D. in Paediatrics / D.N.B. Paediatrics
4. Admission – Entrance Exam and Interview at Institute level.
5. Intake capacity - 01 student per year
6. Exam pattern - post-completion of the course
7. Course Co-Ordinator –
  - 1) Dr. Manoj Matnani, Consultant Pediatric Nephrologist
  - 2) Dr. Vivek Biradar, Senior Resident (Dept. of Nephrology)

**2. Program Goals**

Over the last 2 decades, with the vast increase in knowledge in medicine, various pediatric subspecialties have developed. Paediatric Nephrology has developed as an independent subspecialty in the last 30 years.

Common paediatric nephrology problems like Nephrotic syndrome, various types of acute glomerulonephritis's and multisystem diseases like SLE (Systemic Lupus Erythematosus) which involve the kidney need specialized training and skills to manage such patients. Also, children presenting with AKI (Acute Kidney Injury) need various forms of RRT (Renal Replacement Therapy), which demand clinical acumen and expertise. There are very few centres in India which provide training in Pediatric Nephrology. The aim of the fellowship is to provide exhaustive training to enable the candidates to diagnose and treat nephrology disorders in children appropriately.

The Pediatric Nephrology specialty clinic was established in the Department of Pediatrics in 2007 and since then, children with nephro-urology diseases have been managed effectively. The Pediatric Nephrology clinic has a good outpatient load with referrals from Pimpri Chinchwad, as well as peripheral areas nearby, thus providing enough exposure to the trainees.

The specialty clinic runs every Tuesday and Thursday with a patient load of approximately 20-25 patients per OPD as well as inpatients namely those presenting with AKI (Acute Kidney Injury). Pediatric Nephrology emergencies are well managed both in ER and paediatric intensive care unit. The Pediatric Nephrology specialty works in close tandem with the Paediatric Surgery team for management of children with complex CAKUT (Congenital Anomalies of Kidney & Urinary Tract), Pediatric Orthopedic team for correction of complex bone deformities and with the Neurosurgery team in perioperative management of various NTDs (Neural Tube Defects) like meningomyelocele etc. causing neurogenic bladder leading to CKD (chronic kidney disease).

**3. Objective**

The objective of this course is to provide the necessary training and clinical exposure to the candidate so that he/she can develop and manage a paediatric nephrology set up independently/ work as a consultant in paediatric nephrology.

**4. Course design:****General Principles:**

Each Fellowship student is required to possess a comprehensive knowledge of all the diseases of kidney and urinary tract presenting in childhood and develop the skills to do both diagnostic and therapeutic procedures. He/she should have personally performed a sufficient number of pediatric nephrology procedures such as Renal biopsy, Dialysis catheter insertions (HD/PD) etc. and be able to diagnose and treat pediatric nephrology problems. He/she should also possess sufficient knowledge and experience in research methodology and development and is expected to complete a research project during the tenure of his fellowship.



**Infrastructure:****Machines:**

- Hemodialysis machines for HD and plasmapheresis
- APD (Automated Peritoneal Dialysis) machines
- Portable USG scanners with Doppler for renal biopsy

**Supervision:**

Initially, the fellow will be fully supervised by the Faculty. In the course of training, the level of supervision will be tapered according to the experience and confidence gained.

**On-Call:**

We believe that attending to emergency and unscheduled cases outside duty hours is an essential part of training. The Fellow will be "Paediatric Nephrology on call" during the entire posting.

**Overview of training:**

Clinical knowledge will be acquired by a variety of means, including close liaison with appropriate pediatric medical, surgical and radiological meetings. Multidisciplinary meetings should be emphasized.

1. The trainee should be encouraged and given the opportunity to attend and lead appropriate clinico-pathologic, clinic-radiologic and multidisciplinary meetings.
2. The trainee should be encouraged to attend appropriate educational meetings and courses.
3. The trainee should participate in and initiate relevant clinical audits.
4. Trainees will be expected to be familiar with current pediatric nephrology literature.
5. The trainee should be encouraged to participate in research, and to pursue one or more projects up to and including publication. An understanding of the principles and techniques used in research, including the value of clinical trials and basic biostatistics, should be acquired. Presentation of research and audit results at state and national meetings would be encouraged.
6. The trainee should be able to read renal biopsies in conjunction with the renal histo-pathologist and be encouraged to take independent decisions on clinical scenarios.
7. The trainee should continue to participate in the on-call rota, with appropriate consultant back-up.
8. Acquisition of specific skills to enable:
  - Good communication with patients and professional colleagues
  - Accurate informed consent to be obtained
  - Appropriate decisions about terminating the procedure for technical reasons or grounds of safety / comfort to the patient.
9. A clear understanding of the role of multidisciplinary meetings, including:
  - Planning of investigations including the selection of appropriate tests and imaging techniques for a clinical problem
  - Planning and outcomes of treatment
  - Promoting an understanding of relevant renal pathology
10. Procedural competence will need to be reviewed at intervals, and this regular review should also assess the number of cases required in order to ensure competence.
11. The trainee should be aware of local and national guidelines on consent and be capable of obtaining informed patient consent for practical procedures.

**Procedures in Paediatric Nephrology**

Peritoneal dialysis.

Hemodialysis.

Hemofiltration.

Renal biopsies.



Setting up CAPD catheters.

CAVH and CVVH.

Plasmapheresis.

Renal transplants

Trainees should acquire experience in the practical procedures listed above, and the number of cases undertaken should be recorded in their logbook.

Regardless of the technique, the consultant trainer must be satisfied that the trainee is clinically competent, as determined by an in-training performance assessment, and can consistently interpret the results of investigations accurately and reliably and can safely perform them.

**The academic activities of the program in the hospital would include: -**

Regular academic sessions

Case discussion and seminars

Paper presentation

Audit, Project, Research

Conferences / CMEs / Live workshops

## **COMPETENCIES TO BE ACHIEVED DURING TRAINING**

### **I. Clinical skills:**

1. Good familiarity and adequate skills in performing nephrology procedures.
2. Able to write dialysis (HD/PD) prescriptions and deal with regular complications seen on dialysis
3. Able to set up plasmapheresis and other extra-corporeal therapies.
4. Able to manage patients on long term dialysis (CAPD/CCPD/MHD)
5. Work up for renal transplantation.
6. Active involvement in the intra and inter-departmental discussions
7. On call for PICU referrals
8. Independent skills in diagnostic and therapeutic pediatric nephrology procedures

### **II. Teaching Skills:**

Competency to teach basics of pediatric nephrology to undergraduates/postgraduates and nurses training in inpatient management of various disorders.

### **III. Research Skills:**

The trainee will achieve competency in carrying out research studies, writing a paper (case reports /original research/review articles) and statistical analysis of data. During the training, the candidate must present at least 1 paper/poster, carry out a research project and publish at least 1 article.

## **5. Teaching Methods:**

I. Pediatric Nephrology OPDs – Every Tuesday and Thursday

II. Bedside Teaching daily

III. Teaching:

1. Case Discussion twice a week

2. Seminar once a week

3. Journal club once a week

4. Project work discussion once a week

5. Interpretation of lab reports once a week

Teaching and learning - 150 hours (10 CREDIT POINTS)

Assignment/Seminar/

Group discussion/Tutorial - 90 hours (6 credits)



Practical/Demonstration/

Hands on Experience /Lab work - 360 hours (12 credits)

Field work/clinical work

Research work - 360 hours (12 credits)

**Total Credits (40 credits)**

Examination methods / scheme, evaluation, attendance, total credits, declaration of result, etc. should be as per **SOP for Value Added / Certificate / Fellowship Programmes**, approved by the **Board of Management** at its meeting held on **30<sup>th</sup> December, 2020**.

## **6. SYLLABUS**

### **Pediatric Nephrology Curriculum**

#### **Broad Outline**

1. Basic Nephrology Anatomy, Ultrastructure of the kidney, Physiology, Development of the kidney
2. Clinical nephrology Proteinuria, Hematuria, Oliguria, Polyuria, Edema, Failure to thrive, Rickets, Voiding disturbances, Hypertension.
3. Investigations in renal diseases  
Laboratory Methodology and interpretation of Urinalysis, Urine Biochemistry, Urine culture, Blood Urea, Creatinine, Electrolytes, Blood gases, osmolality  
Assessment of GFR, Assessment of concentrating capacity, Assessment of diluting capacity, Evaluation of acidification, Tubular reabsorption  
Histopathology Light microscopy, Immune fluorescence, Electron microscopy  
Imaging USG, Conventional Radiology, Angiography, Nuclear medicine, CT, MRI, Urodynamics.
4. **Diseases of the Kidney:**  
Developmental disorders CAKUT, Agenesis, Hypoplasia, Dysplasia, Dysgenesis, Associated syndromes Inherited disorders Alport's, Congenital NS, Nephronophthisis, Polycystic kidney disease, other cystic disorders.  
Urological disorders Posterior urethral valves, Pelvi-ureteric junction obstruction, vesicoureteric reflux, Prune Belly, Tumors, Phimosis, Stones, Nocturnal enuresis, Daytime wetting, Bladder dysfunction, Neurogenic Bladder.

Glomerular diseases Nephritis, AGN, RPGN, Nephrotic syndrome, congenital NS

Systemic diseases SLE, HSP, PAN, vasculitis, Diabetes, Amyloid, Infections HIV, HBsAg, HCV

Tubular disorders Renal tubular acidosis, Bartter's syndrome and related disorders, Nephrogenic diabetes insipidus, Rarer tubular disorders. Tubular transporters, genetics.

Interstitial diseases UTI, Interstitial nephritis

Vascular Renal vein thrombosis, Renal artery stenosis, Aortoarteritis, HUS and other TMAs, Vasculitis

### **5. Perinatal Nephrology**

Oligohydramnios, Polyhydramnios, Assessment of fetal renal function, Antenatally detected renal malformations, Neonatal renal functions, Fluid and electrolyte balance in extreme preterms, AKI in newborn, hypertension in newborn, effect of drugs on the immature kidney, common urological problems of the newborn, fetal intervention.



**6. Fluid Electrolytes Acid base disturbances.**

Sodium, Potassium, Calcium, Phosphorous, Magnesium, Interpretation of blood gases.

7. Hypertension Definition, staging, causes, evaluation, primary, secondary, obesity associated, renovascular, monogenic, non-pharmacological therapy, drug therapy.

8. Acute Kidney Injury Definition Epidemiology, Causes, Classification, Pathogenesis, Biomarkers, Recognition, Evaluation, Management

9. Chronic Kidney Disease Epidemiology, Causes, Pathophysiology, Progression, Prevention, Conservative management, Anemia Evaluation, Iron therapy, Erythropoietin. CKD-MBD Classification Pathogenesis, Phosphate binders, Vit D analogues PTH monitoring, Bone biopsy. Growth failure Nutrition, metabolic, hormonal factors Growth hormone therapy.

**10. Dialysis**

Acute Dialysis PD, HD, CRRT, SLED Chronic dialysis,

**CAPD:** Physiology, Procedure, Catheters, Prescription, Monitoring, PET, Dialysis adequacy, UF failure, complications HD Physiology, vascular access, Dialyzer membranes, Assembly, Water treatment, Prescription, Complications, Adequacy.

11. Transplantation Immunology, HLA Testing and interpretation, Clinical transplantation, Indications, Contraindications, Evaluation of recipient, Preparation of recipient, Evaluation of donor, Procedure, Perioperative care, Immunosuppressive protocols, Fluid electrolyte management, Complications, rejection, infections

12. Drugs PK/PD, Drug distribution, Elimination, Dosage adjustment, Immunosuppressive drugs Diuretics, Antihypertensives, Antilipidemics, Phosphate binders, Vit D analogues, Erythropoietin, Growth Hormone

13. Procedures Renal Biopsy, PD, CAPD, HD, Plasma exchange

14. Genetics in nephrology

15. Guidelines IAP/ISPN guidelines, KDOQI, KDIGO

16. Statistics and Research Methodology

**7. Certificate:**

To be provided at the end of the Programme. It will mention the successful completion of the Programme and will be signed by the Programme Co-Ordinator, HOD, Dean, and Registrar of the Vidyapeeth.

**8. Faculty**

Faculty Name	Designation	Experience
1. Dr. Manoj Matnani (MD, RCPCF Fellow-Ped Neph, London UK, FIPNA)	Consultant Pediatric Nephrologist	17 years

**9. References:****Recommended Reading**

1. Textbook of Pediatric Nephrology, IPNA Seventh edition, E Avner, W Harmon, P Niaudet, N Yoshikawa.
2. Comprehensive Pediatric Nephrology, First Edition. D Geary, F Schafer.
3. Pediatric Nephrology: RN Srivastva, A Bagga.
4. Manual of Pediatric Nephrology: KD Phadke, P Goodyer, M Britzan
5. Principles and Practice of Pediatric Nephrology: Vijayakumar, Nammalwar
6. IAP Textbook of Pediatric Nephrology



### 10. Journals:

1. Pediatric Nephrology Journal (PN) – Journal of the International Pediatric Nephrology Association.
2. Asian Journal of Pediatric Nephrology – Journal of Asian Society of Pediatric Nephrology
3. Kidney International (KI) – Journal of the ISN (International Society of Nephrology).

**Item No. EC-19 (x)-24:** To consider and approve **starting the “Fellowship in Pediatric Critical Care”** in the Department of Paediatrics.

**Resolution No. EC-19 (x)-24:** After discussion, it was resolved that the starting of **“Fellowship in Pediatric Critical Care”** in the Department of Paediatrics, from the Academic Year 2024-25, be approved.

- **Name of the Department:** Paediatrics
- **Subject/Course Title:** Fellowship in Paediatric Critical Care
- **Eligibility-** M.D. in Paediatrics / D.N.B. Paediatrics
- **Duration-** 1 Year
- **No. of Fellows / year –** 1 seat / year

<b>Background:</b>	Over the last 2 decades, with the vast increase in knowledge in medicine, various pediatric subspecialties have developed. The field of Pediatric Intensive Care is rapidly growing in India. The number of intensive care units providing care to infants and children is also progressing at a rapid pace. The goal of postgraduate education for the award Fellowship in Pediatric ICU is to bring out competent pediatric Intensivists who shall recognize the health needs of the critically ill children and carry out professional obligations ethically to fulfil the objectives of national health policy.
<b>Course Objectives:</b>	<ul style="list-style-type: none"> <li>• The aim of the fellowship is to provide exhaustive training to enable the candidates to diagnose and treat critically ill kids appropriately. The objective of this course is to provide the necessary training and clinical exposure to the candidate so that he/she can develop and manage PICU set up independently/ work as a consultant in pediatric Intensivist.</li> <li>• He/she will complete at least one paper acceptable for publication in a peer reviewed journal and participate in the teaching programs in the department (case presentations, seminars, journal club, radiology/nuclear medicine meetings and pathology/mortality/research project presentation/combined adult gastroenterology meeting).</li> <li>• He/she will be responsible for caring for all PICU patients and emergency patients as well as interdepartmental consultations and emergencies. He will also learn diagnostic &amp; therapeutic procedures.</li> </ul>
<b>Total Credit Points:</b>	40
<b>Intake:</b>	1 per year
<b>Learning pedagogies:</b>	<b>1. Clinical skills:</b> <ol style="list-style-type: none"> <li>a. Basic training in Pediatric Emergencies and Intensive care</li> <li>b. Clinical skills in procedures, understanding equipment's, monitoring and resuscitation.</li> <li>c. Mechanical ventilation</li> <li>d. Allied posting in NNICU, Pediatric surgery and anaesthesia- 1 month</li> <li>e. Research programs, teaching skills</li> <li>f. Designing a PICU: replica creation</li> </ol>

	<p><b>2. Teaching Skills:</b> Competency to teach basics of pediatric PICU to undergraduates/postgraduates and nurses training in inpatient management of disorders.</p> <ul style="list-style-type: none"><li>• <b>Clinical Core competency skills:</b> development and assessment</li><li>• Research</li><li>• Organizing a CME</li><li>• Representation in conferences</li><li>• Writing a paper and basics of statistics</li><li>• Staying in touch and staying updated: Virtual PICU</li><li>• Designing a PICU: replica creation</li><li>• Understanding a need for PICU at periphery</li><li>• Point of Care PICU</li><li>• PICU designing: budget , management and maintenance</li><li>• Implementing a PICU protocol and a teaching program</li></ul> <p><b>3. Research Skills:</b> The trainee will achieve competency in carrying out research studies, writing a paper (case reports/ original research/ review articles) and statistical analysis of data. During the training, the candidate must present at least 1 paper/poster, and publish at least 1 article.</p> <p><b>4. TEACHING METHODS:</b> Daily teaching clinical rounds. Bedside clinics and discussions. Monthly critical care audit meets, Monthly Success cases discussions Discussions on mortality data Monthly Monthly statistics of the unit Equipment maintenance, Antimicrobial and infection control policies Journal reading and advances in therapeutics. Case presentations: twice a week Hands on supervision of procedures</p> <p><b>5. Teaching:</b></p> <ul style="list-style-type: none"><li>a. Case Discussion once in two week</li><li>b. Seminar once in two week</li><li>c. Journal club once in a month</li><li>d. Project work discussion once a Month</li></ul> <table><tr><td><b>Teaching and learning</b></td><td><b>80 hour</b></td><td><b>(8 CREDITS)</b></td></tr><tr><td><b>Assignment/Seminar/ Group discussion/Tutorial</b></td><td><b>45 hours</b></td><td><b>(7 credits)</b></td></tr><tr><td><b>Practical/Demonstration/ Hands on Experience /Lab work</b></td><td><b>200 hours</b></td><td><b>(15 credits)</b></td></tr><tr><td><b>Research work</b></td><td><b>30 hours</b></td><td><b>(10credits)</b></td></tr></table>	<b>Teaching and learning</b>	<b>80 hour</b>	<b>(8 CREDITS)</b>	<b>Assignment/Seminar/ Group discussion/Tutorial</b>	<b>45 hours</b>	<b>(7 credits)</b>	<b>Practical/Demonstration/ Hands on Experience /Lab work</b>	<b>200 hours</b>	<b>(15 credits)</b>	<b>Research work</b>	<b>30 hours</b>	<b>(10credits)</b>
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<b>Research work</b>	<b>30 hours</b>	<b>(10credits)</b>											
<b>Certificate:</b>	<ul style="list-style-type: none"><li>• Fellowship in Pediatric Critical Care</li></ul>												
<b>Attendance:</b>	80%												
<b>KEY ACCOUNTABILITIES &amp; expectation</b>	<p>The Fellow should report to the Department Director and will be supervised by Dr Manojkumar Patil with respect to general operational and clinical issues of the Fellowship.</p> <p>Specific duties of the Fellow</p>												



	<p><b>Daily responsibilities:</b>  PICU duty for 12 hrs. per day &amp; as NEEDED, WEEKLY ONE OFF,  PICU rounds – reviewing new admissions, potential discharges and inpatient consultations.  Supervise admissions of emergency, AND INFORMING TO INCHARGE  TWICE DAILY AND AS PER NEED  Take phone calls from the emergency department, other units, patients and other hospitals.</p> <p><b>Other Responsibilities:</b>  PRESENTATION OF MORTALITY MEET ONCE A MONTH  WEEKLY ONE CASE, PRESENTATION AND JOURNAL CLUB.  TEACHING PGs, STAFFS, BLS, PALS, ADVANCE PALS  The Fellow is encouraged to undertake a clinical research project, which may take up one day per week. This time may also be used for private study or attending training opportunities outside the department or hospital.</p>
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Examination methods / scheme, evaluation, attendance, total credits, declaration of result, etc. should be as per **SOP for Value Added / Certificate / Fellowship Programmes**, approved by the **Board of Management** at its meeting held on **30<sup>th</sup> December, 2020**.

• **Tentative Program Schedule:**

<b>Name of the Course: Fellowship in Pediatric Critical Care</b>			
Number of Sessions Hours/Day	1 hour/ day	Number and types of Evaluations Planned	MCQ/OSCE/Viva
Total number of lecture hours	80 hours	Theory & Practical Project Presentation	MCQ/OSCE//VIVA

**Syllabus:**

- Basic training in Paediatric emergencies and intensive care:
- Emergency and critical Pediatrics: Scope and need.
- Paediatric emergency resuscitation and Paediatric advanced life support, and
- lifesaving procedures
- Common Paediatric emergencies Sepsis and Hospital acquired infections Convulsion and Status epilepticus Respiratory distress Cardiac emergencies including arrhythmias, CCF Tetanus Burns Snake Bite & Scorpion Envenomation –snakebite, scorpion bite Near drowning Haemorrhagic Syncope Anaphylaxis Hypertension Diabetic ketoacidosis Inborn error of metabolism :- Diagnosis/Immediate evaluation/screening and lab diagnosis/immediate measures (e.g.: Supplement, dietary restriction, intervention) Poisoning - diagnosis and management antidotes Access to rare antidotes / literature / websites Neurological emergencies including ICP and coning Approach in a case of suspected brain death Taking care of a PICU child: basic nursing Taking care of a PICU child: anaesthesia and analgesia, head injury, POLY TRAUMA and other surgical emergencies Transporting a sick child Safety and Bio waste managements, DISASTER MANAGEMNT . Investigations in PICU: including radiology PRISM- PIM Score Record keeping in PICU 7. Inclusion /Emphasis on following topics is suggested Poisoning Common: diagnosis and management Unknown: The universal antidotes and immediate measures Rare: Access should be available/Literature/Website/and access to rare antidotes Inborn errors of Metabolism: PLASMAFERESIS, HEMODIALYSIS AND PERITONEAL DIALYSIS, TRANSPLANTM MANAGEMNT, ECMO BASICS.



**SKILLS BUILDING**

- All of the following skills as applicable to practice of Paediatric Critical Care
- **Respiratory:** Maintenance of open airway, Suctioning the airway Endotracheal intubation (oral and nasal) Cricothyrotomy Placement of an intercostal tube Ventilation by bag and mask Setting and changing modes of ventilation as per needs Weaning from mechanical ventilation Interpretation of arterial and mixed venous blood gases Tracheostomy (desirable) Interpretation of pulmonary function tests including bedside spirometry (desirable).
- **Cardiovascular:** ECG interpretation Placement of central venous catheter (by different routes) Placement of arterial catheter (by different routes) Implementation of cardiovascular support (inotropic therapy) Pericardiocentesis in acute tamponade Antiarrhythmic therapy Cardioversion and defibrillation Thrombolysis Placement of Swan Ganz catheter (desirable)
- Neurologic Basic interpretation of CT scan/ MRI, EEG Brain death protocol – calorie test, apnoea test Intracranial pressure monitoring (desirable)
- Metabolic & Nutritional – Implementation of intravenous fluid therapy, enteral and parenteral nutrition Hematologic Interpretation of a coagulation profile and correction of homeostatic and coagulation disorders (anticoagulation and fibrinolytic therapy). Implementation of blood component therapy.
- **Renal:** Bladder catheterization, Peritoneal dialysis, Renal support techniques (desirable)
- **Psychosocial:** An Understanding of the effect of life-threatening illnesses on patient and their families, and death and dying, and effectively communicate with the child and the family
- Point of care in PICU [POCUS} USG LEARNING
- General -Has acquired skills in educating medical and paramedical professionals. Has acquired skills in handling the PICU equipment's. Is oriented to principles of research methodology.
- Clinical skills in procedures, understanding equipment's, monitoring and resuscitation Asepsis and anaesthesia and decision making in PICU emergency procedures Procedures in emergency medicine: tracheostomy, bronchoscopy, Needle drainage, Rapid IV access Rapid sequence intubation Vascular / Central line access: Jugular, subclavian, femoral and cut down access Arterial catheterization Intraosseous line Ventricular tap and VP shunt Pleuro and peritoneocentesis Peritoneal dialysis Difficult intubations Monitoring: Needs, modalities and action Resuscitation:
  - o Pediatric advanced life support: CPR, intubation and medicines
  - o Monitoring a resuscitated child Equipment's-
  - o Invasive and non-invasive equipment's
  - o Multichannel Monitors, defibrillators
  - o Nebulisers, suctions, O2 delivery systems
  - o Ventilators
  - o Machines: ECG, Doppler, Echo
  - o EEG and ICP monitoring
  - o Maintenance and record keeping PICU Pharmacology
- Mechanical ventilation Basic physiology of respiratory system in a child Need for artificial ventilation Modalities and machines: know your ventilators ABG analysis; ABG actions Ventilation modes and needs, Airway dynamics Ventilation graphics, HFO, Trouble shootings Controlled ventilations, Assist ventilations Care of a ventilated child; Weaning from ventilators CPAP, Tracheostomy, VAP ARDS and its management
- Allied posting in NICU, Pediatric surgery and anaesthesia Curriculum as per the respective departments, aimed at anaesthesia, analgesia and perioperative issues related to fluid and airway dynamics and drugs.



- Research programs, teaching skills ☐ Clinical Core competency skills: development and assessment ☐ Research dissertation completion ☐ Organizing a CME ☐ Representation in conferences ☐ Writing a paper and basics of statistics ☐ Staying in touch and staying updated: Virtual PICU

**Course Co-ordinators:**

**1. Dr. Manojkumar Patil. M.D. (Paediatrics), Fellowship in Paediatric Critical Care. Professor & PICU Incharge.**

**Name of the experts / faculty:**

Dr. Sampada Tambolkar M.D. (Pediatrics) PhD, Professor & HOU Pediatrics.

Dr. Sudhir Malwade, Neonatologist

Dr. Siddhi Gawhale, MD, IDPCCM, Paediatric Intensivist

Dr. Bala Subramanyam, DNB Peds, IDPCCM, Pediatric Intensivist

Dr. Santosh Joshi, Paediatric Cardiologist

Dr. Pranav Jadhav. MS, MCH (Paediatric Surgery). Professor & HOD

Dr. Vishnu Biradar MD(Paediatrics) Fellowship in Paediatric Gastroenterology & Hepatology, Honorary Consultant

Dr. Manoj Matnani, Consultant Pediatric Nephrologist

Dr. Vaishali Madkaikar. Dietician

**References:**

1. Textbook of Pediatric Intensive Care (Dr. P. Khilnani)
2. Roger's textbook of Pediatric intensive care
3. Zimmermann's textbook of Pediatric intensive care
4. Mechanical Ventilation Tobin & Khilnani
5. IAP Textbook of Pediatric Intensive Care
6. Pediatric Emergencies (Meherban Singh)
7. Nelson Textbook of Pediatrics

**Journals: -**

1. Journal of Pediatric critical care, an official publication of IAP-Intensive care chapter (IAP-ICC)  
<https://www.piccindia.com>
2. Pediatric Critical Care Medicine <https://journals.lww.com/pccmjournal/Pages/aboutthejournal.aspx>

**Item No. EC-19 (xi)-24:** To consider and approve starting the “Fellowship in Paediatrics Gastroenterology and Hepatology.” in the Department of Paediatrics.

**Resolution No. EC-19 (xi)-24:** After discussion, it was resolved that the starting of “Fellowship in Paediatric Gastroenterology and Hepatology” in the Department of Paediatrics, from the Academic Year 2024-25, be approved.

**The details of the Fellowship Programme are as follows:**

**Course Title:** Fellowship in Paediatric Gastroenterology and Hepatology.

<b>Background:</b>	Over the last 2 decades, with the vast increase in knowledge in medicine, various pediatric subspecialties have developed. Pediatric Gastroenterology has developed as an independent subspecialty since the last 20 years. The incidence of pediatric gastrointestinal (GI), liver, and nutritional diseases have increased with fall in routine infective cases such as acute diarrheal disease. There is a vast
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	scope of this with diseases like celiac disease, inflammatory bowel disease (IBD), pancreatitis, neonatal cholestasis, chronic liver diseases such as Wilson disease, autoimmune liver diseases, and metabolic liver diseases to name a few. With recent advances in pediatric endoscopy services and pediatric liver transplants, there is a need for specialized training of fellow pediatricians, towards this specialty & is need of hour.
<b>Course Objectives:</b>	<p>• The aim of the fellowship is to provide exhaustive training to enable the candidates to diagnose and treat GI, Liver &amp; nutritional disorders in children appropriately. The objective of this course is to provide the necessary training and clinical exposure to the candidate so that he/she can develop and manage a pediatric gastroenterology setup independently/ work as a consultant in pediatric gastroenterologist.</p> <p>The trainee will spend a year in clinical pediatric GI &amp; liver research and laboratory training. He/she will complete at least one paper acceptable for publication in a peer-reviewed journal and participate in the teaching programs in the department (case presentations, seminars, journal club, radiology/nuclear medicine meetings, and pathology /mortality/research project presentation / combined adult gastroenterology meeting).</p> <p>He/she will be responsible for caring for all inpatients with pediatric GI and liver problems, as well as interdepartmental consultations and emergencies. He will also learn diagnostic &amp; therapeutic endoscopies in children.</p>
<b>Eligibility:</b>	MD in Paediatrics / DNB Pediatrics
<b>Total Credit Points:</b>	40 Credits
<b>Duration of the programme:</b>	One Year
<b>Number of Batches:</b>	1
<b>Intake:</b>	1 student per year
<b>Learning pedagogies:</b>	<p><b>1. Clinical skills:</b></p> <ol style="list-style-type: none"> <li>Detailed history and examination of all Patients with pediatric GI, Liver &amp; Pancreatic disorders</li> <li>Anthropometry assessment &amp; interpretation based on age &amp; gender specific normative data.</li> <li>Nutritional Assessment</li> <li>Performing diagnostic &amp; therapeutic endoscopies such as gastroscopy, colonoscopy etc</li> <li>PICU management of acute liver failure</li> <li>He will also learn about pediatric liver transplant.</li> <li>Basics of Manometry</li> </ol> <p><b>2. Teaching Skills:</b> Competency to teach basics of paediatric gastroenterology and hepatology to undergraduates/postgraduates and nurses training in inpatient management of disorders.</p> <p><b>1. Research Skills:</b> The trainee will achieve competency in carrying out research studies, writing a paper (case reports/ original research/ review articles) and statistical analysis of data. During the training, the candidate must present at least 1 paper/poster, carry out a research project and publish at least 1 article.</p> <p><b>2. Teaching Methods:</b></p> <ol style="list-style-type: none"> <li><b>Pediatric OPDs</b> – Every Thursday</li> <li><b>Pediatric Endoscopy</b> – Every Tuesday</li> <li><b>Bedside Teaching</b> daily</li> <li><b>Teaching:</b> <ol style="list-style-type: none"> <li>Case Discussion once a week</li> </ol> </li> </ol>



	b) Seminar once in two weeks c) Journal club once in a month d) Project work discussion once a week e) Histopathology and Radiology Sessions every week Teaching and learning 150 hours (10 CREDITS) Assignment/Seminar/ Group discussion/Tutorial 90 hours (6 credits) Practical/Demonstration/ Hands on Experience /Lab work 360 hours (12 credits) Field work/clinical work Research work 360 hours (12 credits)
<b>Certificate:</b>	<ul style="list-style-type: none"> <li>Fellowship in Pediatric Gastroenterology and Hepatology</li> </ul>
<b>Attendance:</b>	75%
<b>Timetable:</b>	Pediatric OPDs – Every Thursday Pediatric Endoscopy – Every Tuesday Bedside Teaching daily <b>Teaching:</b> 1. Case Discussion once a week 2. Seminar once in two weeks 3. Journal club once in a month 4. Project work discussion once a month 5. Histopathology and Radiology Sessions every week

Examination methods / scheme, evaluation, attendance, total credits, declaration of result, etc. should be as per **SOP for Value Added / Certificate / Fellowship Programmes**, approved by the **Board of Management** at its meeting held on **30<sup>th</sup> December, 2020**.

• **Tentative Program Schedule:**

<b>Name of the Course: Fellowship in Pediatric Gastroenterology and Hepatology</b>			
Number of Sessions Hours/Day	1 hour/day	Number and types of Evaluations Planned	MCQ/SAQ/Viva
Total number of lecture hours	120 hours	Theory & Practical Project Presentation	SAQ/LAQ/VIVA

• **Syllabus:**

Sr. No.	Modules
1	Anatomy, Patho-Physiology of GI and liver diseases
2	Malnutrition in details
3	Diarrheal diseases – acute and chronic
4	Pathophysiology of acute, recurrent and chronic pancreatitis.
5	Approach and management of neonatal cholestasis, metabolic liver disease
6	Acute hepatitis, Acute liver failure, Chronic liver disease, Portal hypertension, management of ascites
5	Celiac disease and Malabsorption disorders
7	Inflammatory bowel disease
8	Functional GI disorders & Abdominal pain Syndromes
9	Infections – HBV, HCV, CMV, EBV, H Pylori, Giardia, Amoeba, Liver abscess, Cholangitis, Infective Colitis – Shigella etc.
10	GI Motility disorders
11	Eosinophilic disease
12	Wilson disease
13	Autoimmune liver disease
14	Nutritional management of different diseases including TPN
15	Pediatric Surgical diseases

**Name of the experts / faculty:**

Dr. Vishnu Biradar MD (Paediatrics) Fellowship in Paediatric Gastroenterology & Hepatology, Honorary Consultant.

Dr. Sanjay Chavan MD (Paediatrics), Professor Paediatrics.

Dr. Sampada Tambolkar MD (Pediatrics) PhD, Professor & HOU Pediatrics

Dr. Manoj Patil. MD (Paediatrics), Fellowship in Paediatric Critical Care. Professor & PICU In charge.

Dr. Pranav Jadhav. MS, MCH (Paediatric Surgery). Professor & HOD

Vaishali Madkaikar. Dietician

**References:****Textbooks in Pediatric Gastroenterology:**

1. Walker's Pediatric Gastrointestinal Diseases
2. IAP Textbook of Pediatric Gastroenterology
3. Liver Disease in Children – Fredrick J Suchy
4. Pediatric Liver Intensive Care – Naresh Shanmugan, Anil Dhawan

**Journals:**

1. Journal of Pediatric Gastroenterology, Hepatology and Nutrition (JPGN)
2. Annals of Pediatric Gastroenterology, Hepatology and Nutrition (APGHN).

**Item No. EC-19 (xii)-24: To consider the proposal for an increase in the duration of “Fellowship in Paediatric Neurology” from 12 to 24 months.**

[**Note:** Pediatric Neurology Super specialty division of the Department of Pediatrics at D. Y. Patil Medical College and Research Centre is the most well-established and fully functioning super-specialty division since 2016.

The Pediatric Neurology specialty has been successfully running a Fellowship programme under DPU since 2016. **Presently the duration of the programme is only 1 year. The syllabus of Pediatric Neurology is very vast, and it requires a minimum of 2 years for the trainees to get trained for an independent practice.**

The Paediatrics Department gets a lot of applications for the Fellowship from various states of India which shows its high demand. Students even working without a stipend indicating the quality of the education programme provided here. Six batches have completed the course and 7<sup>th</sup> batch is the ongoing one].

**Resolution No. EC-19 (xii)-24: After discussions it was resolved that the proposal for an increase in the duration of the “Fellowship in Pediatric Neurology” programme from 12 months to 24 months (including examinations), be approved.**

**Item No. EC-20-24: To consider recommendations made by the Academic Council at its meeting held on 14<sup>th</sup> June, 2024 related to the Faculty of Science and Technology.**

The following items were discussed in the meetings of **Boards of Studies in Biotechnology and Bioinformatics, Computer Science and Technology, Design, Faculty of Science and Technology, and Academic Council** held on 31<sup>st</sup> May, 2024, 4<sup>th</sup> June, 2024, 10<sup>th</sup> June, 2024, and 14<sup>th</sup> June, 2024, respectively. The recommendations of the Academic Council were placed before the Executive Council for its approval.



The Executive Council approved as follows:

**(A) Items related to the Biotechnology and Bioinformatics Institute**

**Item No. EC-20 (i)-24:** To consider and approve the eligibility for lateral entry in the 2<sup>nd</sup> year of B. Tech. Biotechnology and B. Tech. (Medical) Biotechnology.

**Resolution No. EC-20 (i)-24:** After the detailed presentation on the eligibility criteria for lateral entry in the 2<sup>nd</sup> year of B. Tech. Biotechnology and B. Tech. (Medical) Biotechnology degree programs it was resolved that, based on the guidelines of AICTE, the students be admitted in the 2<sup>nd</sup> year, as a lateral entry for B. Tech. Biotechnology and B. Tech. Medical Biotechnology Programmes.

➤ Norms for admission to **Second year B. Tech degree courses under Lateral Entry** as indicated in AICTE APH 2024-27 are given below.

- 1) Lateral Entry to Second Year Diploma/ Undergraduate Degree Course(s) shall be permissible up to a **maximum of 10% of the "Approved Intake"** which shall be over and above, (supernumerary) of the "Approved Intake", **plus the unfilled vacancies of the First year** (Clause 6.13.a APH 2024-27)
- 2) Vacant seats arising out of the students withdrawing the admission in the First Year shall also be considered for Lateral Entry.
- 3) EWS vacant seats shall be considered for the Lateral Entry to Second Year Course(s) with the same reservation policy for admission.
- 4) Tuition Fee Waiver (TFW) Scheme is applicable to approved Technical Institutions offering Diploma, Post Diploma, Under Graduate Programme(s) in Engineering and Technology and Lateral Entry provisions of these Programme (s).
- 5) **Supernumerary seats for the Union Territories J&K and Ladakh** under Pradhan Mantri Uchchatar Shiksha Protsahan Yojana (PM-USPY). This scheme is applicable to selected approved Technical Institutions having NIRF ranking and offering Bachelor Programme(s). **Diploma holders in Engineering are eligible for Lateral Entry** under the provisions of these Programme(s).

**Foreign Nationals/NRI and Lateral Entry:**

- 1) **Any Foreign National /NRI** obtained Diploma in a Foreign Institution (having an equivalency Certificate issued by the Association of Indian Universities) or Diploma in an Indian Institution shall also be eligible for Lateral Entry into the Second Year Undergraduate Degree Course. The Institutions having approval for the supernumerary seats in such Course(s) as per Clause 2.9 of the Approval Process Handbook are **ONLY** eligible to admit the Foreign Nationals as per the norms, else the Institution shall apply for the same on AICTE Web Portal. However, the **total Foreign Nationals admitted under supernumerary seats and the Lateral Entry shall not exceed the 15% of the "Approved Intake" in an Academic year.**

**Eligibility for Lateral entry in Second year of B. Tech.:**

- Passed Minimum **THREE** years / **TWO** years (Lateral Entry) Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved category) in ANY branch of Engineering and Technology.

**OR**



- Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% marks in case of candidates belonging to reserved category) and passed 10+2 examination with Mathematics as a subject.

**OR**

- Passed B.Voc/3-year D.Voc. Stream in the same or allied sector.
- NCrf Level should be 4.5; Program Duration for second year lateral entry candidates would be 3 years for UG degree. A candidate with Diploma in appropriate branch of Engineering/UG Certificate/Equivalent Vocational or Technical Program level 4.5 will be eligible for lateral entry to second year B. Tech. course. Minimum eligibility Marks for general category will be at least 50/45% marks and 45/40% marks in case of candidates belonging to reserved category, in the above program.
- The Universities have to offer suitable bridge courses such as Mathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to achieve desired learning outcomes of the programme.
- Reference as per the AICTE circular, F. No.AICTE/ P&AP/Misc/ 2020 dated 09.08.2021
- As per the general eligibility outlined in the APH 2024-27, for Biotechnology as a major discipline, Physics and Chemistry are compulsory subjects at 10+2 level, and other relevant courses are Biology/Biotechnology/Maths. First one or two Semesters are designed that students with Biology/Biotechnology background have adequate courses on Maths and vice versa and then the class is at level studying field for the rest of the semesters.

**Recommendation 1:**

- (a) B. Tech. Biotechnology – 60 seats
- (b) B. Tech. Medical Biotechnology – 60 seats

**Lateral entry** up to maximum of 10% of the “Approved Intake” which shall be over and above, (supernumerary) of the “Approved Intake”, plus the unfilled vacancies of the First year for both above mentioned degree programs.

**Recommendation 2:**

- (a) B. Tech. Biotechnology – 60 seats

**Lateral entry of year Foreign National /NRI** obtained Diploma in a Foreign Institution (having an equivalency Certificate issued by the Association of Indian Universities) in second year based on the eligibility approved by AICTE for seats vacant in first year (Clause 6.13.b APH 2024-27) of B. Tech. Biotechnology degree program.

The detailed eligibility criteria are enclosed as **Annexure – III**.

**Item No. EC-20 (ii)-24:** To consider and approve the syllabus of coursework for **Ph.D. Program in Biotechnology and Bioinformatics**.

**Resolution No. EC-20 (ii)-24:** After a detailed presentation, it was resolved that the syllabus for the **Ph.D. coursework in Biotechnology and Bioinformatics** be approved as per the **University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, 2022**.





Course Code	Course Title	Credits	Marks
CPE-RPE-101	Research and Publication Ethics	02	50
BBIPHD-102	Research Methodology	02	50
BBIPHD-103A	Advances in Cell culture and Immunobiology	01	50
BBIPHD-103B	Advances in Plant and Environmental Biotechnology	01	50
BBIPHD-103C	Advances in Molecular Biology and Genome editing techniques	01	50
BBIPHD-103D	Advances in Microbial Biotechnology	01	50
BBIPHD-103E	Advances in Microscopy and Biochemical Techniques	01	50
BBIPHD-103F	Advances in Bioinformatics and Computational Biology	01	50
BBIPHD-104	Research Proposal presentation and review writing	02	50
BBIPHD-105	Courses from Swayam/NPTEL	02	50
<b>TOTAL</b>		<b>14</b>	<b>500</b>

The revised syllabus is enclosed as **Annexure – IV**

### **(B) Items related to the School of Science and Technology**

**Item No. EC-20 (iii)-24:** To consider and approve the course structure and detailed syllabus of B. Tech. Computer Science and Engineering Programme as per AICTE guidelines from Academic Year 2024-25.

[**Note:** The Executive Council at its meeting held on 22<sup>nd</sup> December, 2023, approved the change of nomenclature of the Programme of **Bachelor of Technology in Computer Science and Design (B. Tech. CSD)** to **Bachelor of Technology in Computer Engineering (B. Tech. CE)** with intake of 120 seats from the Academic Year 2024-25 at School of Science and Technology. The AICTE has approved the change of nomenclature from “Bachelor of Technology in Computer Science and Design” (B. Tech. CSD) to “**Bachelor of Technology in Computer Science and Engineering**” from 2024-25 onwards vide Extension of Approval (EoA) letter issued on 21<sup>st</sup> May, 2024.]

**Resolution No. EC-20 (iii)-24:** The course structure and detailed syllabus for the B. Tech. Computer Science and Engineering Programme, aligned with the guidelines outlined as per the AICTE Model Curriculum with the provision of Multiple Entry Multiple Exit (MEME), was considered. The curriculum was designed to incorporate the latest developments in the field of Computer Science and Engineering, ensuring that students are equipped with the necessary knowledge and skills to thrive in the rapidly evolving technological landscape.

After discussions it was resolved that the course structure and detailed syllabus of B. Tech. Computer Science and Engineering Programme, as per the AICTE guidelines, be approved from the Academic Year 2024-25.

The course structure and syllabus of B. Tech. Computer Science and Engineering is enclosed as **Annexure – V**.

**Item No. EC-20 (iv)-24:** To consider and approve course structure and detailed syllabus of **B. Tech. Artificial Intelligence and Data Science Programme**, as per AICTE Model Curriculum, with the provision of Multiple Entry Multiple Exit (MEME), from Academic Year 2024-25.



**Resolution No. EC-20 (iv)-24:** After discussions it was resolved that the course structure and detailed syllabus of B. Tech. Artificial Intelligence and Data Science Programme, as per AICTE with the provision of Multiple Entry Multiple Exit (MEME), be approved from the Academic Year 2024-25.

➤ **Key Highlights of the Approved Curriculum are as follows:**

- Core courses covering fundamental principles of computer engineering, including computer architecture, digital systems, and programming languages.
- Specialized electives focusing on emerging areas such as machine learning, cybersecurity, and Block chain etc.
- Hands-on laboratory sessions and project work to provide practical exposure and foster innovation.
- Integration of interdisciplinary topics to promote holistic learning and problem-solving skills.
- Emphasis on industry internships and collaborative projects to bridge the gap between academia and industry requirements.
- Incorporation of ethical and societal considerations to in still a sense of responsibility and integrity among students.

The course structure and syllabus of B. Tech. Artificial Intelligence and Data Science is enclosed as **Annexure – VI**.

**Item No. EC-20 (v)-24:** To consider and approve the detailed course structure & syllabus of **B. Tech. Artificial Intelligence and Data Science Programme of 4<sup>th</sup> Year** from Academic Year 2024-25.

**Resolution No. EC-20 (v)-24:** After discussions, it was resolved that the detailed course structure & syllabus of 4<sup>th</sup> Year of the B. Tech. Artificial Intelligence and Data Science Programme, be approved from Academic Year 2024-25 for the batch admitted to 1<sup>st</sup> Year from the Academic Year 2021-22.

The course structure and syllabus of 4<sup>th</sup> Year of the B. Tech. Artificial Intelligence and Data Science is enclosed as **Annexure – VII**.

**Item No. EC-20 (vi)-24:** To consider and approve the detailed course structure & syllabus of **B. Tech. Computer Science and Design Programme** from 3<sup>rd</sup> to 4<sup>th</sup> Year (Semesters V to VIII) from Academic Year 2024-25.

**Resolution No. EC-20 (vi)-24:** After discussions, it was resolved that the detailed course structure and syllabus of B. Tech. Computer Science and Design Programme for the 3<sup>rd</sup> to 4<sup>th</sup> Year (Semesters V to VIII), be approved, from Academic Year 2024-25 for the batch admitted to 1<sup>st</sup> Year from the Academic Year 2022-23.

The course structure and syllabus of the 3<sup>rd</sup> to 4<sup>th</sup> of the B. Tech. Computer Science and Design Programme is enclosed as **Annexure – VIII**.





**Item No. EC-20 (vii)-24:** To consider and approve the detailed course structure & syllabus of the **B. Sc. Computer Science Programme** from the 2<sup>nd</sup> to 4<sup>th</sup> Year (Semesters III to VIII) from Academic Year 2024-25.

**Resolution No. EC-20 (vii)-24:** After discussions, it was resolved that the detailed course structure and syllabus of the **B. Sc. Computer Science Programme** from the 2<sup>nd</sup> to 4<sup>th</sup> Year (Semesters III to VIII) be approved, from the Academic Year 2024-25 for the batch admitted to 1<sup>st</sup> Year from the Academic Year 2023-24.

The course structure and syllabus of the 2<sup>nd</sup> to 4<sup>th</sup> of the **B. Sc. Computer Science Programme** is enclosed as **Annexure – IX**.

**Item No. EC-20 (viii)-24:** To consider and approve the detailed course structure & syllabus of the **BCA Programme** from the 2<sup>nd</sup> to 4<sup>th</sup> Year (Semesters III to VIII) from Academic Year 2024-25.

**Resolution No. EC-20 (viii)-24:** After discussions, it was resolved that the detailed course structure and syllabus of the **BCA Programme** from the 2<sup>nd</sup> to 4<sup>th</sup> Year (Semesters III to VIII) be approved, from the Academic Year 2024-25 for the batch admitted to 1<sup>st</sup> Year from the Academic Year 2023-24.

The course structure and syllabus of the **B.C.A. Programme** from 2<sup>nd</sup> to 4<sup>th</sup> Year are enclosed as **Annexure – X**.

**Item No. EC-20 (ix)-24:** To consider and approve the detailed course structure & syllabus of the **MCA Programme** for 2<sup>nd</sup> Year (Semesters III and VI) from Academic Year 2024-25.

**Resolution No. EC-20 (ix)-24:** After discussions, it was resolved that the detailed course structure and syllabus of the **MCA Programme** for 2<sup>nd</sup> Year (Semesters III and VI), be approved from the Academic Year 2024-25 for the batch admitted to 1<sup>st</sup> Year from the Academic Year 2023-24.

The course structure and syllabus of the **MCA Programme** of the final year are enclosed as **Annexure – XI**

**Item No. EC-20 (x)-24:** To consider and approve new courses related to 5G to be added to the open elective basket for **B. Tech. AI & DS, B. Tech. CSD, B.Sc. Computer Science and BCA** programmes from the third year (Semester V) and for the **MCA** program in the second year from Academic Year 2024-25.

**Resolution No. EC-20 (x)-24:** After detailed discussions, it was resolved that the new courses related to 5G Technology be added to the open elective basket for various programs including **B.Tech. AI & DS, B.Tech. CSD, B.Sc. Computer Science, and BCA** programs from the third year (Semester V) onwards, and for the **MCA** program in the second year, from Academic Year 2024-25.



The introduction of courses related to 5G technology is crucial considering the rapid advancements and widespread adoption of 5G networks. These courses will provide students with specialized knowledge and skills required to address the challenges and opportunities presented by this emerging technology. After thorough consideration and discussion, the board unanimously resolved to approve the addition of new courses related to 5G technology to the open elective basket. These courses will be made available to students from the third year (Semester V) onwards for B.Tech. AI & DS, B.Tech. CSD, B.Sc. Computer Science, and BCA programs, and in the second year for the MCA program, starting from the Academic Year 2024-25.

The details of the open elective basket for B. Tech. AI & DS, B. Tech. CSD, B.Sc. Computer Science and BCA programmes from the third year (Semester V) as follows:

<b>5G Open Elective Basket: BCA &amp; B. Sc. and B. Tech (CSD and AI&amp;DS)</b>	
<b>Semester V</b>	<b>Semester VI</b>
• Introduction to 5G Technology	• 5G Security and Privacy
• 5G Network Fundamentals	• Emerging Trends in 5G Technology
• Business Considerations for 5G	• Advanced Topics in 5G
• 5G and IoT Integration	• Mobile Edge Computing in 5G
	• 5G for Smart Cities
<b>Semester VII</b>	<b>Semester VIII</b>
• 5G and Emerging Technologies	• Capstone Project: 5G Applications
• 5G Network Optimization	• 5G and Global Connectivity
• 5G and Augmented Reality/Virtual Reality (AR/VR)	• Evolution Of Air Interface Towards 5G
• Ethical and Legal Issues in 5G	• Open Source and the 5G Transition

*The details of the open elective basket for the second year for the MCA program are as follows:*

<b>5G Open Elective Basket: MCA</b>	
<b>Semester III</b>	<b>Semester IV</b>
• Introduction to 5G Technology	• Advanced 5G Technologies
• 5G Network Architecture and Protocols	• 5G and Internet of Things (IoT) Integration
• 5G Security and Privacy	• 5G Network Optimization and QoS
• Mobile Edge Computing (MEC) in 5G	• Business Strategies for 5G Deployment

**Note:** Students will undergo the course curriculum and earn certification through NPTEL/TCIL/MoU Industry connections, aligned with the credit structure specified in the course.

**Item No. EC-20 (xi)-24:** To start Ph.D. Programme in Computer Applications and Ph.D. Programme in Computer Science and Engineering from Academic Year 2024-25.

**Resolution No. EC-20 (xi)-24:** The initiation of a Ph.D. program in the Engineering and MCA department represents a significant milestone for the department, offering students a unique opportunity to pursue doctoral studies and contribute to cutting-edge research in computer science and applications. The department looks forward to nurturing a vibrant research community and producing future leaders and innovators in the field. This decision aligns with the department's commitment to fostering research excellence and innovation in computer science and related disciplines.





After extensive discussion and consideration of the proposal, it was resolved that the commencement of the Ph.D. programme in Computer Applications and Ph.D. programme in Computer Science and Engineering, be approved from the Academic Year 2024-25.

The approved Eligibility Criteria: As per University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, 2022 No. F. No. 1-3/2021(QIP).

**Item No. EC-20 (xii)-24:** To consider and approve the admission criteria for UG and PG Programmes as per UGC Guidelines and NCrf level, for Vidyapeeth entrance qualifying criteria should be non-zero and based on the marks opted in the entrance.

**Resolution No. EC-20 (xii)-24:** After detailed discussion, it was resolved that the adoption of admission criteria for UG and PG programs in accordance with the UGC Regulation 2022 and NCrf level be approved. The qualifying criteria for admission to UG and PG programs through the Vidyapeeth entrance examination shall be non-zero, ensuring that all applicants meet a minimum threshold of academic proficiency. Other than DPU, entrance examinations prescribed by national bodies are to be considered such as JEE, State CETs, CUET, KVPY, Para CET, for B.Tech., B.Sc., BCA, and MCA, be approved.

**Item No. EC-20 (xiii)-24:** To discuss and approve the introduction of a new Post Graduate Programme i.e. Master of Technology (M. Tech.) in Computer Science and Engineering from the Academic Year 2024-25.

**Resolution No. EC-20(xiii)-24:** After a thorough discussion of the institution's vision to provide advanced education in emerging fields and cater to the growing demand for highly skilled professionals in the technology sector, it was unanimously resolved that **the introduction of a new postgraduate Programme of Master of Technology (M. Tech.) in Computer Science and Engineering with an intake of 12 seats, from the Academic Year 2024-25, be approved.** The necessary infrastructure, resources, and regulatory approvals shall be arranged to support this programme.

**(C) Items related to the School of Design:**

**Item No. EC-20 (xiv)-24:** To consider and approve the revised course structure for the 1<sup>st</sup> Semester to 8<sup>th</sup> Semester of the Bachelor of Design (B. Des.) Programme of all specializations and approve the detailed syllabus of the Bachelor of Design (B. Des.) 1<sup>st</sup> Foundation Year (1<sup>st</sup> and 2<sup>nd</sup> Semester) from the Academic Year 2024-25 onwards with the provision of Multiple Entry Multiple Exit (MEME).

**Resolution No. EC-20 (xiv)-24:** After detailed discussion, it was resolved that the revised course structure with the provision of Multiple Entry Multiple Exit (MEME), for the 1<sup>st</sup> Semesters to 8<sup>th</sup> Semesters of the Bachelor of Design (B. Des.) programme with specializations in (A) Interior Design Styling and Practice, (B) Fashion Lifestyle and Boutique Management (C) Product Design and (D) Communication Design programmes, be approved.



Further, it was resolved that the detailed syllabus of Bachelor of Design (B. Des.) 1<sup>st</sup> Foundation Year (1<sup>st</sup> and 2<sup>nd</sup> Semester) with Graduate Attributes, Course Objectives, Expected Course Outcomes (COs), Expected Outcome analysis of COs, Detailed Course Description, Reference Books, and Scheme of Evaluation etc. for the Bachelor of Design (B. Des.) with specializations in A) Interior Design Styling and Practice, B) Fashion Lifestyle and Boutique Management, C) Product Design, D) Visual Communication Design be accepted and approved. The revised syllabus is enclosed as Annexure – XII.

**Item No. EC-20 (xv)-24:** To consider and approve the syllabus for the 2<sup>nd</sup> Year (Sem 3<sup>rd</sup> and 4<sup>th</sup> Semesters) of the Bachelor of Design (B. Des). Programme i.e. (i) B. Des in Product Design and (ii) B. Des in Visual Communication Design.

**Resolution No. EC-20 (xv)-24:** After detailed discussions, it was resolved that the course structure and detailed syllabus of the Bachelor of Design (B. Des). Programme i.e. (i) B. Des. in Product Design and (ii) B. Des. in Visual Communication Design for the 2<sup>nd</sup> Year (3<sup>rd</sup> and 4<sup>th</sup> Semesters) with Graduate Attributes, Course Objectives, Expected Course Outcomes (COs), Expected Outcome analysis of COs, Detailed Course Description, Reference Books, and Scheme of Evaluation be accepted and approved.

The detailed syllabus of the Bachelor of Design (B. Des). Programme i.e. (i) B. Des in Product Design and (ii) B. Des in Visual Communication Design is enclosed as Annexure – XIII.

**Item No. EC-20 (xvi)-24:** To consider and approve the syllabus for the 3<sup>rd</sup> Year (Sem 5<sup>th</sup> and 6<sup>th</sup> Sem) of the Bachelor of Design (B. Des.) Programme i.e. (i) B. Des. In Fashion Lifestyle & Boutique Management, (ii) B. Des. Interior Design Styling and Practices from the Academic Year 2024-25 onwards.

**Resolution No. EC-20 (xvi)-24:** After detailed discussion, it was resolved that the course structure and detailed syllabus of the Bachelor of Design (B. Des). Programme i.e.) (i) B. Des. In Fashion Lifestyle & Boutique Management, (ii) B. Des. Interior Design Styling and Practices for the 3<sup>rd</sup> Year (Sem 5<sup>th</sup> and 6<sup>th</sup> Sem) with Graduate Attributes, Course Objectives, Expected Course Outcomes (COs), Expected Outcome analysis of COs, Detailed Course Description, Reference Books, and Scheme of Evaluation be accepted and approved from the Academic Year 2024-25 onwards.

The detailed syllabus of the (i) B. Des. In Fashion Lifestyle & Boutique Management, (ii) B. Des. Interior Design Styling and Practices is enclosed as Annexure – XIV.

**Item No. EC-20 (xvii)-24:** To consider and approve the syllabus for the 5<sup>th</sup> and 6<sup>th</sup> Semesters of the Bachelor of Applied Arts and Crafts (B.AAC) in Graphics, Animation, and VFX from the Academic Year 2024-25 onwards.

**Resolution No. EC-20 (xvii)-24:** After discussions, it was resolved that the course structure for 5<sup>th</sup> to 8<sup>th</sup> Semesters and details the syllabus for the 5<sup>th</sup> and 6<sup>th</sup> Semesters of the Bachelor of Applied Arts and Crafts (B.AAC) programme with Graduate Attributes, Course Objectives, Detailed Course Description, Reference Books, and Scheme of Evaluation for the Bachelor of Applied Arts and Crafts (BAAC) in Graphics, Animation and VFX design specializations be accepted and approved. The detailed syllabus is enclosed as Annexure – XV.



**Item No. EC-20 (xviii)-24:** To consider and approve the revised course structure for the 1<sup>st</sup> to 8<sup>th</sup> Semester of the Bachelor of Science (B.Sc.) in Design, and 1<sup>st</sup> Year (1<sup>st</sup> to 2<sup>nd</sup> Semester) syllabus of Bachelor of Science (B. Sc.) in Design Programme from the Academic Year 2024-25 onwards with the provision of Multiple Entry Multiple Exit (MEME).

**Resolution No. EC-20 (xviii)-24:** After discussions, it was resolved that the revised course structure for the 1<sup>st</sup> to 8<sup>th</sup> Semester of the Bachelor of Science (B.Sc.) in Design with the provision of Multiple Entry Multiple Exit (MEME) be approved.

Further, it was resolved that the syllabus along with Graduate Attributes, Expected Course Objectives, and Scheme of Evaluation of 1<sup>st</sup> Year (1<sup>st</sup> and 2<sup>nd</sup> Semester) of the Bachelor of Science (B.Sc.) in Design Programme with specializations in A) Fashion Design, B) Interior Design, and C) Graphics, Animation, and VFX, be accepted and approved from the Academic Year 2024-25 onwards.

The detailed course structure and syllabus is enclosed as **Annexure – XVI**.

**Item No. EC-20 (xix)-24:** To consider and approve the course structure of Bachelor of Science (B. Sc.) in Design with specialization in A) Fashion Design, B) Interior Design, and C) Graphics, Animation, and VFX for the 5<sup>th</sup> and 6<sup>th</sup> semester (3<sup>rd</sup> Year) from the AY 2023-24.

**Resolution No. EC-20 (xix)-24:** After a detailed presentation, it was resolved that the course structure of the Bachelor of Science (B.Sc.) in Design with specialization in A) Fashion Design, B) Interior Design, and C) Graphics, Animation, and VFX for the 5<sup>th</sup> and 6<sup>th</sup> semester (3<sup>rd</sup> Year) from the AY 2023-24 along with Graduate Attributes, Course Objectives, Detailed Course Description, Reference Books, and Scheme of Evaluation be approved.

The detailed course structure and syllabus is enclosed as **Annexure – XVII**.

**Item No. EC-20 (xx)-24:** To consider and approve the enrolment of students in the SWAYAM another Open-Source Learning (OSL) platform approved by UGC and (or) AICTE for open electives matching to the credit of similar open electives offered in their curriculum.

**Resolution No. EC-20 (xx)-24:** After discussion, it was resolved that the Swayam courses of all UG Programs of Dr. D. Y. Patil School of Design be accepted and implemented from the Academic Year 2024-25 and onwards.

The details of the electives are enclosed as **Annexure – XVIII**.

**Item No. EC-21-24:** To consider recommendations made by the Academic Council at its meeting held on 14<sup>th</sup> June, 2024 related to the Faculty of Ayurved.

The following items were discussed in the meetings of the **Boards of Studies in Pre-Para Clinical and Clinical Subjects, Faculty of Ayurved, and Academic Council** at its meetings held on 21<sup>st</sup> May, 2024, 22<sup>nd</sup> May, 2024 and 14<sup>th</sup> June, 2024, respectively. The recommendations of the Academic Council were placed before the Executive Council for its consideration.



**The Executive Council approved as follows:**

**Item No. EC-21 (i)-24:** To consider and discuss the **National Commission for Indian System of Medicine (Minimum Essential Standards, Assessment and Rating for Undergraduate Ayurveda Colleges and attached Teaching Hospitals) Regulations, 2024** published in the Gazette of India on 2<sup>nd</sup> May 2024.

[**Note:** The details of the Gazette of India published on 2<sup>nd</sup> May 2024 regarding NCISM (MESA&R) Regulations for UG Ayurveda colleges and the attached teaching hospital were discussed. The Dean of the Faculty has presented a comparison between the Regulations of 2016 and 2024 regarding additional requirements of infrastructure, faculties, non-teaching staff, and equipment].

**Resolution No. EC-21 (i)-24:** After discussions, it was resolved that the NCISM (MESA&R), Regulations, 2024 be implemented at the institute level and necessary steps be initiated for acquiring additional infrastructure, faculties, non-teaching staff and equipment, etc.

**The brief of requirements is as follows:**

E-display, Digital Library, Skill Lab, OPD and IPD of Vishachikitsa, Increase in the number of Teaching staff from 45 to 51 and Non-teaching staff from 44 to 88 for 100 UG intake, Change in IPD bed distribution in Clinical subjects, IPD bed occupancy is 60%, Clinical classroom should be attached to IPD ward, Changes in infrastructure and establishment of different committees as per IQAC / NAAC criteria for gradation of institute be approved.

**Item No. EC-21 (ii)-24:** To consider and discuss the **National Teachers' Eligibility Test (NTET)**.

**Resolution No. EC-21 (ii)-24:** The NCISM has informed all Universities and ASU Colleges that one of the essential qualifications for a person to be eligible for appointment as Assistant Professor, Associate Professor, and Professor for the first time in any of the colleges is to pass the National Teachers' Eligibility Test (NTET), which will be administered by an NCISM-designated authority in accordance with the NCISM's Guidelines. The NCISM has also announced that the NTET-2024-25 will take place in the month of July 2024.

After discussions it was resolved that the information about the NTET be spread among faculty members to encourage them to appear on this Test and clear the same at the earliest.

**Item No. EC-21 (iii)-24:** To consider and discuss the **Public Notice** issued by the NCISM on **Clarification on Eligibility for National Exit Test (NExT 2024-25)**.

**Resolution No. EC-21 (iii)-24:** The NCISM issued a Public Notice on April 30, 2024, about **Clarification on Eligibility for the National Exit Test (NExT 2024-25)**. The National Exit Test will be administered in order to give a license to practice as a medical practitioner of the appropriate discipline of the Indian system of medicine, as well as to enroll in the State Register or National Register as a registered medical practitioner of the Indian system.

After discussions it was resolved that the information about the NExT be spread among intern students to encourage them to appear in this Test.



**Item No. EC-22-24:** To consider recommendations made by the Academic Council at its meeting held on 14<sup>th</sup> June, 2024 related to the Faculty of Commerce and Management.

The following items were discussed in the meetings of the Board of Studies in Commerce and Management Subjects, Faculty of Commerce and Management, and Academic Council at its meetings held on 31<sup>st</sup> May, 2024 and 14<sup>th</sup> June, 2024, respectively. The recommendations of the Academic Council were placed before the Executive Council for its consideration.

**The Executive Council approved as follows:**

**(A) Recommendations related to the Management Institute:**

**Item No. EC-22 (i)-24:** To consider and approve the Programme structure, syllabus, and Evaluation scheme of BBA / BBA (Honours) / BBA (Honours with Research), for 1<sup>st</sup> year (Sem I and II) w.e.f. Batch 2024-28 onwards.

**Resolution No. EC-22 (i)-24:** At the end of in-depth discussions in line with the AICTE Model Curriculum with multi-entry and multi-exit (MEME) provisions, it was resolved that the programme structure, syllabus and the revised internal (Formative) & external (Summative) evaluation scheme for 1<sup>st</sup> year (Sem I and II) of BBA / BBA (Honours) / BBA (Honours with Research), applicable from the batch 2024-2028 and onwards, be noted and accepted.

A copy of the Programme structure, syllabus, and Evaluation scheme for 1<sup>st</sup> Year (Sem I and II) is enclosed as **Annexure – XIX**.

**Item No. EC-22 (ii)-24:** To consider and approve the Programme structure, and syllabus for BBA/BBA (Honours)/BBA (Honours with Research), for 2<sup>nd</sup> year (Sem III and IV) w.e.f. batch 2023-27 and onwards.

**Resolution No. EC-22 (ii)-24:** After in-depth discussions, it was resolved that the programme structure of BBA / BBA (Honours) / BBA (Honours with Research), for 2<sup>nd</sup> year (Sem III and IV) w.e.f. the Batch 2023-27 and onwards, be accepted and approved.

The programme structure, and syllabus for BBA / BBA (Honours) / BBA (Honours with Research), for 2<sup>nd</sup> year (Sem III and IV) are attached as **Annexure – XX**.

**Item No. EC-22 (iii)-24:** To consider and approve Bridge courses for the BBA 2<sup>nd</sup> year (Batch 2023-2027) mapped with the revised proposed programme structure of BBA 1<sup>st</sup> year (Batch 2024-28).

**Resolution No. EC-22 (iii)-24:** After reviewing the revised programme structure for the BBA 1<sup>st</sup> year (Batch 2024-28), it was resolved to approve the addition of four bridge courses to cover the missing curriculum components. These courses will be offered to BBA 2<sup>nd</sup> Year students (Batch 2023-27) and be approved.



**These courses are:**

1. Business English (in Sem. III)
2. Gender Sensitization & Democracy Awareness (in Sem. III)
3. Introduction to Indian Unicorn Companies (in Sem. IV)
4. Corporate Etiquette & Personal Grooming (in Sem. IV)

The List and content for the same are as attached as **Annexure – XXI.**

**Item No. EC-22 (iv)-24:** To consider and approve the Programme structure, and syllabus of B. Com. (Honours) / B. Com. (Honours with Research), for 1<sup>st</sup> year (Sem I and II) w.e.f Batch 2024-28 onwards.

**Resolution No. EC-22 (iv)-24:** After a detailed presentation, it was resolved that, in consideration of the UGC Circular on Curriculum and Credit Framework for undergraduate programmes, the revised programme structure and syllabus prepared for the 1<sup>st</sup> Year (Sem. I and II) of the B. Com. / B. Com. (Honours) / B. Com. (Honours with Research) Programme, applicable for the Batch 2024-28 onwards, be accepted and approved.

A copy of the Programme Structure of 1<sup>st</sup> Year B. Com. / B. Com. (Honours) / B. Com. (Honours with Research) (Sem. I & II) is enclosed as **Annexure – XXII.**

**Item No. EC-22 (v)-24:** To consider and approve the Programme structure, and syllabus of B. Com. (Honours) / B. Com. (Honours with Research), for 2<sup>nd</sup> year (Sem III and IV) w.e.f. Batch 2023-27 onwards.

**Resolution No. EC-22 (v)-24:** After due deliberations, it was resolved that the programme structure and syllabus prepared for the 2<sup>nd</sup> Year (Sem III and IV) of the B. Com. / B. Com. (Honours) / B. Com. (Honours with Research) programme, effective from the batch 2023-2027 onwards, be accepted and approved.

Furthermore, keeping the students' interests as a priority, it was resolved to offer Cost and Works Accounting as the only specialization for Sem. III and Sem. IV students of the batch 2023-2027, be approved.

The programme structure of B. Com. / B. Com. (Honours) / B. Com. (Honours with Research), for 2<sup>nd</sup> Year (Sem III and IV) from Batch 2023-27 is enclosed as **Annexure – XXIII.**

**Item No. EC-22 (vi)-24:** To consider and approve the Expected Programme Outcomes (PO), Programme Specific Outcomes and Programme Educational Outcomes of B. Com Honours / B. Com. (Honours with Research) programme.

**Resolution No. EC-22 (vi)-24:** After detailed discussion, it was resolved that the Expected Programme Outcomes (PO), Programme Specific Outcomes, and Programme Educational Outcomes for the 1<sup>st</sup> Year B. Com. / B. Com. (Honours) / B. Com. (Honours with Research) be accepted and approved.



The Expected Programme Outcomes (POs), Program Educational Objectives (PEOs), and Program Specific Outcomes (PSOs) are enclosed as **Annexure – XXIV**.

**Item No. EC-22 (vii)-24:** To consider and approve **bridge courses for B. Com. 2<sup>nd</sup> Year students** (Batch 2023-27) mapped with the revised proposed programme structure of **B. Com. - 1<sup>st</sup> year (Batch 2024-28)**.

**Resolution No. EC-22 (vii)-24:** After reviewing the revised program structure for **B. Com. 1<sup>st</sup> Year (Batch 2024-28)**, it was resolved that the addition of three bridge courses to cover the missing curriculum components, to be offered to **B. Com. 2<sup>nd</sup> Year students (Batch 2023-27)**, be approved.

These three courses are as follows:

- 1. Business English (in Sem. III)**
- 2. Ancient Indian Management (in Sem. III)**
- 3. Advanced Excel (in Sem. IV)**

The List and content of Bridge courses are attached as **Annexure – XXV**

**Item No. EC-22 (viii)-24:** To consider and approve the Course “MB 210 - Drop Shipping Challenge” in Sem. II of MBA programme in replacement of “MB 210 - Industry Sectoral Analysis (ISA)” w.e.f. A.Y. 2024-25.

**Resolution No. EC-22 (viii)-24:** After due deliberations, it was resolved that the Course “MB 210 – Industry Sectoral Analysis (ISA)” be replaced with Course “MB 210 – Drop Shipping Challenge” in Sem. II of MBA programme w.e.f. A.Y. 2024-25.

### **Course Description:**

Drop Shipping Challenge is an immersive course where students will launch and operate their own e-commerce venture/ business ecosystem through the drop-shipping model. They will apply marketing strategies, and customer engagement tactics, to build a successful online or offline business. This hands-on experience will expose them to the dynamics of real-world market environments, enabling them to develop an entrepreneurial mindset and business acumen.

### **Course Objectives:**

1. To understand the dynamics of real-world market environments and develop adaptability to navigate challenges.
2. To explore various e-commerce business models and identify growth opportunities.
3. To foster an entrepreneurial spirit and risk-taking ability through practical application.
4. To enhance leadership, decision-making, and problem-solving capabilities in an entrepreneurial setting.
5. To create and execute a robust marketing strategy, utilizing social media, SEO, and paid advertising.
6. To formulate a business plan tailored to the dropshipping business's unique needs and market demands.

**Course Contents:**

All students must compulsorily undergo the 'Drop Shipping Challenge' 1 credit course, involving the practical application of launching a drop shipping venture in a chosen product niche. Assigned mentors will monitor progress and guide students accordingly. Students will present their venture and attend a viva-voce session for assessment of concept application. Students are expected to register their start-up and report by the semester end.

**Item No. EC-22 (ix)-24:** To consider and approve the **revised Evaluation Scheme for Internal / Formative Assessment of student's performance in MBA programme w.e.f. A.Y. 2024-25.**

**Resolution No. EC-22 (ix)-24:** After discussions it was resolved that the **revised Evaluation Scheme for Internal / Formative Assessment of Student's Performance in MBA programme w.e.f. A.Y. 2024-25 be accepted and approved.**

The approved Evaluation scheme for Internal/Formative Assessment of student performance in the MBA program and approved Term End Question Paper Pattern for the MBA programme w.e.f. A.Y. 2024-25 is as **Annexure – XXVI.**

**Item No. EC-22 (x)-24:** To consider and approve the **proposal to add Computer Application Specialization to the Ph.D. Programme from A.Y. 2024-25.**

**Resolution No. EC-22 (x)-24:** After reviewing the **UGC Notification (Minimum Standards and Procedures for Award of Ph. D. degree) and Ph.D. Regulations (Page 18, point-e), it was resolved that the Computer Application Specialization be added to the Ph. D. Programme from Academic Year 2024-25 onwards.**

**It was further resolved that the Pre-Ph. D. Coursework syllabus for Computer Application be accepted and approved.**

Pre-Ph.D. Coursework Examination Syllabus for Computer Application is as follows: for Paper II: Recent Advances in Computer Application

Unit No.	Unit Name and Topics
1	<b>Algorithm Design Pattern</b> Introduction, Fundamentals of the analysis of algorithm efficiency, Brute force, Divide-and - conquer, Decrease - and - conquer, Transform- and - conquer, Space and time tradeoff's, Dynamic programming, Greedy Technique, Iterative improvement.
2	<b>Soft Computing</b> Knowledge representation, graph search algorithm, fuzzy logic, Rough set Theory, neural networks, semantic algorithm, decision tree, clustering methods, Genetic algorithm.
3	<b>Cloud Computing</b> Introduction to Cloud Computing including benefits, challenges, and risks, Cloud Computing Models including Infrastructure/Platform/Software – as-a-service, public cloud, private cloud, and hybrid clouds.
4	<b>Introduction To Big Data</b> Introduction to Big Data Platform – Challenges of Conventional Systems - Intelligent data analysis – Nature of Data - Analytic Processes and Tools - Analysis vs Reporting - Modern Data Analytic Tools - Statistical Concepts: Sampling Distributions - Re-Sampling - Statistical Inference - Prediction Error.



Unit No.	Unit Name and Topics
5	<b>Web Usage Mining Process and Techniques</b> Data collection and sources of data, Data preparation for usage mining, mining navigational patterns, integrating e-commerce data, leveraging site content and structure, User tracking and profiling, E-Metrics: measuring success in e-commerce, Privacy issues, Web Mining Applications and Other Topics.
6	<b>Machine Learning Using R</b> Exploratory Data Analysis, Data Visualization using R, Data Exploration, Understanding the Business Problem, Preprocessing the Data, Using Modeling Techniques and Algorithms, Evaluating the Model, presenting a Management Report and Review, Deploying the Model.

The detailed Pre-Ph.D. Coursework syllabus for the Computer Application specialization is attached as **Annexure – XXVII**.

**Item No. EC-22 (xi)-24:** To consider and approve the **Revised Ph.D. Coursework Structure** with the **addition of “Publications and Research Ethics”** as a course to the Ph.D. Coursework from the A.Y. 2024-25.

**Resolution No. EC-22 (xi)-24:** After thorough discussion, it was resolved that the revised **Coursework Structure with the addition of “Publications and Research Ethics”** as a course to the Ph.D. Coursework from the Academic Year 2024-25, be accepted and approved.

**The approved Ph.D. Coursework Examination Structure w.e.f. 2024-25**

	Duration	Credits	Teaching Pedagogy
<b>Pre-Ph.D. Coursework</b>	1 Semester	12	Through lectures, seminars, workshops, MOOCs, etc.

Papers	Title	Evaluation Parameters	Evaluation (in %)	Marks	Credits
I	Research Methodology	Assignments /workshops / quiz / Presentations, and Written Final Examination	50 UE + 50 IE	100	4
II	Recent Advances in the concerned specialization (HR/Finance/Marketing Applied Management Sciences/Computer Applications)	Assignments/ quiz / Presentations, Survey Report / Term paper / Research Publications etc., and Written Final Examination	50 UE + 50 IE	100	4
III	Presentation of Proposed Research work	Seminar I presentations Review of literature Seminar II presentation - Synopsis for Topic approval (2 credits)	50 UE + 50 IE	100	2
<b>IV</b>	<b>Research and Publications Ethics (RPE)</b>	<b>Assignments, workshops / quiz / Presentations</b>	<b>50 UE + 50 IE</b>	<b>50</b>	<b>2</b>
	<b>Total credits</b>				<b>12</b>

The Syllabus for the “Publications and Research Ethics” course is attached as **Annexure – XXVIII**.

**Item No. EC-22 (xii)-24:** To discuss and approve the **increase in intake of BBA Programme from 90 seats to 120 seats from the Academic Year 2024-25.**

**Resolution No. EC-22 (xii)-24:** After thorough discussion, it was unanimously resolved that considering the demand for education in business and management, the need for the programme, and the growing interest from prospective students, the intake for the BBA programme be increased from 90 seats to 120 seats from the Academic Year 2024-25.

**(B) Recommendations related to the Centre for Online Learning:**

**Item No. EC-22 (xiii)-24:** The consider the proposal to establish **Dr. D. Y. Patil Vidyapeeth's Centre for Skill Development** and to start **Professional Certificate Programmes** under the proposed Centre for Skill Development.

**Resolution No. EC-22 (xiii)-24:** After discussions, it was resolved that a new Centre i.e. **"Dr. D. Y. Patil Vidyapeeth's Centre for Skill Development"** be established and the following **Professional Certificate Programmes** be started under the proposed Centre for Skill Development from the Academic Year 2024-25 onwards.

**PREAMBLE**

- To ensure our curriculum offerings remain aligned with industry demands, it's crucial to consider the skill requirements identified by the **Ministry of Skill Development & Entrepreneurship (MSDE), National Skill Development Corporation (NSDC), Sector Skill Councils (SSCs)**, and relevant industry bodies for trending domains.
- The Ministry of Govt of India (**MSDE**) has also emphasized in **NEP 2020** to impart skills to youth.
- **Furthermore, the Ministry** is responsible for the co-ordination of all **Skill Development** efforts across the country, the removal of the disconnect between demand and supply of skilled manpower, building the vocational and technical training framework, skill up-gradation, building of new skills and innovative thinking not only for existing jobs but also jobs that are to be created.
- The Ministry aims to skill on a large scale with speed and high standards in order to achieve its vision of a '**Skilled India**'.
- NSDC Skill report is published and available on website of MSDE, indicate a surge in demand for skilled professionals in areas like **cybersecurity, project management, healthcare & hospital administration, and digital marketing.** ( <https://nsdcindia.org/nsdcreports> ).

**The following Five professional certifications and one certificate program under the proposed Centre for Skill Development be introduced from the Academic Year 2024-25 onwards.**

Sr. No.	Name of The Program	Duration	Credits	Marks
1	Professional Certification in cybersecurity management	5 months	15	500
2	Professional Certification in Project Management with Agile	5 months	15	500
3	Professional Certification in advanced Digital Marketing with AI	5 months	15	500
4	Professional Certification Lean Six Sigma with Total Quality Management (TQM)	5 months	15	500
5	Professional Certification in Strategic HR – Hire to Retire	5 months	15	500
6	Advanced Certificate in Hospital Operations and Administration	6 months	20	625



**Eligibility –**

1. For a candidate to be eligible for admission in professional certification will have a graduation degree from a recognized university or its equivalent from any stream and have secured 45 percent marks at the graduation level. Professionals with relevant work experience can be preferred candidates for these offerings.
2. For the Certificate Program in Hospital Administration and Disaster Management, graduates other than in medical or para-medical domain need to have at least 1 year of experience in Hospital administration.

**Batch Intake** –Maximum learners allowed in 1 batch of each course is -60 only. However, if there is more demand for the course then multiple batches can be run for the respective course.

**Evaluation Scheme-**

- Each course will have 3 modules.
- Each module will have 4 units.
- So, we will conduct a module-based continuous assessment of 25 marks each.

Further bifurcation of 25 marks will be like –10 marks for multiple choice questions MCQs and 15 marks will be for practical assignments like scenario-based questions.

<b>Evaluation module-based continuous assessment (25 marks)</b>	
Multiple choice questions	Practical Assignment
10	15

- There will be 3 module-based continuous learning assessments (75 Marks) and the last assignment will be based on a capstone project of 25 marks.
- The distribution of 25 marks capstone project is 15 marks for the project report and 10 marks for viva or presentation.
- So, in a nutshell, one course will have 100 marks and the individual professional certification will have 500 marks.

The program structures with syllabus are attached as **Annexure – XXIX**.

**Item No. EC-22(xiv)-24: To discuss and approve the restructuring of BBA (Online) programme from three years to four Years BBA / BBA (Honors) / BBA (Honors with Research) programme, along with course structure and syllabus specializations.**

Note: As a part of the implementation of NEP-2020 regulations and as per the decision of UGC regarding the offering of a bachelor's programme with a duration of 4 years in ODL/Online mode by the HEIs, who are already entitled to offer 3-year bachelor's degree programme, the Vidyapeeth's Centre for Online Learning is willing to convert its existing 3-year bachelor's degree programme i.e. BBA into 4-year bachelor's degree programme i.e. BBA / BBA (Honors) / BBA (Honors with Research). Accordingly, the Vidyapeeth is willing to submit the proposal for conversion of existing 3-year BBA programme into 4-year Bachelor's (Hons.) Degree in ODL/Online mode.

**Resolution No. EC-22(xiv)-24: After fruitful discussions, it was resolved that the existing 3-year Online BBA Programme be converted into a 4-year Online BBA / BBA (Honors) / BBA (Honors with Research), by adopting the Multiple Entry and Multiple Exit options, as per NEP-2020, from the Batch 2025-26 & onwards.**

The recommended course structure of the 4-year Online BBA / BBA (Honors) / BBA (Honors with Research) programme (i.e. Semesters I to VIII), curriculum, and its evaluation scheme to be implemented from the Batch 2025-26 & onwards, be accepted and approved.

Further, it was resolved that the Centre for Online Learning be given permission to submit the necessary proposals/information on respective portals, such as UGC-DEB, AICTE, etc.

The details of course structure (Semesters I to VIII), curriculum, and examination pattern is enclosed as **Annexure – XXX**.

**Item No. EC-22(xv)-24:** To discuss and approve the reduction in intake for the online mode MBA programme from the Academic Year 2024-25.

**Resolution No. EC-22(xiv)-24:** After thorough discussion, it was unanimously resolved that, due to the volatility in admissions for the online MBA programme in recent years, the intake for the online MBA programme be reduced from 22,000 learners to 18,000 learners from the Academic Year 2024-25.

**Item No. EC-22(xvi)-24:** To discuss and approve the introduction of various new undergraduate (UG) and postgraduate (PG) programmes in online mode from the Academic Year 2024-25.

**Resolution No. EC-22(xvi)-24:** After discussion on the institution's commitment to offering flexible and innovative learning opportunities aligned with current educational and industry trends, it was unanimously resolved to approve the introduction of the following new UG and PG programs in online mode, from the Academic Year 2024-25 and onwards. The necessary infrastructure, resources, and regulatory approvals shall be arranged to support these programs.

**Details are below:**

Sr. No	Programme Name	Level	Proposed Intake
1	Bachelor of Computer Applications (BCA)	UG	2000
2	Master of Computer Applications (MCA)	PG	3000
3	Bachelor of Commerce (B. Com.)	UG	500
4	Master of Science in Psychology (M.Sc. Psychology)	PG	500

**Item No. EC-23-24:** To consider recommendations made by the Academic Council at its meeting held on 14<sup>th</sup> June, 2024 related to the Faculty of Liberal Arts.

**Note:** The following item was discussed in the meetings of the Board of Studies in Liberal Arts, Faculty of Liberal Arts, and Academic Council at its meetings held on 27<sup>th</sup> May, 2024 and 14<sup>th</sup> June, 2024, respectively. The recommendations of the Academic Council were placed before the Executive Council for its approval.





**The Executive Council approved as follows:**

**Item No. EC-23 (i)-24: To consider and approve the syllabus of the 3<sup>rd</sup> Year of the Bachelor of Performing Arts (BPA) Programmes.**

[Note: In earlier meetings, the course structure, course details and Choice-Based Credit System (CBCS) Curriculum / Syllabus with Graduate Attributes, Programme Outcomes (POs), Course Outcomes (COs), outcome analysis of COs & POs and mapping of COs with POs for Bachelor of Performing Arts (BPA) Programmes were discussed and approved in Academic Council held on 29<sup>th</sup> July, 2022 & Board of Management held on 10<sup>th</sup> August, 2022. The Syllabus of Bachelor of Performing Arts Programmes, 1<sup>st</sup> Year (Sem I & Sem II) was discussed and approved in the Academic Council held on 29<sup>th</sup> July, 2022 & Board of Management held on 10<sup>th</sup> August, 2022, respectively. The syllabus of 2<sup>nd</sup> Year of Bachelor of Performing Arts Programmes (SEM III & SEM IV) was discussed and approved in Academic Council held on 31<sup>st</sup> July, 2023 & Board of Management held on 13<sup>th</sup> August, 2023, respectively and the same has already been implemented.]

**Resolution No. EC-23 (i)-24: After discussion, it was resolved that the Semester System Syllabus of the 3<sup>rd</sup> Year (Semester– V & Semester–VI) of the Bachelor of Performing Arts in (“Kathak”, “Bharatnatyam”, “Nritya Yoga” and “Dance & Choreography”) Programmes, be approved.**

**Further, it was resolved that this syllabus be made applicable for the batch of students admitted for the 3<sup>rd</sup> Year of Bachelor of Performing Arts (“Kathak”, “Bharatnatyam”, “Nritya Yoga” and “Dance & Choreography”) Programmes from the Academic Year 2024-25 (batch of students admitted for the 1<sup>st</sup> Year from the Academic Year 2022-23) and onwards. The detailed syllabus is enclosed as Annexure – XXXI.**

**Item No. EC-23 (ii)-24: To consider and approve the syllabus of the 2<sup>nd</sup> Year of the Master of Performing Arts (MPA) Programmes.**

[Note: In earlier meetings, the course structure, course details and Choice-Based Credit System (CBCS) Curriculum / Syllabus with Graduate Attributes, Programme Outcomes (POs), Course Outcomes (COs), outcome analysis of COs & POs and mapping of COs with POs for Master of Performing Arts (MPA) Programmes were discussed and approved in Academic Council held on 31<sup>st</sup> July, 2023 & Board of Management held on 13<sup>th</sup> August, 2023, respectively. The syllabus of the 1<sup>st</sup> Year of Master of Performing Arts Programmes (SEM I & SEM II) was discussed and approved in the Academic Council held on 31<sup>st</sup> July, 2023 & Board of Management held on 13<sup>th</sup> August, 2023, respectively and the same has already been implemented.]

**Resolution No. EC-23 (ii)-24: After discussion, it was resolved that the Semester System Syllabus of the 2<sup>nd</sup> Year (Semester – III & Semester– IV) of the Master of Performing Arts in (“Kathak” and “Bharatnatyam”) Programmes, be approved.**

**Further, it was resolved that this syllabus be made applicable for the batch of students admitted for the 2<sup>nd</sup> Year of Master of Performing Arts (“Kathak” and “Bharatnatyam”) Programmes from the Academic Year 2024-25 (batch of students admitted for the 1<sup>st</sup> Year from the Academic Year 2023-24) and onwards. The detailed syllabus is enclosed as Annexure – XXXII.**



**Item No. EC-24-24:** To consider recommendations made by the **Academic Council** at its meeting held on **14<sup>th</sup> June, 2024** related to the **Undergraduate Research Policy** of the Vidyapeeth for its Constituent Colleges / Institutes from the **Academic Year 2024-25 onwards**.

**Resolution No. EC-24-24:** Dr. D. Y. Patil Vidyapeeth, Pune has developed the **Undergraduate Research Policy**, which aims to create a formal framework to encourage and support undergraduate students in their research pursuits, as well as to implement the **Journal Club to publication initiative**.

After discussions it was resolved that, the **Undergraduate Research Policy** of Dr. D. Y. Patil Vidyapeeth, Pune, be approved.

The Undergraduate Research Policy is enclosed as **Annexure – XXXIII**.

**Item No. EC-25-24:** To consider and approve recommendations made by the **Finance Committee** at its meeting held on **18<sup>th</sup> June, 2024**.

[Note: The following items were discussed in the meeting of the **Finance Committee** held on **18<sup>th</sup> June, 2024** on the recommendations made by the **Committee of Experts** at its meeting held on **5<sup>th</sup> June, 2024** for fixation of fees and other recommendations made by the Finance Committee].

The recommendations of the Finance Committee were placed before the Executive Council for its consideration and approval.

**The Executive Council approved as follows:**

**Item No. EC-25 (i)-24:** To consider and approve **confirmation of the fees for all UG and PG programs** of all Constituent Colleges / Institutes of the Vidyapeeth for the **Academic Year 2022-23, 2023-24, and Interim Fees for the Academic Year 2024-25**.

**Resolution No. EC-25 (i)-24:** It was resolved that fees for the UG and PG programs of all Constituent Colleges/institutes of the Vidyapeeth, for the Academic Year 2022-23, 2023-24, and the Interim Fees for the Academic Year 2024-25 recommended by the Committee of Experts and approved by the Finance Committee, be accepted and approved.

The details of the same are enclosed as **Annexure – XXXIV**.

**Item No. EC-25 (ii)-24:** To consider and approve the **fee structure of new Fellowships and Certificate Courses** under the **Department of Pediatrics of Medical College** from the Academic Year 2024-25.

**Resolution No. EC-25 (ii)-24:** It was resolved that the fee structure for the new Fellowships and Certificate Courses started in the Department of Pediatrics of Medical College, for the Academic Year 2024-25, recommended by the Finance Committee, be accepted and approved.





**Details of Fellowship and Certificate courses under the Department of Pediatrics: -**

Sr. No.	Name of the Programme / Course	Duration	Recommended Fees per year (Rs. in Lakhs)
1	Fellowship in Pediatrics Neurology	2 Years	3.00
2	Fellowship in Pediatrics Critical Care	1 Year	1.00
3	Fellowship in Pediatrics Gastroenterology and Hepatology	1 Year	1.00
4	Fellowship in Pediatrics Nephrology	1 Year	1.00
5	Certificate Course in Genetic Counselling	6 Months	0.40

**Item No. EC-25 (iii)-24:** To consider and approve the Fee Structure for Professional Certificate Courses under Dr. D. Y. Patil Vidyapeeth's Centre for Skill Development.

**Resolution No. EC-25 (iii)-24:** It was resolved that the fee structure for Professional Certificate courses introduced at of Dr. D. Y. Patil Vidyapeeth's Centre for Skill Development, from the Academic Year 2024-25 onwards, recommended by the Finance Committee, be accepted and approved.

The details of the same are enclosed as **Annexure – XXXV**.

**Item No. EC-26-24:** To consider and approve the revised Memorandum of Association (MoA) / Rules of Dr. D. Y. Patil Vidyapeeth, Pimpri, Pune in accordance with UGC (Institutions Deemed to be Universities) Regulations, 2023 dated 2<sup>nd</sup> June, 2023 and subsequent amendments in the Bye-laws of the Vidyapeeth.

**Resolution No. EC-26-24:** The Memorandum of Association (MoA) / Rules of Dr. D. Y. Patil Vidyapeeth, Pimpri, Pune, amended as per the UGC (Institutions Deemed to be Universities) Regulations, 2023 dated 2<sup>nd</sup> June, 2023 and subsequent amendments in the Bye-laws of the Vidyapeeth be accepted and approved.

**Item No. EC-27-24:** To consider and approve the sanctioned posts of teaching staff at all Constituent Colleges / Institutes of the Vidyapeeth for the Academic Year 2024-25.

**Resolution No. EC-27-24:** After taking into consideration the students' strength and staff requirements as per statutory regulatory authorities, it was resolved that sanctioned full time teaching posts, along with additional posts needed as requested by the Constituent Colleges / Institutes of the Vidyapeeth for the Academic Year 2024-25, be approved. The details of sanctioned/approved full-time teachers are separately enclosed.

**Item No. EC-28-24:** To consider and approve the sanctioned intake capacity of the programmes run in the Constituent Colleges / Institutes of the Vidyapeeth for the Academic Year 2024-25.

**Resolution No. EC-28-24:** After taking into consideration the infrastructure, adequate faculty, and demand for the programmes offered in the Constituent Colleges / Institutes of the Vidyapeeth, it was resolved that the sanctioned intake capacity of all the programmes run in the Constituent Colleges / Institutes of the Dr. D. Y. Patil Vidyapeeth, Pune, for the Academic Year 2024-25, be approved. The details of sanctioned/approved intake are enclosed separately.



**Item No. EC-29-24:** To Any other Item with the consent of the Chair.

**Item No. EC-29(i)-24:** To consider and approve the **Policy on Supporting Academic Freedom**.

(Note: Vidyapeeth has prepared the **Policy on Supporting Academic Freedom** to foster a Collaborative, supportive, and Inclusive Environment in the academic space for advancement and intellectual exploration. The same is placed before the Executive Council for its consideration and approval.)

**Resolution No. EC-29(i)-24:** After discussions it was resolved that the “**Policy on Supporting Academic Freedom**” for the Vidyapeeth containing Vision, Mission, Policy Statement, Scope, Guidelines, Governance and Oversight, Dispute Resolution, etc., be approved. The **Policy on Supporting Academic Freedom** is enclosed as Annexure – XXXVI.

**Item No. EC-29(ii) -24:** To consider and approve the **Revised Policy for Inclusive Educational Outreach Activities (Amended in June, 2024)** of the Vidyapeeth.

(Note: Vidyapeeth had its Policy for Inclusive Educational Outreach Activities, duly approved by the Board of Management, at its meeting held on 28<sup>th</sup> November, 2022, vide its Resolution No. BM-57-22. Considering the revised guidelines from UGC it is necessary to revise the said Policy. Accordingly, the **Policy for Inclusive Educational Outreach Activities (Amended in June, 2024)** has been prepared. The same is placed before the Executive Council for its consideration and approval.)

**Resolution No. EC-29 (ii)-24:** After discussions, it was resolved that the “**Revised Policy for Inclusive Educational Outreach Activities (Amended in June, 2024)**” for the Vidyapeeth, containing Vision, Mission, Policy Statement, Guiding Principles, Implementation Guidelines, Reporting and Complaints, Review and Updates, etc., be approved. The Revised Policy is enclosed as Annexure – XXXVII.

**Item No. EC-29(iii) -24:** To consider and approve the **Revised Water Conservation and Reuse Policy (Amended in June, 2024)** of the Vidyapeeth.

(Note: Vidyapeeth had its Water Conservation Policy, duly approved by the Board of Management, at its meeting held on 25<sup>th</sup> April, 2014, vide its Resolution No. BM-27(iv)-14. Considering the revised guidelines, it is necessary to modify the said Policy. Accordingly, the **Revised Water Conservation and Reuse Policy (Amended in June, 2024)** has been prepared. The same is placed before the Executive Council for its consideration and approval.)

**Resolution No. EC-29 (iii)-24:** After discussions, it was resolved that the “**Revised Water Conservation and Reuse Policy (Amended in June, 2024)**” for the Vidyapeeth, containing Vision, Mission, Policy Statement, Objectives, Implementation Guidelines, Liability, Accountability, Action Plans and Goals, Regulations and Enforcement Mechanism, Review and Amendments, etc., be approved. The Revised Policy is enclosed as Annexure – XXXVIII.



**Item No. EC-29(iv) -24:** To consider and approve the **Revised Energy Conservation and Energy Efficiency Policy (Amended in June, 2024)** of the Vidyapeeth.

(Note: Vidyapeeth had its **Energy Conservation and Energy Efficiency Policy**, duly approved by the Board of Management, at its meeting held on 25<sup>th</sup> April, 2014, vide its Resolution No. BM-27(iv)-14. Considering the revised guidelines, it is necessary to modify the said Policy. Accordingly, the **Revised Energy Conservation and Energy Efficiency Policy (Amended in June, 2024)** has been prepared. The same is placed before the Executive Council for its consideration and approval.)

**Resolution No. EC-29 (iv)-24:** After discussions, it was resolved that the “**Revised Energy Conservation and Energy Efficiency Policy (Amended in June, 2024)**” for the Vidyapeeth, containing **Vision, Mission, Policy Statement, Objectives, Implementation Guidelines, Review and Amendments, etc.,** be approved. The Revised Policy is enclosed as Annexure – XXXIX.


**Item No. EC-29(v) -24:** To consider and approve the **Revised DPU Training and Placement Policy (Amended in June, 2024)** of the Vidyapeeth.

(Note: Vidyapeeth had its **DPU Training and Placement Policy**, duly approved by the Board of Management, at its meeting held on 25<sup>th</sup> April, 2014, vide its Resolution No. BM-27(vi)-14. Considering the ever-changing learning environment, professional standards, and career aspirations of students, as well as employability opportunities, it is necessary to modify the policy. Accordingly, the **Revised Training and Placement Policy (Amended in June, 2024)** has been prepared. The same is placed before the Executive Council for its consideration and approval.)

**Resolution No. EC-29 (v)-24:** After discussions, it was resolved that the “**Revised Training and Placement Policy (Amended in June, 2024)**” for the Vidyapeeth, containing **Vision, Mission, Policy Statement, Objectives, Training and Placement related activities, Student Policy for T&P, and review and updates, etc.,** be approved. The Revised Policy is enclosed as Annexure – XL.

The meeting ended with a vote of thanks to the chair.

  
(Dr. Narendra M. Kadu)  
Registrar

  
(Prof. N. J. Pawar)  
Chairman

Place: Pune

Date: 26 / 06 / 2024