



# ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

## EXTRACT OF THE MINUTES OF MEETING OF BOARD OF STUDIES HELD DURING DECEMBER - 2021

I, the undersigned hereby certify that following extract of minutes, passed by different Board of Studies (BoS) of Atmiya University in its meetings, is true and correct and are in force and effect.

- Meetings of various BoS were convened as per the date mentioned against its name in the table below.
- The introduction of new courses, as outlined in the agenda items detailed in the table below, was discussed by each BoS.
- The respective BoS resolved and approved the introduction of new courses in relevant programs, as specified in the table below.
- Total number of new courses collectively approved by all BoS were **233**. List of courses is attached as annexure.

| S.N. | Name of the Board    | Date of Meeting<br>(DD/MM/YY) | MoM Agenda No.       | No. of New Courses Approved |
|------|----------------------|-------------------------------|----------------------|-----------------------------|
| 1    | Biotechnology        | 11-12-2021                    | Agenda 3, 4 and 5    | 15                          |
| 2    | Microbiology         | 10-12-2021                    | Agenda 3, 4 and 5    | 19                          |
| 3    | Chemistry            | 11-12-2021                    | Agenda 4, 5, 6 and 7 | 17                          |
| 4    | Industrial Chemistry | 10-12-2021                    | Agenda 4, 5 and 6    | 15                          |
| 5    | Physics              | 11-12-2021                    | Agenda 4, 5 and 6    | 6                           |
| 6    | Computer Application | 11-12-2021                    | Agenda 4, 5 and 6    | 6                           |
| 7    | Computer Science     | 10-12-2021                    | Agenda 4, 5 and 6    | 2                           |
| 8    | Mathematics          | 10-12-2021                    | Agenda 4, 5 and 6    | 12                          |
| 9    | Management           | 11-12-2021                    | Agenda 6 and 7       | 20                          |




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| S.N.         | Name of the Board      | Date of Meeting (DD/MM/YY) | MoM Agenda No.       | No. of New Courses Approved |
|--------------|------------------------|----------------------------|----------------------|-----------------------------|
| 10           | Commerce               | 10-12-2021                 | Agenda 4, 5 and 6    | 20                          |
| 11           | Civil Engineering      | 11-12-2021                 | Agenda 4, 5 and 6    | 16                          |
| 12           | Computer Engineering   | 11-12-2021                 | Agenda 4, 5 and 6    | 18                          |
| 13           | Electrical Engineering | 11-12-2021                 | Agenda 4, 5 and 6    | 13                          |
| 14           | Information Technology | 10-12-2021                 | Agenda 4, 5 and 6    | 4                           |
| 15           | Mechanical Engineering | 10-12-2021                 | Agenda 4, 5, 6 and 7 | 13                          |
| 16           | Pharmacy               | 10-12-2021                 | Agenda 4, 5 and 6    | 23                          |
| 17           | English                | 11-12-2021                 | Agenda 4, 5 and 6    | 9                           |
| 18           | Interdisciplinary      | 11-12-2021                 | Agenda 4, 5 and 6    | 5                           |
| <b>Total</b> |                        |                            |                      | <b>233</b>                  |

SIGNED AND CERTIFIED as a true and correct record.

  
Dr. D. D. Vyas  
Registrar  
Atmiya University  
Rajkot

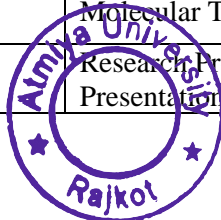




## Annexure

### List of new courses approved during the Board of Studies meetings held during December 2021

| S.N. | Name of the Board | Name of the Programme | Name of the Course                                       | Course Code | Year of Introduction |
|------|-------------------|-----------------------|--|-------------|----------------------|
| 1    | Biotechnology     | B.Sc. Biotechnology   | Core 3: Introductory Microbiology                        | 21BBTCC201  | 2021-2022            |
| 2    | Biotechnology     | B.Sc. Biotechnology   | Core 4: Mathematics for Biologist                        | 21BBTCC202  | 2021-2022            |
| 3    | Biotechnology     | B.Sc. Biotechnology   | Core 5: Enzymology and Metabolism                        | 21BBTCC203  | 2021-2022            |
| 4    | Biotechnology     | B.Sc. Biotechnology   | Core Practical 2: Microbiology & Enzymology              | 21BBTCC204  | 2021-2022            |
| 5    | Biotechnology     | B.Sc. Biotechnology   | IDC 2: Biology   | 21BBTIC201  | 2021-2022            |
| 6    | Biotechnology     | B.Sc. Biotechnology   | IDC Practical 2: Biology                                 | 21BBTIC202  | 2021-2022            |
| 7    | Microbiology      | B.Sc. Microbiology    | Core 3: General Biochemistry                             | 21BMBCC201  | 2021-2022            |
| 8    | Microbiology      | B.Sc. Microbiology    | Core 4: Bioinstrumentation                               | 21BMBCC202  | 2021-2022            |
| 9    | Microbiology      | B.Sc. Microbiology    | Core 5: Environmental Microbiology and Microbial Ecology | 21BMBCC203  | 2021-2022            |
| 10   | Microbiology      | B.Sc. Microbiology    | Core Practical 2: Microbial Techniques -II               | 21BMBCC204  | 2021-2022            |
| 11   | Biotechnology     | M.Sc. Biotechnology   | Core 5: Genomics and Proteomics                          | 21MBTCC201  | 2021-2022            |
| 12   | Biotechnology     | M.Sc. Biotechnology   | Core 6: Instrumentation and Techniques                   | 21MBTCC202  | 2021-2022            |
| 13   | Biotechnology     | M.Sc. Biotechnology   | Core 7: Immunology                                       | 21MBTCC203  | 2021-2022            |
| 14   | Biotechnology     | M.Sc. Biotechnology   | Core 8: Bioinformatics                                   | 21MBTCC204  | 2021-2022            |
| 15   | Biotechnology     | M.Sc. Biotechnology   | Combined Practical Core 2: Molecular Techniques          | 21MBTCC205  | 2021-2022            |
| 16   | Biotechnology     | M.Sc. Biotechnology   | Research Proposal Presentation                           | 21MBTCE01   | 2021-2022            |



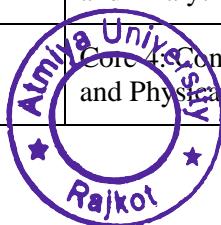


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| S.N. | Name of the Board | Name of the Programme                       | Name of the Course   | Course Code | Year of Introduction |
|------|-------------------|---|--|-------------|----------------------|
| 17   | Biotechnology     | M.Sc. Biotechnology                         | DSE-ID: Quality Assurance and Quality Control  | 21MBTID201  | 2021-2022            |
| 18   | Microbiology      | M.Sc. Microbiology                          | Core 6: Microbial Genetics   | 21MMBCC201  | 2021-2022            |
| 19   | Microbiology      | M.Sc. Microbiology                          | Core 7: Virology and Mycology  | 21MMBCC202  | 2021-2022            |
| 20   | Microbiology      | M.Sc. Microbiology                          | Core 8: Clinical Microbiology  | 21MMBCC203  | 2021-2022            |
| 21   | Microbiology      | M.Sc. Microbiology                          | Core 9: Instrumentation and Techniques   | 21MMBCC204  | 2021-2022            |
| 22   | Microbiology      | M.Sc. Microbiology                          | Core Practical 2: Molecular Techniques   | 21MMBCC205  | 2021-2022            |
| 23   | Microbiology      | M.Sc. Microbiology                          | Research Proposal Presentation   | 21MMBCE01   | 2021-2022            |
| 24   | Microbiology      | PG Diploma in Medical Laboratory Technology | Core 4: Clinical Microbiology and Serology   | 21DMLTCC201 | 2021-2022            |
| 25   | Microbiology      | PG Diploma in Medical Laboratory Technology | Core 5: Histotechniques and Laboratory Instrumentation                               | 21DMLTCC202 | 2021-2022            |
| 26   | Microbiology      | PG Diploma in Medical Laboratory Technology | Combined Core Practical 3: Clinical Microbiology and Molecular Diagnostic Techniques | 21DMLTCC203 | 2021-2022            |
| 27   | Microbiology      | PG Diploma in Medical Laboratory Technology | Skill Training/ Internship   | 21DMLTCC204 | 2021-2022            |
| 28   | Microbiology      | PG Diploma in Medical Laboratory Technology | Field Visit / Social Immersion Activity  | 21DMLTCE01  | 2021-2022            |
| 29   | Microbiology      | PG Diploma in Medical Laboratory Technology | DSE-Core 2: Advance Molecular Techniques   | 21DMLTDC201 | 2021-2022            |
| 30   | Microbiology      | PG Diploma in Medical Laboratory Technology | DSE-Core 2: Immunology   | 21DMLTDC202 | 2021-2022            |
| 31   | Chemistry         | B.Sc. Chemistry                             | Core 3: Conceptual Inorganic and Analytical Chemistry                                | 21BCHCC201  | 2021-2022            |
| 32   | Chemistry         | B.Sc. Chemistry                             | Core 4: Conceptual Organic and Physical Chemistry                                    | 21BCHCC202  | 2021-2022            |



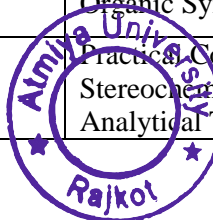


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|------|----------------------|----------------------------|---|-------------|----------------------|
| 33   | Chemistry            | B.Sc. Chemistry            | Core Practical 2: Combined Practical  | 21BCHCC203  | 2021-2022            |
| 34   | Industrial Chemistry | B.Sc. Industrial Chemistry | Core 3: Industrial Instrumentations   | 21BICCC201  | 2021-2022            |
| 35   | Industrial Chemistry | B.Sc. Industrial Chemistry | Core 4: Material Science  | 21BICCC202  | 2021-2022            |
| 36   | Industrial Chemistry | B.Sc. Industrial Chemistry | Core 5: Polymer Science & Technology  | 21BICCC203  | 2021-2022            |
| 37   | Industrial Chemistry | B.Sc. Industrial Chemistry | Core Practical 2: Industrial Chemistry -II  | 21BICCC204  | 2021-2022            |
| 38   | Industrial Chemistry | B.Sc. Industrial Chemistry | IDC 2: Chemistry: Basic Physicochemical Concepts                                      | 21BICIC201  | 2021-2022            |
| 39   | Industrial Chemistry | B.Sc. Industrial Chemistry | IDC Practical 2: Chemistry: Basic Physicochemical Concepts                            | 21BICIC202  | 2021-2022            |
| 40   | Physics              | B.Sc. Physics              | Core 3: Modern Physics & Sound  | 21BPYCC201  | 2021-2022            |
| 41   | Physics              | B.Sc. Physics              | Core 4: Digital Electronics   | 21BPYCC202  | 2021-2022            |
| 42   | Physics              | B.Sc. Physics              | Core Practical 2: Modern Physics and Sound & Digital Electronics - Combined Practical | 21BPYCC203  | 2021-2022            |
| 43   | Chemistry            | M.Sc. Chemistry            | Core 5: Separation Techniques   | 21MCHCC201  | 2021-2022            |
| 44   | Chemistry            | M.Sc. Chemistry            | Core 6: Organic Reactions & Rearrangements  | 21MCHCC202  | 2021-2022            |
| 45   | Chemistry            | M.Sc. Chemistry            | Core 7: Stereochemistry   | 21MCHCC203  | 2021-2022            |
| 46   | Chemistry            | M.Sc. Chemistry            | Core 8: Modern Analytical Techniques  | 21MCHCC204  | 2021-2022            |
| 47   | Chemistry            | M.Sc. Chemistry            | Practical Core 5 & 6: Separation Techniques & Organic Synthesis                       | 21MCHCC205  | 2021-2022            |
| 48   | Chemistry            | M.Sc. Chemistry            | Practical Core 7 & 8: Stereochemistry & Modern Analytical Techniques                  | 21MCHCC206  | 2021-2022            |



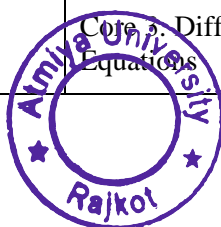


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|------|----------------------|---------------------------------------|--|---------------------------|----------------------|
| 49   | Chemistry            | M.Sc. Chemistry                       | CEC 1: Scientific Writing (Research Review & Presentation) | 21MCHCE01                 | 2021-2022            |
| 50   | Industrial Chemistry | M.Sc. Industrial Chemistry            | Core 4: Heterocyclic Chemistry                             | 21MICCC201                | 2021-2022            |
| 51   | Industrial Chemistry | M.Sc. Industrial Chemistry            | Core 5: Mechanical Operations                              | 21MICCC202                | 2021-2022            |
| 52   | Industrial Chemistry | M.Sc. Industrial Chemistry            | Core 6: Technologies in Chemical Industries                | 21MICCC203                | 2021-2022            |
| 53   | Industrial Chemistry | M.Sc. Industrial Chemistry            | Core 7: Unit Processes & Reagents                          | 21MICCC204                | 2021-2022            |
| 54   | Industrial Chemistry | M.Sc. Industrial Chemistry            | DSE-ID 2: Medicinal Chemistry                              | 21MICID202                | 2021-2022            |
| 55   | Industrial Chemistry | M.Sc. Industrial Chemistry            | Core Practical 3: MO, TCI                                  | 21MICCC205                | 2021-2022            |
| 56   | Industrial Chemistry | M.Sc. Industrial Chemistry            | Core Practical 4: MS, PC                                   | 21MICCC206                | 2021-2022            |
| 57   | Computer Application | B.C.A. / B.Sc. Information Technology | Core 3: Computer Organization and Architecture             | 21BCACC201/2<br>1BITCC201 | 2021-2022            |
| 58   | Computer Application | B.C.A. / B.Sc. Information Technology | Core 4: Data Structure using C                             | 21BCACC202/2<br>1BITCC202 | 2021-2022            |
| 59   | Computer Application | B.C.A. / B.Sc. Information Technology | Core 5: Web Programming -I                                 | 21BCACC203/2<br>1BITCC203 | 2021-2022            |
| 60   | Computer Application | B.C.A. / B.Sc. Information Technology | Core Practical 3: Data Structure using C                   | 21BCACC204/2<br>1BITCC204 | 2021-2022            |
| 61   | Computer Application | B.C.A. / B.Sc. Information Technology | Core Practical 4: Web Programming -I                       | 21BCACC205/2<br>1BITCC205 | 2021-2022            |
| 62   | Computer Application | B.C.A. / B.Sc. Information Technology | IDC 2: Advanced Mathematical and Statistical Techniques    | 21BCAIC201/2<br>1BITIC201 | 2021-2022            |
| 63   | Mathematics          | B.Sc. Mathematics                     | Core 2: Differential Equations                             | 21BMTCC201                | 2021-2022            |



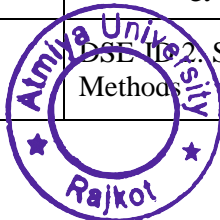


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|------|-------------------|--|---|--|----------------------|
| 64   | Mathematics       | B.Sc. Mathematics  | Core 4: Advanced Calculus   | 21BMTCC202                               | 2021-2022            |
| 65   | Mathematics       | B.Sc. Mathematics  | Core 5: Complex Variables   | 21BMTCC203                               | 2021-2022            |
| 66   | Mathematics       | B.Sc. Mathematics  | Core Practical 2: Practical on Differential Equations and Advanced Calculus using Mathematical Software | 21BMTCC204                               | 2021-2022            |
| 67   | Mathematics       | M.Sc. Mathematics  | Core 5: Advanced Ring Theory and Field Extensions   | 21MMTCC201                               | 2021-2022            |
| 68   | Mathematics       | M.Sc. Mathematics  | Core 6: Real Analysis   | 21MMTCC202                               | 2021-2022            |
| 69   | Mathematics       | M.Sc. Mathematics  | Core 7: Theory of Partial Differential Equations  | 21MMTCC203                               | 2021-2022            |
| 70   | Mathematics       | M.Sc. Mathematics  | Core 8: Advanced Classical Mechanics  | 21MMTCC204                               | 2021-2022            |
| 71   | Mathematics       | M.Sc. Mathematics  | Core Practical 2: Introduction to Latex   | 21MMTCC205                               | 2021-2022            |
| 72   | Mathematics       | M.Sc. Mathematics  | DSE-ID 2: Data Analysis Tools   | 21MMTID201                               | 2021-2022            |
| 73   | English           | All B.Sc. & B.C.A.   | Functional English  | 21ULCEN201                               | 2021-2022            |
| 74   | Chemistry         | B.Sc. Biotechnology /<br>B.Sc. Microbiology /<br>B.Sc. Physics | IDC 2: Chemistry  | 21BBTIC201/21<br>BMBIC201/21B<br>PYIC201 | 2021-2022            |
| 75   | Chemistry         | B.Sc. Biotechnology /<br>B.Sc. Microbiology /<br>B.Sc. Physics | IDC Practical 2: Chemistry  | 21BBTIC202/21<br>BMBIC202/21B<br>PYIC202 | 2021-2022            |
| 76   | Physics           | B.Sc. Chemistry / B.Sc.<br>Mathematics                         | IDC 2: Physics: Electronics<br>and Radiation Physics  | 21BCHIC201/2<br>1BMTIC201                | 2021-2022            |
| 77   | Physics           | B.Sc. Chemistry / B.Sc.<br>Mathematics                         | IDC Practical 2: Physics:<br>Electronics and Radiation<br>Physics                                       | 21BCHIC202/2<br>1BMTIC202                | 2021-2022            |
| 78   | Chemistry         | M.Sc. Biotechnology /<br>M.Sc. Microbiology                    | DSE-ID: Chemical<br>Technology  | 21MBTID202/2<br>1MMBID202                | 2021-2022            |
| 79   | Mathematics       | All M.Sc   | DSE-ID:2: Statistical<br>Methods  | 21MMTID202                               | 2021-2022            |



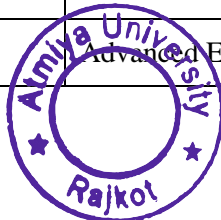


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|------|----------------------|---|--|-------------|----------------------|
| 80   | Industrial Chemistry | All M.Sc                                      | DSE-ID 2: Industrial and Environment Management        | 21MMBID201  | 2021-2022            |
| 81   | Management           | B.B.A.  | Core 5: Economics for Effective Management             | 21BBACC201  | 2021-2022            |
| 82   | Management           | B.B.A.  | Core 6: Modern Marketing Management                    | 21BBACC202  | 2021-2022            |
| 83   | Management           | B.B.A.  | Core 7: Human Resource Management                      | 21BBACC203  | 2021-2022            |
| 84   | Management           | B.B.A.  | Core 8: Principles of Accounting                       | 21BBACC204  | 2021-2022            |
| 85   | Management           | B.B.A.  | IDC 2: Mathematics for Management                      | 21BBAIC201  | 2021-2022            |
| 86   | Management           | B.B.A. (Entrepreneurship and Family Business) | Core 8: Banking and Financial Institution's Operations | 21BBECC204  | 2021-2022            |
| 87   | Management           | B.B.A. (Entrepreneurship and Family Business) | IDC 2: Business Statistics                             | 21BBEIC201  | 2021-2022            |
| 88   | Management           | M.B.A.  | Core 7: International Business                         | 21MBACC201  | 2021-2022            |
| 89   | Management           | M.B.A.  | Core 8: Human Resource Management                      | 21MBACC202  | 2021-2022            |
| 90   | Management           | M.B.A.  | Core 9: Financial Framework for Decision Making        | 21MBACC203  | 2021-2022            |
| 91   | Management           | M.B.A.  | Core 10: Production & Operations Management            | 21MBACC204  | 2021-2022            |
| 92   | Management           | M.B.A.  | Core 11: Business Research Methods                     | 21MBACC205  | 2021-2022            |
| 93   | Management           | M.B.A.  | Core 12: Strategic Cost Management                     | 21MBACC206  | 2021-2022            |
| 94   | Management           | M.B.A.  | DSE-ID 2: Quantitative & Business Analytics            | 21MBAID201  | 2021-2022            |
| 95   | English              | Integrated M.B.A.                             | Advanced English                                       | 21PLCEN201  | 2021-2022            |





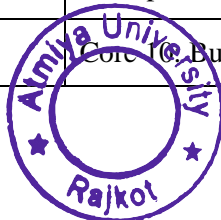


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|------|-------------------|-----------------------|--|-------------|----------------------|
| 96   | Management        | Integrated M.B.A.     | Core 5: Conceptual Study for Future Managers       | 21IMBACC201 | 2021-2022            |
| 97   | Management        | Integrated M.B.A.     | Core 6: Business Structure & Process               | 21IMBACC202 | 2021-2022            |
| 98   | Management        | Integrated M.B.A.     | Core 7: Financial Reporting                        | 21IMBACC203 | 2021-2022            |
| 99   | Management        | Integrated M.B.A.     | IDC 2: Business Statistics                         | 21IMBAID201 | 2021-2022            |
| 100  | Management        | Integrated M.B.A.     | IDC 3: Computer Proficiency for Managers           | 21IMBAIC202 | 2021-2022            |
| 101  | Commerce          | B. Com.               | Core 5: Accounting for Partnership Firms           | 21BCMCC201  | 2021-2022            |
| 102  | Commerce          | B. Com.               | Core 6: Principles of Macro Economics              | 21BCMCC202  | 2021-2022            |
| 103  | Commerce          | B. Com.               | Core 7: Fundamentals of Banking                    | 21BCMCC203  | 2021-2022            |
| 104  | Commerce          | B. Com.               | Core 8: Essentials of E-Commerce                   | 21BCMCC204  | 2021-2022            |
| 105  | Commerce          | B. Com.               | Core 9: Statistics for Business                    | 21BCMCC205  | 2021-2022            |
| 106  | Commerce          | B. Com.               | IDC 2: Fundamentals of Marketing and HR Management | 21BCMIC201  | 2021-2022            |
| 107  | Commerce          | B. Com. (Logistics)   | Communicative English for Logistics -I             | 21ULCEN205  | 2021-2022            |
| 108  | Commerce          | B. Com. (Logistics)   | Core 6: Principles of Economics                    | 21BCLCC201  | 2021-2022            |
| 109  | Commerce          | B. Com. (Logistics)   | Core 7: Freight Forwarding (Ocean & Air Cargo)     | 21BCLCC202  | 2021-2022            |
| 110  | Commerce          | B. Com. (Logistics)   | Core 8: Forecasting and Inventory Management       | 21BCLCC203  | 2021-2022            |
| 111  | Commerce          | B. Com. (Logistics)   | Core 9: Surface Transportation                     | 21BCLCC204  | 2021-2022            |
| 112  | Commerce          | B. Com. (Logistics)   | Core 10: Business Statistics                       | 21BCLCC205  | 2021-2022            |



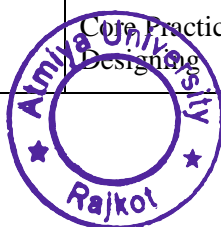


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|------|----------------------|------------------------------|---|-------------|----------------------|
| 113  | Commerce             | B. Com. (Logistics)          | Core-Elective 1: Management and Cost Accounting       | 21BCLCL201  | 2021-2022            |
| 114  | Commerce             | B. Com. (Logistics)          | Core-Elective 1: Banking & Finance                    | 21BCLCL202  | 2021-2022            |
| 115  | Commerce             | M. Com.                      | Core 4: Corporate Law                                 | 21MCMCC201  | 2021-2022            |
| 116  | Commerce             | M. Com.                      | Core 5: Corporate Financial Accounting                | 21MCMCC202  | 2021-2022            |
| 117  | Commerce             | M. Com.                      | Core 6: Quantitative Techniques                       | 21MCMCC203  | 2021-2022            |
| 118  | Commerce             | M. Com.                      | Core-Elective 2: Advanced Cost Accounting             | 21MCMCL201  | 2021-2022            |
| 119  | Commerce             | M. Com.                      | Core-Elective 2: Funds Management in Commercial Banks | 21MCMCL202  | 2021-2022            |
| 120  | Civil Engineering    | B.Tech. Civil Engineering    | Core 2: Basics of Structures                          | 21BTCICC201 | 2021-2022            |
| 121  | Civil Engineering    | B.Tech. Civil Engineering    | HSM 3: Fundamentals of Engineering Physics            | 21UHSPY201  | 2021-2022            |
| 122  | Civil Engineering    | B.Tech. Civil Engineering    | IDC 3: Fundamentals of Electrical Engineering         | 21BTCEIC201 | 2021-2022            |
| 123  | Civil Engineering    | B.Tech. Civil Engineering    | IDC 4: Engineering Graphics & Computer Drafting       | 21BTCEIC202 | 2021-2022            |
| 124  | Computer Engineering | B.Tech. Computer Engineering | Core 1: Problem Solving Techniques using C            | 21BTCECC201 | 2021-2022            |
| 125  | Computer Engineering | B.Tech. Computer Engineering | IDC 3: Fundamentals of Civil Engineering              | 21BTCEIC201 | 2021-2022            |
| 126  | Computer Engineering | B.Tech. Computer Engineering | IDC 4: Fundamentals of Mechanical Engineering         | 21BTCEIC202 | 2021-2022            |
| 127  | Computer Engineering | B.Tech. Computer Engineering | IDC 5: Basic Electronics                              | 21BTCEIC203 | 2021-2022            |
| 128  | Computer Engineering | B.Tech. Computer Engineering | Core Practical 1: Web Designing                       | 21BTCECC202 | 2021-2022            |



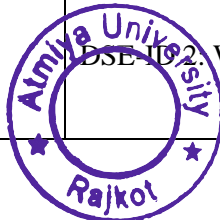


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|------|------------------------|--|---|-------------|----------------------|
| 129  | Computer Engineering   | B.Tech. Computer Engineering                           | IDC Practical 2: Mechanical Workshop                    | 21BTCEIC204 | 2021-2022            |
| 130  | Electrical Engineering | B.Tech. Electrical Engineering                         | IDC 2: Problem Solving Techniques using C               | 21BTEEIC201 | 2021-2022            |
| 131  | Electrical Engineering | B.Tech. Electrical Engineering                         | IDC Practical 2: Web Development                        | 21BTEEIC205 | 2021-2022            |
| 132  | Electrical Engineering | B.Tech. Electrical Engineering                         | IDC Practical 3: Mechanical Workshop                    | 21BTEEIC206 | 2021-2022            |
| 133  | Information Technology | B.Tech. Information Technology                         | HSM 3: Multivariate Calculus and Differential Equations | 21UH SMA201 | 2021-2022            |
| 134  | Information Technology | B.Tech. Information Technology                         | Core Practical 1: Web Development                       | 21BTITCC202 | 2021-2022            |
| 135  | Information Technology | B.Tech. Information Technology                         | Technical Communication                                 | 21UHSEN201  | 2021-2022            |
| 136  | Mechanical Engineering | B.Tech. Mechanical Engineering                         | Core 2: Engineering Graphics and Computer Drafting      | 21BTMECC201 | 2021-2022            |
| 137  | Civil Engineering      | M.Tech. Civil Engineering (Transportation Engineering) | Core 4: Traffic Engineering & Modeling                  | 21MCITCC201 | 2021-2022            |
| 138  | Civil Engineering      | M.Tech. Civil Engineering (Transportation Engineering) | Core 5: Pavement Analysis & Design                      | 21MCITCC202 | 2021-2022            |
| 139  | Civil Engineering      | M.Tech. Civil Engineering (Transportation Engineering) | Core 6: Transport Economics                             | 21MCITCC203 | 2021-2022            |
| 140  | Civil Engineering      | M.Tech. Civil Engineering (Transportation Engineering) | Core 7: Environment Impact Assessment                   | 21MCITCC204 | 2021-2022            |
| 141  | Civil Engineering      | M.Tech. Civil Engineering (Transportation Engineering) | DSE-IP2 Web Technology                                  | 21MCITID201 | 2021-2022            |



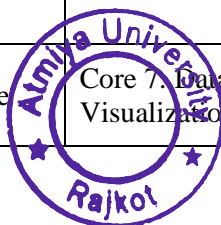


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| S.N. | Name of the Board    | Name of the Programme                                  | Name of the Course                                     | Course Code | Year of Introduction |
|------|----------------------|--|--|-------------|----------------------|
| 142  | Civil Engineering    | M.Tech. Civil Engineering (Transportation Engineering) | DSE-ID 2: Renewable Energy Sources                     | 21MCITID202 | 2021-2022            |
| 143  | Civil Engineering    | M.Tech. Civil Engineering (Transportation Engineering) | DSE-ID 2: Quality Engineering                          | 21MCITID203 | 2021-2022            |
| 144  | Civil Engineering    | M.Tech. Civil Engineering (Transportation Engineering) | DSE-ID 2: Arduino & Raspberry Pi Programming           | 21MCITID204 | 2021-2022            |
| 145  | Civil Engineering    | M.Tech. Civil Engineering (Transportation Engineering) | DSE-ID Practical 2: Web Technology                     | 21MCITID205 | 2021-2022            |
| 146  | Civil Engineering    | M.Tech. Civil Engineering (Transportation Engineering) | DSE-ID Practical 2: Renewable Energy Sources           | 21MCITID206 | 2021-2022            |
| 147  | Civil Engineering    | M.Tech. Civil Engineering (Transportation Engineering) | DSE-ID Practical 2: Quality Engineering                | 21MCITID207 | 2021-2022            |
| 148  | Civil Engineering    | M.Tech. Civil Engineering (Transportation Engineering) | DSE-ID Practical 2: Arduino & Raspberry Pi Programming | 21MCITID208 | 2021-2022            |
| 149  | Computer Engineering | M.Tech. Computer Engineering (Software Engineering)    | Core 4: Design of Language Translators                 | 21MCESCC201 | 2021-2022            |
| 150  | Computer Engineering | M.Tech. Computer Engineering (Software Engineering)    | Core 5: Computer Vision                                | 21MCESCC202 | 2021-2022            |
| 151  | Computer Engineering | M.Tech. Computer Engineering (Software Engineering)    | Core 6: Cyber Forensics                                | 21MCESCC203 | 2021-2022            |
| 152  | Computer Engineering | M.Tech. Computer Engineering (Software Engineering)    | Core 7: Data Analytics and Visualization               | 21MCESCC204 | 2021-2022            |



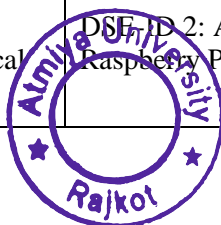


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|------|------------------------|--|---|-------------|----------------------|
| 153  | Computer Engineering   | M.Tech. Computer Engineering (Software Engineering)                    | DSE-ID 2: Road Traffic and Accident                                     | 21MCESID201 | 2021-2022            |
| 154  | Computer Engineering   | M.Tech. Computer Engineering (Software Engineering)                    | Core Practical 5: Design of Language Translators                        | 21MCESCC205 | 2021-2022            |
| 155  | Computer Engineering   | M.Tech. Computer Engineering (Software Engineering)                    | Core Practical 6: Computer Vision                                       | 21MCESCC206 | 2021-2022            |
| 156  | Computer Engineering   | M.Tech. Computer Engineering (Software Engineering)                    | Core Practical 7: Cyber Forensics                                       | 21MCESCC207 | 2021-2022            |
| 157  | Computer Engineering   | M.Tech. Computer Engineering (Software Engineering)                    | Core Practical 8: Data Analytics and Visualization                      | 21MCESCC208 | 2021-2022            |
| 158  | Computer Engineering   | M.Tech. Computer Engineering (Software Engineering)                    | DSE-ID Practical 2: Road Traffic and Accident                           | 21MCESID205 | 2021-2022            |
| 159  | Electrical Engineering | M.Tech. Electrical Engineering (Power Electronics & Electrical Drives) | Core 4: Advanced Power Electronics                                      | 21MEEPCC201 | 2021-2022            |
| 160  | Electrical Engineering | M.Tech. Electrical Engineering (Power Electronics & Electrical Drives) | Core 5: Solid Sate AC Drives  | 21MEEPCC202 | 2021-2022            |
| 161  | Electrical Engineering | M.Tech. Electrical Engineering (Power Electronics & Electrical Drives) | Core 6: Advanced Electrical Machine                                     | 21MEEPCC203 | 2021-2022            |
| 162  | Electrical Engineering | M.Tech. Electrical Engineering (Power Electronics & Electrical Drives) | Core 7: Application of Power Electronics in Renewable Energy Conversion | 21MEEPCC204 | 2021-2022            |
| 163  | Electrical Engineering | M.Tech. Electrical Engineering (Power Electronics & Electrical Drives) | DSE-ID 2: Arduinio & Raspberry Pi Programming                           | 21MEEPID204 | 2021-2022            |



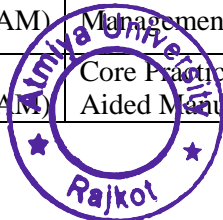


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|------|------------------------|--|---|-------------|----------------------|
| 164  | Electrical Engineering | M.Tech. Electrical Engineering (Power Electronics & Electrical Drives) | Core Practical 5: Advanced Power Electronics                                      | 21MEEPCC205 | 2021-2022            |
| 165  | Electrical Engineering | M.Tech. Electrical Engineering (Power Electronics & Electrical Drives) | Core Practical 6: Solid State AC Drives   | 21MEEPCC206 | 2021-2022            |
| 166  | Electrical Engineering | M.Tech. Electrical Engineering (Power Electronics & Electrical Drives) | Core Practical 7: Application of Power Electronics in Renewable Energy Conversion | 21MEEPCC207 | 2021-2022            |
| 167  | Electrical Engineering | M.Tech. Electrical Engineering (Power Electronics & Electrical Drives) | DSE-ID Practical 2: Arduino & Raspberry Pi Programming                            | 21MEEPID208 | 2021-2022            |
| 168  | Mechanical Engineering | M.Tech. Mechanical Engineering (Production)                            | Core 3: Engineering Material Technology   | 21MMEPCC201 | 2021-2022            |
| 169  | Mechanical Engineering | M.Tech. Mechanical Engineering (Production)                            | Core 4: Advanced Welding Technology   | 21MMEPCC202 | 2021-2022            |
| 170  | Mechanical Engineering | M.Tech. Mechanical Engineering (Production)                            | Core 5: Product Design & Reliability  | 21MMEPCC203 | 2021-2022            |
| 171  | Mechanical Engineering | M.Tech. Mechanical Engineering (Production)                            | Core 6: Principles of Management  | 21MMEPCC204 | 2021-2022            |
| 172  | Mechanical Engineering | M.Tech. Mechanical Engineering (Production)                            | Core Practical 4: Advanced Welding Technology                                     | 21MMEPCC205 | 2021-2022            |
| 173  | Mechanical Engineering | M. Tech. Mechanical Engineering (CAD/CAM)                              | Core 3: Finite Element Methods  | 21MMECCC201 | 2021-2022            |
| 174  | Mechanical Engineering | M. Tech. Mechanical Engineering (CAD/CAM)                              | Core 4: Computer Aided Manufacturing  | 21MMECCC202 | 2021-2022            |
| 175  | Mechanical Engineering | M. Tech. Mechanical Engineering (CAD/CAM)                              | Core 5: Advanced Engineering Materials  | 21MMECCC203 | 2021-2022            |
| 176  | Mechanical Engineering | M. Tech. Mechanical Engineering (CAD/CAM)                              | Core 6: Principles of Management  | 21MMECCC204 | 2021-2022            |
| 177  | Mechanical Engineering | M. Tech. Mechanical Engineering (CAD/CAM)                              | Core Practical 3: Computer Aided Manufacturing                                    | 21MMECCC205 | 2021-2022            |



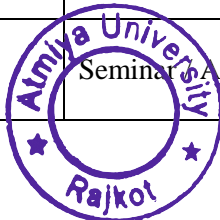


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| S.N. | Name of the Board | Name of the Programme     | Name of the Course   | Course Code | Year of Introduction |
|------|-------------------|---------------------------|--|-------------|----------------------|
| 178  | Pharmacy          | B. Pharm.                 | Core 5: Human Anatomy and Physiology -II                     | 21BPHCC201  | 2021-2022            |
| 179  | Pharmacy          | B. Pharm.                 | Core 6: Pharmaceutical Organic Chemistry -I                  | 21BPHCC202  | 2021-2022            |
| 180  | Pharmacy          | B. Pharm.                 | Core 7: Biochemistry   | 21BPHCC203  | 2021-2022            |
| 181  | Pharmacy          | B. Pharm.                 | Core 8: Pathophysiology                                      | 21BPHCC204  | 2021-2022            |
| 182  | Pharmacy          | B. Pharm.                 | Core 9: Computer Applications in Pharmacy                    | 21BPHCC205  | 2021-2022            |
| 183  | Pharmacy          | B. Pharm.                 | Core 10: Environmental Sciences                              | 21BPHCC206  | 2021-2022            |
| 184  | Pharmacy          | B. Pharm.                 | Core Practical 5: Human Anatomy and Physiology -II           | 21BPHCC207  | 2021-2022            |
| 185  | Pharmacy          | B. Pharm.                 | Core Practical 6: Pharmaceutical Organic Chemistry -I        | 21BPHCC208  | 2021-2022            |
| 186  | Pharmacy          | B. Pharm.                 | Core Practical 7: Biochemistry                               | 21BPHCC209  | 2021-2022            |
| 187  | Pharmacy          | B. Pharm.                 | Core Practical 8: Computer Applications in Pharmacy          | 21BPHCC210  | 2021-2022            |
| 188  | Pharmacy          | M. Pharm. (Pharmaceutics) | Core 5: Molecular Pharmaceutics (Nano Tech and Targeted DDS) | 21MPHPCC201 | 2021-2022            |
| 189  | Pharmacy          | M. Pharm. (Pharmaceutics) | Core 6: Advanced Biopharmaceutics & Pharmacokinetics         | 21MPHPCC202 | 2021-2022            |
| 190  | Pharmacy          | M. Pharm. (Pharmaceutics) | Core 7: Computer Aided Drug Delivery System                  | 21MPHPCC203 | 2021-2022            |
| 191  | Pharmacy          | M. Pharm. (Pharmaceutics) | Core 8: Cosmetic & Cosmeceuticals                            | 21MPHPCC204 | 2021-2022            |
| 192  | Pharmacy          | M. Pharm. (Pharmaceutics) | Core Practical 2: Pharmaceutics Practical -II                | 21MPHPCC205 | 2021-2022            |
| 193  | Pharmacy          | M. Pharm. (Pharmaceutics) | Seminar Assignment   | 21MPHPCC206 | 2021-2022            |





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|------|-------------------|---|---|-------------|----------------------|
| 194  | Pharmacy          | M. Pharm.<br>(Pharmaceutical Quality Assurance) | Core 5: Hazards and Safety Management                                       | 21MPHQCC201 | 2021-2022            |
| 195  | Pharmacy          | M. Pharm.<br>(Pharmaceutical Quality Assurance) | Core 6: Pharmaceutical Validation   | 21MPHQCC202 | 2021-2022            |
| 196  | Pharmacy          | M. Pharm.<br>(Pharmaceutical Quality Assurance) | Core 7: Audits and Regulatory Compliance                                    | 21MPHQCC203 | 2021-2022            |
| 197  | Pharmacy          | M. Pharm.<br>(Pharmaceutical Quality Assurance) | Core 8: Pharmaceutical Manufacturing Technology                             | 21MPHQCC204 | 2021-2022            |
| 198  | Pharmacy          | M. Pharm.<br>(Pharmaceutical Quality Assurance) | Core Practical 2: Pharmaceutical Quality Assurance Practical -II            | 21MPHQCC205 | 2021-2022            |
| 199  | Pharmacy          | M. Pharm.<br>(Pharmaceutical Quality Assurance) | Seminar / Assignment  | 21MPHQCC206 | 2021-2022            |
| 200  | English           | B.A.  | Functional English  | 21ULCEN204  | 2021-2022            |
| 201  | English           | B.A.  | Core 5: History of English Literature: Elizabethan Age to Neo-Classical Age | 21BAENCC201 | 2021-2022            |
| 202  | English           | B.A.  | Core 6: Introduction to Linguistics   | 21BAENCC202 | 2021-2022            |
| 203  | English           | B.A.  | Core 7: Literary Form: Drama  | 21BAENCC203 | 2021-2022            |
| 204  | English           | B.A.  | Core 8: Metaphysical Poetry   | 21BAENCC204 | 2021-2022            |
| 205  | English           | B.A.  | IDC 2: Management Foundation  | 21BAENIC201 | 2021-2022            |
| 206  | Interdisciplinary | All UG Programs                                 | FS 2: Orientation to Design Thinking  | 21UFSDT202  | 2021-2022            |
| 207  | Interdisciplinary | All UG Programs                                 | AECC 2: Environmental Conservation and Sustainable Development              | 21AEES201   | 2021-2022            |
| 208  | Interdisciplinary | All UG Programs                                 | AECC 3: Human Values for Holistic Living                                    | 21AEHV202   | 2021-2022            |





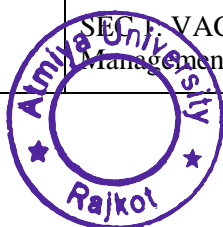


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|------|------------------------|-----------------------|--|-------------|----------------------|
| 209  | Chemistry              | All UG Programs       | SEC 1: VAC -Surface Coating Techniques             | 21AEVA001   | 2021-2022            |
| 210  | Chemistry              | All UG Programs       | SEC 1: VAC -Formulation of Detergents & Toiletries | 21AEVA002   | 2021-2022            |
| 211  | Chemistry              | All UG Programs       | SEC 1: VAC -Soil & Water Analysis                  | 21AEVA003   | 2021-2022            |
| 212  | Chemistry              | All UG Programs       | SEC 1: VAC -Icecream & Desserts                    | 21AEVA004   | 2021-2022            |
| 213  | Computer Science       | All UG Programs       | SEC 1: VAC -E-learning Tools                       | 21AEVA005   | 2021-2022            |
| 214  | Computer Science       | All UG Programs       | SEC 1: VAC -Desktop Data Publishing                | 21AEVA006   | 2021-2022            |
| 215  | Microbiology           | All UG Programs       | SEC 1: VAC -Mushroom Cultivation                   | 21AEVA007   | 2021-2022            |
| 216  | Microbiology           | All UG Programs       | SEC 1: VAC -Bakery and Confectionary               | 21AEVA008   | 2021-2022            |
| 217  | Biotechnology          | All UG Programs       | SEC 1: VAC -Food Adulteration                      | 21AEVA009   | 2021-2022            |
| 218  | Biotechnology          | All UG Programs       | SEC 1: VAC -Wealth from Waste                      | 21AEVA010   | 2021-2022            |
| 219  | Industrial Chemistry   | All UG Programs       | SEC 1: VAC -Polymer Chemistry                      | 21AEVA011   | 2021-2022            |
| 220  | Mathematics            | All UG Programs       | SEC 1: VAC -Vedic Mathematics                      | 21AEVA012   | 2021-2022            |
| 221  | Physics                | All UG Programs       | SEC 1: VAC -Circuit Designing and Fabrication      | 21AEVA013   | 2021-2022            |
| 222  | English                | All UG Programs       | SEC 1: VAC -English for Competitive Exams          | 21AEVA014   | 2021-2022            |
| 223  | Mechanical Engineering | All UG Programs       | SEC 1: VAC -Computer Aided Drawings                | 21AEVA015   | 2021-2022            |
| 224  | Electrical Engineering | All UG Programs       | SEC 1: VAC -Energy Management                      | 21AEVA016   | 2021-2022            |





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|------|------------------------|-----------------------|---|-------------|----------------------|
| 225  | Computer Engineering   | All UG Programs       | SEC 1: VAC -Internet Technology                                     | 21AEVA017   | 2021-2022            |
| 226  | Computer Engineering   | All UG Programs       | SEC 1: VAC -CISCO: Fundamentals of Networking                       | 21AEVA018   | 2021-2022            |
| 227  | Mechanical Engineering | All UG Programs       | SEC 1: VAC -Material Science and Measurement for day to day life    | 21AEVA019   | 2021-2022            |
| 228  | Management             | All UG Programs       | SEC 1: VAC - Entrepreneurship                                       | 21AEVA021   | 2021-2022            |
| 229  | Pharmacy               | All UG Programs       | SEC 1: VAC -Cosmetic Preparations                                   | 21AEVA022   | 2021-2022            |
| 230  | Commerce               | All UG Programs       | SEC-1: VAC -Financial Literacy & Taxation                           | 21AEVA023   | 2021-2022            |
| 231  | Interdisciplinary      | All UG Programs       | SEC 1: VAC -Prosperity through Self-Reliance (स्वावलंबन से समृद्धि) | 21AEVA024   | 2021-2022            |
| 232  | Information Technology | All UG Programs       | SEC 1: VAC -Computer Maintenance & Troubleshooting                  | 21AEVA020   | 2021-2022            |
| 233  | Interdisciplinary      | All PG Programs       | Wisdom & Ethics for Success in Life                                 | 21CEWE201   | 2021-2022            |

