

**CURRICULUM & SCHEME OF EXAMINATION – 2019-20**  
**B Arch: Five Years Program (Applicable from 2019 Batch and later)**

As per the Council of Architecture Minimum Standards for Architectural Education from Academic Session 2019-2020

| Year          | Course Code           | Course Name                 | L/S       | T         | P        | C         | Course Code            | Course Name                | L/S | T         | P         | C        |           |
|---------------|-----------------------|-----------------------------|-----------|-----------|----------|-----------|------------------------|----------------------------|-----|-----------|-----------|----------|-----------|
| <b>First</b>  | <b>First Semester</b> |                             |           |           |          |           | <b>Second Semester</b> |                            |     |           |           |          |           |
|               | AR 1101               | Architectural Design I      | 4         | 0         | 2        | 7         | AR 1201                | Architectural Design II    | 4   | 0         | 2         | 7        |           |
|               | AR 1102               | Building Const. & Mat. I    | 2         | 0         | 2        | 4         | AR 1202                | Building Const. & Mat. II  | 2   | 0         | 2         | 4        |           |
|               | AR 1103               | Arch. Representation I      | 2         | 0         | 2        | 3         | AR 1203                | Arch. Representation II    | 2   | 0         | 2         | 3        |           |
|               | AR 1104               | History of Architecture I   | 2         | 1         | 0        | 3         | AR 1204                | History of Architecture II | 2   | 1         | 0         | 3        |           |
|               | AR 1105               | Structures I                | 2         | 1         | 0        | 3         | AR 1205                | Structures II              | 2   | 1         | 0         | 3        |           |
|               | AR 1106               | Visual Arts & Workshop I    | 2         | 0         | 2        | 3         | AR 1206                | Visual Arts & Workshop II  | 2   | 0         | 2         | 3        |           |
|               | AR 1107               | Environmental Studies       | 2         | 1         | 0        | 3         | AR 1207                | Climate Responsive Arch.   | 2   | 1         | 0         | 3        |           |
|               | AR 1108               | Communication Skills        | 2         | 1         | 0        | 3         | AR 1208                | Surveying and Levelling    | 2   | 1         | 0         | 3        |           |
|               | <b>Total</b>          |                             |           | <b>18</b> | <b>4</b> | <b>8</b>  | <b>29</b>              | <b>Total</b>               |     |           | <b>18</b> | <b>4</b> | <b>8</b>  |
| <b>Second</b> | Course Code           | Course Name                 | L/S       | T         | P        | C         | Course Code            | Course Name                | L/S | T         | P         | C        |           |
|               | <b>Third Semester</b> |                             |           |           |          |           | <b>Fourth Semester</b> |                            |     |           |           |          |           |
|               | AR 2101               | Architectural Design III    | 4         | 0         | 2        | 7         | AR 2201                | Architectural Design IV    | 4   | 0         | 2         | 7        |           |
|               | AR 2102               | Building Const. & Mat. III  | 2         | 0         | 2        | 4         | AR 2202                | Building Const. & Mat. IV  | 2   | 0         | 2         | 4        |           |
|               | AR 2103               | Computer App. in Arch. I    | 2         | 0         | 2        | 3         | AR 2203                | Computer App. in Arch. II  | 2   | 0         | 2         | 3        |           |
|               | AR 2104               | History of Architecture III | 2         | 1         | 0        | 3         | AR 2204                | History of Architecture IV | 2   | 1         | 0         | 3        |           |
|               | AR 2105               | Structures III              | 2         | 1         | 0        | 3         | AR 2205                | Structures IV              | 2   | 1         | 0         | 3        |           |
|               | AR 2106               | Building Services I         | 2         | 1         | 0        | 3         | AR 2206                | Building Services II       | 2   | 1         | 0         | 3        |           |
|               | AR 2107               | Spec. Estimation & Costing  | 2         | 1         | 0        | 3         | AR 2207                | Building Codes & Byelaws   | 2   | 1         | 0         | 3        |           |
|               | AR 2108               | Landscape Architecture      | 2         | 0         | 2        | 3         | XX XXXX                | Open Elective I            | -   | -         | -         | 3        |           |
| <b>Total</b>  |                       |                             | <b>18</b> | <b>4</b>  | <b>8</b> | <b>29</b> | <b>Total</b>           |                            |     | <b>16</b> | <b>4</b>  | <b>6</b> | <b>29</b> |

L/S – Lecture / Studio, T – Tutorial, P – Practical, C - Credits

| Year         | Course Code             | Course Name                 | L/S       | T         | P         | C         | Course Code            | Course Name               | L/S      | T               | P         | C         |           |
|--------------|-------------------------|-----------------------------|-----------|-----------|-----------|-----------|------------------------|---------------------------|----------|-----------------|-----------|-----------|-----------|
| Third        | <b>Fifth Semester</b>   |                             |           |           |           |           | <b>Sixth Semester</b>  |                           |          |                 |           |           |           |
|              | AR 3101                 | Architectural Design V      | 4         | 0         | 6         | 9         | AR 3201                | Architectural Design VI   | 4        | 0               | 6         | 9         |           |
|              | AR 3102                 | Building Const. & Mat. V    | 2         | 0         | 2         | 4         | AR 3202                | Building Const. & Mat. VI | 2        | 0               | 2         | 4         |           |
|              | AR 3103                 | Working Drawing I           | 3         | 0         | 4         | 5         | AR 3203                | Working Drawing II        | 3        | 0               | 4         | 5         |           |
|              | AR 3104                 | History of Architecture V   | 2         | 1         | 0         | 3         | AR 3204                | Theory of Urban Design    | 2        | 1               | 0         | 3         |           |
|              | AR 3105                 | Structures V                | 2         | 1         | 0         | 3         | AR 3205                | Human Settlement Plng.    | 2        | 1               | 0         | 3         |           |
|              | AR 3106                 | Building Services III       | 2         | 1         | 0         | 3         | AR 3206                | Sustainable Buildings     | 2        | 1               | 0         | 3         |           |
|              | <b>Total</b>            |                             |           | <b>15</b> | <b>3</b>  | <b>12</b> | <b>27</b>              | <b>Total</b>              |          |                 | <b>15</b> | <b>3</b>  | <b>12</b> |
| Fourth       | Course Code             | Course Name                 | L/S       | T         | P         | C         | Course Code            | Course Name               | L/S      | T               | P         | C         |           |
|              | <b>Seventh Semester</b> |                             |           |           |           |           | <b>Eighth Semester</b> |                           |          |                 |           |           |           |
|              | AR 4101                 | Architectural Design VII    | 6         | 0         | 8         | 13        | AR 4201                | Professional Training     | 16 Weeks |                 | 16        |           |           |
|              | AR 4102                 | Professional Practice       | 3         | 0         | 0         | 3         | AR 4202                | Professional Report       |          |                 | 10        |           |           |
|              | AR 4103                 | Interior Design & Detailing | 2         | 0         | 2         | 3         |                        |                           |          |                 |           |           |           |
|              | AR 4104                 | Construction & Project Mgt. | 2         | 1         | 0         | 3         |                        |                           |          |                 |           |           |           |
|              | AR 4105                 | Research Methodology        | 2         | 1         | 0         | 3         |                        |                           |          |                 |           |           |           |
|              | AR 41XX                 | Elective I                  | 2         | 1         | 0         | 3         |                        |                           |          |                 |           |           |           |
| <b>Total</b> |                         |                             | <b>17</b> | <b>3</b>  | <b>10</b> | <b>28</b> | <b>Total</b>           |                           |          | <b>16 Weeks</b> |           | <b>26</b> |           |
| Fifth        | Course Code             | Course Name                 | L/S       | T         | P         | C         | Course Code            | Course Name               | L/S      | T               | P         | C         |           |
|              | <b>Ninth Semester</b>   |                             |           |           |           |           | <b>Tenth Semester</b>  |                           |          |                 |           |           |           |
|              | AR 5101                 | Design Dissertation I       | 8         | 0         | 8         | 16        | AR 5201                | Design Dissertation II    | 10       | 0               | 10        | 20        |           |
|              | AR 5102                 | Seminar                     | 2         | 0         | 2         | 3         | AR 52XX                | Elective II               | 3        | 0               | 2         | 4         |           |
|              | AR 5103                 | Housing                     | 2         | 1         | 0         | 3         | AR 52XX                | Elective III              | 3        | 0               | 2         | 4         |           |
|              | XX XXXX                 | Open Elective II            | -         | -         | -         | 3         |                        |                           |          |                 |           |           |           |
|              | LN 5101                 | Foreign Language            | 2         | 1         | 0         | 3         |                        |                           |          |                 |           |           |           |
|              | <b>Total</b>            |                             |           | <b>14</b> | <b>2</b>  | <b>10</b> | <b>28</b>              | <b>Total</b>              |          |                 | <b>16</b> | <b>0</b>  | <b>14</b> |

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**Electives offered as part of Seventh (AR 41XX) and Tenth (AR 52XX & AR 52XX) Semester of B Arch**

| Elective I (AR 41XX) |                         | Elective II (AR 52XX) |                                 | Elective III (AR 52XX) |                               |
|----------------------|-------------------------|-----------------------|---------------------------------|------------------------|-------------------------------|
| AR 4140              | Disaster Management     | AR 5240               | Urbanism                        | AR 5245                | Advanced Urban Design         |
| AR 4141              | Digital Architecture    | AR 5241               | Architectural Conservation      | AR 5246                | Advanced Landscape Design     |
| AR 4142              | Cost Effective Building | AR 5242               | Building Performance Evaluation | AR 5247                | Green Building Rating Systems |

**Note:** Students will be able to select the electives as offered by the school. Min. of 10 students are required to run any elective.

**Open Electives offered as part of Even and Odd Semester of B Arch**

| Open Elective I (Even Semester) |                               | Open Elective II (Odd Semester) |                               |
|---------------------------------|-------------------------------|---------------------------------|-------------------------------|
| AR 2080                         | Green Building Rating Systems | AR 2080                         | Green Building Rating Systems |
| AR 2081                         | Fundamentals of Vastu Shastra | AR 2081                         | Fundamentals of Vastu Shastra |
| AR 2082                         | Indoor Landscape Design       | AR 2082                         | Indoor Landscape Design       |