

**Criteria 1: Curricular Aspects**

**Metric 1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years**

**Query:** Provide Certificate of students enrolled in EXPERIENCING EMERGING TECHNOLOGIES, MOBILE APPLICATION DEVELOPMENT, MARKETING ANALYTICS ,RETAIL BANKING & TECHNOLOGY ,TRANSACTIONAL ANALYSIS&NEURO LINGUSTICS PROGRAMMING, LEAN SIX SIGMA -GREEN BELT, INVESTMENT MANAGEMENT FOR STARTUPS ,APPLIED DESIGN THINKING, ELECTRONIC SYSTEM DESIGN ,EMBEDDED SYSTEM DESIGN & DEVELOPMENT ,ARTIFICIAL INTELLIGENCE OF THINGS, APP DEVELOPMENT AND ANDROID THINGS, INDUSTRIAL DESIGN AND PRODUCT DEVELOPMENT, STARTUP FUNDAMENTALS, IPR FUNDAMENTALS & PATENT DRAFTING, COMPETITIVE PROGRAMMING for 2016-17, 2017-18, 2018-19, 2019-20, 2020-21.

**Response: Sample Certificates are enclosed for the above-mentioned Value-added courses**

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| **Link for certificates:**  |  |

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| **S.No** | **NAME OF THE VALUE-ADDED COURSE** | **PAGE NUMBER** |
| **2020-21** |
|  | EXPERIENCING EMERGING TECHNOLOGIES | 3 |
|  | MOBILE APPLICATION DEVELOPMENT  | 6 |
|  | MARKETING ANALYTICS | 9 |
|  | RETAIL BANKING & TECHNOLOGY | 12 |
|  | TRANSACTIONAL ANALYSIS&NEURO LINGUSTICS PROGRAMMING | 15 |
|  | LEAN SIX SIGMA -GREEN BELT | 18 |
|  | INVESTMENT MANAGEMENT FOR STARTUPS | 21 |
|  | APPLIED DESIGN THINKING | 24 |
|  | ELECTRONIC SYSTEM DESIGN | 27 |
|  | EMBEDDED SYSTEM DESIGN & DEVELOPMENT | 30 |
|  | ARTIFICIAL INTELLIGENCE OF THINGS | 33 |
|  | APP DEVELOPMENT AND ANDROID THINGS | 36 |
|  | INDUSTRIAL DESIGN AND PRODUCT DEVELOPMENT | 39 |
|  | STARTUP FUNDAMENTALS | 42 |
|  | IPR FUNDAMENTALS & PATENT DRAFTING | 45 |
|  | COMPETITIVE PROGRAMMING | 48 |
| **2019-20** |
|  | APPLIED DESIGN THINKING | 51 |
|  | ELECTRONIC SYSTEM DESIGN | 54 |
|  | EMBEDDED SYSTEM DESIGN & DEVELOPMENT | 57 |
|  | ARTIFICIAL INTELLIGENCE OF THINGS | 60 |
|  | APP DEVELOPMENT AND ANDROID THINGS | 63 |
|  | INDUSTRIAL DESIGN AND PRODUCT DEVELOPMENT | 66 |
|  | STARTUP FUNDAMENTALS | 69 |
|  | IPR FUNDAMENTALS & PATENT DRAFTING | 72 |
| **2018-19** |
|  | APPLIED DESIGN THINKING | 75 |
|  | ELECTRONIC SYSTEM DESIGN | 78 |
|  | EMBEDDED SYSTEM DESIGN & DEVELOPMENT | 81 |
|  | ARTIFICIAL INTELLIGENCE OF THINGS | 84 |
|  | APP DEVELOPMENT AND ANDROID THINGS | 87 |
|  | INDUSTRIAL DESIGN AND PRODUCT DEVELOPMENT | 90 |
|  | STARTUP FUNDAMENTALS | 93 |
|  | IPR FUNDAMENTALS & PATENT DRAFTING | 96 |
| **2017-18** |
|  | STARTUP FUNDAMENTALS | 99 |