

**ARCHITECTURE**

**Meeting on Consolidated Curriculum Review based on Feedback from Stake holders**

**Meeting Date & Time: 19.04.2023**

**Meeting Venue: Seminar Room, Department of Architecture**

**Members Present: Faculties of Architecture Department**

**Meeting Minutes**

**Stakeholders : Students, Course handling faculty, Alumni & Employer**

**Syllabus reviewed: B.Arch program syllabus 2021 and onwards**

Based on the analysis of curriculum review feedback obtained from students, course handling faculty members, alumni and employers, the following points are considered for the review of curriculum of the Architecture program from 2021 onwards and will be placed in the forth coming Board of Studies on 06.05.2023.

**Action taken based on the feedback review for curriculum review:**

<<General actions taken against the syllabus>>

No.	Stake holder Suggestions	Semester*	Major Updates in Curriculum / syllabus
1	Revision to the syllabus to include Building Information modeling, Artificial Intelligence, and Virtual Reality.	Sem IV & Sem VI & above	The new syllabus for “21AR440 BIM Processes” and “21ARPM0 BIM for Mechanical, Electrical and Plumbing” includes introduction of BIM software’s, application of AI and VR in architecture.
2	Revision to the syllabus to include practical knowledge such as estimation, and construction management.	Sem IV & above	Couse “21ARPJ0 Specification, Cost Estimation and Budgeting” on Specification and Estimation is offered in the new syllabus as elective.
3	Syllabus to include practical knowledge relating to structural systems and building materials.	Sems I to IV	Courses “21AR120 Fundamentals of Building Systems”, “21AR340 Materials and Component”, “21AR330 Horizontal Spanning Systems”, “21AR431 Vertical Spanning Systems” related to structural systems and building materials in new syllabus have incorporated practical knowledge, appropriate structural systems and materials in market.
4	Suggestion on new courses such as Architectural writing course to provide base for architectural journalism	Sem VI & above	Architectural journalism is available through student club activities and also offered as elective through course “21ARPC0 Architectural Journalism and Criticism”.
5	Building materials and construction subjects must be studio based with hands-on workshops	Sem III	As suggested the building materials and construction related subjects “21AR340 Materials and Component” is theory cum studio subject.
6	Current trends of AI technology, computational dynamics and algorithms; its impact on architecture must be made aware to the students	Sem I to VIII	Exposure to digital tools in architecture starts from 1 <sup>st</sup> semester of the new revised curriculum of the B.Arch. program through subjects “21AR150 Computer Aided Drafting”, “21AR250 Digital Visualisation”,

			“21AR440 BIM processes”, “21AR720 Geometric Modelling”, “21ARFF0 Computational Design”, “21ARFJ0 Introduction to Digital Fabrication”, “21ARPL0 Digital Design Communication through UX and UI”, “21ARPM0 BIM for Mechanical, Electrical and Plumbing”
7	More insights on allied architectural fields and career options before entering the job market through student club activities	Sem I onwards	More student club activities are now initiated to have more interaction among the students and to gain insights about architecture and allied fields.
8	More hands-on workshop and lab-based courses exposing to teamwork, material and construction techniques, and to horn leadership qualities	Sem I onwards	More and more interactive sessions and hands-on workshop are planned into delivery of courses that are theory cum studio, skill based and Studio.
9	15AR820 Landscape Design – had challenging topic of landscape services and addition of landscape planning and nature-based solutions has been suggested.	Sem VIII	The suggestions relating to subjects from previous syllabus has been taken into consideration while designing the new syllabus “21ARFG0 Landscape Design”.
10	21AR310 Residential Building Services – Residential building automation and management has been the challenging topic for which more pool of industry experts and field visit were suggested	Sem III	The suggestions relating to the subjects in new syllabus has been conveyed and the course plans to incorporate necessary actions in terms of invited guest lecture, workshops and field visits

\*For each course of the semester

**Other activities for Curriculum Enrichment:**

- **Open House Exhibition:** Organize exhibitions showcasing student design work and portfolios. This not only celebrates student achievements but also provides opportunities for networking, peer feedback, and recognition within the broader architectural community.
- **Community Engagement Projects:** Collaborate with local communities on architectural projects that address community needs. This could involve designing public spaces, community centers, or affordable housing in partnership with community stakeholders.
- **Design Competitions:** Students are encouraged to participate in local, national, and international design competitions. Competitions challenge students to apply their skills in creative problem-solving, teamwork, and presentation while also fostering a spirit of healthy competition and excellence.
- **Field Studies and Site Visits:** Organize field trips to architectural landmarks, construction sites, and urban environments. These experiences provide students with real-world exposure to architectural principles, construction techniques, and urban planning challenges.

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