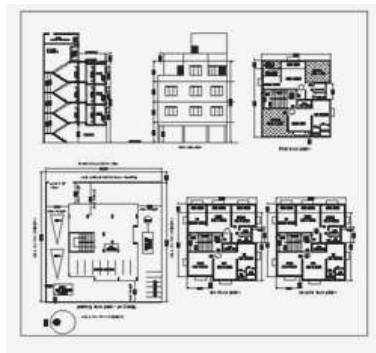


Automated Building Plan Approval System (ABPAS)

Urban Administration and Development Department, Government of Madhya Pradesh

The objective of ABPAS is to improve the quality and access to building permit service by the municipality so as to make cities more efficient, transparent and citizen-friendly. It was envisaged to facilitate quick processing and disposal of building plan permissions, automation of the drawing scrutiny, standardization of building fee & other charges and then effective monitoring of file processing. Before this initiative, most of the building plan applications and drawing plans were submitted manually in paper format.



The solution adopted for ABPAS – “AutoDCR” is an open service based architecture. System automatically generates various scrutiny reports dynamically based on the rules defined by the respective authority. The complete building plan approval management system is a web based system where architects submit the plans and basic proposal information over the internet.

Automatic reading of CAD based drawings, GIS Mapping, web Technologies, seamless workflows, Management Information System and Decision Support Systems, Business Intelligence, Document Management Systems, Hand held Devices are some of the trending technologies that are envisioned in implementation of ABPAS to make a marked difference in the functioning of Building Plan Approval departments.

Automated Building Plan Approval System (ABPAS) is implemented at Indore Municipal Corporation. It has been recognized at various levels that the efficiency and performance of Indore Municipal Corporation has improved radically. It provides access to all authorized stakeholders including department staff, Architects/Consultants, Building owners and Senior Management team based on their role entitlement.

Being an online system, ABPAS is available anywhere, anyplace and on any device to the various stakeholders mentioned above. The intuitiveness of the ABPAS system becomes apparent when even a lay person is able to easily track the status of their submission.

This initiative was conferred Gold Award in the category of “Innovative Use of Technology in e-Governance” National e-Governance Awards 2013-14