Telangana Judiciary System

Digital Transformation of the Judiciary in Telangana

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The National Informatics Centre (NIC), in partnership with the High Court for the State of Telangana, has played a transformative role in modernizing the judicial ecosystem through robust, secure, and user-centric ICT solutions. The collaboration has yielded a wide array of innovative platforms that not only improve access to justice but also streamline court processes, enhance transparency, and promote efficiency across all levels of the judiciary—from the High Court to District and Subordinate Courts.

This comprehensive digital framework has been shaped by NIC's domain expertise in web technologies, cybersecurity, data management, e-governance, and artificial intelligence. By aligning with the judiciary's evolving needs, NIC has introduced a portfolio of services that address core operational challenges, improve litigant engagement, and promote open justice.

Key ICT Initiatives and Digital Solutions

Web Portal of the High Court of Telangana
https://tshc.gov.in

The official website of the High Court of Telangana serves as a digital gateway for advocates, litigants, law students, media, and

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NIC, in collaboration with the High Court of Telangana, is driving digital transformation in judiciary through innovative ICT solutions like ePay, AI tools, and online RTI systems. Upcoming initiatives include extending ePay to lower courts, launching an Online Certified Copy system, and introducing an AI-powered legal chatbot. These advancements aim to streamline judicial processes, improve transparency, and enhance service delivery, creating a more accessible and efficient justice ecosystem across the state.

citizens. The portal offers a user-friendly interface with quick access to:

- Profiles of Hon'ble Judges
- Cause Lists and Case Status
- Notifications, Circulars, and Recruitment Notices
- Court Judgments and Orders
- e-Filing, e-Payments, and other eServices

This dynamic platform promotes judicial transparency and acts as a single source of authentic information.

RTI Portal for District and Subordinate Courts
https://dcrti.tshc.gov.in

To ensure transparency and uphold citizens' right to information, NIC has developed a dedicated RTI Application Workflow System for District and Subordinate Courts. This solution enables users to:

- Register and submit RTI applications/appeals online
- Pay RTI fees through integrated payment gateways
- Receive real-time updates via SMS notifications
- Track the status of applications through a centralized dashboard
- Facilitate prompt processing by judicial officers via secure logins

The portal ensures compliance with RTI norms while simplifying administrative handling.

ePay Application for High Court
https://epay.tshc.gov.in

Also accessible at: https://pay.ecourts.gov.in/epay

NIC has developed a robust and secure ePay platform integrated with the High Court's e-Filing system. This application facilitates:

- Online payment of Court Fees
- Scheduled extension for penalties, fines, and other legal payments
- Multiple payment options and auto-receipt generation
- Real-time status tracking of payment transactions

The platform significantly reduces manual interventions, enhancing accuracy and user convenience.

Visitor Pass Management System (e-VPass)
https://vpass.tshc.telangana.gov.in/vpass

To strengthen physical security at the High Court premises and streamline visitor entry, NIC has implemented a secure e-Visitor Pass Management System. Key features include:

- Online generation of visitor passes for litigants, vendors, officials, and guests
- QR and barcode authentication for access control
- Daily validity (9:30 AM to 5:00 PM) for each pass
- Secure validation at entry points by security staff

This digital system minimizes queues, enhances transparency, and supports safe court functioning.

AI Services Platform for Judicial Officers

https://ai.tshc.gov.in

NIC has integrated artificial intelligence into judicial workflows through a dedicated platform that assists judges and officers in various stages of case handling. The platform features:

- **Shruthi** – Converts spoken dictation in court to editable text using speech recognition
- **Saaransh** – Generates concise summaries from lengthy judgments for quick comprehension
- **Panini** – Translates judgments across languages to improve accessibility and inclusivity

These tools support faster documentation, multilingual accessibility, and improved legal research.

eTHCR – Electronic Telangana High Court Reports

https://tshc.gov.in/ehcr

A centralized repository of all judgments delivered by the Telangana High Court. The portal supports:

- Search by Case Number, Judge Bench, Party Names, Advocate Names
- Free-text and legal provision-based search
- Historical and real-time access to court rulings

DigiTHCR – Digital Reportable Judgments with Translations

https://tshc.gov.in/digihcr

This initiative ensures legal inclusivity by providing reportable judgments along with Telugu translations. Users can filter results using:

- T.H.C.R number, Volume, Case Number, Neutral Citation
- Party names, Order Date, or Keyword search

▲ **Fig 9.2 : Launch of Web Portal for High Court of Telangana**

Online RTI Portal – High Court of Telangana

https://rti.tshc.gov.in, https://rtihome.tshc.gov.in

To facilitate transparency at the High Court level, a separate Online RTI portal has been developed. Features include:

- Digital submission of RTI applications and appeals
- ₹10 application fee payable via UPI, net banking, or cards
- Real-time SMS alerts at each stage of the RTI lifecycle
- Full integration with internal workflows for speedy disposal

Case Status Information System (CSIS)

https://csis.tshc.gov.in

Designed to provide up-to-date information on case progress, CSIS supports multiple search criteria including:

- Case Number, Filing Number
- Advocate Code/Name
- Party Names and Bench Details

It enhances transparency and helps litigants stay informed without visiting court premises.
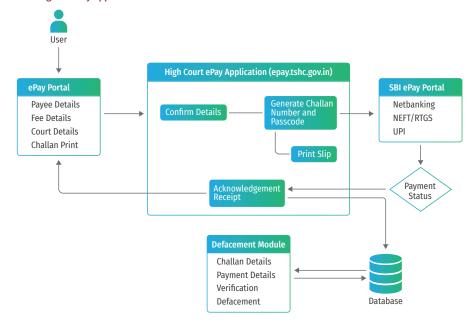
Way Forward

Building on the momentum of digital transformation, the ePay facility is set to be extended to District and Subordinate Courts, significantly enhancing accessibility and simplifying the payment of court fees and penalties at all levels. Complementing this initiative, an Online Certified Copy system will soon be launched—integrating e-Signatures and e-Payment gateways to enable secure, seamless, and paperless access to certified judicial documents.

To empower judicial officers with intelligent tools, an AI-powered Legal Chatbot is currently under development. This solution will provide instant references to relevant case laws and precedents, streamlining legal research and supporting faster, more informed decision-making.

Other notable advancements include the implementation of a dedicated module for automatic disposal of infructuous matters via NAPIX API, and the expansion of Judicial Web Services to the Digitization Wing and various State Government departments—enabling deeper interoperability and improved public service delivery.

Together, these initiatives underscore a strategic vision to modernize judicial operations, elevate institutional efficiency, and deliver a more responsive, technology-enabled justice system.

▼ **Fig 9.1 : ePay Application Work Flow**

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