About TCS iON

TCS iON is a strategic unit of Tata Consultancy Services focused on manufacturing industries, educational institutions and exam boards. We provide technology-enabled solutions of a unique IT-as-a-Service model, offering end-to-end business solutions for the sector.

TCS iON caters to the needs of multiple industry segments, through innovative, easy-to-use, secured, integrated, hosted solutions in a build-as-you-grow, pay-as-you-use business model. We serve our clients with the help of best practices gained through TCS’s global experience, domestic market reach, skills, and delivery capabilities.

For more information, visit us at www.tcsion.com

Contact

To know more about the iON Education Solution

Toll Free Number 1800 209 6030
Email ion.sales-support@tcs.com

About Tata Consultancy Services Limited (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that delivers real results to global business, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled infrastructure, engineering, and assurance services. This is delivered through its unique Global Network Delivery Model™, recognized as the benchmark of excellence in software development. A part of the Tata Group, India’s largest industrial conglomerate, TCS has a global footprint and is listed on the National Stock Exchange and Bombay Stock Exchange in India.

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I ON Education Solution

With an increasing emphasis on personalised learning, the education sector is witnessing a radical transformation in the evolving technology landscape. In the process of imparting progressive and quality education, the management of an institution faces several challenges, including:

- Streamlining admissions for every financial year
- Adhering to the specifications for accreditation, affiliation, and compliance requirements.
- Enabling accountability
- Optimizing costs

Educators also find themselves balancing learning activities with administrative activities, such as:

- Preparing lesson plans
- Monitoring attendance
- Keeping track of timetables
- Managing miscellaneous activities

An integrated solution that would enable the head of the institute and the educators to focus on delivering educational excellence is the need of the hour.

TCS I ON provides educational institutions an end-to-end solution that streamlines operations and management across the institution and its campuses. The I ON Education Solution digitizes processes throughout the student lifecycle including admissions, lesson planning, exams, evaluations, and community collaboration. It provides a single interface for viewing the entire transactional history of a student from admission until graduation – from anywhere, at any time.

With a host of features, for conducting examinations, digital evaluations, and seamless communication, as well as other collaboration tools, I ON facilitates learning beyond the classroom.

Our Clientele

We cater to a wide range of market segments from K12 schools to universities across India. Our clients include:

- K12 Schools
- Affiliated Colleges
- Deemed Universities
- Government Institutes of National Importance
- Universities
- Vocational Institutes
- Government Regulatory Authorities

Why I ON

- Trusted Brand: Promise of quality and unmatched services
- End-to-End Solution: Integration of entire student lifecycle
- Superior Results: Pre-configured business processes based on industry best practices
- Driving Decision-Making: Powerful Analytics
- No Technology Obsolescence: Automatic updates without interruption
360-Degree Educational Excellence Using Digital Technologies:

At iON, we have defined four primary pillars of excellence for every institution. These pillars empower institutions to achieve 360-degree educational excellence.

TCS iON Education Solution helps you strengthen these four pillars of excellence

- **Institutional Excellence**: Enables you to transform with digital technologies to meet specific business rules in collating and management of data. The solution comprises:
  - Creating and deploying forms for collating, validating, storing, and sharing reports with various stakeholders.
  - Deploying analytics to generate secondary data and analyse data for generating specific reports.
  - Addressing communication and notification requirements based on multiple triggers.
  - Sharing reports with various stakeholders.
  - Deploying analytics to generate secondary data and analyse data for generating specific reports.

- **Faculty Excellence**: Provides an enriched learning experience to your students through iON Digital Learning. It is a collaborative learning platform that provides an incremental and interactive learning environment for better learning outcomes. Powered by a best-in-class learning management system (LMS), the iON Digital Learning offers a suite of collaboration tools in an enriching learning space, enabling learners to learn from each other in a community model.

- **Student Academic Excellence**: Offers an unmatched learning experience to your students through iON Digital Learning. It is a collaborative learning platform that provides an incremental and interactive learning environment for better learning outcomes. Powered by a best-in-class learning management system (LMS), the iON Digital Learning offers a suite of collaboration tools in an enriching learning space, enabling learners to learn from each other in a community model.

- **In-Course Assessment**: Enables students to leverage the power of collaborative learning.

iON Education Solution Stack

iON is a one-stop education solution provider for all your needs, touching every aspect of your technology requirement from the Extranet layer to the ERP layer.

In addition to the above solutions, TCS iON delivers the promise of a trusted brand, with a commitment to fuel transformation in the education sector, offering local support and price/performance as well as flexible models for adoption.
TCS iON Education Solution addresses all your processes

Business Process Support:
TCS iON Education Solution provides intuitive tools to drive efficiency across business processes to enable you to focus on your core functions.

- School Boards & University Management
  - Regulation & Affiliation
  - Governance Portal
  - Library, Hostel & Transportation
  - Faculty Lifecycle Management

- Institute Admin Management
  - Financial Mgmt. (Fees, Grants)
  - Library, Hostel & Transportation
  - MIS Dashboards

- Student Lifecycle Management
  - Admission/Mgmt & Student Records
  - Examination Management
  - Gradebook (Exam & Grading)

- Course & Learning Management
  - Lesson Plans & Course batches
  - Learning Analytics

- Outcomes & Measurement Management
  - Exams & Assessments
  - Gradebook
  - Results Publishing

- Skill & Learning Enhancement
  - Learning Analytics
  - Prep Tests (Competitive Exams)

- Communication Management
  - IT Communication
  - Messaging & Collaboration

- In-course Assessments
  - Feedback Mgmt.
  - Exam Management

- Governance
  - Relationship Management
  - Decision Support & Reporting Module

An Overview of TCS iON Education Solution

Our Solutions:

- **ION Digital Campus**
  - This solution comprises a suite of offerings catering to academic events, mapped to the specific departments of an institution.
  - With our solution, you can streamline processes across the entire student life cycle – from enquiry to graduation.

- **ION Digital Assessment**
  - Enable transparency, accuracy, and efficiency in the marking process with ION Digital Marking. The answer scripts and tabulated reports are made accessible to the evaluators, supervisors, and other select members of your institution. Our solution combines the ease of manual marking with the accuracy and efficiency of a computer. Through role-based accesses and flexible functions, you can ensure a faster, error-free marking.

- **ION Digital Marking**
  - Bring speed, accuracy and efficiency to certificate issuance.
  - Ensure robust security.
  - Enhance availability and accessibility.

- **ION Digital Records**
  - With ION Digital Records, you can leverage IT to seamlessly manage the issuance of certificates across a student lifecycle. You can carry out student record collection, certificate printing, and digital verification in a secure, organized, and cost-effective manner.

- **ION Communicator**
  - Connect key stakeholders in real time with ION Communicator. School management, teachers, parents, and students can communicate from anywhere, at any time using this tool. You can convey any type of information – news, alerts, calendar events, photographs, activities, or homework on a single platform.

- **Electronics Scanning of Answer Scripts**
- **Questions & Marking Scheme Uploaded**
- **E Review of Answer Scripts**
- **Comprehensive Report Generation**

TCS iON Education Solution is also available as an intuitive smartphone app, offering convenience, flexibility, and ease of access to the parents. Enhance communication between the key stakeholders.

The Digital Campus is an integrated, yet modular solution that allows you to customize and digitize functions on the basis of your requirements and objectives. The pre-built business processes and easy-to-configure solution capabilities ensure that you can seamlessly migrate to digitized processes, with minimal implementation time and effort.

With our solution, you can streamline processes across the entire student life cycle – from enquiry to graduation.
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TCS iON Education Solution provides intuitive tools to drive efficiency across business processes to enable you to focus on your core functions.

School Boards & University Management
- Regulation & Affiliation
- Faculty Lifecycle Management
- Performance Monitoring
- R&D, Govt. Schemes Monitoring
- Decision Support & Reporting Module

Institute Admin Management
- Financial Mgmt. (Fees, Grants)
- Procurement & Inventory
- HR Management & Payroll
- Library, Hostel & Transportation Mgmt.
- Relationship Management (CRM)
- MIS Dashboards, Accreditation, Governance & Compliance

Student Lifecycle Management
- Admission Mgmt. & Student Records
- Project Intern & Placement Mgmt.
- Alumni Management (Collaboration)
- Communication Management
- Student Letters & Feedback Mgmt.
- Communication withparents

Course & Learning Management
- Lesson Plans & Course batches
- Faculty Aids & Course Repositories
- Course Content Management
- Home-work/Project Management
- Industry & Research Collaboration

Outcomes & Measurement Management
- Examination Management
- In-course Assessments
- Smart Degree Management

Skill & Learning Enhancement
- Learning Analytics & Rubrics
- Proficiency Tests (Psychometric)
- Skill Courses (Domain & iON)
- MOOC Courses
- Simulation & Gaming Platforms

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- Integrate core business functions
- Easy-to-configure
- Streamline processes
- Go digital with minimal loss in time and resources

ION Digital Assessment
This solution makes assessment processes simple, efficient, and hassle-free. Right from scheduling examinations, assigning test centres and distributing question papers securely to evaluating and managing results, iON provides comprehensive assessment management. We also offer end-to-end support services.

- Make assessment processes efficient and transparent
- Create online and offline assessments in a secure environment
- Communicate exam shifts to candidates

ION Digital Marking
Enable transparency, accuracy, and efficiency in the marking process with iON Digital Marking. The answer scripts and tabulated reports are made accessible to the evaluators, supervisors, and other select members of your institution. Our solution combines the ease of manual marking with the accuracy and efficiency of a computer. Through role-based accesses and flexible functions, you can ensure a faster, error-free marking.

- Electronic Scanning of Answer Scripts
- Questions & Marking Scheme Uploaded
- Evaluators & Reviewers Assigned
- Individual User names & Passwords
- E-Review of Answer Scripts
- Comprehensive Report Generation

ION Digital Records
With iON Digital Records, you can leverage IT to seamlessly manage the issuance of certificates across a student lifecycle. You can carry out student record collection, certificate printing, and digital verification in a secure, organized, and cost-effective manner.

You can also avail of digitization and secure storage of your physical registers, enhancing the ease of accessibility and availability. Employing digital encryption technologies, we ensure robust data security and integrity with digital verification.

- Bring speed, accuracy and efficiency to certificate issuance
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ION Communicator
Connect key stakeholders in real time with iON Communicator. School management, teachers, parents, and students can communicate from anywhere, at any time using this tool. You can convey any type of information – news, alerts, calendar events, photographs, activities, or homework on a single platform.

ION Communicator Solution is also available as an intuitive smartphone app, offering convenience, flexibility, and ease of access to the parents.

- Enhance communication between the key stakeholders
- Ensure that parents and students never miss on important information
- Engage parents and students for an improved experience

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