

Digitization of ITI for Continuity and Quality of Education

Current Challenges & Opportunities



Institute Closure Has Mandated Online Learning



Most of the Students don't have access to Smartphones and Laptops



Systematic Approach for National Education Policy 2020



Supporting Platform for Online and Classroom Teaching Learning



Quality Education Delivery at Rural parts of State



Uniform Profile and Credit System for Students & Faculties

Project Scope and Components - Online Teaching & Learning

- Component 1: Study from Home
- Component 2: Centralized Learning Management Solution
- Component 3: Institute Academic Management Solution
- Component 4: Student and Faculty Dossier
- Component 5: Supplementary Curriculum

Model of Digital Education

Continuity in Education: Study from Home

- Centralized Lecture Delivery
- Institute-level Lecture Delivery

Uniform and Quality Education (Online)

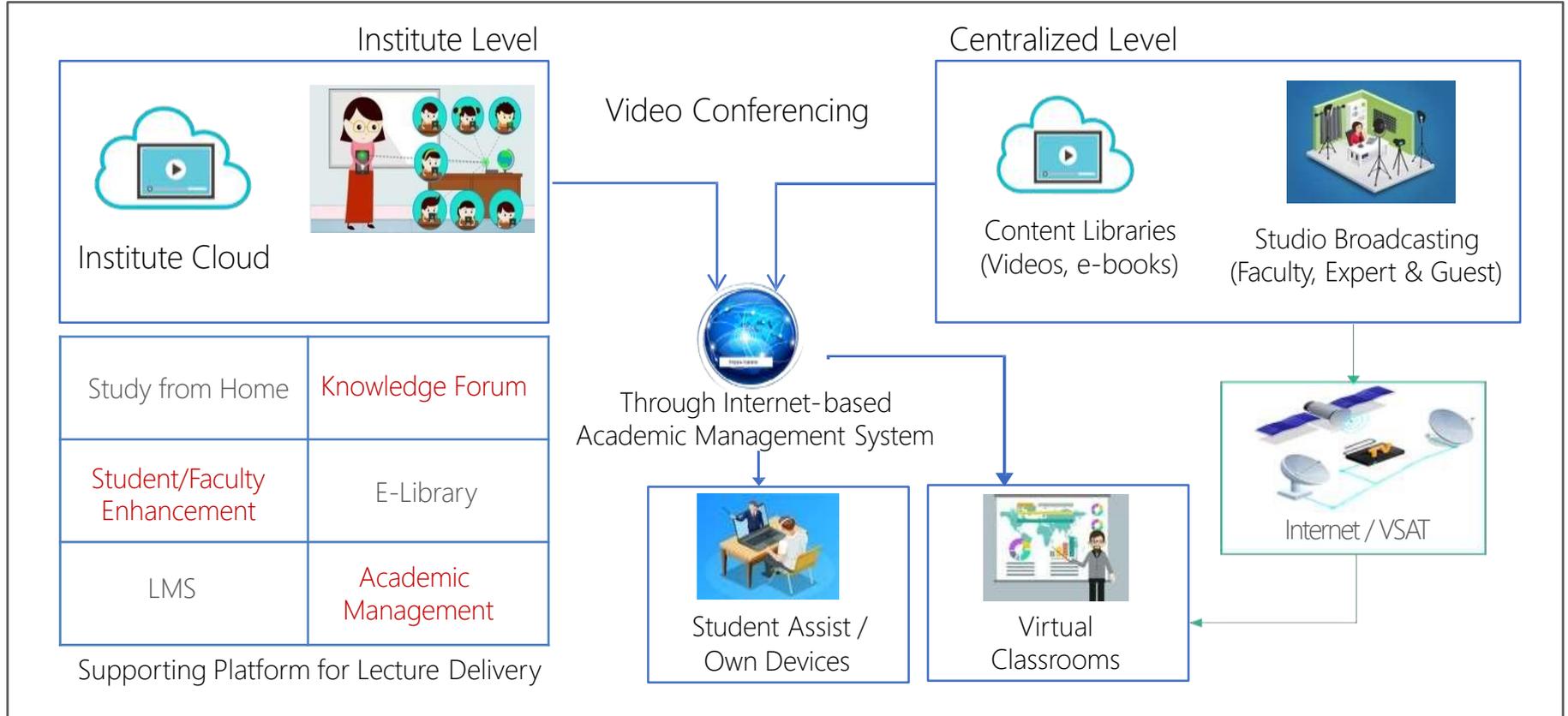
- Studios and Virtual Classrooms
- Student Assist Devices
- Internet / VSAT Connectivity

Supporting Platform for Education Delivery

- Academic Management & Assessment
- Student Development
- Faculty Development
- LMS
- Knowledge Forum



Continuity in Education



Student and Faculty Assist Devices

Ease of Access

Access to academic applications like lecture, timetable, etc.

Accessibility

Student own device for education purpose, avoid dependency on parents devices

Student Ownership

Self study content, study group, inbuilt & cloud based content

Digital Study Medium

Access to unlimited books and Audio/Video Content



Access and utilization of student development program, syllabus with supplementary content, lecture & time table, attendance, class-test, assignment, online classroom-institute-communication, knowledge forum, library, performance measurement and additional applications

Digital Backbone of Education

- End-to-end digital backbone & platform for improving Teachers Training & Quality of Education
- Integrated modules support all processes of Lecture Delivery
- Creating uniform, organized and efficient educational system

Academic Management:

- Syllabus & Lecture Scheduler
- Attendance
- Assignment
- Understanding
- Feedback & Audit
- Class test & Online Exam
- Performance & Outcome
- Dynamic Reports

Assesment / Exam:

Specific focus on vivas and objective-based assessments ensuring the understanding and application of subject

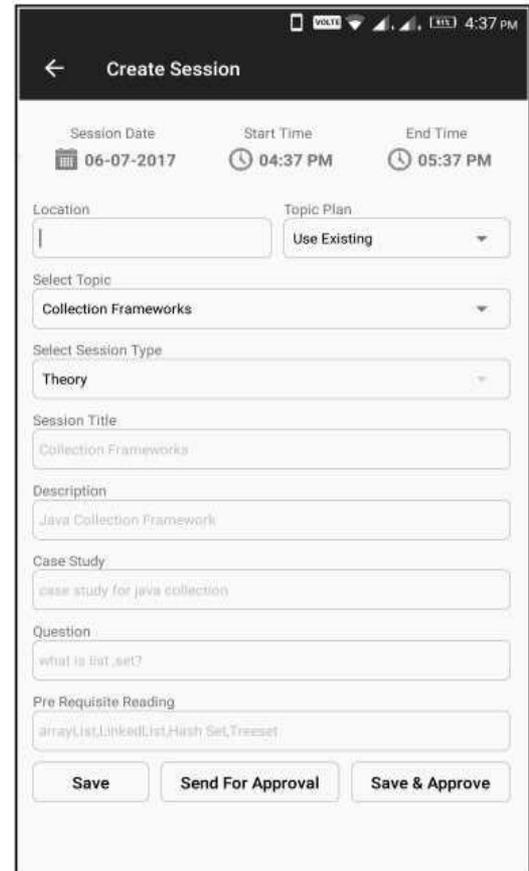
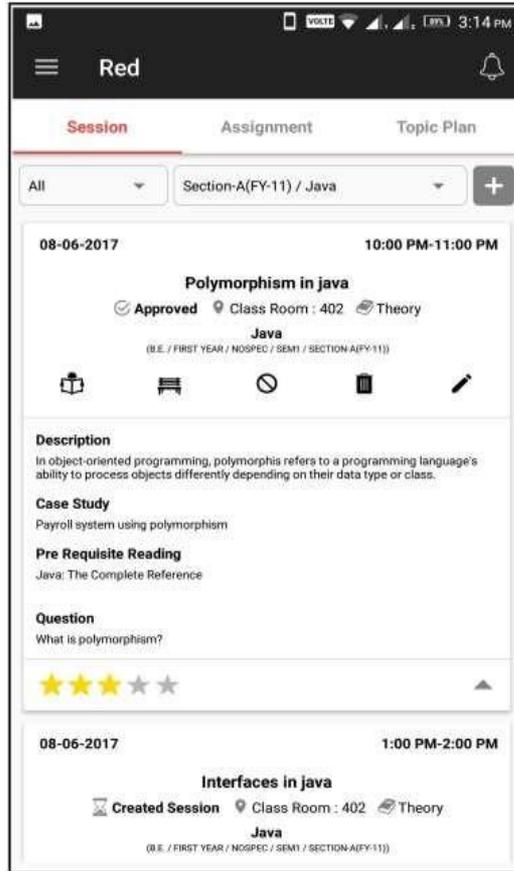
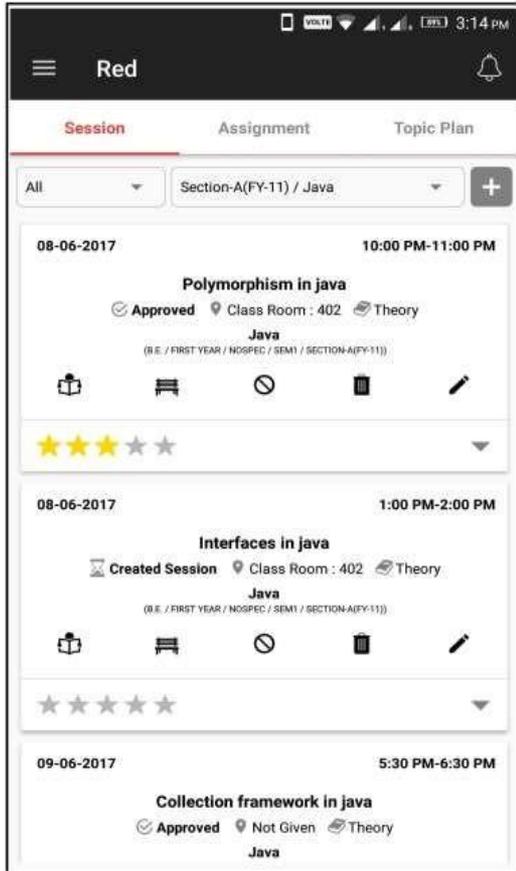
LMS & Content Platform

- E-Books
- E-Courses

Learning Management System (LMS)

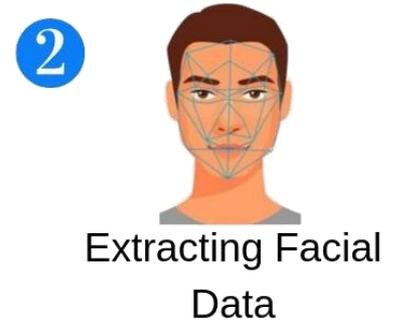


M Campus: Campus Mobile Applications



Attendance Solution (Facial Recognition)

- Touchless attendance system post COVID-19 pandemic
- Required both Online and Classroom based lectures
- Faster & automated attendance process
- Automation and simplification of attendance process
- Avoid false / proxy attendance
- Centralized monitoring & reports on attendance



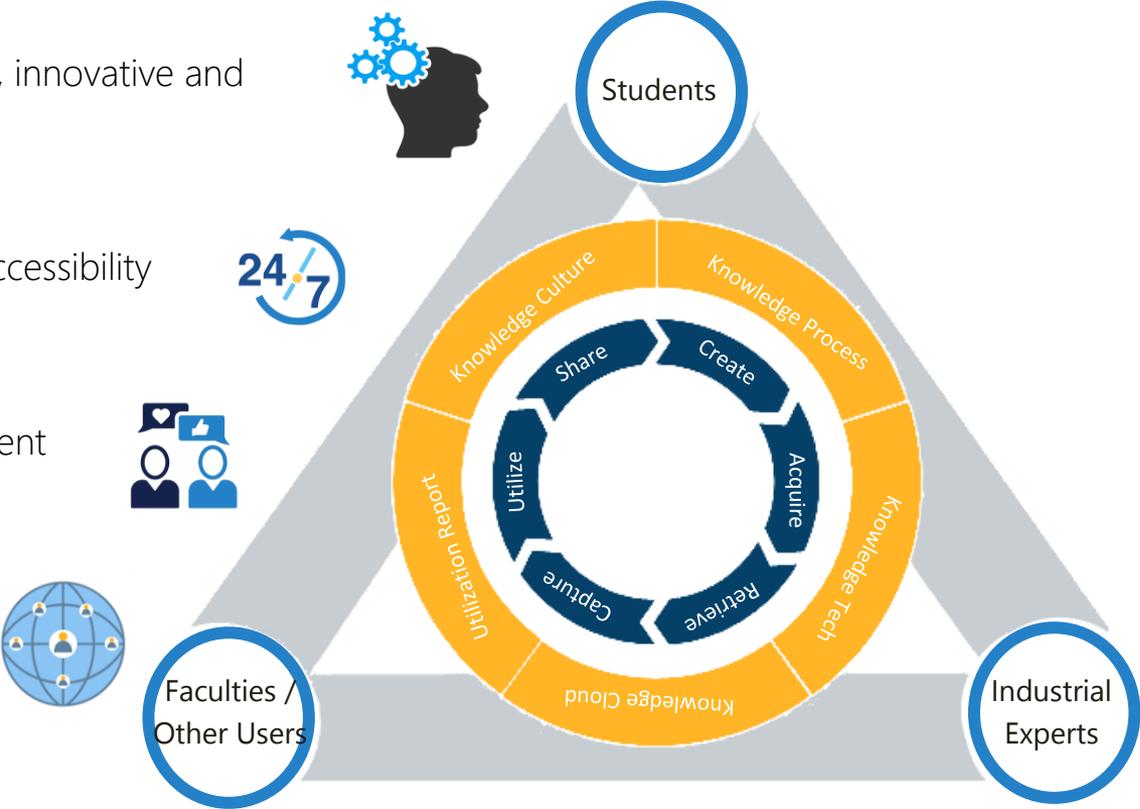
Knowledge Forum

Promotes analytical, critical, innovative and analogical thinking

24/7 Anytime Anywhere Accessibility

Improves Student Engagement

Worldwide interaction



Sample Screens



Karan Meshram
karan@purestudy.com

shram



Admin

Contact No
7856321452

Email Id
karan@purestudy.com

Menu

- User
- Manage
- Attendance
- Holiday
- Communication
- Assignment
- Feedback
- Purestudy
- Certificate
- Other

Personal Information

Name : Karan Meshram
 Date of Birth : 2007-02-08
 Gender : Male
 Contact : 7856321452
 Email : yogeshrade@gmail.com
 Alternate Email : admin123@gmail.com
 Date of Joining : 2017-02-08

Address:
 Mohan Nagar, Baner Pin: 400110
 City: pune State: Maharashtra

About:
I always learn from mistake of others who take my advice.

Roles

Admin

Performance

	Current Year	Overall
Sessions	32	117
Average Attendance	70%	50%
Assignments	15	60
Knowledge Bits Posted	71	233
Online Test Conducted	3	18

Overall Feedback





My All 48

Search Subject

PHP Poly / Comp / SY / DIV A 12

JAVA Poly / Comp / SY / DIV A 5

C# Poly / Comp / SY / DIV A 4

RDBMS Poly / Comp / SY / DIV A 9

COBOL Poly / Comp / SY / DIV A 10

Lectures Topics

64% Overall Rating

72% Overall Attendance



1. Data abstraction, Database languages

by Yogesh Rade | Theory | Approved



Rating



Attendance

25/04/2017 - Tuesday | 12:00 PM - 12:30 PM | R103

2. Two/Three tier Architecture

by Yogesh Rade | Theory | Approved



Rating



Attendance

28/04/2017 - Friday | 12:00 PM - 12:30 PM | R103

3. Hierarchical Model

by Yogesh Rade | Theory | Approved



Rating



Attendance

02/05/2017 - Tuesday | 12:00 PM - 12:30 PM | R103

4. Enhanced ER Model

by Yogesh Rade | Theory | Approved



Rating



Attendance

05/05/2017 - Friday | 12:00 PM - 12:30 PM | R103

5. Normal forms: 1NF, 2NF, 3NF, BCNF

6. Data abstraction, Database languages



Study of Operational Amplifiers

SEM III | Theory | Published on : 2017-05-06 18:34:39

Topics : Concept of input/output impedance, Input bias current, offset input voltage, slew rate, CMMR [Edit](#) 21



karishma patil

Description

An operational amplifier (often op-amp or opamp) is a DC-coupled high-gain electronic voltage amplifier with a differential input and, usually, a single-ended output. ... Op-amps may be packaged as components or used as elements of more complex integrated circuits.

References

- Operational Amplifiers – G.B.Clayton (5th edition) Newnes
- Operational Amplifiers Applications – G.B.Clayton

Attachments

- [Concept of input/output impedance](#)
- [Input bias current](#)

Instructions

Need to submit on time

Suggestions

[Extra Assignment](#)

- General understanding of topics:
Poor - Need in depth assignment
- Feedback Status
Poor Timely feedback needed
- Student likes status
Poor Make assignment more participative



Submission : **40/50**
Last Date : **2017-05-15**
10:30:48



Feedback : **35/50**,
Last Date : **2017-05-15**
10:30:48

Student	Submit	Feedback	M / G	Remark	Action
Yogesh Rade	✓	✓	B	Good	Edit



Search for Faculty, Section



2016-17



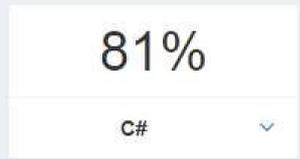
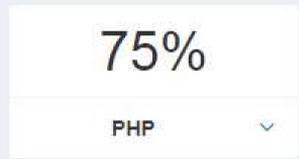
Division: SRES/CS/FY/Div A

Suggestions

- Search...
- PHP
Poly / Comp / SY / DIV A
 - JAVA
Poly / Comp / SY / DIV A
 - C#
Poly / Comp / SY / DIV A
 - COBOL
Poly / Comp / SY / DIV A
 - RDBMS
Poly / Comp / SY / DIV A



More



Student(3000) Session (11)

Marked (4) Pending (5) Cancelled (3)

THANK YOU !