



V.S.R. GOVERNMENT DEGREE & P.G. COLLEGE

MOVVA-521135, KRISHNA DISTRICT, ANDRHA PRADESH

NAAC Accredited with "A" Grade (3.01 CGPA)

ISO 9001:2015, 14001:2015, 50001:2011 Certified Institution

(Affiliated to Krishna University)



Email Id: gdcjkc.movva@gmail.com

Mobile: 9948121714

Phone No: 08671 252451

Website: www.gdcmovva.ac.in

ERP (Enterprise Resource Planning) Document

1. Preamble

V.S.R Government Degree and P.G college -Movva automate all the activities with respect to **Administration, Finance and Accounts, student Admission & Support and examination** in the college with the technology support from Commissioner of collegiate Education and Govt. of A.P.

2. Implementation of ERP in Academic Process

For effective administration of colleges at state level, CCE has developed following Apps which are intended to cover the major administrative aspects of the department. They include two administrative Apps and three academic apps. Real Time monitoring of these activities from a state level dashboard is an added advantage of these interventions.

1. ACADEMIC RELATED

a) C-MAPP (Teaching Learning Process App)

Digital initiative by the department introduced during 2020-21 (July 2021) to monitor online/ offline Teaching learning Process during the COVID-19 second wave. It is available in two forms, Web Application for Desktop Users and Mobile Application.

All the faculty of GDCs across the state are using TLP App to report and monitor teaching learning progress daily.

Every College prepares course-wise timetables and map them to the respective teachers through the principal's dashboard of Web Application.

Features:

- College wise Timetable is mapped
- Student enrolment data is prepopulated
- After every class, Lecturer must upload the data

Outcomes:

- Lecturers and students' attendance is ensured
- Corrective measures are being taken for poor attendance
- Conduct of classwork is monitored
- Deviated classes are being properly recouped
- Academic Performance is accounted for
- Phenomenal increase witnessed in the academic performance
- Principals have been empowered
- Timetable Mapping to lecturers and corresponding sections/classes.
- Attendance entry of the students.
- Transfer Class from a lecturer to another lecturer as per dynamic requirements.
- Rescheduling of Classes for administrative flexibility
- Offline / Online mode of Class reporting to overcome network issues.
- View Reports of Individual, College, District, Zone, and State level.
- Feedback for betterment of the functionalities

b) I - MAPP (Internship Monitoring APP)

Internship is mandatory as part of revised CBCS curriculum 2020-21, which is a tough task for colleges to implement alone. This Internship Monitoring App provides Internship opportunities to students with industry connect & monitors the status of every student in the state helping to easily identify the lapses and gaps to focus on. It's available in two (02) forms:

1. Web Application for Desktop users
2. Mobile App

The I-MAPP functionalities include

- Adding industries to the Database for “Industry Connect”
- Mapping students to various industries for internships as per industry connect.
- Mentoring & monitoring the students who are doing internship on-site.

- Monitoring the student weekly tasks by the mentor, trainer, and the principal.

- To Assign tasks to the students, which will be reflected in the student login, and he/she is alerted of the daily tasks list, enabling them to submit the task report with attachments (If required in the scheduled task).

- Mentor can submit his comments on the student task report so that the student can improve himself/ herself according to the guidance

c) Internship Portal

As a major part of the preparedness for internship of 2 months after 4th semester and 6 months in 5th or 6th semesters, a separate CCE-Industry connect portal (<http://apcce.gov.in/TSEHome>) is created. More than 25,000 internships were identified and mapped with students of GDCs who completed 4th semester, through the Internship web portal.

2. ADMINISTRATION RELATED

(a) e-Office Management

The Commissionerate of Collegiate Education uses the e-Office functionality of the National Informatics Center. Guidelines were issued to all the competent staff to use e-Office for easy, transparent, and quick disposal of the files within the stipulated timelines.

Functionalities include

- Creation of e-files with enclosures attached by uploading
- Share, Modify, Provide Remarks, Edit the e-Office files.
- Track the files with ease.

(b) G-MAPP (Grievance Redressal Management App)

The **Grievance Redressal Management App** facilitates easy submission of grievances to CCE enabling quick and transparent redressal mechanism with assured follow up. No grievance is left unredressed with this app. Staff & Students can file grievances with ease of a click & hope of assured redressal.

a. Features:

- College wise Student and staff data is uploaded • Individual can login and register grievance
 - Online 24X7 access to file any grievance.
 - Escalation of grievance to concerned authority within a short time.
 - Tracking the redressal status of the grievances from dashboard at Individual, College, District, Zone, and State level.
 - Grievance will be forwarded to concerned officer for redressal
- Outcomes:
- Applicant can track his/her application
 - No need to visit Head Office and hence conduct of classes enhanced
 - Transparency in Administration
 - Increase of accountability on part of Colleges and HoD office
 - Staff & Students can file grievances with ease of a click & hope of assured redressal.
 - The GR Mapp has two (02) forms 1. Web Application for Desktop users, 2. Mobile App

(c) F-Map: The online fees payment software sends auto-generated pending fees-related reminders & notifications to parents every month or at a pre-defined time. Also, the fees software generates an e-receipt after every successful transaction & sends it to their registered email ID or mobile

(d). SIMS (Student Information Management System):

Monitoring of funds at colleges would be transparent and allocation of funds according to the official guidelines would be easy through SIMS. All the fee types payable by students at the college are categorized and displayed in the app. Helping in the utilization follow up and justification. This helps in the overall development of the colleges.

Features:

- Student can pay fee from any place and at his/her convenience • Fee allocation for each component is specified

- Students receive messages regarding fee paid and balance to be paid

Outcomes:

- Transparency in Financial Management
- Principals are empowered and can utilize the funds in more useful way
- Remove misappropriation of Funds
- Monitoring of fee collected per every student, college-wise.
- Direct credit of the fee paid by the student according to the fee heads of the University/College.
- Tracking the fee collected and pending details from the dashboard. • Alerts to students on the fee payable and paid receipts.
- Alerts to students & parents from other administrative & academic matters from the college.
- Monitoring of the fee heads for targeted & allocated expenditure without misappropriation of funds.
- Live cashbook & fund flow records.

d. FRAMS (Facial Recognition Attendance Management System)

The Government of Andhra Pradesh has come up with a 'Facial Recognition' based software solution for the Management of Attendance in Govt. organizations, namely "Facial Recognition Attendance Management System (FRAMS)". The FRAMS is used to Manage / Monitor the attendance of all the Staff and Students of the Government Colleges in Andhra Pradesh under the aegis of the CCE.

Functionalities & Features

- The primary functionality of attendance capturing in FRAMS is based on 'Facial Recognition and Presence' of the staff or students.

- Mobile devices running on Android/iOS with a decent camera are the only required equipment to implement the utility at College/Classroom level.
- Students are registered in the FRAMS APP and organized into sections/classes. Similarly, staff are also registered in the APP based on facial recognition.
- Accordingly, Lecturers are mapped to sections as per the timetable. • A lecturer needs to capture the image of self in FRAMS to mark selfattendance followed by capturing of the class through camera.
- The system recognizes facial differences between individuals with utmost accuracy and marks attendance, for instance, it can differentiate between twins, and between stationary objects (like pictures) and people. It accepts the attendance within the radius of Geo-coordinates of the college.
- Re-scanning adds the attendance of any individual(s) left out of the attendance.
- Encrypted Students' & Staff data from Jnanabhumi portal of the Govt. of A.P. is used for managing attendance.

Outcomes

- Use of simple tool like a mobile device helps in averting problems that arise with biometric devices in practice.
- High accuracy of attendance management in relatively less time.
- Unbiased attendance using facial capturing and detecting.

3. Student Support and Examination:

Jnanabhumi Plat form

The Platform:

The Post Matric Scholarship Scheme is implemented through '**Jnanabhumi**' a completely digital and paperless platform.

Objectives of Jnanabhumi:

Jnanabhumi operates with the following objectives:

- Actualizing equal educational opportunities for all
- Single Desk for PMS disbursement to all communities

- Central Nervous System of Education and Welfare Eco System, covering the entire student lifecycle
- Ensuring timely release of PMS, in a transparent and accountable fashion.

Outcomes:

Continuous reforms in the systems and processes has been a hall-mark of Jnanabhumi, in keeping with the government's goal of student-centric, transparent and accountable scholarships administration. These reforms have resulted in significant and measurable outputs and outcomes, including:

- a. ease of entry into the Jnanabhumi fold for a genuine and eligible student,
- b. minimized cycle time for processing and release of scholarships,
- c. timely release of the scholarships
- d. accountability measures to check the scope for bogus individual and institutional beneficiaries
- e. near-elimination of the hitherto large paper footprint and the resultant contribution to environment sustainability

3. Student Admissions:

Andhra Pradesh State Council of Higher Education (APSCHE) to initiate the process to conduct Undergraduate (UG) online admissions OAMDC, (Online Admission Module for Degree Colleges) of APCFSS.


Online admissions

For admission of students into Undergraduate Courses in Arts, Science, Social Sciences, Commerce, Management, Computer Applications and Social work etc. including Honours, in all faculties in Government Degree Colleges, Government Autonomous Degree Colleges, Private Aided Degree Colleges, Private Unaided Degree Colleges and Private-Autonomous Degree Colleges (Aided and Unaided) –in the State of Andhra Pradesh

Conclusion:

The V.S.R Government Degree and P.G. College in Movva seamlessly incorporates technology across various facets such as administration, financial management, student admissions and support services, as well as examination processes within the institution.




PRINCIPAL
PRINCIPAL
V.S.R. Govt. Degree & P.G. College
Movva - 521 135, Krishna Dt., A.P.