

# TUMKUR UNIVERSITY

Tumakuru – 572103, Karnataka State

## **Success Story – Utilization of RUSA Funds for the Implementation of ICT Initiatives, launched by Higher Education Department, Govt. of Karnataka.**

Higher Education Department, Govt. of Karnataka has launched a novel ICT initiative programme named Gnanasangama, to promote quality education and transparency in the field of higher education. This programme is being implemented by all the Universities and Colleges, in the state. The Gnanasangama E-portal consists of various modules such as:

- Office Suite
- File Monitoring System (FMS)
- Letter Monitoring System (LMS)
- Examination Management System (EMS)
- E-Proceedings
- E-Content and E-Learning
- E-Students Attendance
- Students Feedback System
- Human Resource Management System (HRMS)
- University Management Information System (UMIS)
- Court Case Management System (CCMS); and other ICT initiatives

Tumkur University has successfully implemented these ICT Initiatives and earned reputation of being in the first place in the implementation of this software. Through the implementation of this programme, the University has received a lot of appreciation from the Department of Higher Education. Tumkur University has implemented this programme more effectively within a short span of time. This University is one of the youngest Universities of the State with just ten years of standing. The University has already implemented 62 Sakala Services and has bagged the Best Service Award from the Government of Karnataka. E-File management system has been effectively implemented in the University and it has already cleared 1240 E-files and 5600 E Letters. The University has successfully implemented Online Affiliation, E Proceedings management system and this has certainly been the greatest achievement of Tumkur University within a short span of time and this achievement has placed the University at the forefront of other Universities. The University has utilized the RUSA Funds released till now for the successful implementation of ICT Initiatives. ICT infrastructure facilities were made available, by procuring various ICT items listed below through RUSA funds:

- **Laptops** to Teaching faculties of Post Graduate Departments to mark the students e-attendance and Officers of the University
- **Desktop Computers and Printers** to Examination Section for successfully implementation of Examination Management System
- **Desktop Computers and Printers** to Finance Section for successfully implementation of HRMS
- **Desktop Computers and Multifunction Printers with Scanners** to various sections of University for successfully implementation of Office Suite - FMS, LMS, CCMS and E-proceedings
- **Copiers** Library and Office Administration
- **Desktop Computers and Printers with Scanners** to Computer Lab, to help the students in using E-Feedback System for each class
- **Desktop Computers** to Digital Library, to help students in accessing e-contents and e-resources
- **UPS and Batteries** for continuous centralized power backup
- **Video Conferencing Unit**, to attend weekly ICT Review Meeting every Monday 9-30 AM to 12.30 PM through Video Conference, Chaired by Additional Chief Secretary, Higher Education and Officials of Karnataka State Higher Education Council, Bangalore

**Financial Layout – Amount spent for procurement of ICT Items:**

SL.NO	ITEMS	Qty.	Amount in Lakhs	Company
1	Desk Top Computers: Intel Core i5 – (DGSND)	145	69,67,873.50	Lenovo
2	Laptop Intel Core i5 Processor - Ultra Book (DGSND)	92	76,67,740.00	Lenovo
3	Multifunction Mono Laser Printer (Printer- cum-Scanner) (DGSND)	51	22,60,310.00	Canon
4	Copier Duplex PC Integrated (DGSND)	04	4,96,352.00	Canon
5	UPS with Batteries (DGSND)	20	24,77,753.00	Power One
6	Video Conferencing Unit (DGSND)	01	4,49,400.00	Intellicon PVT Ltd.
	<b>TOTAL</b>		<b>2,03,19,428.50</b>	

## Progress Report regarding Implementation of ICT Initiatives

### Examination Management System (EMS)

- Migrated all the data and hosted into the production server.
- Successfully conducted UG and PG Examination for 2016, using the software developed by NIC
- Results are already published through the same software.

### Electronic Answer Script Evaluation (EASE)

- University is ready to implement EASE from next academic year
- ICT Infrastructure such as scanners and systems required.

### Online Admission

- Uploaded Students Data of all PG Departments
- 15 Departments; 629 Students, total – 1930 including Colleges

### Students Attendance Monitoring

- Implemented from 02-11-2015
- Class Matrix and Timetable generated through system
- Teachers Login to attendance portal to mark attendance
- 2,47,296 Students attendance marked out of 1024 classes
- All the PG Departments have started E-Attendance
- SMS delivered to Parents of Absentee Students

### Students Feedback System

- Successfully implemented from 01-12-2015
- Feedback from students as on today – 16,713
- Compulsory feedback from student is taken after each class
- There are 10 parameters and each student have to rate the performance of the teacher
- Parameters for students' feedback are:
  1. Class Room Organization
  2. Explanation or Discussion
  3. Interest and Enthusiasm
  4. Interaction with students
  5. Feedback to students
  6. Availability of consultation
  7. Visual Materials
  8. Voice and Speech
  9. Reference and Supporting Materials
  10. Any Comments

### **Online Affiliation**

- Implemented from academic year 2015-16
- 89 Colleges have submitted through online portal, including new colleges
- Workshop was conducted to all the College Principals and supporting staff regarding online submission
- LIC Committees created and mapped with the colleges regarding LIC visits.
- Online task is completed.
- LIC Check Lists and Photos uploaded in the University Website

### **Letter Monitoring System (LMS)**

- 5600 Letters inwarded as on today through LMS
- Monitoring of Letter Pendency Status is done every week
- University has provided Official Email IDs to all Caseworkers and Section Heads
- Pendency Reports are sent to all the Caseworkers and Section head through email

### **File Monitoring System (FMS)**

- Action initiated for inward of letters, scanning of letters and movements of file with note sheet entries from Caseworker to Vice Chancellor and back.
- Total Files transacted since 01-09-2015: 1240 as on today

### **HRMS**

- Implemented from September 2015.
- Pay Bills and Pay Slips are generated through HRMS Software only.

### **Video Conferencing with Colleges**

- Every Monday and Tuesday 4.30 PM Video Conferencing with College Principals/supporting Staff through Skype is conducted, in batches of 10 colleges each.
- Video Conference is conducted by Registrar, Registrar (E), Special Officer (Exam) and ICT Nodal Officer

### **E-Content Development**

- Higher Education Department has launched a novel initiative for development of e-content for UG and PG Degree Courses
- Tumkur University is entrusted with the responsibility of developing e-content for Biochemistry and Botany
- Honble Vice Chancellor have appointed Chairmen for 4 Subject Committees
- 4 Chairmen will Constitute Subject Committees with the panel of 6 expert members
- Common e-content will be developed as per recent curricular templates developed by UGC
- The content proposed to be developed shall be useful to face NET/SLET

### DETAILS OF RUSA AMOUNT RELEASED

Sl.No.	Released Date	Amount (Rs.)	Installment
01	15-09-2015	2,19,15,463.00	First
02	16-12-2015	28,34,537.00	First (Additional)
03	02-02-2016	3,24,41,544.00	Second
	Total	5,71,91,544.00	

(Amount in Lakhs)

Proposed Amount as IDP	Proposed Amount for Component 3 as per IDP	Total Grant Released for Component 3	Grants Utilized	Unspent Balance
5794.31	2000.06	571.91	239.26	332.65

The Physical progress achieved during first phase of RUSA scheme....

- RUSA funds of Rs.2,19,15,463-00 was received on 15<sup>th</sup> Sept 2015.
- PMU met on 20<sup>th</sup> Sep 2015 and finalized the procurement.
- Supply Orders were issued on 28<sup>th</sup> Dec 2015.
- Materials were received from 1<sup>st</sup> Jan 2016 to 7<sup>th</sup> Jan 2016.
- Materials were distributed to the different Departments.
- Photograph of the materials submitted.
- Total procurement under RUSA is Rs.2,03,19,428.50 as against the release amount of Rs.2,19,15,463.00
- All materials were procured under DGS&D rate contract

### University Benefited

The Grants received under RUSA is successfully utilized for the welfare of the main stake holders of the University, the students. University is benefited by the RUSA Grants, in the implementation of ICT initiatives of both MHRD, Govt. of Indian and Department of Higher Education, Govt. of Karnataka. Students are provided computing facilities with well-equipped Computer Labs, comfortable seating and desk facilities. Teachers are provided with ICT Teaching and learning aids and laptops for marking students e-attendance and research activities. The administration of the university is provided with Video Conference System. The University is also benefited with uninterruptable of power supply. The RUSA Grants have helped the University to upgrade both academic and administration activities.