

Journey of National ICT Awardee



SHAMBULINGAIAH K
DSERT, KARNATAKA

Beginning

- Started my journey initially when NGO gave laptops to our school
- We used customized linux for schools
- We prepared many projects
- Got best school award for implementing computers in school

Open source contribution

- Contributed to open source in collaboration/guidance with open source community
- Contributed for language localization to kannada
- Involved in customizing and implementing custom linux for schools
- Created custom linux for our state ict project.

Gcomprise

- Localized Gcompris to kannada language for implementing in our school as our kids couldn't understand english games.
- localized/translated all the games to kannada
- It was very useful for kids of primary age
- Same project was submitted to ict award



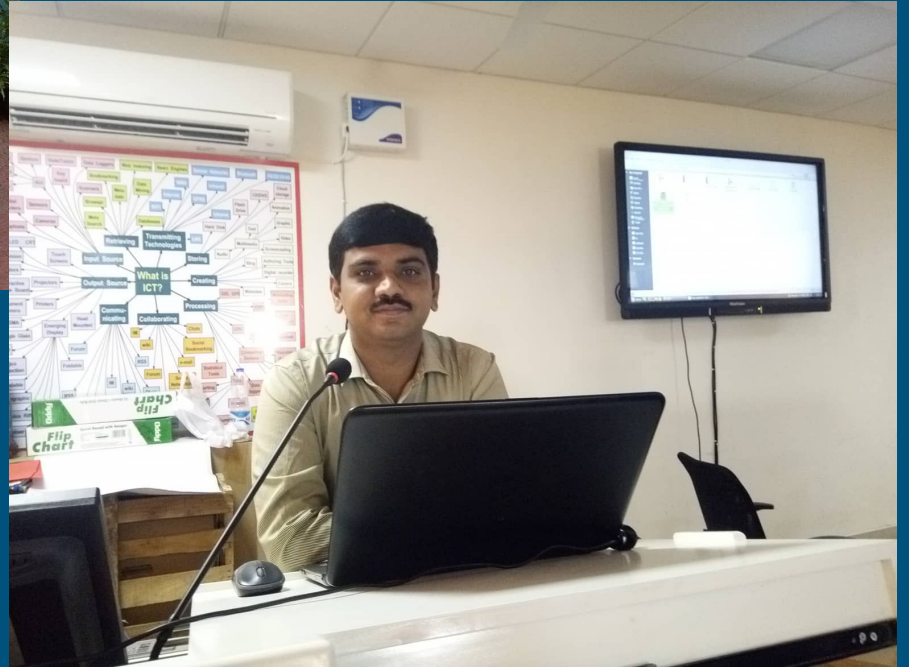
Contribution to NCERT/CIET

- Involved in many econtent development workshops at ncert
- Contributed to development of ICT curriculum for teachers
- Contributed to development of ICT curriculum for students
- Involved in many ict curriculum workshops



Contribution to RIE

- Worked as resource person in developing ict based courses/content at RIE Mysore
- Participated as trainer in ICT trainings for teachers
- Involved in ICT Manual development under the guidance of M U Pauly
- Involved in Geogebra manual development at RIE Mysore
- Participated as Resource person in developing Mathematics content at RIE Ajmer
- Represented state of karnataka at RIE Bhopal for audio video mela



Contribution to DSERT

- Contributed for implementing ICT curriculum for our state teachers/students
- Part of 11 members committee for designing/developing/implementing ict curriculum for karnataka state
- Participated in state level meetings for implementing ict in state.
- Managed Teacher training management system for guruchethana - a teacher training program of Karnataka State.
- Contributed to makkalavani - a youtube channel of state to promote education during covid.
- Contributed as technical head/state admin for NISHTHA implementation.
- Managed all the NISHTHA technical works at a state level.
- Nerver of NEP tech platform team at a state level
- Got facilitate by our state education minister for contribution to NEP tech platform.

DSERT Karnataka

GENIUSKITANA

Chain based in service teacher training

Objectives:
 To help teachers to become reflective practitioners.
 To help teachers to involve in self-development to achieve.
 To develop teachers who will facilitate learning, considering each child's interest and complexity.

Key Features:
 Development of professional among teachers - 3 year Programme
 Selection of modules as per interest and research by teachers
 Modules content is developed and piloted by teachers
 A PTMS for online registration, monitoring, health & attendance

Tools of training:
 Separate website portal for every teacher link to content & content modules in through PTMS

DEPARTMENT OF EDUCATIONAL RESEARCH AND TRAINING

ICT INITIATIVES IN KARNATAKA



TECHNOLOGY DRIVEN LEARNING FRAMEWORK

Initiated in Karnataka

Objectives:
 •Democratization of the ICT education to the teachers.
 •The digitalization resources to aid in content development, teacher training and hardware procurement, or using free and open source software(OSS). Operating systems.

Initiatives:
 •Created in 1700 High Schools and 250 PE colleges generally.
 •Platform for teachers developed by DSERT of KICERT with training system are available in TALE Platforms in all schools and a laptop with pre-installed content for each teacher.
 • ICT content content generated by DSERT will be available to teachers and will be implemented in all schools.
 • Content in Linux based - FOSS operating system is used.

Training:
 •14 resource persons involved in development of curriculum and content for KICERT Resource Network.
 • Job based Training Science, Mathematics, English and basic teachers of various subjects.
 •8000 teachers has been trained through the DSERT portal dserttraining.gov.in





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ಕರ್ನಾಟಕ ಸರ್ಕಾರ

|| ಸಂಸ್ಥೆಯ ಬಾಳೆ ||

ಪಾರಂಪರಿಕ ಶಿಕ್ಷಣ ಇಲಾಖೆ ಮತ್ತು ಸಮಗ್ರ ಶಿಕ್ಷಣ ಬೆಂಗಳೂರು ಇವರ ಮೋದಲಿ

ಮೊಸಿಪ್ಪಾ ಪೇಪರ್ ಸಮಿತಿಗ



Contribution to other states

- Conducted ict implementation trainings for Andhra pradesh teachers at a state level.
- Participated as Member of Sub Committee for developing the New Curriculum and Syllabus for integrating ICT at TN SCERT.
- Conducted foss training at tamilnadu scert for state level resource persons.
- Contributed as resource person to apply fo ict award with Universal teachers academy.



THANK YOU

