

104 C. 5) ACADEMIA INDUSTRY INTERACTION CELL

(i). 44th SERIES OF STUDENT PROJECT PROGRAMME (SPP)

44th Series of SPP was started in October 2020. Under the 44th series of SPP, the Council had invited project proposals from final year students of B.E., M. Tech, M.Sc., & M.B.A. across the State.

KSCST had circulated SPP posters containing the details of Student Project Programme to all engineering colleges and universities across the state. A total of 4,627 project proposals received from more than 160 institutions across the state.

(ii). E-LEARNING CENTRES

a) Supported by – KSTePS, DST, GoK

Project entitled “Establishment of Virtual laboratory to improve the quality of Education in backward taluks of the State” was implemented in 11 government high schools.

KSCST has initiated to update latest NCERT digital contents in the server at all 10 schools and also to strengthen these centers by rectification of the hardware issues / procurement of new hardware accessories. NRDMS officials shall also visit the schools once in 3 months for monitoring and strengthening the hardware and software provided.

b) Supported by - REC, NEW DELHI

During 2016-17 REC sanctioned of Rs. 174 lakhs to implement E-Learning centre in 10 government high schools under CSR grants with an objective to improve the quality and effectiveness of education by collaborative learning and teaching process through IT enabled software & tools.



Article on E-Learning centres in local news paper



Students and teachers at Jawaharlal Nehru Planetarium during Vijnana Darshana program held from 29th – 31st January 2020

Karnataka Residential Educational Institutions Society (KREIS), Social Welfare Department, Government of Karnataka approached KSCST to provide technical and management support for establishment of Virtual Laboratory / E-Learning Centres in the residential schools functioning under KREIS. Accordingly, technical and managerial support was provided to KREIS, for submitting the project proposal to Rural Electrification Corporation, New Delhi. REC sanctioned Rs. 180 Lakhs to KREIS for establishment of 10 E-Learning Centers. E-learning centres were established in 10 Ekalavya Model Residential Schools of Karnataka.

c) Establishment of computer labs of scheduled tribe’s directorate ashram schools

The Memorandum of Agreement was made and executed on 19th July 2019 between KSCST and Directorate of Scheduled Tribes Welfare Department, Government of Karnataka for providing technical and managerial support and to implement IT related e-learning centres and academic programs in the ashrama schools

The Directorate of Scheduled Tribes Welfare Department successfully established computer labs at all 43 Ashrama schools covering 34 taluks across the state based on the technical specifications provided by KSCST.

Activities:

- Installation of server, video contents, 3D experiments in new laptop and Wi-Fi configuration. Training program for teachers on utilization of contents, 3D experiments.
- Visited 7 schools having Virtual lab installed at Government High Schools at a) Harohalli, Kanakapura, Ramanagara, b) Kudur, Magadi, Ramanagara, c) Madhugiri, Tumakur, d) Kokatnur, Athani, Belgaum, e) Kalghatagi, Dharwad, f) Channapatna, Ramanagara, g) Malavalli, h) Huskur, Malavalli.
- Organized and coordinated online classes for the 10th and PU students of KREIS schools
- Design and Development of digital animations for videos for social science subject of 9th standard in Kannada version.
- Vijnana Darshan 2019-20 Science Outreach in Rural Schools in and around Bengaluru Online Quiz Programme and puzzle solving, Online on-the-spot painting competition Celebrations of National Science Day. More than 2000 students were the beneficiaries.