



साझा शिक्षा ई-पार्टी नेपाल
Open Learning Exchange (OLE) Nepal

Technology | Education | Enrichment



Welcome to the latest edition of OLE Nepal's newsletter! Get ready to catch up on all the exciting developments and updates that have taken place from January to March. From digital training for inclusive education to our continued efforts to provide support to remote schools, we've been busy making strides towards our mission of improving the quality of education in Nepal. Read on to learn more!

"From Basics to Bots: Teachers get hands-on with robotics at Lalit Kalyan Basic School"

On January 22-23, 2023, OLE Nepal hosted an exciting training program for teachers in Lalit Kalyan Basic School. The program aimed to introduce them to the world of robotics and teach them how to use studuino boards to create and program simple robots. Through a combination of lectures, demonstrations, and hands-on activities, the training covered three modules: Introduction to Robotics and Basic Coding, Building and Programming a Push-Button Controlled Car, and IR Photoreflector

Sensor and Line-Tracking Robot. Participants were thrilled with the engaging and informative training, and loved getting hands-on with building their own robots. The text recommends more follow-up sessions for teachers to advance their skills and regular workshops for students to nurture their interest in robotics.



"Empowering Teachers in Sindhuli: OLE Nepal's Digital Training for Inclusive Education"



OLE Nepal, with the support of the KDDI Foundation in Japan, recently conducted a five-day teacher's training program at Shree Navajyoti Deaf Secondary School in Sindhuli. The program aimed to integrate digital content, including Nepali Sign Language (NSL), into the teaching and learning process. The training covered a wide range of topics, including NSL E-Paath, Sangketik Sikai, E-Pustakalaya (digital library), digital content integration, and Hamro Ramailo Katha Haru.

The teachers were also given an introduction to computers and their uses, as well as an overview of the offline servers and fundamental operations of computers. The program also focused on learning theories, pedagogical features, and the sustainability of the digital learning process. To ensure inclusion, an NSL interpreter was present throughout the training to assist teachers with hearing impairments.

During the training, the teachers were actively engaged in E-Paath activities and demonstrations, where they learned how to integrate E-Paath contents into their lesson plans to make learning more effective. They were also introduced to the various educational contents available in the E-Pustakalaya.

Overall, 15 teachers (8 female and 7 male), including 3 with hearing impairments, participated in the program. The training was inaugurated by the Chairperson of ward no.6, Ujwal Kumar Thapa, and education officer Heet Kumari Paudel from the education unit of Kamalamai Municipality. The local government representatives appreciated OLE Nepal's work in the ICT sector and encouraged all the teachers to make the optimum use of digital content to ensure quality education.

The training program received positive feedback from the participants, who expressed their excitement about incorporating ICT in their teaching practices. OLE Nepal remains committed to promoting inclusive education in Nepal through digital means.

Revolutionizing Education with Digital Learning: Lalitpur's Story

The future of education is here! In collaboration with the Lalitpur Metropolitan City, the KDDI Foundation Japan we have introduced a ground-breaking Digital Educational Content Update and Tablet Support Program for five schools in Lalitpur. To ensure consistency in teaching updated digital educational content, interactive E-Paath material for grades 1 to 3 has been updated to align with the revised curriculum. The program's goal is to make modern teaching accessible and consistent across all schools, with the materials made available on tablets for classroom use in three phases.

Our team recently conducted a field visit to these schools to oversee the digital learning materials provided to students, review tablet status and plan any necessary technical upgrades. In addition to updating E-paath, we also conducted teacher orientations to help them integrate digital learning materials into their lessons effectively.



"From Japan to Kathmandu: KDDI Foundation and CityNet+Arts Visit to Nepal"

We are excited to share that our valued partner, The KDDI Foundation and CityNet+Arts, recently completed their annual project visit in Kathmandu, Nepal. During their stay, they experienced the vibrant culture and witnessed the impact of their contributions in various schools.

Their visit was more than just a trip - it was an opportunity to assess the effectiveness of the programs implemented and gain insights to create even more impactful initiatives in the future. They had the pleasure of conducting workshops and providing educational resources to support the schools and their students.

It was an unforgettable experience for all parties involved, and we are thrilled to continue our partnership with the KDDI Foundation in future projects. Stay tuned for more updates on our efforts to enhance learning in Nepal!

Get Ready to Rumble with Robotics!



Our team recently conducted an electrifying robotics teacher training program for ten schools in Lalitpur, with the aim of introducing practical and skill-based training in robotics classes. The training focused on a wide range of robotics models, including those that use light sensors, push buttons, line tracing robots, and accelerometers, and provided teachers with an introduction to robotics models and their sensory parts, as well as programming techniques for specific sensors.

On the second day, the training turned up a notch, introducing the teachers to two different robotics models - a quadrupedal robot and a bipedal robot. They learned about their structure, mechanisms, and the programming and structural aspects of building and designing them.

The session was followed by a briefing about an upcoming robotics competition involving six students from grades 7 to 9. With this training, the teachers and their students are now ready to put their skills to the test and show what they are made of!

Overall, the training was a huge success, and we even added one more school to our Robotics program in Lalitpur, making it a total of 11 schools. We can't wait to see what amazing feats these young minds will achieve with their new skills and knowledge in robotics.

Thanks for taking the time to go through our winter quarter updates. To learn about our initiatives in the coming months, follow us on our social media handles.



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