

COMMUNITY WORK REPORT

Category: Community Work

Name: Suryansh Varshney

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Semester: Summer Term '24

Title of the project: Summer Camp

Starting date: 27/05/2024

Ending date: 22/06/2024

Organisation Name: IIIT-Delhi

Organisation Details: Educational Institute

Supervisor at Organisation: Ashutosh Brahma

Supervisor Contact: ashutosh@iiitd.ac.in

Number of Credits: 2

Number of Hours: 87

Number of Working Hours per Day: 4-6

Certificate Link:

<https://github.com/weebsuryansh/SummerCampDocuments/blob/main/SummerCampPoster.png>

Goals:

1. To teach underprivileged school students and motivate them to focus on studies.
2. To learn how to manage/interact with students and how to deal with them.
3. To interact with teachers and students and find what will be best for students' overall development.

Achievements:

As a mentor in the Indraprastha Institute of Information Technology Delhi's Summer Camp, teaching multiple courses and engaging in various activities for a month has resulted in significant learning outcomes. I have honed my communication and instructional abilities, adapting my teaching style to cater to students' needs and ensuring maximum engagement. The experience has fostered adaptability, as I learned to modify lesson plans on-the-go to create an inclusive learning environment. It has also strengthened my leadership and organizational skills through setting clear objectives, structuring lesson plans, and organizing group activities. Working closely with students has enhanced my empathy and patience, creating a safe and nurturing environment for their growth. Additionally, continuous learning and growth were emphasized as I delved deeper into the subject matter and incorporated new teaching techniques. The establishment of a dedicated Telegram group allows for long-term mentorship and support, providing ongoing guidance to students. Overall, the mentorship experience has transformed me, improving my skills, reinforcing my passion for teaching, and instilling a commitment to empowering students.

Plan and Adherence:

1. **Assessing Student Needs:** Prior to curriculum design, understanding the students' needs, interests, and skill gaps was crucial. Discussions with students, teachers, and camp organizers helped identify specific areas requiring support and guidance.
2. **Setting Learning Objectives:** Clear objectives were set for each course. AstroGeo course was aimed to instigate curiosity about the outer-space and Earth inside each child. Art & Craft course was aimed to enhance the creative talent of each student.
3. **Curriculum Design:** The curriculum was structured to cover essential topics within the timeframe. AstroGeo included modules on Blackholes, history of Universe, telescopes, Earth's geography, etc. Art & Craft included modules on glass painting, quilling, Mahbubani, and fabric painting.
4. **Interactive Learning Approaches:** Various interactive approaches were incorporated, such as discussions, telescope, practical exercises, group activities, and debates. These methods aimed to make the learning process engaging and enjoyable.
5. **Execution and Adaptation:** The curriculum was executed effectively, with active student engagement and continuous feedback. Adaptations were made based on student feedback and needs, optimizing the learning experience.

Future goals:

1. **Transformative Experience:** Teaching Delhi government school students at the prestigious Indraprastha Institute of Information Technology Delhi's Summer Camp has been a transformative experience. It has given me firsthand insight into the challenges these students face and their immense potential.
2. **Personal Growth and Commitment:** This experience has ignited a strong commitment within me to contribute to the betterment of these kids and school students. It has

inspired personal growth, nurturing a passion for bridging educational gaps and empowering them to reach their full potential.

3. **Continued Support:** Going forward, I am dedicated to providing ongoing support to these students beyond the summer camp. Through the Telegram group, I will keep them informed about educational and career opportunities, as well as events at our institute. Additionally, I will offer mentorship and guidance, assisting them in identifying and pursuing their desired career paths.
4. **Collaboration for Impact:** Recognizing the power of collaboration, I aim to work with other educators, institutions, and organizations to create a more comprehensive support system for these students. By joining forces with like-minded individuals and entities, we can expand educational opportunities and make a greater impact.
5. **Advocacy and Awareness:** I intend to advocate for the importance of quality education and equal opportunities for all students, especially those from underprivileged backgrounds. Through awareness campaigns, workshops, and community engagement, I will raise awareness about their challenges and promote initiatives to address them effectively.
6. **Continuous Learning:** To better serve these students, I am committed to continuous learning. I will actively engage in professional development programs, attend workshops, and stay updated on educational advancements. This will ensure that I provide relevant and effective support to these students and stay at the forefront of educational practices.

During my time at IIIT Delhi, I have learned about the potential of information technology (IT) to improve various educational activities. In the context of the summer camp, IT can play a crucial role in enhancing existing activities and ensuring sustainability beyond the camp duration. By leveraging IT tools such as the Telegram group, we can establish seamless communication and provide ongoing support to students regarding educational opportunities and events. Additionally, online learning platforms can be integrated to offer access to resources and interactive modules, while technology-driven assessments streamline evaluations. Data analytics and insights derived from IT help in understanding student performance, engagement, and customization of future programs. To sustain these interventions, training sessions can be conducted for mentors, institutional support can be sought, and alumni engagement can be encouraged. By incorporating IT effectively, we can improve the summer camp experience, enhance learning outcomes, and establish a framework for continued support and growth.

Weekly Log

Week	Date	Hours	Activity/Progress
Week 1	27 th May – 31 st May	21 Hours	AstroGeo: History of Universe, Black Hole, Big Bang, etc. Art & Craft: Quilling
Week 2	3 rd June – 7 th June	20+ Hours	AstroGeo: Maps, Continents, Oceans, Climate, Resources, Geo of India etc. Art & Craft: Glass Painting
Week 2	10 th June – 15 th June	20+ Hours	AstroGeo: Telescopes, Speed of light etc. Art & Craft: Madhubani Art
Week 3	18 th June – 22 nd June	26 Hours	AstroGeo: Intro to Pangea, Tectonic plates, Layers of Atmosphere, etc. Art & Craft: Fabric Painting

Total working hours: 87+ hours

Authorised Signatory