



National University of Technology (NUTECH)

NUTECH INNOVATION CENTRE (NIC)

Main IJP Road, Sector I-12, Islamabad

Tel No: 051-5476809, 051-5476768



Ref: 106/NIC/Internship/2023
Date: 12 Jan 2023

Report on Financial Support on local startup - 2023

Program Duration: 26 January, 2023 – 05 December, 2023

The internship program of NUTECH Innovation Centre (NIC) provides skills, training and financial assistance (in form of stipend) with aim to empower youth in order to enable them for start-ups. For year 2023, program was conducted from 26 Jan to 05 Dec 2023, in which students were provided with hands-on experience in cutting-edge technologies and real-world applications. List of internee along with the stipend details is attached as **Anx 'A'**. The program featured interns from a variety of disciplines, including:

- **Mechanical Engineering**
- **Computer Engineering**
- **Computer Science**
- **Software Engineering**

Tasks and Projects:

Interns were assigned to a variety of exciting and impactful projects, which included:

- **Game Controller using Gestures** – Development of an interactive game controller utilizing gesture recognition.
- **Django Web App Development** – Building web applications using the Django framework.
- **AI-Based Chat bot for NUTECH** – Creating an AI-driven chat bot for enhanced customer service.
- **FPGA Basics** – Introduction and hands-on work with FPGA technology.
- **Facial Recognition Attendance System** – Designing an automated attendance system using facial recognition.
- **CAD Modeling of Mechanical Parts** – Designing 3D CAD models for various mechanical components.
- **Desktop Software Automation** – Automating desktop software tasks to improve efficiency.
- **Website Control Automation** – Developing automation tools for website management.
- **GUI Development for Weather Station** – Designing user interfaces for weather station data display.

Key Outcomes: The program provided students with exposure to industry-relevant tools, enhanced their technical skills, and encouraged collaboration across disciplines. The interns acquired valuable skills, which they are now using to offer freelance services.


NUTECH Innovation Centre
(Lt Col Junaid Aftab Khan, TI)



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Capacity Building Initiative at NIC

Ser	Name	Dept	Duration	Stipend
1	Muhammad Taaha Manzoor	Electrical Engg	08 Aug 23 - 06 Oct 23	30000
2	Ansa Javed	Computer Engg	09 Aug 23 - 06 Oct 23	30000
3	Kainat Khan	Computer Engg	09 Aug 23 - 06 Oct 23	30000
4	Umar Mubasher	Electrical Engg	09 Aug 23 - 06 Oct 23	30000
5	Zohaib Abid	Computer Engg	09 Aug 23 - 06 Oct 23	30000
6	Abdullah	Computer Engg	09 Aug 23 - 06 Oct 23	30000
7	Abid Ali Khan	Computer Engg	09 Aug 23 - 06 Oct 23	30000
8	Hakim Zaman	Mechanical Engg	09 Aug 23 - 06 Oct 23	30000
9	Hamza Khan	Mechanical Engg	09 Aug 23 - 06 Oct 23	30000
10	Duaa Ahmed	Mechanical Engg	09 Aug 23 - 06 Oct 23	30000
11	Muhammad Maaz	Mechanical Engg	09 Aug 23 - 06 Oct 23	30000
12	Muhammad Dilawar	Computer Engg	09 Aug 23 - 06 Oct 23	30000
13	Arslan Idrees	Computer Science	29 Aug 23 - 06 Oct 23	15000
14	Hassan Asif	Computer Science	29 Aug 23 - 06 Oct 23	15000
15	Awais Abbasi	Mechanical Engg	28 Aug 23 - 06 Oct 23	15000
16	Abdullah Nisar	Mechanical Engg	09 Aug 23 - 06 Oct 23	30000
17	Muhammad Huzaifa Khan	Mechanical Engg	09 Aug 23 - 06 Oct 23	30000
18	Muhammad Abu Bakar Usmani	Mechanical Engg	09 Aug 23 - 06 Oct 23	30000
19	Hadia Kousar	Computer Engg	20 Sep 23 - 13 Oct 23	15000
20	Shaheer Azmat Shah	Mechanical Engg	02 Aug 23 - 02 Oct 23	30000
21	Muhammad Awab Younas	Computer Engg	17 Jul 23 - 15 Sep 23	30000
22	Muhammad Rehan Anwar	Computer Engg	17 Jul 23 - 15 Sep 23	30000
23	Ammar Ali	Computer Engg	17 Jul 23 - 15 Sep 23	30000
24	Muhammad Ali	Computer Science	03 Jul - 31 Aug 2023	30000
25	Muhammad Abdullah	Software Engg	03 Aug-15 Sep 2023	20000
Total Stipend Amount				680000