NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH
Taramani, Chennai – 600113

Name of the Post: Technical Assistant Grade II (Graphic Assistant)

PHASE II
SYLLABUS FOR WRITTEN TEST (Objective Type)

Introduction to Graphic Design Principles - Elements of Graphic Design – Design fundamentals – Layouts - Color theory – Typography – type, fonts, letter forms – Fonts and its Characteristics – Creating Themes, Layout and Composition –Calligraphy –Representational Drawing - Sketching and drawing

Graphic File Formats – Digital Graphics - Raster Graphics vs Vector Graphics, sampling files, Resolution and DPI – Logo Design – Brochure Design – Rule of Thirds – Tint and Shade in Color – Fractal Art – Visual Communication – Architectural Graphic Design – Page Layout – Interface Design – Infographic - publication design - Digital Publishing

Image editing Tools -Software Proficiency – Vector graphics (Illustrator), Raster graphics (Photoshop), Page layout (InDesign)

Introduction to UI and UX design principles -- Design for Web and social media, Scripting for the Web

2D and 3D Animation, 3D Modelling and Prototyping - Visualization techniques - Advanced 3D Animation and Techniques - Interaction Design - Modelling using Open-Source Software like BLENDER;

Production Process - Multimedia Authoring – Gestalt

Principles - Retouching Tools – Sound recording -Video /Editing Procedure.

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DIRECTOR