Model Curriculum

Animator (Divyangjan)

Sector: **Media and Entertainment**
Sub-Sector: **Animation, Gaming**
Occupation: **Asset Creation**
Ref ID: **PWD/MES/Q0701, V2.0**
NSQF Level: **4**

Model Curriculum Aligned

for
Persons with Speech and Hearing Impairment
E004

Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK– NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

SKILL COUNCIL FOR PERSONS WITH DISABILITY (SCPwD)

for

MODEL CURRICULUM – ALIGNED FOR PERSONS WITH DISABILITY

Complying to National Occupational Standards of Job Role/ Qualification Pack:
'**Animator**' QP No. 'PWD/MES/Q0701 **NSQF Level 4**'
Expository and Code: **Speech & Hearing Impairment (E004, Version 1.0)**

Date of Issuance: October 15, 2022
Valid up to*:   January 27, 2028

*Valid up to the next review date of the Qualification Pack or the
'Valid up to' date mentioned above ,whichever is earlier

Authorized Signatory
(Skill Council for Persons with Disability)

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Animator
Curriculum / Syllabus

This program is aimed at training candidates for the job of a "Animator", in the "Media and Entertainment" Sector/Industry and aims at building the following key competencies amongst the learners.

Program Name	Animator		
Qualification Pack Name &Reference ID.	"Animator (Divyangjan) SHI PWD/ MES/Q0701, VERSION 2.0		
Version No.	2.0	Version Update Date	31/1/2023
Pre-requisites to Training	12th grade pass OR 11th grade pass with 1 year experience OR Completed 2nd year of 3-year diploma (after 10th) and pursuing regular diploma OR 10th grade pass plus 1-year NTC/ NAC plus 1 year experience OR 10th Grade pass with 2 year NTC (after 10th) OR 10th Grade Pass with 2 year relevant experience OR 8th grade pass plus 2-year NTC (after 8th) plus 1 Year NAC/CITS with 1 year of relevant experience OR 10th grade pass and pursuing continuous schooling OR Previous relevant Qualification of NSQF Level 3.0 with minimum education as 8th Grade pass with 3 year of relevant experience		
Training Outcomes	**After completing this program, participants will be able to:** • Understand Animation Requirements • Produce 3D Animation. • Conceptualize Creative Ideas for Production		

	• Produce Stop Motion Animation.
	• Plan Tools and Workflow.
	• Maintain workplace health and safety.
	• Produce 2D Animation.

This course encompasses NOS (National Occupational Standards) of "Animator" Qualification Pack issued by "Media & Entertainment Skill Council". The Curriculum is Aligned by "Skill Council for Persons with Disability" for Persons with Speech and Hearing Impairment".

	Module	Key Learning Outcomes	Equipment Required	Disability-wise training tools with reference to Expository for each NOS
1.	**Learn basic Indian Sign Language (ISL)** **Theory Duration** (hh:mm) 15:00 **Practical Duration** (hh:mm) 12:00 **Corresponding NOS** Bridge Module (PwD)	• Discuss the regional differences in signs. • Describe ways to greet and respond to others. • Explain significance of facial expressions and gestures in enhancing meaning of signed words. • Discuss the general sentence rules used while signing. • Demonstrate introductions and greetings. • Demonstrate use of finger spellings in ISL (for example: names, places and abbreviations.). • Express simple actions and feeling using ISL. • Express information related to time, directions, numbers and currency using ISL. Express information related to self- using the following: (e.g., name, native place, city, state, family members, work etc.)	LCD TV, Visual curricula, computer, White board	Indian Sign Language (ISL) Interpreter is mandatory for both theory and practical sessions. Any of the following tools may be used: • Assistive Aid/Service • Ai-Live • Captions First • Captions 2020 • Closed Capp • Let's Talk
2.	**Use basic English** **Theory Duration** (hh:mm) 27:00	• Recognize words and phrases related to formal and informal greetings. • Recognize simple personal information	LCD TV, Visual curricula, computer, White board	Indian Sign Language (ISL) Interpreter is mandatory for both theory and

Practical Duration (hh:mm) 12:00 **Corresponding NOS** Bridge Module (PwD)		about self and others when shared in writing (e.g., name, age, place of residence, etc.). • Recognize very simple words related to home, neighbourhoods, everyday objects, marketplace, days of the week, months, time, directions, clothes, food and drinks. • Recognize simple pronouns (he/she/we/ they). • Recognize common verbs related to the movement of transport (e.g., buses run, boats sail). • Recognize words related to common. • feelings and emotions. (e.g., sad, unhappy, depressed, irritated, furious, angry). • Recognize familiar English words and phrases used in the workplace especially as instructions related to direction, safety instructions, date and time etc. • Write basic personal information about self and others such as names, date of birth, Id numbers, address, nationality, marital status). • Use simple words related to common diseases in sentences (e.g., cold, cough, headache, fever,		practical sessions. Any of the following tools may be used: • Assistive Aid/Servic e • Ai-Live • Captions First • Captions 2020 • Closed Capp • Let's Talk

		pain etc.).		
		• Write simple sentences using names of everyday objects, places, directions. (e.g., live in Delhi.).		
		• Write words related to professions (like vacancy, sale, associate, manager, supervisor, file etc.).		
		• Write words and short phrases to describe travel, holidays, and vacations.		
		• Frame written answer to simple questions related to self, food preferences, feelings etc.		
		• Identify and read health, safety, security signage in English at work and public places, or on gadgets and appliances when accompanied by related images or graphics.		
		• Read basic familiar words and phrases to identify areas of work, responsibilities and working relationships. Read and write simple sentences describing activities planned for the next day/ week/ month etc.		
3.	**Personal and social skill** **Theory Duration** (hh:mm) 09:00 **Practical Duration** (hh:mm)	• Discuss the importance of professional appearance and behavior at workplace. • Discuss the importance of following social etiquette in formal and informal settings. • Explain the principles of	LCD TV, Visual curricula, computer, White board	Indian Sign Language (ISL) Interpreter is mandatory for both theory and practical sessions. Any of the following

		communication.		tools may be used:
03:00

Corresponding NOS
Bridge Module (PwD) | | • Discuss the barriers to effective communication and ways to overcome these.
• Discuss the importance of managing stress.
• Display professional appearance.
• Demonstrate formal and informal communication etiquettes/ gestures/body language in dealing with seniors/peers or clients.
• Demonstrate ways to manage stress as per choice like breathing exercises/ spending time with friends etc.
• Create a method for stress | | • Assistive Aid/Service
• Ai-Live
• Captions First
• Captions 2020
• Closed Capp
• Let's Talk |
| 4. | **Professional & ethical behavior in the workplace**

Theory Duration (hh:mm)
09:00

Practical Duration (hh:mm)
03:00

Corresponding NOS
Bridge Module (PwD) | • Discuss the importance of completing task/assignments on time/ by prioritizing.
• Discuss the importance and challenges of teamwork in an organization to achieve goals.
• Discuss the importance of seeking assistance from peers and supervisor when required.
• Outline the importance of maintaining privacy and confidentiality.
• Discuss situations that may lead to conflict of interest with peers/organization and | LCD TV, Visual curricula, computer, White board | Indian Sign Language (ISL) Interpreter is mandatory for both theory and practical sessions.

Any of the following tools may be used:
• Assistive Aid/Service
• Ai-Live
• Captions First
• Captions 2020
• Closed Capp
  Let's Talk |

		ways to resolves them. • Prepare a work schedule prioritizing given tasks. • Demonstrate effective team behaviour to accomplish a given task.		
5.	**Develop Key Boarding Skills** **Theory Duration** (hh:mm) 00:00 **Practical Duration** (hh:mm) 30:00 **Corresponding NOS** Bridge Module (PwD)	• Demonstrate correct body posture while using Keyboard • Demonstrate hand and finger placement for proper keyboarding. • Demonstrate correct keystroking techniques using the touch method. • Demonstrate techniques to reduce the number of errors while typing to develop accuracy. • Demonstrate keystroke shortcuts to format a word document. (For example, change paragraph alignment, bold /italicize text, Capitalize letters etc.).	LCD TV, Visual curricula, computer, White board	Indian Sign Language (ISL) Interpreter is mandatory for both theory and practical sessions. Any of the following tools may be used: • Assistive Aid/Service • Ai-Live • Captions First • Captions 2020 • Closed Capp • Let's Talk
6	**Animation Requirements** **Theory Duration** (hh:mm) 30:00 **Practical Duration** (hh:mm) 30:00 **Corresponding NOS Code**	• Descriptive guidelines to animation • Familiarise with modelling. • Character sketching and drawing of human anatomy. • Production concepts and their applicability to each project. • The various techniques available for animating objects. • Understanding various elements that influence the final artwork.	• Laptop • White board • Marker • Projector • Animation Software (maya etc.)	Indian Sign Language (ISL) Interpreter is mandatory for both theory and practical sessions. Any of the following tools may be used: • Assistive Aid/Service • Ai-Live

	MES/ N 0701	• Enact and emote. • Learn to create hook up poses and animation		• Captions First • Captions 2020 • Closed Capp • Let's Talk
7	**Conceptualize Creative Ideas for Production** **Theory Duration** (hh:mm) 30:00 **Practical Duration** (hh:mm) 60:00 **Corresponding NOS Code** MES/ N 0702	• Find inspiration in form of character references that would aid design. • Generate inventive ideas and thoughts for creation using visualization and utilizing references from the concept artwork arranged by the creators, drawing from creative ability, acting and performing. • Give priority to target audience, schedule and show requirements.	• Laptop • White board • Marker • Projector • Animation Software (maya etc.)	Indian Sign Language (ISL) Interpreter is mandatory for both theory and practical sessions. Any of the following tools may be used: • Assistive Aid/Service • Ai-Live • Captions First • Captions 2020 • Closed Capp • Let's Talk
8	**Animation Workflow and Tools** **Theory Duration** (hh:mm) 30:00 **Practical Duration** (hh:mm) 60:00 **Corresponding NOS Code** MES/N0703	• Be aware of various software production tools available in market today. Suggest the most optimum tool for the production. • Access timelines for production with respect to the production agenda	• Laptop • White board • Marker • Projector • Animation Software (maya etc.)	Indian Sign Language (ISL) Interpreter is mandatory for both theory and practical sessions. Any of the following tools may be used: • Assistive Aid/Service • Ai-Live • Captions First • Captions 2020 • Closed Capp • Let's Talk
9	**Produce 2D**	• Go about the storyboard	• Laptop	Indian Sign

		for composition. Position the character with respect to the background and camera to make the desired animation. • Draw the key frame drawings to get a reference point for strong poses and incorporate audio or music assets. • Understand the concept of Hook-up or transition from one scene to another • Work with layers to get good perspective views. • Effectively work with the team and other departments (assets, lighting and effects). • Review the animation looking at the creative and design specifications along with the brief. • Meet quality standards (reducing iterations) so that they are delivered within time. Use the principles of design, filmmaking and 2D animation to create sequences and scenes	• White board • Marker • Projector • Animation Software (maya etc.)	Language (ISL) Interpreter is mandatory for both theory and practical sessions. Any of the following tools may be used: • Assistive Aid/Service • Ai-Live • Captions First • Captions 2020 • Closed Capp • Let's Talk
Animation **Theory Duration** (hh:mm) 30:00 **Practical Duration** (hh:mm) 30:00 **Corresponding NOS Code** MES/N0704				
10	**Produce 3D Animation** **Theory Duration** (hh:mm) 30:00 **Practical Duration** (hh:mm) 30:00	• Make films by applying principles of 3D animation and design. • Work on motion or performance capture studio. • Prototype pre-visualisation making for review. • Critically review animation produced • Apply 3D animation	• Laptop • White board • Marker • Projector • Animation Software (maya etc.)	Indian Sign Language (ISL) Interpreter is mandatory for both theory and practical sessions. Any of the following tools may be used:

				• Assistive Aid/Service • Ai-Live • Captions First • Captions 2020 • Closed Capp • Let's Talk
	Corresponding NOS Code MES/N0705	techniques like realistic 3D animation (key frame animation plus motion capture)		
11	**Produce Stop Motion Using Stop Motion Pro** **Theory Duration** (hh:mm) 15:00 **Practical Duration** (hh:mm) 30:00 **Corresponding NOS Code** MES/N0706	• Animate stop motion characters • Contribute creative ideas during the animation process. • Apply stop motion animation techniques. • Stop Motion Using Stop Motion Pro, apply stop motion animation techniques using Stop motion Pro Software.	• Laptop • White board • Marker • Projector • Animation Software (maya etc.)	Indian Sign Language (ISL) Interpreter is mandatory for both theory and practical sessions. Any of the following tools may be used: • Assistive Aid/Service • Ai-Live • Captions First • Captions 2020 • Closed Capp • Let's Talk
12	**Maintain Workplace Health and Safety** **Theory Duration** (hh:mm) 15:00 **Practical Duration** (hh:mm) 30:00 **Corresponding NOS Code** MES/N0706	• Understand and comply with the organisation's current health, safety and security policies and procedures. • Understand the safe working practices pertaining to own occupation. • Understand the government norms and policies relating to health and safety including emergency procedures for illness, accidents, fires or others which may involve evacuation of the	• Laptop • White board • Marker • Projector • Animation Software (maya etc.)	Indian Sign Language (ISL) Interpreter is mandatory for both theory and practical sessions. Any of the following tools may be used: • Assistive Aid/Service • Ai-Live • Captions First • Captions 2020

		premises. • Identify the people responsible for health and safety in the workplace, including those to contact in case of an emergency. • Identify security signals e.g. fire alarms and places such as staircases, fire warden stations, first aid and medical rooms. • Identify aspects of your workplace that could cause potential risk to own and others health and safety. • Ensure own personal health and safety, and that of others in the workplace though precautionary measures. • Identify and recommend opportunities for improving health, safety, and security to the designated person. • Identify and correct risks like illness, accidents, fires or any other natural calamity safely and within the limits of individual's authority.		• Closed Capp • Let's Talk
	Total Duration (hh:mm) 630:00 **Theory Duration (hh:mm) 240:00 + 60 Hrs**	Laptop, PowerPoint & white board, marker, projector, Laptop, Animation Software (maya etc.), electricity tester, safety and ergonomics chart, Fire Extinguisher, First-Aid Kit	

Employability Skills **Practical Duration (hh:mm)** 330:00	

Grand Total Course Duration: 630 Hours, 0 Minutes

Trainer Prerequisites for Job role: "Animator" mapped to Qualification Pack: "PWD/MES/Q0701 v2.0"

Sr. No	Area	Details
1	**Description**	Producing a sequence of 2D/3D images using animation software
2	**Personal Attributes**	This job requires the individual to know the fundamentals of life drawing including human anatomy, emotions, actions, and expressions. The individual must know and keep updated on graphics and animation software and apply principles of design, animation and filmmaking to create animation sequences. The individual must be able to collaborate and work effectively as a member of a team to deliver work-products within requisite timelines.
3	**Minimum Educational Qualifications**	Class XII Graduation in Fine Arts or equivalent
4a	**Domain Certification**	Class Certified for Job Role: "Animator" mapped to QP: "MES/Q 0701", version 2.0. Minimum accepted score as per SSC guidelines is 80%. XII Graduation in Fine Arts or equivalent
4b	**Platform Certification**	Recommended that the Trainer is certified for the Job Role: "Trainer"(VET & Skills) mapped to the Qualification Pack: ""MES/ Q2601". Minimum accepted score is 70%.
4c	**Disability specific Top Up module**	The Inclusive Trainer should be certified in Disability Specific Top Uptraining PWD/Q0101, v2.0 Trainer-PwD conducted by SCPwD with minimum accepted score of 80% as per SCPwD guidelines.
4d	**Specific Requirement for Persons with Speech and Hearing Impairment**	The Indian Sign Language Interpreter should be mandatory during the training, counselling and placement of Persons with Speech and Hearing Impairment. A Certification by Indian Sign Language Research and Training Centre (ISLRTC) or Ali Yavar Jung National Institute of Speech and Hearing Disabilities (Divyangjan) (AYJNISHD(D)) will be desirable.
5	**Experience**	3 years Animator or 4-6 years Lead Animator

Employability Skills **DGT/VSQ/N0102**
Mapped to (Bridge Module)

Terminal Outcomes:
- Introduction to Employability Skills
- Constitutional values - Citizenship
- Becoming a Professional in the 21st Century
- Basic English Skills
- Career Development & Goal Setting
- Communication Skills
- Diversity & Inclusion
- Financial and Legal Literacy
- Essential Digital Skills
- Entrepreneurship
- Customer Service
- Getting ready for Apprenticeship & Jobs

Duration: 60:00
Key Learning Outcomes
Introduction to Employability Skills Duration: 1.5 Hours After completing this programme, participants will be able to: 1. Discuss the Employability Skills required for jobs in various industries 2. List different learning and employability related GOI and private portals and their usage Constitutional values - Citizenship Duration: 1.5 Hours 3. Explain the constitutional values, including civic rights and duties, citizenship, responsibility towards society and personal values and ethics such as honesty, integrity, caring and respecting others that are required to become a responsible citizen 4. Show how to practice different environmentally sustainable practices. Becoming a Professional in the 21st Century Duration: 2.5 Hours 5. Discuss importance of relevant 21st century skills. 6. Exhibit 21st century skills like Self-Awareness, Behavior Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn etc. in personal or professional life. 7. Describe the benefits of continuous learning. Basic English Skills Duration: 10 Hours 8. Show how to use basic English sentences for everyday conversation in different contexts, in person and over the telephone 9. Read and interpret text written in basic English 10. Write a short note/paragraph / letter/e -mail using basic English Career Development & Goal Setting Duration: 2 Hours 11. Create a career development plan with well-defined short- and long-term goals

Communication Skills Duration: 5 Hours
12. Demonstrate how to communicate effectively using verbal and nonverbal communication etiquette.
13. Explain the importance of active listening for effective communication
14. Discuss the significance of working collaboratively with others in a team

Diversity & Inclusion Duration: 2.5 Hours
15. Demonstrate how to behave, communicate, and conduct oneself appropriately with all genders and PwD
16. Discuss the significance of escalating sexual harassment issues as per POSH act.

Financial and Legal Literacy Duration:5 Hours
17. Outline the importance of selecting the right financial institution, product, and service
18. Demonstrate how to carry out offline and online financial transactions, safely and securely
19. List the common components of salary and compute income, expenditure, taxes, investments etc.
20. Discuss the legal rights, laws, and aids

Essential Digital Skills Duration: 10 Hours
21. Describe the role of digital technology in today's life
22. Demonstrate how to operate digital devices and use the associated applications and features, safely and securely
23. Discuss the significance of displaying responsible online behavior while browsing, using various social media platforms, e-mails, etc., safely and securely
24. Create sample word documents, excel sheets and presentations using basic features 25. utilize virtual collaboration tools to

work effectively Entrepreneurship Duration: 7 Hours
26. Explain the types of entrepreneurship and enterprises
27. Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan
28. Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per requirement
29. Create a sample business plan, for the selected business opportunity

Customer Service Duration: 5 Hours
30. Describe the significance of analyzing different types and needs of customers
31. Explain the significance of identifying customer needs and responding to them in a professional manner.
32. Discuss the significance of maintaining hygiene and dressing appropriately

Getting Ready for apprenticeship & Jobs Duration: 8 Hours 33. Create a professional Curriculum Vitae (CV)
34. Use various offline and online job search sources such as employment exchanges, recruitment agencies, and job portals

| respectively |
| 35. Discuss the significance of maintaining hygiene and confidence during an interview |
| 36. Perform a mock interview |
| 37. List the steps for searching and registering for apprenticeship opportunities |

| Classroom Aids: |
| Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster |
| Tools, Equipment, and Other Requirements |
| 1.Computer (PC) with latest configurations – and Internet connection with standard operating system and standard word processor and worksheet software (Licensed) (all software should either be latest version or one/two version below) As required 2.UPS As required 3. Scanner cum Printer As

required 4. Computer Tables As required 5. Computer Chairs As required 6. LCD Projector As required 7. White Board 1200mm x 900mm As required |

Persons with Speech and Hearing Impairment

Characteristics

- Use other senses as mediums of learning. (Use gestures, body language, expressions, lip reading etc.).
- Use adapted material such as visual or sight vocabulary to provide first-hand experience.
- Use assistive devices such as hearing aid, loop systematic.
- Teach how to access sound-based information.

Guidelines for Trainers

- Make sure you are aware of the learners' language abilities and preferred learning style to ensure inclusion into the group.
- When you have a student with SHI in the group, reduce background noise or, request for a classroom that is away from noise. Make sure you have the whole group's attention before starting the session.
- Allow SHI students to sit where they wish. SHI students who can read the lip should sit near the front. (Optimum distance for lip-reading is considered to be about 6 feet.)
- Face the SHI student while speaking.
- Use clear speech.
- Make sure the room is well lit to allow the student with SHI to see your facial expression, signing and/or lip read.
- Use assistive device where available, to facilitate teaching-learning in the classroom.

- Arrange the classroom so that students can see each other, e.g., organizing the class in a circle or semicircle allows all students to see each other.
- Use shorter sentences, clearer speech.
- Associate words with real objects, pictures; for example, the color concept.
- Use pictures (flash cards), real objects, real experiences, dramatization, and activities.
- You can write key points on the board or chart.
- Encourage other people or staff to develop communication strategies so that they can get into the style of students with SHI.