

DACUM Panel

1. Mr. Chhering Dorjee Sherpa, Aspirant Guide, High Altitudes Dream P. Ltd., Sokedhara, Kathmandu
2. Mr. Tenzeeng Sherpa, Aspirant Guide, Professional Treks and Expeditions Pvt. Ltd., Boudha, Kathmandu
3. Mr. Gelje Sherpa, Aspirant Guide, Expes.Com, Soaltemode, Kathmandu
4. Mr. Pasang Kaji Sherpa, Aspirant Guide, Free Lancer, Chabahil, Kathmandu
5. Mr. Ngima Grimen Sherpa, Aspirant Guide, Freelancer, Gangabu, Kathmandu
6. Mr. Pasang Tendi Sherpa, Aspirant Guide, Thamserku Trekking and Expedition Pvt. Ltd, Baluwatar, Kathmandu
7. Mr. Ang Gyaljen Sherpa, Aspirant Guide, Adventure 6000 Pvt. Ltd., Baluwatar, Kathmandu
8. Mr. Ang Dawa Sherpa, Aspirant Guide, Thamserku Trekking and Expedition Pvt. Ltd, Baluwatar, Kathmandu
9. Mr. Tshring Jangbu Sherpa, Aspirant Guide, Prestige Adventure Pvt. Ltd, Bhaisepati, Lalitpur
10. Mr. Densa Bhote, Aspirant Guide, Freelancer, Dhapasi, Kathmandu

DACUM Facilitator/Co-facilitator

- Mr. Tulsi K.C., Sr. STO, NSTB
Mr. Ishwar Chandra Ghimire, STO, NSTB

Verification Panel

1. Mr. Pasang Sherpa, Mountain Guide, Himalayan Expedition Inn Pvt. Ltd., Sanepa, Lalitpur
2. Mr. Lam Babu Sherpa, Mountain Guide, High Altitude Dreams Pvt. Ltd. Sokedhara, Kathmandu
3. Mr. Prem Bahadur Gurung, Mountain Guide, Peak 15 Treks and Expeditions Pvt. Ltd., Chakrapath, Kathmandu
4. Mr. Tul Singh Gurung, Mountain Guide, Mountain Madness Pvt. Ltd., Sokedhara, Kathmandu
5. Mr. Phura Geljen Sherpa, Mountain Guide, High Altitude Dreams Pvt. Ltd., Sokedhara, Kathmandu
6. Mr. Pasang Tenzing Sherpa, Mountain Guide, Summit Nepal Trekking Pvt. Ltd., Kupondol, Kathmandu
7. Mr. Dorjee Lama, Mountain Guide, Freelancer, Boudha, Kathmandu
8. Mr. Chhering Dorjee Sherpa, Aspirant Guide, High Altitudes Dream P. Ltd., Sokedhara, Kathmandu
9. Mr. Tenzeeng Sherpa, Aspirant Guide, Professional Treks and Expeditions Pvt. Ltd., Boudha, Kathmandu

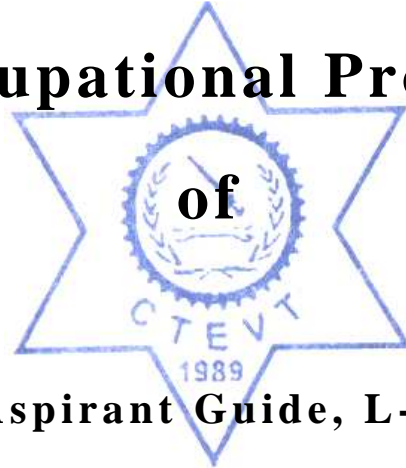
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- Mr. Tulsi K.C., Sr. STO, NSTB
Mr. Ishwar Chandra Ghimire, STO, NSTB

Technical Sub-Committee

1. Mr. Ang Tshering Sherpa, Coordinator, Mountaineering Technical Sub Committee, NSTB
2. Mr. Chandra Bhakta Nakarmi, -Member, Director, NSTB, Bhaktapur
3. Mr. Zimba Zangbu Sherpa, -Member, President, Nepal Mountaineering Association, Nagpokhari, Kathmandu
4. Mr. Pertemba Sherpa, -Member, Sr. Trainer, Nepal Mountaineering Association, Nagpokhari, Kathmandu
5. Mr. Shambu Tamang, -Member, Expert/Advisor, Nepal Mountaineering Association, Nagpokhari, Kathmandu
6. Mr. Bachchu Narayan Shrestha, -Member, Tourism Consultant, World Records Expedition & Treks, Chandol, Kathmandu
7. Mr. Pemba Gyalje Sherpa, -Member, Mountain Guide, High Country Trekking Pvt. Ltd., Baluwatar, Kathmandu
8. Mr. Pasang Sherpa, -Member, Mountain Guide, Himalayan Expedition Inn Pvt. Ltd., Sanepa, Lalitpur
9. Mr. Deepak Prasad Poudel, -Member, Dy. Director, NSTB
10. Mr. Tulsi K.C., -Member, Sr. Skill Testing Officer, Bhaktapur
11. Mr. Ishwar Chandra Ghimire, -Member, Skill Testing Officer, NSTB, Bhaktapur
12. Mr. Mina Raj Adhikari, -Member Secretary, Sr. Skill Testing Officer, NSTB, Bhaktapur

Occupational Profile



Aspirant Guide, L-3

(DACUM workshop held on 29 & 30 July 2012)

(Customized DACUM workshop held on 08 August 2012)

(Technical Sub Committee Meeting on 20 August 2012)



Council For Technical Education and Vocational Training

NATIONAL SKILL TESTING BOARD

Madhyapur Thimi 17, Sanothimi, Bhaktapur

Nepal

(NSTB approval date)

DUTIES and TASKS

A. Perform Trip Planning

A1. Collect peak/mountain information			A2. Prepare itinerary			A3. Coordinate team			A4. Perform logistic packing		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	2	1	3	1	2	3	2	1	3	2	2
A5. Collect trip documents			A6. Prepare logistic movement			A7. Allocate campsite			A8. Arrange accommodation		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	1	1	3	2	3	3	2	2	3	2	2

B. Prepare Equipment

B1. Prepare camping equipment			B2. Prepare kitchen equipment			B3. Prepare communication equipment			B4. Prepare climbing equipment		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	1	3	3	1	1	3	1	2	3	2	2
B5. Prepare safety equipment			B6. Prepare medical equipment								
Task rating			Task rating								
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency						
3	2	2	3	2	1						

C. Perform Trekking Peak Guiding

C1. Set route			C2. Perform briefing			C3. Manage group			C4. Check physical condition of team		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	3	2	3	1	3	3	2	3	3	2	3
C5. Perform orientation/navigation			C6. Disseminate weather condition			C7. Check snow condition			C8. Coordinate local facilities		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	2	3	3	3	3	3	3	3	3	2	3
C9. Manage local human resources											
Task rating											
Importance	Difficulty	Frequency									
3	2	3									

D. Perform Communication

D1. Perform climbing call			D2. Communicate with radio set			D3. Perform symbolic rescue communication			D4. Communicate satellite phone		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	1	3	3	2	3	3	1	3	3	1	2
D5. Perform e-communication			D6. Perform local communication			D7. Prepare trip report					
Task rating			Task rating			Task rating					
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency			
2	1	2	3	2	2	3	2	3			

E. Provide Safety & Security

E1. Check climbing gears			E2. Perform personal safety			E3. Provide team security			E4. Maintain equipment		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	1	3	3	1	3	3	2	3	3	1	3
E5. Detect rock fall			E6. Detect ice fall			E7. Prepare emergency shelter			E8. Detect crevasse		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	2	3	3	2	3	3	3	1	3	1	3
E9. Detect avalanche			E10. Detect cornice			E11. Detect snow condition					
Task rating			Task rating			Task rating					
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency			
3	3	3	3	3	3	3	3	3			

DUTIES and TASKS

F. Perform Rock/Ice/Mix Climbing

F1. Perform rope management			F2. Perform direct belay			F3. Perform lead climbing			F4. Perform indirect belay		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	3	3	3	1	3	3	3	3	3	2	3
F5. Conduct top rope climbing			F6. Perform multi pitch climbing			F7. Perform aid climbing			F8. Perform fix rope climbing		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	2	3	3	3	3	3	3	2	3	2	2
F9. Perform short rope technique			F10. Perform glacier travel			F11. Perform self arrest			F12. Perform running belay		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	3	3	3	3	3	3	3	3	3	3	3
F13. Perform abseiling/rappelling			F14. Perform body belay			F15. Perform classic technique					
Task rating			Task rating			Task rating					
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency			
3	3	3	3	2	3	3	2	3			

G. Manage Rope & Knots

G1. Prepare thumb knot			G2. Prepare figure of eight on a bight			G3. Prepare figure of eight retrace/rewoven			G4. Prepare Italian hitch /half sailor		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
2	2	1	3	2	3	3	2	2	3	2	3
G5. Prepare clove hitch/full sailor			G6. Prepare girth hitch			G7. Prepare double fisherman			G8. Prepare tie/tape knot		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	2	3	2	2	3	3	2	2	2	2	1
G9. Prepare machard			G10. Prepare kleimheist knot			G11. Prepare valdotain			G12. Prepare bowline knot		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	2	3	3	2	2	2	3	1	2	2	3
G13. Prepare alpine clutch / garda knot			G14. Prepare provisional knot			G15. Prepare butterfly knot			G16. Prepare overhand loop knot		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
2	3	1	3	3	3	2	3	1	2	3	2
G17. Prepare prussic knot			G18. Prepare mule knot			G19. Prepare reef knot			G20. Prepare stopper knot		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
2	3	2	2	3	2	2	3	2	3	1	3
G21. Prepare mountain coil			G22. Prepare butterfly coil			G23. Perform rope handling					
Task rating			Task rating			Task rating					
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency			
2	3	2	2	3	2	2	3	2			

H. Prepare Anchors

H1. Prepare two point anchor			H2. Prepare three point anchor			H3. Prepare rock bollard anchor			H4. Prepare eye row anchor		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	2	3	3	2	2	3	1	3	3	3	2
H5. Prepare ice bollard			H6. Prepare V-thread/abalakov			H7. Prepare snow bar anchor			H8. Prepare T-anchor		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
2	3	1	3	3	3	3	1	3	3	2	1
H9. Prepare snow bollard anchor			H10. Prepare tree anchor								
Task rating			Task rating								
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency						
3	2	3	3	2	3						

DUTIES and TASKS

I. Perform Environmental Management

I1. Manage campsite			I2. Manage disposable wastage			I3. Manage non disposable wastage			I4. Clean climbing route		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	1	3	3	1	3	3	1	3	3	2	3
I5. Maintain environmental standards			I6. Manage liquid wastage								
Task rating			Task rating								
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency						
3	1	3	3	1	3						

J. Provide Wilderness Medical Services

J1. Prevent/treat acute mountain sickness			J2. Control bleeding			J3. Treat fractures			J4. Prevent /treat hypothermia		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	3	3	3	2	3	3	3	1	3	3	2
J5. Prevent/treat frostbite			J6. Prevent /treat snow blindness			J7. Operate portable altitude chamber			J8. Operate oxygen equipment		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	3	1	3	3	1	3	3	1	3	1	2
J9. Prepare medical kits			J10. Prevent/treat heat stroke			J11. Prevent/treat exertion			J12. Provide CPR (Cardio Pulmonary Resuscitation)		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	3	1	3	3	1	3	3	1	3	1	2

K. Manage Mountain Rescue

K1. Manage rescue team			K2. Perform self rescue			K3. Perform cliff rescue			K4. Perform crevasse rescue		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	3	1	3	3	2	3	3	1	3	3	1
K5. Perform avalanche rescue			K6. Prepare improvise harness			K7. Perform tyrolean traverse			K8. Prepare stretcher		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	3	1	3	1	3	3	3	1	3	3	1
K10. Perform evacuation											
Task rating											
Importance	Difficulty	Frequency									
3	2	1									

L. Develop Professionalism

L1. Upgrade skill through refreshment training			L2. Follow ethical practices			L3. Develop national network			L4. Obey national climbing rules & regulations		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	2	3	3	2	1	3	1	2	3	2	3
L5. Participate in related seminar/workshop			L6. Respect social, culture & religious ties			L7. Maintain trade value					
Task rating			Task rating			Task rating					
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency			
3	2	1	3	2	3	3	1	3			

Rating options:

1= Low

2= Medium

3= High

Additional Information for Job Title

<p><u>Worker Traits</u></p> <ul style="list-style-type: none"> • Sincere • Punctual • Responsible • Helpful • Co-operative • Discipline • Honest • Healthy • Physically, Mentally and Technically fit • Faithful • Clever • Decisive • Patience • Active • Informative • Hard working • Motivation • Positive thinking • Respectful 	<p><u>Entry Requirement</u></p> <ul style="list-style-type: none"> • 5 Years experience involving in related field (Minimum 4 times involvement in 6000 meter trekking peak) • One and half month (386 hrs) basic mountaineering training conducted by Nepal Mountaineering Association • One month (304 hrs) advance mountaineering training conducted by Nepal Mountaineering Association • Completion of 600 hrs within 10 months Aspirant Guide Training and certification by NNMGA • As per NSTB rules 	<p><u>Career Path</u></p> <p>Mountain Guide, L-4</p>
<p style="text-align: center;"><u>Related Technical Knowledge</u></p> <p>Knowledge on:</p> <ul style="list-style-type: none"> • Safety rules (personal, and tools/machine) • Different tools and their uses. • Navigation, Nivology, Meteorology • Different mountain Terminology (summit, pinnacle, col, gully, couloir, moraine, Overhang, chimney, cornice, scree, remay, glacier, face, pass, serac, shoulder, icefall, snow bridge, spur, ridge, edge, roof, debris) • Uses of different mountain medicine/first aid • Snow & avalanche • Rock craft, ice craft, mix terrain • Glacier traverse • Mountain rules and regulations • Climbing etiquette/culture • Different types of rescues • Use of climbing, camping, kitchen, rescue equipments • Different ropes and knots • History and geography of different mountain • Uses of communication devices. • Altitude sickness • Uses of different foods items while climbing. • Nutritional value • Daily physical condition • Different anchor set up • Ascending and descending • Belay • Application of oxygen • Briefing technique • Guide ethic/culture • Environmental protection • Camp site selection • Types of rock (Sedimentary, igneous, metamorphic) • Types of ice (blue, black, waterfall, glacier, rotten, white) • Types of crevasse (A shape, V shape, H shape, U shape, parallel) • Time Management • Documentation(Consignment, Presentation, Reporting, Insurance, Permit, Trip Itinerary, Contract Paper, Clients Details) 		<p style="text-align: center;"><u>Tools/Equipment</u></p> <p>Tools</p> <ul style="list-style-type: none"> • Hacksaw, Ice axe(Technical and Normal), Ice Screw, V-thread hook, Snow Picket, Crampon (Technical and Normal), Shovel, Dead man, Snow Bar • Rock Piton, Quick Draw, Chocks, Nuts, Friend, hexes, Nut key , Rock Hammer, bolt, Melons, fi fi Hook, drill bit • Ascender (Jumar, Croll, Shunt), Belay Devices(Figure of 8, ATC, ATC Guide, Reverso and GriGri) • Mini Traxion, T-Block, Rope man, Pulley, Carabineers (Lock, Auto Lock and unlock) • Compass, Altimeter, Maps, Pencil, scale, note book <p>Equipments</p> <ul style="list-style-type: none"> • Binocular, GPS (Global Positioning System), PAC bag (Portable Altitude Chamber), Walkie-Talkie, Sat Phone, Cell phone, Altimeter Watch, Pocket Knife, solar panel, Probe, Head light, Camp light, Batteries, Oxy- meter, Oxygen cylinder, Mask, regulators, canister gas, Burner, cooking pots, Thermos, Lighter or matches, Camera, IPod/MP3, SD Card, Laptop • Chalk (Bag and Powder), Dynamic rope(Single, Half and twines), Static rope, Tape selling, Daisy chain, Prussic cord, rock shoes, Harness, Helmet, drilling machine, Mountaineering boots • Mattress, sleeping bag, Jackets (Gore-Tex, Down feather , Fleece, Inner Liner), Paints (Gore-Tex, Down feather , Fleece, Inner Liner, trekking paints), socks, T-shirts, Hat (woolen, fleece, Balaclava.), Gloves(Mitten, Gore-Tex, Down feather, Fleece, Inner Liner), Thermal suite , bivouac sack, Down suite, Gaiters, • Glacier/Sun glasses, snow Goggles, Lip guard , sun block cream, camp shoes, sandal, trekking boot, First- Aid kit, Toiletry, Duffle bag, Rucksack, rain cover, water bottle, Pee Bottle, Trekking pole, Journal/Book, Documents bag, money bag, Duck Tape, sewing kit, super glue