

**Driving Training Institute
(DTI)**

Under NIAIMT, Silchar, Assam

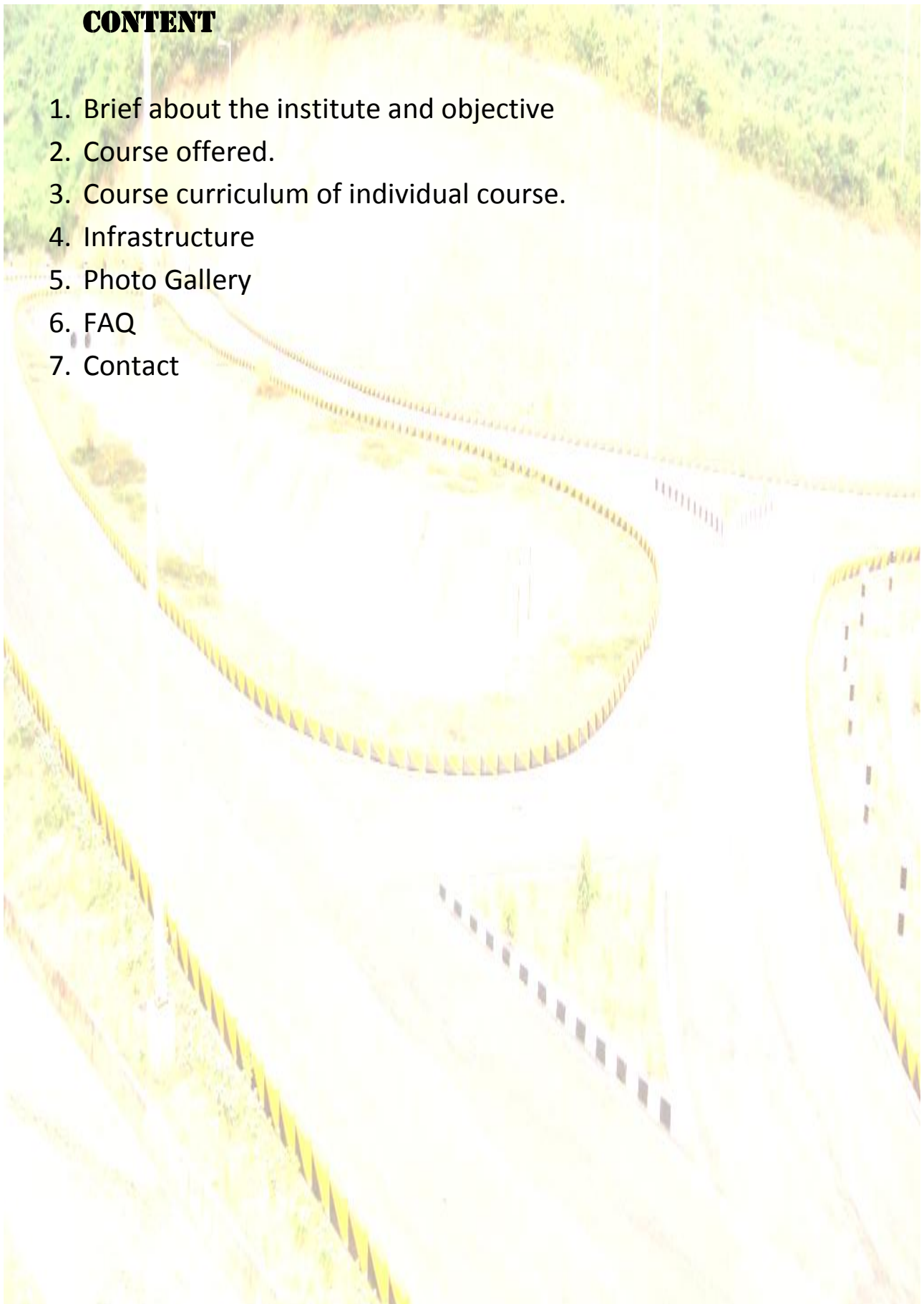
Driving Excellence

Hill Driving Training Track, NIAIMT

PROSPECTUS

CONTENT

1. Brief about the institute and objective
2. Course offered.
3. Course curriculum of individual course.
4. Infrastructure
5. Photo Gallery
6. FAQ
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THE INSTITUTE

National Institute for Automotive Inspection Maintenance & Training (NIAIMT), Silchar is a state-of-the-art project set up under National Automotive Testing and R&D Infrastructure Project (NATRIP) Implementation Society. NIAIMT has three sections viz. INSPECTION & MAINTENANCE (I&M) STATION, HILL DRIVING TRAINING INSTITUTE (HDTI) and MECHANICS TRAINING INSTITUTE (MTI).

At Silchar center, a hill driving training center equipped with training tracks and advanced driving simulators commissioned. This, coupled with knowledgeable and efficient trainers will help to train drivers to drive in hill terrain as well as all weather conditions. NIAIMT has two campuses at Dholchera and Jaffirbond near Silchar.

National Automotive Testing and R&D Infrastructure Project (NATRIP), the largest and one of the most significant initiatives in Automotive sector so far, represents a unique joining of hands between the Government of India, a number of State Governments and Indian Automotive Industry to create a state of the art Testing, Validation and R&D infrastructure in the country.

OBJECTIVE OF HDTI

The main objective of HDTI is to create skilled, knowledgeable and efficient drivers to forward in the direction to make roads safer. Considering the geographical condition of North-East, HDTI has designed its courses in such a way that the drivers could get additional knowledge and skills to drive in hilly terrains.



COURSES OFFERED

Sl No.	Course Name	Duration
1	Refresher training for Heavy Motor Vehicle driver	2 Days
2	Refresher training for Drivers of Public Service Vehicle	2 Days
3	Refresher training for experienced drivers on defensive driving & fuel efficiency	2 Days
4	Beginner course for Heavy duty vehicle driver	30 Days
5	Beginner course for Light Moving vehicle driver	21 Days
6	Refresher course for Light Moving Vehicle driver	2 Days

** Customized Courses for corporate houses, Defense Organizations, PSUs – ONGC, IOCL etc.

1. REFRESHER TRAINING FOR HEAVY MOTOR VEHICLE DRIVER

Eligibility	Candidates must have HMV / HCV license
Training Duration	2 Days
Batch Size	20 Person
Theory	1 & ½ day
Simulator	½ day per batch
Practical & Evaluation	
Course Fee	Please contact for latest Fees Structure.
Accommodation (Subject to availability)	Available

CURRICULUM

Theory:

1. Driving Theory-II
2. Traffic Education-II
3. Public Relations for Drivers
4. Heavy Vehicle Driving Practice
5. Fire Hazard
6. Vehicle Maintenance
7. First Aid

TRAINING @ ADVANCED SIMULATORS

PRACTICAL TRAINING

EVALUATION

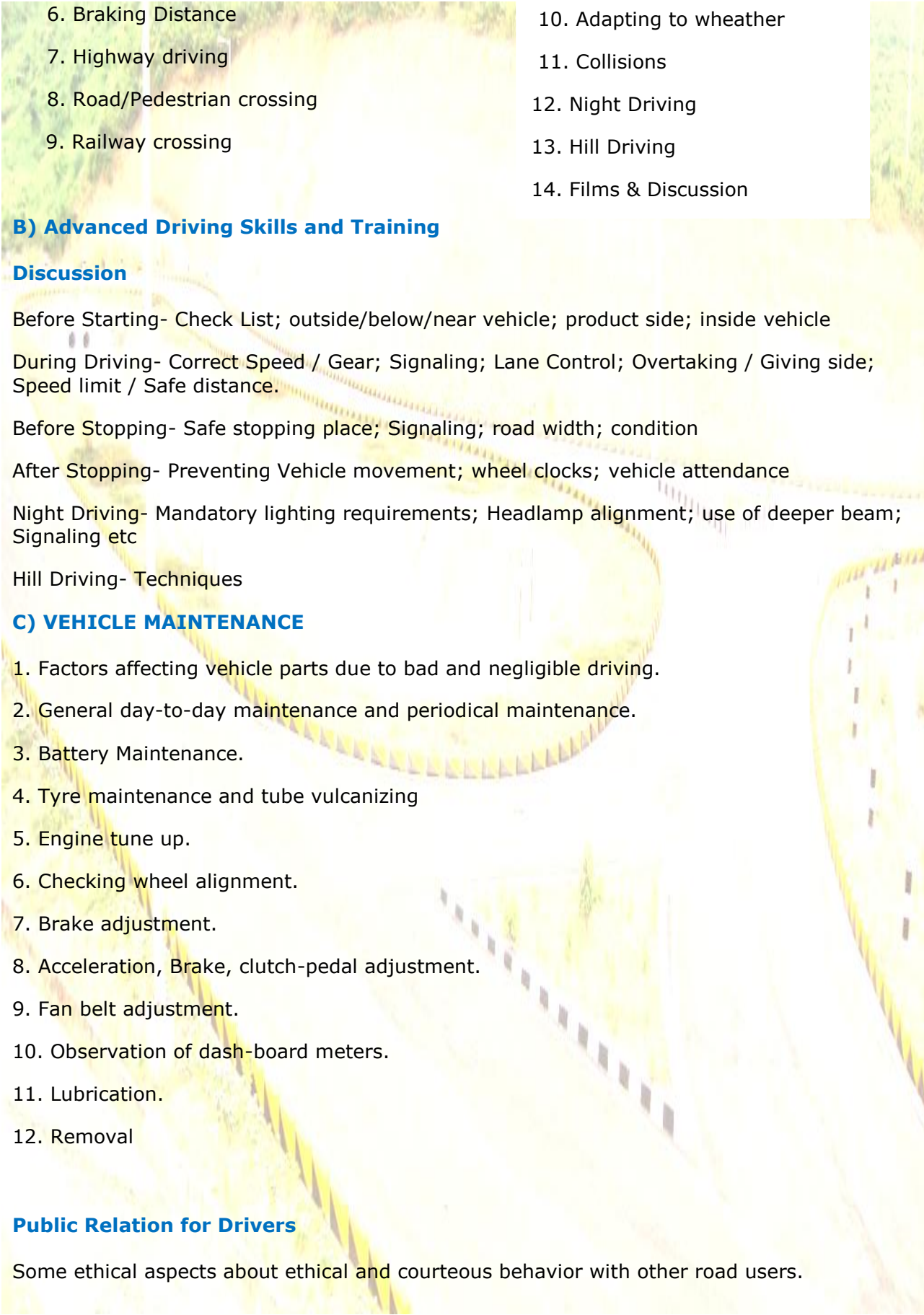
2. REFRESHERS TRAINING FOR DRIVERS OF PUBLIC SERVICE VEHICLE

Eligibility	Candidates must have LMV-T HMV / HCV license/ BATCH NO.
Training Duration	2 Days
Batch Size	20 Person
Theory	1 & ½ day
Simulator	½ day
Practical & Evaluation	
Course Fee	Please contact for latest Fees Structure.
Accommodation (Subject to availability)	Available

CURRICULUM

A) Defensive Driving

1. Questionnaire
2. Cause of accidents
3. Accident Statics
4. Driver's Personal Fitness
5. Car Condition

- 
6. Braking Distance
 7. Highway driving
 8. Road/Pedestrian crossing
 9. Railway crossing

10. Adapting to weather
11. Collisions
12. Night Driving
13. Hill Driving
14. Films & Discussion

B) Advanced Driving Skills and Training

Discussion

Before Starting- Check List; outside/below/near vehicle; product side; inside vehicle

During Driving- Correct Speed / Gear; Signaling; Lane Control; Overtaking / Giving side; Speed limit / Safe distance.

Before Stopping- Safe stopping place; Signaling; road width; condition

After Stopping- Preventing Vehicle movement; wheel locks; vehicle attendance

Night Driving- Mandatory lighting requirements; Headlamp alignment; use of deeper beam; Signaling etc

Hill Driving- Techniques

C) VEHICLE MAINTENANCE

1. Factors affecting vehicle parts due to bad and negligible driving.
2. General day-to-day maintenance and periodical maintenance.
3. Battery Maintenance.
4. Tyre maintenance and tube vulcanizing
5. Engine tune up.
6. Checking wheel alignment.
7. Brake adjustment.
8. Acceleration, Brake, clutch-pedal adjustment.
9. Fan belt adjustment.
10. Observation of dash-board meters.
11. Lubrication.
12. Removal

Public Relation for Drivers

Some ethical aspects about ethical and courteous behavior with other road users.

FIRE HAZARDS

Fire Fighting and prevention methods on vehicle.

TRAINING @ ADVANCED SIMULATORS

PRACTICE DEMONSTRATION

EVALUATION

3. REFRESHER TRAINING FOR EXPERIENCED DRIVERS FOR DEFENSIVE DRIVING AND FUEL EFFICIENCY

Eligibility	Candidates must have LMV-T/NT, HMV / HCV license
Training Duration	2 Days
Batch Size	20 Person
Theory	1 day
Practical & Evaluation	1 day
Course Fee	Please contact for latest Fees Structure.
Accommodation (Subject to availability)	Available

Curriculum

Theory

Defensive Driving

1. Questionnaire
2. Cause of accidents
3. Accidents statistics
4. Driver's Personal fitness
5. Car condition
4. Braking Distance
5. Highway driving
6. Road/Pedestrian crossing
7. Railway crossing
8. Adapting to weather
9. Head on collision
10. Rear end collision
11. Night Driving
12. Hill Driving
13. Films & Discussion

FUEL SAVING TECHNIQUES

All the techniques to save fuel.

PRACTICE DEMONSTRATION ON DEFENSIVE DRIVING AND FUEL SAVING TECHNIQUES

EVALUATION

4. BEGINNER COURSE FOR HEAVY DUTY VEHICLE DRIVER

Eligibility	Candidates must have HMV / HCV Learner license
Training Duration	30 Days
Batch Size	20 Person
Theory	3 day per batch
Simulator	2 Hrs per candidate, 20 min per day per candidate
Practical	15 hrs per candidate, 1 hour per day per candidate
Evaluation	1 Day per batch
Course Fee	Please contact for latest Fees Structure.
Accommodation (Subject to availability)	Available

Curriculum

Driving Theory-II:

1. Quality of a good driver
2. Knowledge of vehicle control
3. Response of Controls
4. Pre-driving Checks:
5. Holding steering wheel
6. Gear Changing
7. Beginning to drive
8. M.S.M. and P.S.L. routine
9. Maneuvers
10. Stopping
11. Stopping Distance
12. Following Distance
13. Identification, prediction, decision and execution (IPDE) principle.
14. Defensive driving techniques.
15. Night driving
16. Hill Driving
17. Emergency Maneuvers
18. Driving under special conditions
19. Towing
20. Fuel Saving Methods
21. Reports-Discussions

Traffic Education-II

1. Know your road
2. Slight distance
3. Road Junctions
4. Traffic Islands
5. Bye-pass, Subway, Over-Bridgend fly-overs
6. Bus-stop, bus terminus, bus stand
7. Road marking
8. Lane section and Lane discipline
9. Automatic light signals
10. Road users characteristics
11. Accidents
12. Important provision in motor vehicle act, 1988 (59 of 1988), Central motor vehicles rules, 1989.

Public Relation for Drivers

Some ethical aspects about ethical and courteous behavior with other road users.

HEAVY VEHICLE DRIVING PRACTICE

1. Introduction to various instruments
2. Pre-driving checks
3. Beginning to drive
4. Rural road driving
5. Development of judgment
6. Development of anticipation
7. Developing skill to drive in crowded street
8. Night Driving
9. Cross country practice and hill driving
10. Internal-Trade test
11. Reversing and parking practice
12. Licensing

FIRE HAZARDS

Fire Fighting and prevention methods on vehicle.

VEHICLE MAINTENANCE

1. Factors affecting vehicle parts due to bad and negligible driving.
2. General day-to-day maintenance and periodical maintenance.
3. Battery Maintenance.
4. Tyre maintenance and tube vulcanizing
5. Engine tune up.
6. Checking wheel alignment.
7. Brake adjustment.
8. Acceleration, Brake, clutch-pedal adjustment.
9. Fan belt adjustment.
10. Observation of dash-board meters.
11. Lubrication.
12. Removal of air lock and oil block.

FIRST-AID

1. Introduction to First-Aid
2. Outline of first-Aid
3. Structure and function of body
4. Dressing and Bandages
5. The circulation of the blood
6. Wounds and Hemorrhage

7. Hemorrhage from special regions
8. Shock
9. Respiration
10. Injuries to bones

11. Burning scales
12. Unconsciousness (insensibility)
13. Poisons

TRAINING @ ADVANCED SIMULATORS

PRACTICAL TRAINING

EVALUATION

5. BEGINNER COURSE FOR LIGHT MOTOR VEHICLE DRIVER

Eligibility	Candidates must have min LMV Learner license
Training Duration	21 Days
Batch Size	20 Person
Theory	3 day per batch
Simulator	2 Hrs per candidate, 20 min of session
Practical	10 hrs per candidate, 1 hour per day per candidate
Evaluation	1 Day per batch
Course Fee	Please contact for latest Fees Structure.
Accommodation (Subject to availability)	Available

Curriculum

THEORY

DRIVING THEORY- I

1. Know your vehicle
2. Vehicle control: Foot controls;
Hand controls; Other controls.
3. Pre Driving checks
4. Beginning to drive
5. Driving on the road
6. Driving at inter-section
7. Maneuvers
8. Reversing
9. Parking
10. Driver's responsibility on the road
11. Priority for certain vehicles

TRAFFIC EDUCATION – I

1. Driving regulations
2. Hand Signals
3. Traffic Signs

4. Hand Signals of traffic constables / traffic warden
5. Introduction to Automatic light signals
6. Introduction to road markings
7. Speed regulations on highways and city roads
8. Parking at objectionable places
9. Some important provisions of the motor vehicle Act, 1988- sec 122, 123,125,126,128.
10. Test of competence to drive.

LIGHT VEHICLES DRIVING PRACTICE

1. Identifications of several of the vehicles.
2. Pre-driving checks.
3. Steering practice
4. Biting point
5. Moving and gear changing
6. Stopping
7. Developing judgment and anticipation to drive on road.
8. Reversing
9. Turning about and parking.
10. Licensing

VEHICLE MECHANISM AND REPAIRS

1. Layout of vehicle
2. Function of diesel and petrol engine
3. Fuel System
4. Cooling system
5. Lubrication System
6. Transmission system
7. Suspension system
8. Steering system
9. Brake system
10. Electrical system
11. Tyres
12. Instruments cluster, dash board meterstand- their purpose and functions.

Traffic Education-II

1. Know your road
2. Slight distance
3. Road Junctions
4. Traffic Islands
5. Bye-pass, Subway, Over-Bridgend fly-overs
6. Bus-stop, bus terminus, bus stand
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FIRST-AID

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Introduction to First-Aid 2. Outline of first-Aid 3. Structure and function of body 4. Dressing and Bandages 5. The circulation of the blood 6. Wounds and Hemorrhage 7. Hemorrhage from special regions | <ol style="list-style-type: none"> 8. Shock 9. Respiration 10. Injuries to bones 11. Burning scales 12. Unconsciousness (insensibility) 13. Poisons |
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TRAINING @ ADVANCED SIMULATORS

PRACTICAL TRAINING

EVALUATION

6. REFRESHER COURSE FOR LIGHT MOTOR VEHICLE

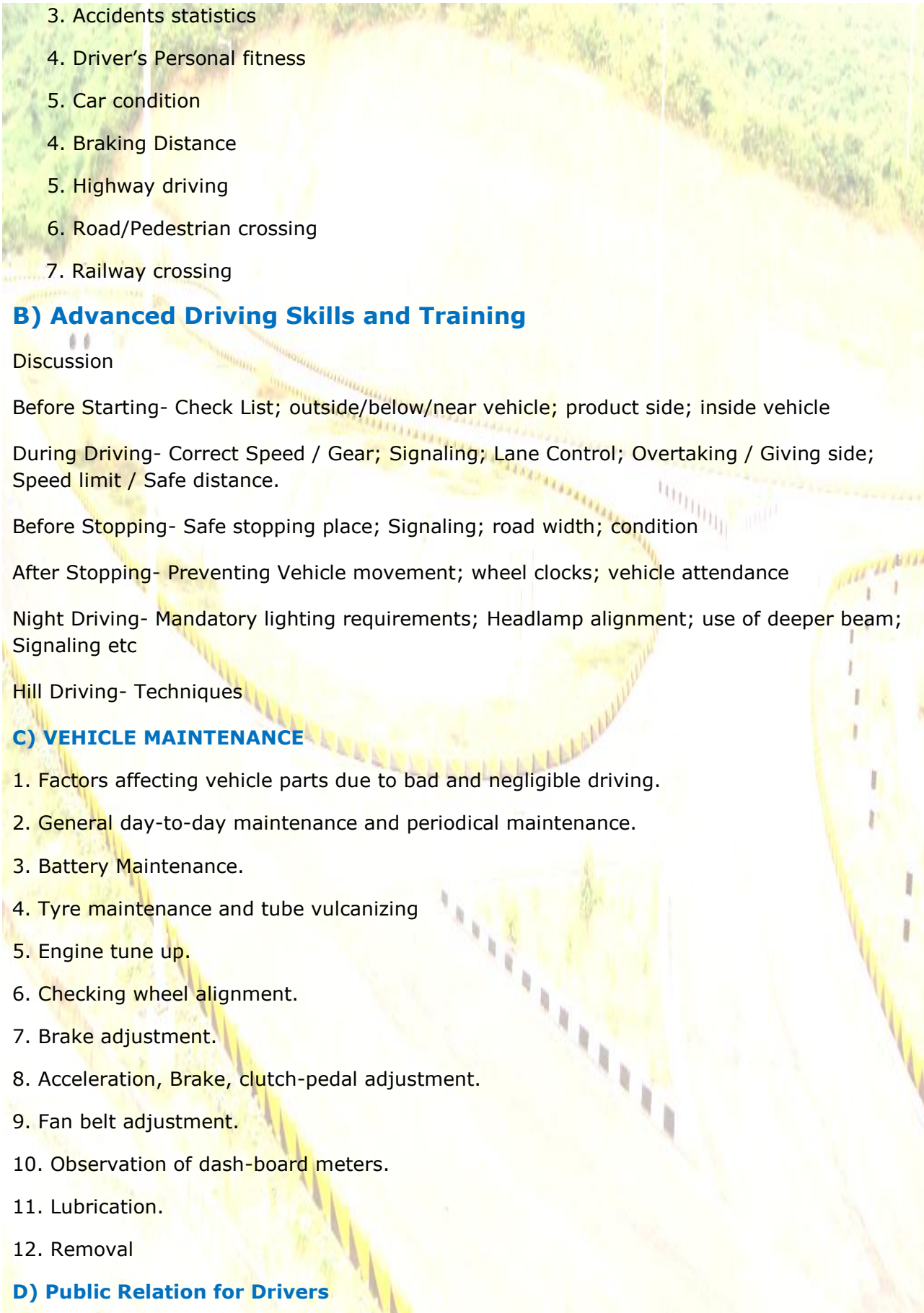
Eligibility	Candidates must have LMV-T/NT license
Training Duration	3 Days
Batch Size	20 Person
Theory	1 & ½ day
Simulator	½ day per batch
Practical & Evaluation	1 day per batch
Course Fee	Rs. 600/-
Accommodation (Subject to availability)	Rs. 300/- for the course (3 Days)

Curriculum

THEORY

A) Defensive Driving

1. Questionnaire
2. Cause of accidents

- 
3. Accidents statistics
 4. Driver's Personal fitness
 5. Car condition
 4. Braking Distance
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 6. Road/Pedestrian crossing
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12. Removal

D) Public Relation for Drivers

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E) FIRST AID

Basic First Aid Practices.

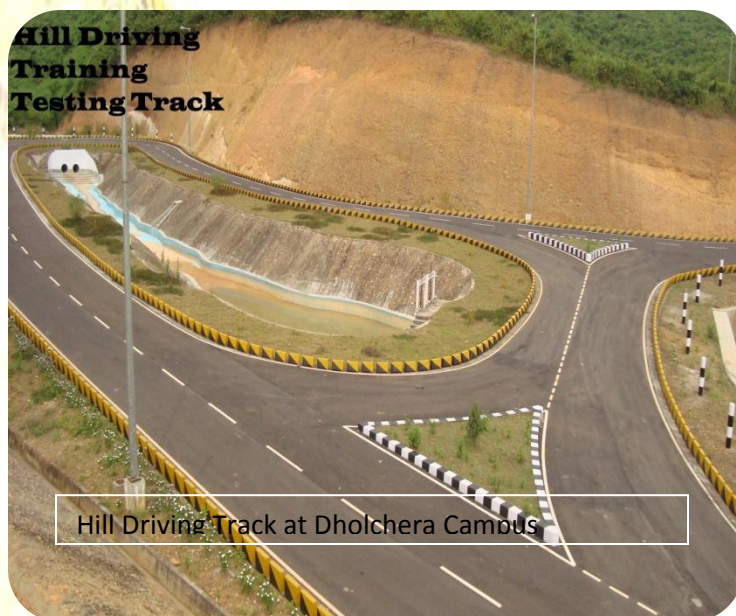
F) TRAINING @ ADVANCED SIMULATORS

G) PRACTICE DEMONSTRATION

H) EVALUATION

HDTI, NIAIMT INFRASTRUCTURE

1. 1.1 km hill track at Dholchera campus.
2. 1.2 km Plane track at Jaffirbond campus.
3. Advanced Simulators for Heavy Duty Vehicles.
4. Simulator for Light Duty vehicle.
5. Dedicated all types "DUAL-CONTROLLED" training vehicles.
6. Audio Visual well furnished Classroom
7. Lodging & Canteen facility





FAQ

1. Will NIAIMT provide the driving License?

- NO. NIAIMT will provide Training completion certificate upon successful completion of a particular course. Issuing Driving License is the authority of the 'Licensing authorities' like DTO (District Transport Authority).

2. Is Fooding charges including in Accommodation charges?

-NO. There will be canteen facility on pay basis.

3. What is the selection procedure for admission to a particular course?

-Admission to a particular course will be as first-come-first-serve basis upon fulfilling min. criteria for the particular course.

4. Where is the training calendar?

- Training calendar will be displayed at NATRI-P/ NIAIMT website. Anybody can call us for more details.

5. How to Apply?

- Please contact NIAIMT, HDTI section. Contact detail is given below.

CONTACT

NATRI-P, Jaffirbond

PO: Udharbond, Near Silchar, Dist.: Cachar (Assam), PIN: 788030

Phone : 03841-280036/280900, Fax: 03841-280036, Website:www.natrip.in, Email: silchar@natrip.in