

# SOC 6.0 - Categories

# Sahyadri Offroad Challenge 6.0

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## Competition Categories



### [As Per Maharashtra Offroad Unification 2026 - Ver2026.03]

This year, while many of our traditional competition categories continue as before, a few important changes have been introduced to accommodate the evolving off-road community and the growing diversity of vehicles participating in the event. Participants are requested to refer to the individual category sheets for detailed technical specifications and eligibility requirements.

**SUV Categories:** With the rapidly growing number of enthusiasts participating in the SUV segment, the SUV classes have been completely restructured this year to ensure an adrenaline filled and yet fair competition and clearer vehicle classification. The SUV categories for this year are as follows:

- **STOCK THAR:** Stock Thar 2020, CRDe & similar (matching wheelbase) stock SUVs excluding Jimny and Long Wheel Base SUVs.
- **STOCK JIMNY:** A dedicated category for stock Jimny and other Petrol SUVs like first edition Vitara (excluding Thar Petrol)
- **STOCK LWB:** Stock Trucks and Long Wheelbase SUVs like ROXX, Hilux, Fortuner, Wrangler, Isuzu, etc.
- **PRO SUV:** An open category for all modified SUVs. Read Maximum adrenaline guaranteed.

As in previous years, the following competition categories remain:

- **Expert Petrol**
- **Expert Diesel**
- **Modified Petrol**
- **Modified Diesel**
- **Extreme**

**Ladies Category:** Continuing our commitment to inclusivity in motorsport, we have a dedicated category for women drivers.

# SOC 6.0 - SUV Categories

# SUV Categories

## SUV Categories

- This class caters to all modern production SUVs including the ones that were in production in the recent past.
- The SUV class is further classified into following categories
  - SUV - THAR STOCK
  - SUV - JIMNY STOCK
  - SUV - LWB STOCK
  - PRO SUV

## SUV - THAR STOCK Category

- Who Can Participate: Thar 2020, Thar CRDe, Gurkha, and similar SUVs with OEM/AT tyres. Stock SUVs with longer wheelbase (ROXX, etc.) can also choose to participate in this category.

## SUV - JIMNY STOCK Category

- Who Can Participate: Jimny, 1-gen Vitara and similar stock SUVs with OEM/AT tyres.

## SUV - LWB STOCK Category

- Who Can Participate: Long wheelbase stock SUVs like Roxx, Hilux, Fortuner, Pajero, Wrangler, Isuzu, etc with AT/OEM tyres. This category could be merged with the above categories if the number of entries are less.

## PRO SUV Category

- This includes all SUVs with MT tyres and other major off road modifications like suspension lifts, etc.

## Note

- For all STOCK Categories:
  - Suspension must be OEM.
  - Upsizing tyres by just one level up is allowed.
  - Engine performance upgrades are allowed.
- Individual categories may be clubbed together if the number of vehicles in each category are less than 6.
- Non self retracting seat belts are recommended in this category as retracting ones may get locked at certain angles.

## All Stock SUVs

<b>Engine</b>	OEM
<b>Turbo Modification</b>	Not Allowed
<b>Performance Upgrades Modified Exhausts &amp; Headers</b>	Allowed, ECU/ECM Remapping, Engine Tuning Allowed
<b>Off Road Protection Upgrades</b>	Allowed & Recommended
<b>Tyre Type &amp; Size</b>	AT or OEM Tyres. MT/XT Not Allowed. Maximum 15mm difference w.r.t OEM Allowed.
<b>Fender/Bumper Removal</b>	Allowed
<b>Body Modifications Overhang Cutting Wheelbase Reduction Differential Upgrades</b>	<b>Not Allowed</b>
<b>Suspension Upgrades</b>	Lift Kits Not Allowed. Suspension should be OEM or Equivalent. Maximum 15mm difference w.r.t OEM Allowed.
<b>Negative Offset Rims / Spacers / Air Intake Snorkel</b>	Optional & Allowed
<b>Lockers</b>	Only OEM
<b>Cutting Brakes Four Wheel Steering</b>	<b>Not Allowed</b>
<b>Roll Cage</b>	Not Mandatory - But Allowed & Recommended
<b>Overhead Roof Plate</b>	Not Mandatory - But Strongly Recommended for Soft Tops. 2MM Metal / 3MM Aluminium
<b>Seat Belts / Safety Harness</b>	OEM/After Market - Minimum 3 Point with Proper Latch
<b>Doors</b>	OEM Doors Mandatory
<b>Winch</b>	Optional. Not Mandatory. Only for self recovery.

- Suspension component changes are permitted; however, the overall setup must remain equivalent to OEM specifications. A maximum suspension height increase of up to 15 mm above OEM height will be tolerated.

- Tyres must be OEM, All-Terrain (AT), or equivalent specification. Extreme Terrain (XT) and Mud Terrain (MT) tyre upgrades are not permitted in this category. Tyre upsizing is allowed only to the next available tyre size. Overall tyre height must not exceed 15 mm above OEM tyre height.

- The 15 mm tolerance has been provided to account for differences in tyre brands, manufacturing variations, and suspension component specifications. Any attempt to gain an undue advantage by exploiting these tolerances will not be permitted. Lift kits resulting in a height increase of 1 inch or more won't be allowed in the stock category. They may participate in the SUV Modified category instead.

## PRO SUV / Modified SUV Category

<b>Engine</b>	OEM
<b>Turbo Modification</b>	Allowed
<b>Performance Upgrades</b>	ECU/ECM Remapping, Engine Tuning Allowed
<b>Modified Exhausts &amp; Headers</b>	Allowed
<b>Off Road Protection Upgrades</b>	Allowed & Recommended
<b>Tyre Upgrades</b>	Allowed
<b>Fender/Bumper Removal</b>	Allowed & Recommended
<b>Body Modifications</b>	Body Modifications Allowed
<b>Suspension Upgrades</b>	Allowed
<b>Negative Offset Rims / Spacers</b>	Allowed
<b>Overhang Cutting Wheelbase Reduction Differential Upgrades</b>	<b>Not Allowed</b>
<b>Air Intake Snorkel</b>	Strongly Recommended
<b>Lockers</b>	OEM/After Market Allowed
<b>Cutting Brakes Four Wheel Steering</b>	<b>Not Allowed</b>
<b>Roll Cage</b>	Not Mandatory - But Allowed / Recommended
<b>Overhead Roof Plate</b>	2MM Metal / 3MM Aluminium Mandatory for Soft Tops Not Mandatory for Hardtop Vehicles
<b>Seat Belts / Safety Harness</b>	OEM/After Market - Minimum 3 Point with Proper Latch
<b>Doors</b>	OEM OR Minimum half size heavy duty doors with proper latching mechanism
<b>Winch</b>	Optional. Not Mandatory. Only for self recovery.

# SOC 6.0 - Expert Categories

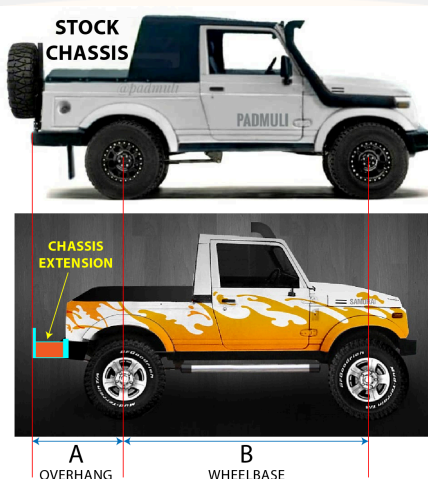
## EXPERT CATEGORIES PETROL & DIESEL

### Expert Category

- This category emphasizes drivers skill over vehicle modifications. Competitors are expected to tackle challenges without relying on offroad aids such as Differential Lockers, Cutting/Fiddle Brakes and Rear Wheel Steering.
- Expert Petrol majorly comprises of Gypsy's where as Expert Diesel covers a wide range of Mahindra Jeeps from short-wheelbase Willys and CJ3Bs to long-wheelbase CJ500s, Majors all the way to MM550s, and Thar DIs.
- SUVs like Jimny, Thar CRDe, Gurkha, etc. are not allowed in the expert category considering OEM lockers and engine power.
- Winches are optional for the stock category and can only be used for self-recovery. Winching will not be allowed to complete a track challenge. Winching won't be permitted to tackle obstacles unless specifically mentioned and allowed.

### Note

- Participants with a completely modified category vehicle will not be allowed to participate in the expert category even if they chose to disable cutting brakes and lockers.
- However if a vehicle falls in the expert category but has just one modification that pushes it into the modified category - may still choose to participate in the expert category only after approval from the CC. Based on the nature of the modification, the CC will levy an appropriate penalty on the participant either in terms of track time or overall points. The same will be informed in advance.
- Individual categories may be clubbed together if the number of vehicles in each category are less than 6.
- Gypsy's that have rear overhang cut can install an overhang extension to match OEM length and participate.



## EXPERT PETROL

<b>Engine</b>	OEM Petrol Engines up to 1.3L Non-Turbo Allowed
<b>Performance Upgrades</b>	Tuning, Chips, Pump Tuning, Nozzle Upgrades, Gear/Axle Ratio Changes, ECU/ECM Remapping Allowed
<b>Modified Exhausts &amp; Headers</b>	Allowed
<b>Off Road Protection Upgrades</b>	Allowed & Recommended
<b>Tyre Size</b>	Maximum 32" when measured on a properly inflated tyre
<b>Fender Modifications for oversize tyres</b>	Allowed
<b>Suspension Upgrades (Shock absorbers, Shackle Lifts, Body Bush, SpOA Lifts)</b>	Allowed
<b>Negative Offset Rims / Spacers</b>	Allowed
<b>Overhang Cutting</b>	<b>Not Allowed. Rear overhang-cut Gypsies can participate by installing an additional overhang matching OEM length.</b>
<b>Reverse Shackles Coil Spring Suspension Four Link Suspension Lockers (Front &amp; Rear) Cutting Brakes Four Wheel Steering Wheelbase Reduction</b>	<b>Not Allowed</b>
<b>Differentials</b>	Only OEM
<b>Air Intake Snorkel</b>	Optional but Recommended
<b>Power Steering Upgrade</b>	Hydraulic PS Allowed
<b>Roll Cage</b>	<b>Minimum 4 Point Mandatory</b>
<b>Overhead Roof Plate</b>	<b>2MM Metal / 3MM Aluminium Mandatory</b>
<b>Seat Belts / Safety Harness</b>	<b>Minimum 3 Point with proper latch</b>
<b>Doors</b>	<b>Minimum half size heavy duty doors with proper latch Single Pipe / Makeshifts doors will not be allowed</b>
<b>Winch</b>	Optional. Only for self recovery. Not for track challenge.

## EXPERT DIESEL

<b>Engine</b>	DI Turbo, M2DI, MDI TC, similar Allowed SZ, CRDe and other 100hp+ Engines Not Allowed SUV's (Thar CRDe, Gurkha, Jimny, etc) Not Allowed
<b>Performance Upgrades</b>	Tuning, Chips, Turbo, Pump Tuning, Nozzle Upgrades, Gear/Axle Ratio Changes, ECU/ECM Remapping Allowed
<b>Modified Exhausts &amp; Headers</b>	Allowed
<b>Off Road Protection Upgrades</b>	Allowed & Recommended
<b>Tyre Size</b>	Maximum 32" when measured on a properly inflated tyre
<b>Fender Modifications for oversize tyres</b>	Allowed
<b>Suspension Upgrades (Shock absorbers, Shackle Lifts, Body Bush, SpOA Lifts)</b>	Allowed
<b>Negative Offset Rims / Spacers</b>	Allowed
<b>Overhang Cutting</b>	Allowed
<b>Wheelbase</b>	Minimum 81"
<b>Differential Upgrades</b>	Differential swap Allowed (Portal Axles Not Allowed)
<b>Air Intake Snorkel</b>	Optional but Recommended
<b>Reverse Shackles Coil Spring Suspension Four Link Suspension Lockers (Front &amp; Rear) Cutting Brakes Four Wheel Steering</b>	<b>Not Allowed</b>
<b>Power Steering Upgrade</b>	Hydraulic PS Allowed
<b>Roll Cage</b>	<b>Minimum 4 Point Mandatory</b>
<b>Overhead Roof Plate</b>	<b>2MM Metal / 3MM Aluminium Mandatory</b>
<b>Seat Belts / Safety Harness</b>	<b>Minimum 3 Point with proper latch</b>
<b>Doors</b>	<b>Minimum half size heavy duty doors with proper latch Single Pipe / Makeshifts doors will not be allowed</b>
<b>Winch</b>	Optional. Only for self recovery. Not for track challenge.

# SOC 6.0 - Modified Categories

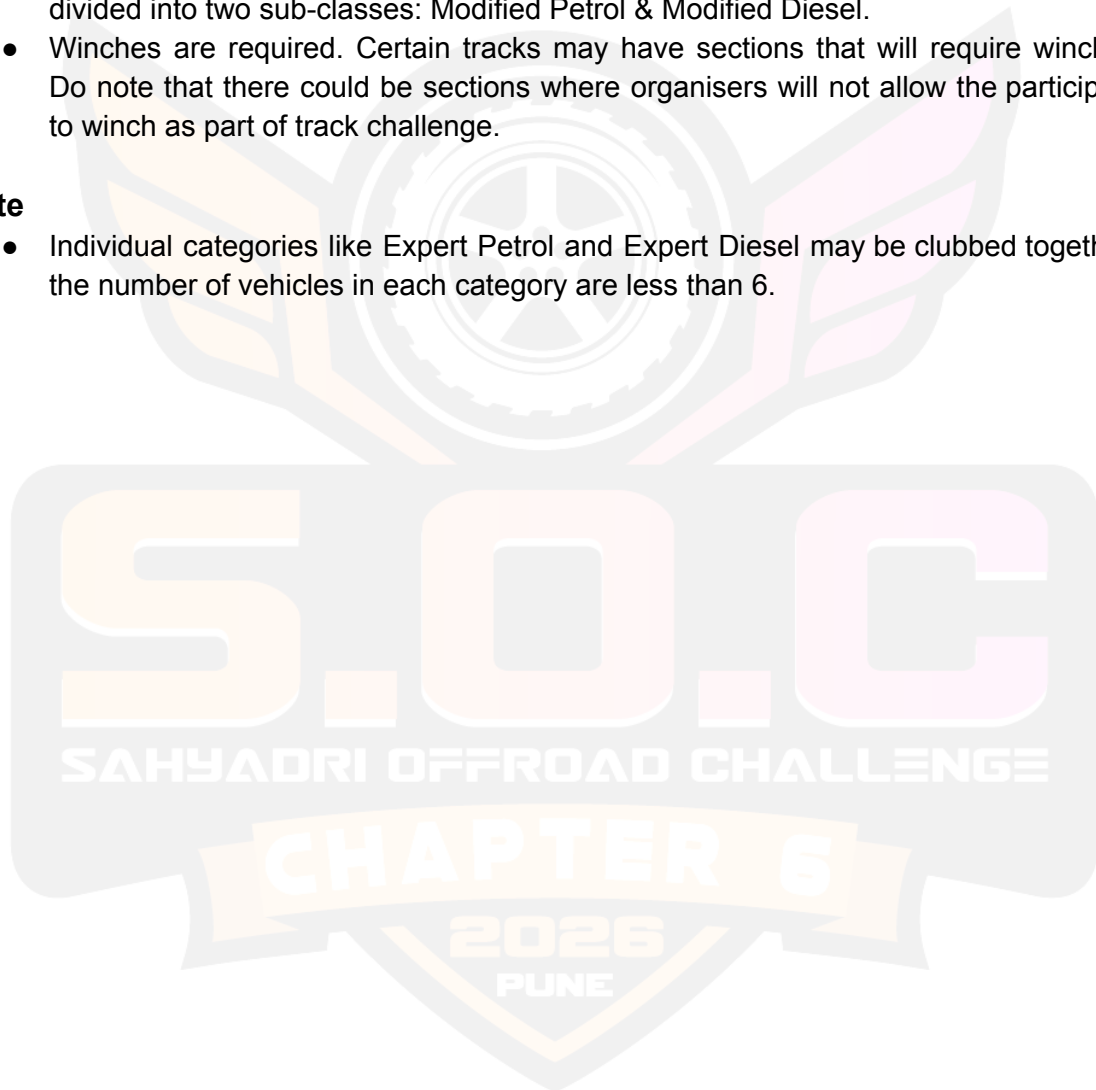
## MODIFIED CATEGORIES PETROL & DIESEL

### Modified Category

- This category tests both the machine and the driver. It permits the use of advanced off-road components, including Differential Lockers, Cutting/Fiddle Brakes, Suspension upgrades, High-performance engines and other upgrades.
- Highlights of this category are Precision, Speed, and Articulation. The category is divided into two sub-classes: Modified Petrol & Modified Diesel.
- Winches are required. Certain tracks may have sections that will require winching. Do note that there could be sections where organisers will not allow the participants to winch as part of track challenge.

### Note

- Individual categories like Expert Petrol and Expert Diesel may be clubbed together if the number of vehicles in each category are less than 6.



## MODIFIED PETROL

<b>Engine</b>	Petrol Engines up to 2L and 4 cylinders Allowed
<b>Turbo Modification</b>	Allowed
<b>Performance Upgrades</b>	Tuning, Chips, Pump Tuning, Nozzle Upgrades, Gear/Axle Ratio Changes, ECU/ECM Remapping Allowed
<b>Modified Exhausts &amp; Headers</b>	Allowed
<b>Off Road Protection Upgrades</b>	Allowed & Recommended
<b>Tyre Size</b>	Maximum 35" when measured on a properly inflated tyre
<b>Fender Modifications for oversize tyres</b>	Allowed
<b>Suspension Upgrades (Shock absorbers, Shackle Lifts, Body Bush, SpOA Lifts)</b>	Allowed
<b>Negative Offset Rims / Spacers</b>	Allowed
<b>Overhang Cutting</b>	Allowed
<b>Reverse Shackles</b>	Allowed
<b>Wheelbase Reduction</b>	Allowed
<b>Differential Upgrades</b>	Allowed
<b>Air Intake Snorkel</b>	Allowed & Recommended
<b>Coil Spring / Four Link Suspension</b>	Allowed
<b>Lockers (Front &amp; Rear)</b>	Allowed
<b>Cutting Brakes</b>	Allowed
<b>Power Steering Upgrade</b>	Allowed (Hydraulic / Orbital)
<b>Four Wheel Steering</b>	<b>Not Allowed</b>
<b>Roll Cage</b>	<b>Minimum 6 Point Mandatory</b>
<b>Overhead Roof Plate</b>	<b>2MM Metal / 3MM Aluminium Mandatory</b>
<b>Seat Belts / Safety Harness</b>	<b>Minimum 4 Point with proper latch</b>
<b>Doors</b>	<b>Minimum half size heavy duty doors with proper latch Single Pipe / Makeshifts doors will not be allowed</b>
<b>Winch</b>	<b>Required</b>

## MODIFIED DIESEL

<b>Engine</b>	Diesel Engines up to 3L Allowed
<b>Turbo Modification</b>	Allowed
<b>Performance Upgrades</b>	Tuning, Chips, Pump Tuning, Nozzle Upgrades, Gear/Axle Ratio Changes, ECU/ECM Remapping Allowed
<b>Modified Exhausts &amp; Headers</b>	Allowed
<b>Off Road Protection Upgrades</b>	Allowed & Recommended
<b>Tyre Size</b>	Maximum 35" when measured on a properly inflated tyre
<b>Fender Modifications for oversize tyres</b>	Allowed
<b>Suspension Upgrades (Shock absorbers, Shackle Lifts, Body Bush, SpOA Lifts)</b>	Allowed
<b>Negative Offset Rims / Spacers</b>	Allowed
<b>Overhang Cutting</b>	Allowed
<b>Reverse Shackles</b>	Allowed
<b>Wheelbase Reduction</b>	Allowed
<b>Differential Upgrades</b>	Allowed
<b>Air Intake Snorkel</b>	Allowed & Recommended
<b>Coil Spring / Four Link Suspension</b>	Allowed
<b>Lockers (Front &amp; Rear)</b>	Allowed
<b>Cutting Brakes</b>	Allowed
<b>Power Steering Upgrade</b>	Allowed (Hydraulic / Orbital)
<b>Four Wheel Steering</b>	<b>Not Allowed</b>
<b>Roll Cage</b>	<b>Minimum 6 Point Mandatory</b>
<b>Overhead Roof Plate</b>	<b>2MM Metal / 3MM Aluminium Mandatory</b>
<b>Seat Belts / Safety Harness</b>	<b>Minimum 4 Point with proper latch</b>
<b>Doors</b>	<b>Minimum half size heavy duty doors with proper latch Single Pipe / Makeshifts doors will not be allowed</b>
<b>Winch</b>	<b>Required</b>

# SOC 6.0 - Extreme Class

## EXTREME CATEGORY

### Extreme Category

- Reserved for highly modified 4x4 builds, this class has minimal restrictions on vehicle configuration. Track Design & Challenges are tailored for extreme offroading, including steep inclines, declines, water wading, and severe terrain. Winching is critical and frequently required for stage completion. The role of the co-driver is crucial, demanding strength, agility, and quick decision-making.
- ATVs are not allowed.

## EXTREME

<b>Engine</b>	All Engines Up To 4L Allowed
<b>Turbo Modification Modified Exhausts &amp; Headers Performance Upgrades</b>	Allowed
<b>Tyre Size</b>	Maximum 38" when measured on a properly inflated tyre
<b>Fender Modifications</b>	Allowed
<b>Suspension Upgrades Reverse Shackles Multi Link Suspension</b>	Allowed
<b>Wheelbase Reduction Overhang Cutting</b>	Allowed
<b>Differential Upgrades</b>	Differential Swap Allowed / Portal Axles Allowed
<b>Air Intake Snorkel</b>	<b>Mandatory</b>
<b>Lockers (Front &amp; Rear) Cutting Brakes Four Wheel Steering</b>	Allowed
<b>Power Steering Upgrade</b>	Allowed (Hydraulic / Orbital)
<b>Roll Cage</b>	<b>Minimum 6 Point Mandatory</b>
<b>Overhead Roof Plate</b>	<b>2MM Metal / 3MM Aluminium Mandatory</b>
<b>Seat Belts / Safety Harness</b>	<b>Minimum 4 Point with proper latch</b>
<b>Doors</b>	<b>Minimum half size heavy duty doors with proper latch Single Pipe / Makeshifts doors will not be allowed</b>
<b>Winch</b>	<b>Mandatory</b>

Note: Vehicles in this category may be sub-divided into Individual categories based on fuel and CC if the number of entries are more than 6 in each category.

# SOC 6.0 - Ladies Class

## LADIES CLASS

### Ladies Category

- This class aims to encourage and empower women offroaders.
- The gender restriction is only for the driver. Participants can have a male co-drivers.
- To ensure a fair competition, all the ladies participants will be given the same track challenges irrespective of their vehicle category.
- However, given the wide range of vehicles that may participate in this category, the CC reserves the right to introduce appropriate adjustments (time penalty, point penalty, bonus time) to compensate for modifications and ensure a fair playing field. Participants will be informed in advance of any such amends.
- Vehicle capabilities in this category may vary significantly. These may be sub-categorized based on standard categories if the number of participants are more.
- Ladies participants can choose to participate in standard classes against male competitors as per their vehicle categories if they will. However they must inform the organisers in advance. In this case all rules applicable to those categories will be applicable.

### Note:

- Based on the nature of challenge and the track design, maximum permissible time for a track may be extended for this category. This will be informed in advance for each track.
- Participants will be informed in advance of any such modifications or regroupings.

**S.O.C**  
SAHYADRI OFFROAD CHALLENGE

**CHAPTER 6**

**2026**  
PUNE