

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### TED 16 : Bicycles

**Scope:** a) Formulation of standards for bicycles including electric bicycles, bicycle parts and accessories, glossary of terms, etc. b) Co-ordination of work with ISO/ TC 149 and its relevant subcommittee ISO/ TC 149/ SC 1, c) Co-ordination of work with ISO/TC 31 and its relevant sub-committee ISO/ TC 31/ SC 10.

**Liaison:** **ISO TC-149 (P): Cycles** **ISO TC-149 SC-1 (P): Cycles and major sub-assemblies** **ISO TC-31 SC-10 (P): Cycle, moped, motorcycle tyres and rims** **ISO TC-31 (P): Tyre, Rims and Valves**

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10613:2023	CYCLES SAFETY AND PERFORMANCE REQUIREMENTS FOR BICYCLES		-	Indigenous
2	IS 10613:2014 <i>Reviewed In : 2019</i>	Cycles - Safety requirements for bicycles (Second Revision)	September, 2019	-	Indigenous
3	IS 1131:2006 <i>Reviewed In : 2021</i>	Bicycle bottom bracket specification (Third Revision)	March, 2021	1	Indigenous
4	IS 1132:2009 <i>Reviewed In : 2023</i>	Bicycle - Bottom bracket ball cups - Specification (Third Revision)	November, 2023	1	Indigenous
5	IS 1134:2004 <i>Reviewed In : 2021</i>	Bicycles bottom bracket lock ring - Specification (Third Revision)	March, 2021	1	Indigenous
6	IS 12426:1988 <i>Reviewed In : 2024</i>	Code of practice - For wrapping and packing of bicycle components and spare parts	January, 2024	-	Indigenous
7	IS 12474:1988 <i>Reviewed In : 2024</i> Decision taken to Reaffirm and Archive	Bicycle Steering Head Assembly (r Type)	January, 2024	1	Indigenous
8	IS 1281:2014 <i>Reviewed In : 2023</i>	Bicycles - Cranks and chain wheels - Specification (Third Revision)	November, 2023	-	Indigenous
9	IS 1281:2025	BICYCLES - CRANKS AND CHAIN WHEELS- SPECIFICATION (fourth revision)		-	Indigenous
10	IS 1282:2018 <i>Reviewed In : 2023</i>	Bicycle - Bicycle cotter pins, washers and nuts - Specification (Second Revision)	July, 2023	-	Indigenous
11	IS 1283:1995 <i>Reviewed In : 2021</i>	Bicycles - Free - Wheels - Specification (Second Revision)	March, 2021	1	Indigenous
12	IS 14221 (Part 1):2015 <i>Reviewed In : 2020</i>	Retro-Reflective Tapes - Specification Part 1 Bicycles ( First Revision )	August, 2020	-	Indigenous

13	IS 14363:2018 ISO 11243 : 2016 Reviewed In : 2023 ISO 11243:2016	Cycles - Luggage carriers for bicycles - Requirements and test methods (Second Revision)	July, 2023	-	Identical under dual numbering
14	IS 15184:2002 Reviewed In : 2021	Bicycles - Steel balls - Specification	March, 2021	-	Indigenous
15	IS 15533:2024 ISO 8098:2023 ISO 8098:2023	Cycles â€™ Safety Requirements for Bicycles for Young Children (Second Revision)		-	Identical under dual numbering
16	IS 16305:2017 Reviewed In : 2022 ISO 8090:1990	Cycle - Glossary of terms used in the bicycle industry	March, 2022	-	Modified/Technically Equivalent
17	IS 16314:2015 Reviewed In : 2020	Cycle - Bicycle for general purpose - Specification	December, 2020	-	Indigenous
18	IS 19034:2024	BMX Bicycles i½ Safety Requirements and Methods of Test		-	Indigenous
19	IS 19307:2025	BICYCLES BRAKES SPECIFICATION		-	Indigenous
20	IS 2061:2025	Bicycle - Front Forks - Specification (SECOND REVISION)		-	Indigenous
21	IS 2061:1995 Reviewed In : 2021	Bicycle - Front forks - Specification (First Revision)	March, 2021	3	Indigenous
22	IS 2414:2005 ISO 5775-1 Reviewed In : 2021 ISO 5775-1:1997	Cycle and rickshaw pneumatic tyres - Specification (Fourth Revision)	March, 2021	-	Modified/Technically Equivalent
23	IS 2415:2025	Cycle - Rubber Tubes (Moulded/ Jointed) - Specification (Fifth Revision)		-	Indigenous
24	IS 2415:2015 Reviewed In : 2021	Cycle - Rubber tubes (Moulded/ Jointed) - Specification (Fourth Revision)	March, 2021	-	Indigenous
25	IS 2973:2017 Reviewed In : 2022	Bicycle Steering Head Assembly - Specification	March, 2022	-	Indigenous
26	IS 532:2006 Reviewed In : 2021	Bicycle tube valves and valve - Tubing - Specification (Third Revision)	March, 2021	-	Indigenous
27	IS 6218:2008 Reviewed In : 2023	Bicycle - Mudguards - Specification (First Revision)	November, 2023	-	Indigenous
28	IS 6218:2025	Bicycle - Mudguard - Specification (second revision)		-	Indigenous
29	IS B6218:2008 Reviewed In : 2023	Bicycle - Mudguards (Bi-lingual)	November, 2023	-	
30	IS 623:2008 Reviewed In : 2023	Bicycle - Bicycle frames - Specification (Third Revision)	November, 2023	2	Indigenous
31	IS 623:2025	BICYCLES - BICYCLE FRAMES - SPECIFICATION (first Revision)		-	Indigenous
32	IS 624:2003 Reviewed In : 2019	Bicycles - Rims - Specification (Fourth Revision)	January, 2019	-	Indigenous
33	IS 624:2025	Bicycle - Bicycle Rims - Specification (fourth revision)		-	Indigenous
34	IS 625:2006 Reviewed In : 2021 ISO 6699:1990	Bicycle - Handle bars - Specification (Third Revision)	March, 2021	-	Modified/Technically Equivalent
35	IS 625:2025	BICYCLES HANDLE BAR -		-	Modified/Technically

	ISO 6699:1990	SPECIFICATION (Fourth Revision)			Equivalent
36	IS 626:2009 Reviewed In : 2024	Bicycle - Seat pillars - Specification (Third Revision)	January, 2024	-	Indigenous
37	IS 628:2025	BICYCLES $\frac{1}{2}$ PEDAL ASSEMBLY $\frac{1}{2}$ SPECIFICATION		-	Indigenous
38	IS 629:2013 Reviewed In : 2023	Bicycle - Hub assembly - Specification (Third Revision)	July, 2023	-	Indigenous
39	IS 630:2005 Reviewed In : 2021 ISO 6701:1991	Bicycle spokes (Plain) and nipples for spokes - Specification (Third Revision)	March, 2021	1	Modified/Technically Equivalent
40	IS/ISO 6742-2:2023 ISO 6742-2 : 2023 ISO 6742-2 : 2023	Cycles - Lighting and Retro-Reflective Devices Part 2 Retro-Reflective Devices		-	Identical under single numbering
41	IS 9225:2018 Reviewed In : 2023	Bicycle - Bicycle air pumps - Specification (First Revision)	July, 2023	-	Indigenous
42	IS 960:2005 Reviewed In : 2021	Bicycle rim tapes and buckles - Specification (Second Revision)	March, 2021	1	Indigenous

Standards under Development

Projects Approved		
SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards		
SI. No.	Doc No.	Title
1	TED 16 (27672)	Bicycles Vertical Fatigue Testing of Suspension Fork Method of test
2	TED 16 (27683)	Bicycles - Bottom Bracket Cartridge - Specification

Drafts Standards in WC Stage		
SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage		
SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
1	TED 16 (23339)	CYCLES ELECTRICALLY POWER ASSISTED CYCLES EPAC PART 1 PEDAL-ASSISTED BICYCLES
2	TED 16 (26096) <span>Revision of: IS 629:2013</span>	Bicycles Hub Assembly Specification Fourth Revision
3	TED 16 (26100) <span>Revision</span>	Cycle and Rickshaw Pneumatic Tyres Specification Fifth Revision

Total Published Standards:32 Total Standards Under development:5

## Aspect Wise Report

Product : 31  
 Code of Practices : 2  
 Methods of Test : 0  
 Terminology : 1  
 Dimensions : 0  
 System Standard : 0  
 Safety Standard : 0  
 Others : 0  
 Service Specification : 0  
 Process Specification : 0  
 Unclassified : 0

## Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 10616:1983 ISO 4210	Methods of tests for bicycles and sub-assemblies
2	IS 1133:1985	Bicycle Bottom Bracket Fixed Ball Cup PH Type
3	IS 11685:1986	Bicycle Bottom Bracket Axle R Type
4	IS 11734:1986	Bicycle Bottom Bracket Adjustable Ball Cup R Type
5	IS 11735:1986	Bicycle Bottom Bracket Fixed Ball Cup R Type
6	IS 11736:1986	Bicycle Bottom Bracket Lock Ring R-Type
7	IS 12205:1988 Reviewed In : 2008	Bicycle Hub Assembly - PH Type
8	IS 2728:1964	Memorandum on Screw Threads for Bicycle Components
9	IS 3404:1979 Reviewed In : 2006	Ladies Bicycle Frames
10	IS 3798:1966	Glossary of terms used in the bicycle industry
11	IS 4916:1968 Reviewed In : 2002	Methods of test for bicycle saddles
12	IS 5079:1969	Rubber Valve-tubing for Cycle Tube Valves
13	IS 627:1961	Bicycle Chains revised
14	IS 7699:1975 Reviewed In : 2006	Reflex Reflectors for Cycles

## Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 10613:2023 IEC 60086-3: 2021	CYCLES SAFETY AND PERFORMANCE REQUIREMENTS FOR BICYCLES
2	IS 1131:2006 Reviewed In : 2021	Bicycle bottom bracket specification Third Revision
		Bicycle - Bottom bracket ball cups - Specification Third Revision

3	IS 1132:2009 Reviewed In : 2023	
4	IS 1134:2004 Reviewed In : 2021	Bicycles bottom bracket lock ring - Specification Third Revision
5	IS 12474:1988 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Bicycle Steering Head Assembly r Type
6	IS 1281:2025	BICYCLES - CRANKS AND CHAIN WHEELS- SPECIFICATION fourth revision
7	IS 1282:2018 Reviewed In : 2023	Bicycle - Bicycle cotter pins washers and nuts - Specification Second Revision
8	IS 1283:1995 Reviewed In : 2021	Bicycles - Free - Wheels - Specification Second Revision
9	IS 14221 (Part 1):2015 Reviewed In : 2020	Retro-Reflective Tapes - Specification Part 1 Bicycles First Revision
10	IS 14363:2018 ISO 11243 : 2016 Reviewed In : 2023 ISO 11243:2016	Cycles - Luggage carriers for bicycles - Requirements and test methods Second Revision
11	IS 15184:2002 Reviewed In : 2021	Bicycles - Steel balls - Specification
12	IS 15533:2024 ISO 8098:2023	Cycles Safety Requirements for Bicycles for Young Children Second Revision
13	IS 16314:2015 Reviewed In : 2020	Cycle - Bicycle for general purpose - Specification
14	IS 19307:2025	BICYCLES BRAKES SPECIFICATION
15	IS 2061:2025	Bicycle - Front Forks - Specification SECOND REVISION
16	IS 2414:2005 ISO 5775-1 Reviewed In : 2021 ISO 5775-1:1997	Cycle and rickshaw pneumatic tyres - Specification Fourth Revision
17	IS 2415:2025	Cycle - Rubber Tubes Moulded Jointed - Specification Fifth Revision
18	IS 2973:2017 Reviewed In : 2022	Bicycle Steering Head Assembly - Specification
19	IS 532:2006 Reviewed In : 2021	Bicycle tube valves and valve - Tubing - Specification Third Revision
20	IS 6218:2025	Bicycle - Mudguard - Specification second revision
21	IS B6218:2008 Reviewed In : 2023	Bicycle - Mudguards Bi-lingual
22	IS 623:2025	BICYCLES - BICYCLE FRAMES - SPECIFICATION first Revision
23	IS 624:2025	Bicycle - Bicycle Rims - Specification fourth revision
24	IS 625:2025	BICYCLES HANDLE BAR - SPECIFICATION Fourth Revision
25	IS 626:2009 Reviewed In : 2024	Bicycle - Seat pillars - Specification Third Revision
26	IS 628:2025	BICYCLES PEDAL ASSEMBLY SPECIFICATION
27	IS 629:2013 Reviewed In : 2023	Bicycle - Hub assembly - Specification Third Revision

28	IS 630:2005 Reviewed In : 2021 ISO 6701:1991	Bicycle spokes Plain and nipples for spokes - Specification Third Revision
29	IS/ISO 6742-2:2023 ISO 6742-2 : 2023	Cycles - Lighting and Retro-Reflective Devices Part 2 Retro-Reflective Devices
30	IS 9225:2018  Reviewed In : 2023	Bicycle - Bicycle air pumps - Specification First Revision
31	IS 960:2005 Reviewed In : 2021	Bicycle rim tapes and buckles - Specification Second Revision