

Summary Report of Two Three Wheeler Maintenance Course Year 2020-21

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Course outline/ Syllabus

SAHAKAR MAHARSHI LATE BHASKARRAO SHINGNE ARTS COLLEGE,
KHAMGAON

Value Added Course Code V33410

Duration-30 hr

Two and Three Wheeler Course

Sr. No	Module	Syllabus
01	1-General Service Information Theory Duration (hh:mm) 02:00 Practical Duration (hh:mm) 02:00	1.1. General introduction of an Automotive Service Technician 1.2. General Service Information 1.3. General Safety 1.4. Handling of 2 wheeler components 1.5. Handling of 3 wheeler components 1.6. Handling of Fuels 1.7. Types of fasteners 1.8. Fire Extinguishers 1.9. Threads and its types 1.10. SS techniques 1.11. Hand tools 1.12. Vehicle identification number, Chassis no. and Engine no
02	2-Engine Theory Duration (hh:mm) 02:00 Practical Duration (hh:mm) 02:00	2.1 4 stroke engine 2.2 2 stroke engine 2.3 Principles of engines 2.4. Compression ratio 2.5. Effect of engine vacuum or manifold vacuum 2.6. Constructional details of Valve mechanism 2.7. Importance of correct valve clearance 2.8. Types of Cylinder Head 2.9. Removing timing chain 2.10. Effects of Carbon deposits in the cylinder heads 2.11. Decarbonizing 2.12. How does a Torque Wrench work?
03	3-Exhaust System Theory Duration (hh:mm) 01:00 Practical Duration (hh:mm) 02:00	3.1. Emissions of exhaust smoke and its effects 3.2. Testing Exhaust Smoke 3.3. Principle of Secondary air injection system 3.4. Silencer cleaning in 2 stroke engine vehicles 3.5. Principle of catalytic converter 3.6 Importance of a Clean Silencer
04	4-Fuel Tank Theory Duration (hh:mm) 01:00 Practical Duration (hh:mm) 02:00	4.1. Fuel tank 4.2. Cleaning a Motorcycle or Small Engine fuel Tank 4.3 Air Filter/Cleaner 4.4 Carburettor and different types of Carburettor 4.5 Importance of Carburetor adjustments 4.6 Adjusting the carburettor while servicing 4.7 Diesel fuel system in 3 wheelers 4.8 Bleeding Off Diesel Fuel Systems 4.9 Changing fuel filter

W. Patil

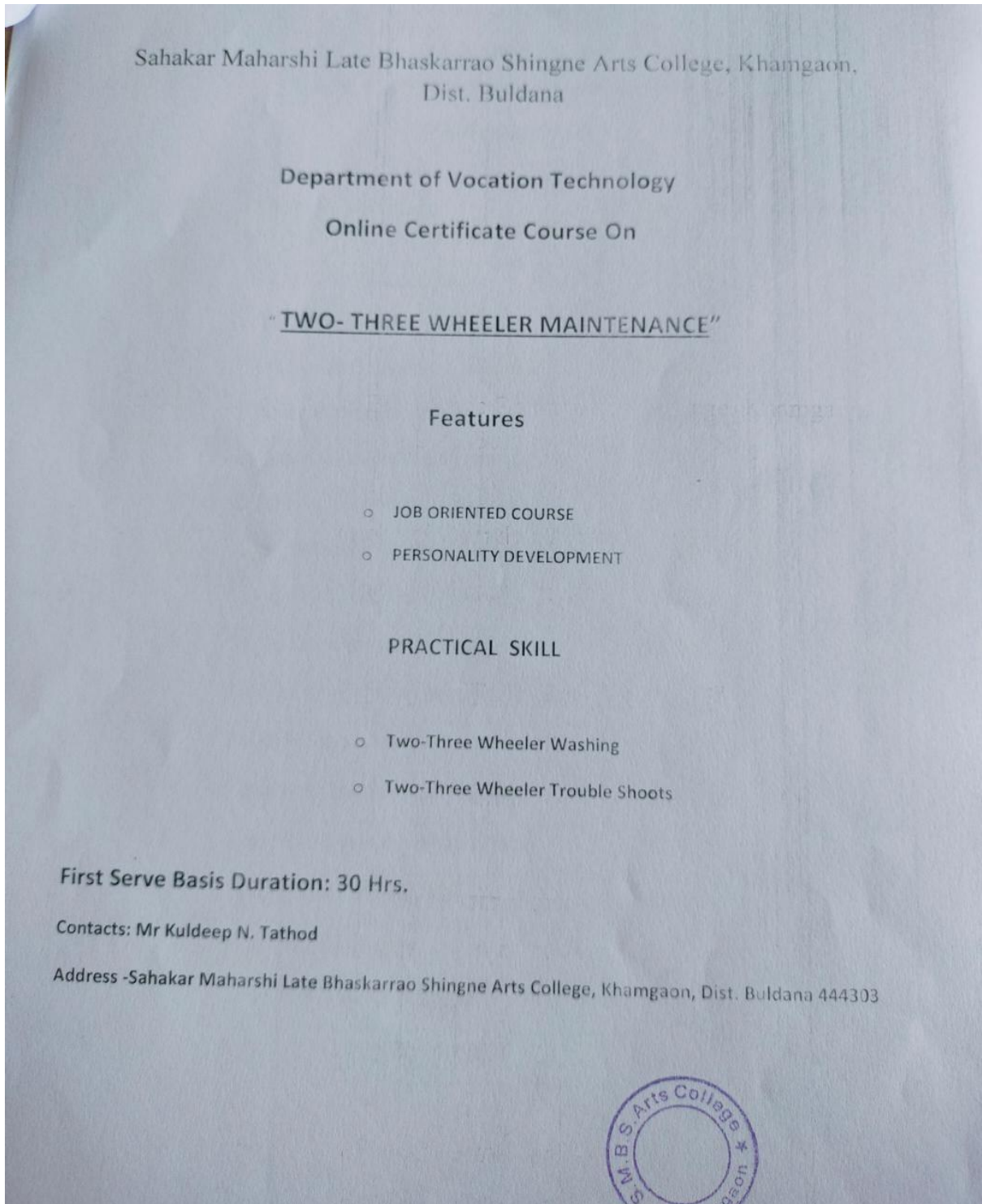


05	5-Lubricating System Theory Duration (hh:mm) 1:00 Practical Duration (hh:mm) 02:00	5.1. Lubrication Types 5.2. Lubrication system 5.3. Functions of lubricating oil in an engine 5.4. Engine oil grade 5.5. Importance of correct quality and quantity of engine oils 5.6. Procedure for checking the engine oil 5.7. Replacing oil and oil filters
06	6-Cooling System Theory Duration (hh:mm) 01:00 Practical Duration (hh:mm) 02:00	6.1. What is a Cooling System? 6.2. Necessity of cooling system 6.3. Components of Cooling System 6.4 Types of cooling systems 6.5 Cooling System Trouble Diagnosis 6.6 Replacing coolant and cleaning radiator 6.7 Adjusting fan belt tension
07	7-Transmission Theory Duration (hh:mm) 01:00 Practical Duration (hh:mm) 02:00	7.1. Different Types of Clutches: 7.2. Chains and Sprockets: 7.3. Removing and assembling chain and sprocket: 7.4. Lubricating a chain: 7.5 Adjusting clutches: 7.6 Troubles and causes for transmission
08	8-Brake System Theory Duration (hh:mm) 01:00 Practical Duration (hh:mm) 02:00	8.1. Types of Motorcycle Brake and their Working Process: 8.2. Brake fluid-types: 8.3. Braking problems, causes and care: 8.4. Dismantling and adjusting the brake assembly: 8.5 Replacing the Brake fluid: 8.6 Bleeding the Hydraulic Brake System
09	9-Steering and Suspension System Theory Duration (hh:mm) 02:00 Practical Duration (hh:mm) 02:00	9.1. Motorcycle Suspension and Steering 9.2. Steering and Control Systems for a Three-Wheeled Vehicle 9.3. Troubleshooting Steering Systems 9.4 Adjusting Steer play 9.5. Motorcycle front fork assembly 9.6. 3 Wheelers Front Fork Assembly 9.7. Types of Shock Absorbers 9.8. Adjusting shock absorbers 9.9. Changing front fork oil

Method



Name of the course and Brochure



Sahakar Maharshi Late Bhaskarrao Shingne Smruti Arogaya & Shikshan Prasarak Mandal, Khamgaon

**Sahakar Maharshi Late Bhaskarrao Shingne Arts College,
Khamgaon, Dist- Buldana (M.S.)**

Affiliated to Sant Gadge Baba Amravati University, Amravati

College Code:-334

12(B) Dated 11 June 2012

2 (f) Dated 20 Oct 2011

Permanent Affiliation – L.NoSGBAU/8/C-300/2012

Dated 22 Feb 2012, NAAC Accredited 'C' grade

Website:-www.smbcoll.com

email: - smbartsoll@rediffmail.com

Mobile No.9552619216

ISO 9001: 2015 Certified

True Copy of the Resolution No. 04 of the College Development Committee meeting
dated 30/09/2021

Subject no. 04: Regarding approval for Add on / certificate course/ Value added courses

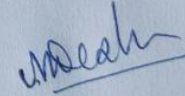
Resolution no.04: The subject of granting permission for the applications received for starting Add on / certificate course/ Value added courses and the attached syllabi was discussed by the members of the committee. The application forms received on 30/09/2021 were discussed in the meeting and the committee unanimously decided to grant approval to the following add on / certificate courses for the benefit of students:

Two and Three Wheelers Maintenance

Resolution passed unanimously.

Proposed by: Dr. P. R. Chavan

Seconded by: Dr. D. U. Raut



Secretary

महाविद्यालय विकास समिती
साहकार महर्षी स्व.भास्करराव शिंगणे
कला महाविद्यालय खामगांव

Names of students enrolled

SAHAKAR MAHARSHI LATE BHASKARRAO SHINGNE ARTS COLLEGE,
KHAMGAON

Value Added Course

Two and Three Wheeler Servicing Course

Participant List

Sr.No	Name of Student	Class	Signature
1	Roshan Milind shegokar	B.A II	R.M.Shegokar
2	Sachin Kailas Lathad	B.A II	S.K. Lathad
3	Sachin Wasudev Gaikwad	B.A II	Sachin
4	Sangharsha Ramdas wakode	B.A II	Sangharsha
5	Satish Ravindra Ingle	B.A II	Satish Ingle
6	Sham Chandrabhan Khodake	B.A II	Sham
7	Shankar Tulshiram Zatale	B.A II	Shankar
8	Shekhaider Shekhmuzzafar	B.A II	Shekhaider
9	Shital Prakash Wankhade	B.A II	S.P. Wankhade
10	Shivlal Ashiram Wankhade	B.A II	S. Wankhade
11	Sidhleshwar Parmeshwar Fukat	B.A II	Sidhleshwar
12	Sudesh Sugdeo Bhojane	B.A II	Sudesh
13	Sukeshni Satyawar Gawai	B.A II	S. S. Gawai
14	Sumed Sahebrao Wankhade	B.A II	S.S. Wankhade
15	Suraj Sunil Warudkar	B.A II	S.S. Warudkar
16	Tejas Sunil Ingle	B.A II	Tejas
17	Urmila Premlal Mohite	B.A II	Urmila
18	Vaibhav Santosh Tongale	B.A II	Vaibhav

Wankhade



19	Vaishnavi Pramod Dandage	B.A II	<i>V.P. Dandage</i>
20	Vijay Rameshwar Nimkarde	B.A II	<i>V.S. Jadhao</i>
21	Vishwajit Sudhakar Jadhao	B.A II	<i>Vishwajit</i>
22	Vishwesh Rameshvar Rom	B.A II	<i>Vishwesh</i>
23	Pallavi Klyansing Ingle	B.A II	<i>Pallavi</i>
24	Pallavi Keshav Kalane	B.A II	<i>Pallavi</i>
25	Payal Chandrashekhar Helode	B.A II	<i>Payal</i>
26	Puja Shatrughan Bodade	B.A II	<i>Puja</i>
27	Mahadev shrihari Lande	B.A II	<i>M.S. Lande</i>
28	Nilesh Ramdas Jadhao	B.A II	<i>Nilesh</i>
29	Nitin panjabrao Jadhav	B.A II	<i>Nitin</i>
30	Nitin Prallhad Kshirsagar	B.A II	<i>Nitin</i>



Attendance sheets

Sahakar Maharshi Late Bhaskarrao Shingne Art College, Khamgaon
Value Added Certificate Course – Two-Three Wheeler Maintenance Course V33410
Attendance Sheet

Sr. No.	Name of Students	25/09/2021	26/09/2021	28/09/2021	29/09/2021	30/09/2021	01/10/21	04/10/21	05/10/21	06/10/21	07/10/21	08/10/21	11/10/21	12/10/21	13/10/21	14/10/21	16/10/21	18/10/21	20/10/21	21/10/21	22/10/21	25/10/21	26/10/21	27/10/21	28/10/21	29/10/21	31/10/21	01/11/21	03/11/21	06/11/21	08/11/21
1.	Roshan Milind shegokar	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2.	Sachin Kailas Lathad	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
3.	Sachin Wasudev Gaikwad	A	P	P	P	A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4.	Sangharsha Ramdas wakode	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
5.	Satish Ravindra Ingle	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
6.	Sham C. Khodake	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	
7.	Shankar Tulshiram Zatale	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
8.	Shekhhaider Shekhmuzzafar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
9.	Shital Prakash Wankhade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10.	Shivlal Ashiram Wankhade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11.	Sidhbheshwar P. Fukat	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
12.	Sudesh Sugdeo Bhojane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
13.	Sukeshni Satyawan Gawai	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

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14.	Sumed Sahebrao Wankhade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	Suraj Sunil Warudkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16.	Tejas Sunil Ingle	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	Urmila Premal Mohite	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	Vaibhav Santosh Tongale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	Vaishnavi Pramod Dandage	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	Vijay Rameshwar Nimkarde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	Vishwajit Sudhakar Jadhao	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	Vishwesh Rameshwar Rom	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	Pallavi Klyansing Ingle	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24.	Pallavi Keshav Kalane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25.	Payal C. Helode	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26.	Puja Shatrughan Bodade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27.	Mahadev shrihari Lande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28.	Nilesh Ramdas Jadhao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29.	Nitin panjabrao Jadhav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30.	Nitin Prallhad Kshirsagar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Coordinator *[Signature]* Principal

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Certificate



Any Other Relevant Documents

SAHAKAR MAHARSHI LATE BHASKARRAO SHINGNE ARTS COLLEGE,
KHAMGAON

Value Added Course

Two and Three Wheeler Servicing Course

Result

Sr.No	Name of Student	Class	Marks	Grade	Result
1	Roshan Milind shegokar	B.A II	32	A	PASS
2	Sachin Kailas Lathad	B.A II	34	A	PASS
3	Sachin Wasudev Gaikwad	B.A II	32	A	PASS
4	Sangharsha Ramdas wakode	B.A II	28	A	PASS
5	Satish Ravindra Ingle	B.A II	26	A	PASS
6	Sham C. Khodake	B.A II	36	A	PASS
7	Shankar Tulshiram Zatale	B.A II	35	A	PASS
8	Shekhhaider Shekhmuzzafar	B.A II	38	A	PASS
9	Shital Prakash Wankhade	B.A II	22	B	PASS
10	Shivlal Ashiram Wankhade	B.A II	18	B	PASS
11	Sidhleshwar P. Fukat	B.A II	20	B	PASS
12	Sudesh Sugdeo Bhojane	B.A II	35	A	PASS
13	Sukeshni Satyawani Gawai	B.A II	36	A	PASS
14	Sumed Sahebrao Wankhade	B.A II	20	B	PASS
15	Suraj Sunil Warudkar	B.A II	20	B	PASS
16	Tejas Sunil Ingle	B.A II	28	A	PASS
17	Urmila Premlal Mohite	B.A II	32	A	PASS
18	Vaibhav Santosh Tongale	B.A II	34	A	PASS

Laithad



19	Vaishnavi Pramod Dandage	B.A II	34	A	PASS
20	Vijay Rameshwar Nimkarde	B.A II	35	A	PASS
21	Vishwajit Sudhakar Jadhao	B.A II	36	A	PASS
22	Vishwesh Rameshvar Rom	B.A II	34	A	PASS
23	Pallavi Klyansing Ingle	B.A II	36	A	PASS
24	Pallavi Keshav Kalane	B.A II	38	A	PASS
25	Payal C. Helode	B.A II	22	B	PASS
26	Puja Shatrughan Bodade	B.A II	28	A	PASS
27	Mahadev shrihari Lande	B.A II	28	A	PASS
28	Nilesh Ramdas Jadhao	B.A II	30	A	PASS
29	Nitin panjabrao Jadhav	B.A II	32	A	PASS
30	Nitin Prallhad Kshirsagar	B.A II	34	A	PASS

Leutathod



Two and Three Wheeler

35 A

SAHAKAR MAHARSHI LATE BHASKARRAO SHINGNE COLLEGE KHAMGAON BACHELOR OF VOCATIONAL TECHNOLOGY						
Name of Candidate: <u>Vijay Nimbkarde</u>		Sub: <u>Basics of Automobile-I</u>		Roll No:	Marks obtained : Total questions: 30	
Sr No	Question Text	Choice A	Choice B	Choice C	Choice D	ANSWER
1	automobile is a vehicle	Self propelled	self value	selfish	seldome	D
2	..... Is a birthplace of auto	America	Mexico	India	Germany	C
3	First auto introduce in India in	1899	1898	1897	1890	D
4	The first road vehicle is built by	Nicholugus Cugnot	Nicholl Cugnot	Nicholas Cugnot	Nimbell Cugnot	B
5	...patented ICE	Benz	Gottlieb Diamler	TATA	Ford	D
6	In year.....first auto built	1767	1768	1770	1769	B
7	From following which is not a Hatchback car	Swift	Innova	Ertiga	Swift Dezire	D
8	From following which is not a sedan car	Honda City	Duster	Honda Amazes	Skoda Octivia	A
9	..... fitted ICE on a tricycle	Carl Benz	Mahindra	Ford	Ashok Leyland	B
10	.....fitted ICE at front of chassis	Charles	Elwood	Bajaj	Panhard	C
11	First auto factory setup in which two cities of India	Bombay-Pune	Bombay-Culcatta	Bombay-Delhi	Bombay-Banglore	D
12	The car which having two doors and one row for seating such car is	Sedan	Hatchback	Coupe	Limo	A
13	...send proposal for built auto factory in India	Ratan Tata	Vishveshwaraya	Bajaj	Ashok Leyland	B
14	In which year India was an importer	1947	1948	1946	1949	A

Two and Three Wheeler

26/40 A

SAHAKAR MAHARSHI LATE BHASKARRAO SHINGNE COLLEGE KHAMGAON BACHELOR OF VOCATIONAL TECHNOLOGY						
Name of Candidate: <u>Satish Ravindra Ingle</u>		Sub: <u>Basics of Automobile-I</u>		Roll No:	Marks obtained : Total questions: 30	
Sr No	Question Text	Choice A	Choice B	Choice C	Choice D	ANSWER
1	automobile is a vehicle	Self propelled	self value	selfish	seldome	A
2	..... Is a birthplace of auto	America	Mexico	India	Germany	C
3	First auto introduce in India in	1899	1898	1897	1890	B
4	The first road vehicle is built by	Nicholugus Cugnot	Nicholl Cugnot	Nicholas Cugnot	Nimbell Cugnot	A
5	...patented ICE	Benz	Gottlieb Diamler	TATA	Ford	B
6	In year.....first auto built	1767	1768	1770	1769	C
7	From following which is not a Hatchback car	Swift	Innova	Ertiga	Swift Dezire	A
8	From following which is not a sedan car	Honda City	Duster	Honda Amazes	Skoda Octivia	A
9	..... fitted ICE on a tricycle	Carl Benz	Mahindra	Ford	Ashok Leyland	C
10	.....fitted ICE at front of chassis	Charles	Elwood	Bajaj	Panhard	B
11	First auto factory setup in which two cities of India	Bombay-Pune	Bombay-Culcatta	Bombay-Delhi	Bombay-Banglore	D
12	The car which having two doors and one row for seating such car is	Sedan	Hatchback	Coupe	Limo	A
13	...send proposal for built auto factory in India	Ratan Tata	Vishveshwaraya	Bajaj	Ashok Leyland	C
14	In which year India was an importer	1947	1948	1946	1949	B

