**NSDA Reference**

To be Added by NSDA

CONTACT DETAILS OF THE AWARDING BODY FOR THE QUALIFICATION

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| 1. **Name and address of awarding body:**

**National Academy of RUDSETI****Chitrapur Bhavan****15th Cross, 8th Main****Malleswaram****Bengaluru- 560 055****Ph: 080- 2346 2875****Email:** **info@rudsetacademy.org**1. **Name and contact details of the Individual dealing with the submission:**

**Name: Sri. R. R. Singh****Position in the Organization**: **Director General****Address:** Same as above**Email:** **dg@rudsetacademy.org**1. **List of Documents submitted in support of the Qualifications file (Annexure)**
2. **About National Academy of RUDSET**
3. **RUDSETI Model of Entrepreneurship Development**
4. **Curriculum document /Syllabus**
5. **Session Plan**
6. **Bank wise list of RSETIs**
7. **Research Studies regarding RUDSETI/RSETI**
8. **Success Stories**
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**SUMMARY**

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| **Qualification Title: Two Wheeler Mechanic** |
| **Qualification Code: NARQ40014 - PROCESS** |
| **Nature and purpose of the Qualification:**Qualification enables the trainee to set up their own Two Wheeler Repairs and Service Centre. According to NSSO Data (2013) among workers in rural areas, 54.2% are self-employed and 38.6% work as casual labor, where as only 7.2% have regular wage employment. Most of the self employed are engaged in agriculture and have very little formal skills both in farm and non-farm occupations. Hence, the need to skill rural youth so that the next generation of workers become skilled, productive and contribute positively for the growth of the economy. On gaining technical skills and skills in entrepreneurship, the candidates trained in this qualification can start their own Photo Studio and also take up outdoor photo and video recording assignments. There is increasing demand for this service especially for private (domestic) and public events in the rural areas and small towns. On becoming an entrepreneur the candidate trained in this qualification will initially promote a micro-enterprise which can gradually grow to become a small and later medium scale enterprise. The Micro, Small and Medium Enterprises (MSME) sector has emerged as a highly vibrant and dynamic sector of the Indian economy over the last five decades. MSMEs are playing a crucial role in providing large employment opportunities at comparatively lower capital cost than large industries. They are also contributing in a significant manner to the industrialization and development of rural and backward areas. This helps to reduce regional disparities and provides for a more equitable distribution of national income and wealth. MSMEs contribute enormously to the socio-economic development of the country. This sector today consists of 36 million units and provides employment to over 80 million persons. The Sector through more than 6,000 products contributes about 8% to GDP besides 45% to the total manufacturing output and 40% to the exports from the country. The MSME sector has the potential to spread industrial growth across the country and can be a major partner in the process of inclusive growth. The Micro, Small and Medium enterprises contribute to over. Entrepreneurship, and resultant creation of employment and wealth, is a major mean for inclusive development. A programme which is conducted with a motive to promote potential entrepreneurs, understanding of motives, motivational pattern, their impact on behavior and entrepreneurial value is termed as entrepreneurial development programme. |

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| **Body/bodies which will award the qualification: National Academy of RUDSETI, Bengaluru**The National Academy of RUDSETI was established in April 2009 in response to an emerging need for capacity building and mentoring of more than 585 Rural Self Employment Training Institutes (RSETIs) established in each district of the country as joint venture between different Banks and the Ministry of Rural Development, Government of India to work as National Level Resource Organization for RUDSETIs and RSETIs and other similar type of Institutes1. To design and conduct training programmes and undertake project in Enterprise Promotion, Rural Development, Technology Transfer and imparting Human Resource Development (HRD) concepts.
2. To conduct research and development work in the field of Entrepreneurship Development
3. To act as a advisory to policy makers relating to Enterprise Promotion and Rural Development (for Government /NGOs/ Other Organizations / Financial Institutions /Corporate Entities / Central Secretariat, RUDSETI)
4. To take up any other activities connected with Rural Development and Entrepreneurship Development and Rural Development.
5. To provide Consultancy and Counseling Services in the field of Entrepreneurship Development and Rural Development.
6. Any other activity aimed at Development of Entrepreneurship, Rural Development and serving the society at large.

(See Annexure I for a complete profile of NAR and Annexure II for RUDSETI model of Entrepreneurship Development) |
| **Body which will accredit providers to offer courses leading to the qualification:**National Academy of RUDSETI, Bengaluru |

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|  **Body/bodies which will be responsible for assessment:** National Academy of RUDSETI, Bengaluru |

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| **Occupation(s) to which the qualification gives access:**This qualification will enable the trainee to establish a Two Wheeler repair and service centre of his/her own undertaking and become an entrepreneur. In due course of time the entrepreneur will be able to attend to more customers by employing some more skilled workers. Besides skills in the field of Two Wheeler Repairs the qualification will give access to the trainee to:1. Acquire and internalize the required Entrepreneurial Competencies (skill as well as attitude).
2. Knowledge and techniques for identifying the business opportunities, selection of an entrepreneurial activity, launching of the venture and skills for managing a Micro Enterprise.
3. Build confidence in one’s own abilities
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| **Proposed level of the qualification in the NSQF:**Level 4 |
| **Anticipated volume of training/learning required to complete the qualification:**240 hoursSee Annexure III & IV for Detailed Curriculum /Syllabus & Session Plan |
| **Entry requirements / recommendations:**Candidates in the age group of 18 to 45 years having inclination for taking up Two Wheeler Repairs and Service as an occupation are eligible for entering this qualification. The prospective trainee must be able to read and write the local language. |
| **Progression from the qualification:**This qualification will enable the trainees to become Self Employed by providing service in automobile field for repairs and service for two wheelers. He/she will be able to set up his/her own garage for providing the said services. In due course he will graduate to become an entrepreneur through expansion in the related field by keeping provision for sale of spares and other connected items, thereby providing employment to others also. |
| **Planned arrangements for the Recognition of Prior learning (RPL):**Currently RPL is not proposed for this qualification, but could be made available at a later stage based on National Guidelines for similar occupation. |
| **International comparability where known:****------** |

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| **Formal structure of the Qualification** |
| **Two Wheeler Mechanic** | **Mandatory/****Optional** | **Estimated Size (learning hours)** | **Level** |
| **Professional Knowledge** **A - Entrepreneurship** 1. Knowledge of self-confidence , attitude
2. Entrepreneurial competencies
3. Banking, insurance , financial accountancy and management
4. Legal aspects ,regulatory aspects of SMEs

**B – Technical Knowledge**1. Insight in to different category/brands of two wheelers.
2. Parts of Various Two Wheelers.
3. Tools / Equipments used for two wheeler repairs.
4. Different types of tyres and tyre pressure.
5. Two wheeler engine working.
6. Electrical system in two wheelers.
7. Ignition system, sprocket, brakes, shock absorbers, battery system etc.
8. Follow standard operating procedures specially vehicle service manuals for using workshop tools and equipment
9. Information about First Aid, RTO rules and regulations, Driving license, life tax, pollution test etc.
 | MandatoryMandatory | 32 hours40 hours | Level 4 |
| **Professional Skills** 1. Use of Tools/Equipments used for repair of Two Wheelers.
2. Follow standard operating procedure set out for diagnosing faults under the supervision of a Senior Technician
3. Ability for diagnosing faults in the various sub-assemblies and aggregates in a vehicle
4. Ability to use checklists and standard OEM operating procedures to understand if the fault is because of improper servicing, or low levels of oils, coolants, grease etc. or poor quality oil/ air filters etc.
5. Ensure any malfunctions observed in tools and equipment is reported to the concerned persons.
6. Ensure any malfunctions or repair requirements observed in vehicles (and beyond own scope of work) are reported to the concerned person
7. Dismantling and Reassembling of Tyres and Tubes, maintaining proper tyre pressure.
8. Dismantling and Reassembling of Engines of different category two wheelers.
9. Working of Brakes, sprocket, shock absorbers, and ignition system of different types of vehicles.
10. Working of Electrical system-Circuits, fault finding, types of wires coils used.
11. Complete vehicle dismantling and reassembling.
12. Water servicing, greasing, lubrication for the vehicles.
 | Mandatory | 128 hrs | Level 4 |
| **Core Skills** 1. Business Opportunity Identification
2. Market Survey and Business Plan Development
3. Planning and Risk Assessment
4. Problem solving
5. Time management
6. Communication
7. Business Management skills
 | Mandatory | 34 hrs | Level 4 |
| **Admission, Evaluation test & Valedictory** | Mandatory | 6 hrs | - |
| **Total Duration of the Course** |  **240 hrs** |

**SECTION 1 - ASSESSMENT**

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| **Body/Bodies which will carry out assessment:**This qualification will be used by 585 RSETIs (list is furnished in Annexure V) across the country which has been established in each district. These RSETIs are controlled by commercial banks (both Government owned and Private). NAR is a separate body and there is no linkage in management and control between the RSETIs offering the training and NAR which will conduct the assessment. The assessment of outcome of the qualification will be done by NAR which is an independent organization. It is run by professionals who are expert in rural entrepreneurship development. In NAR there will be a separate vertical similar to ‘Controller of Examinations’ in Universities, which will conduct the assessment through its empanelled assessors at the RSETI level. The empanelled assessors will be provided training by NAR.**How will RPL assessment be managed and who will carry out?**Not Applicable**Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of NSQF.**Assessment tools for the Qualification are decided on the basis of composition of knowledge and skill in that particular Course. All assessments shall have at least two tools viz.1. Practical test and 2. Written test and/or Viva.1. **Assessment process:**

The assessment will be primarily carried out by collecting evidence of competence gained by the trainees by observing them at work, asking questions and initiating formative discussions to assess understanding and by evaluating their practical work. The question papers for the theory Examinations contain objective/descriptive type questions, drawings etc.**Minimum pass mark:** Overall 50% of marks allotted1. **Testing and certifications for the course:**

Arrangements will be made by NAR to ensure that the evidence on which assessment / judgments made are comparable for all trainees and that the judgments made does not vary from assessor to assessor. Arrangements relating to the conduct and monitoring process of assessment are as follows:* Questions papers will be prepared by NAR in consultation with vocation experts in the field.
* Structured tests at the Institute level will be administered in the presence of the assessors.
* The tests will be supervised and monitored at every Centre
* Theory and practical Examinations will be carried out with invigilators/examiners with the overall supervision of the certified assessors.
* Examiners called for evaluation of practical will have technical expertise in the field
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**ASSESSMENT EVIDENCE**

**Assessment & Evaluation:**

The trainees will be assessed through a structured test process. The test will comprise of both written, practical and viva voce. Standard question paper will be devised keeping in view the expected outcome of the training. The test will be administered by certified and empanelled assessors at RSETI level. The technical skill component will be tested through practical examination. Both of these tests will be followed by personal interview wherein the entrepreneurial competencies will be tested. The extent of internalization of the inputs given will be tested. The face-to-face interview will assess the overall ability of the trainee concerned to perform the defined job role including behavioral aspects of entrepreneurial competencies. On getting the results of these tests from the assessors at ground level, a senior expert in entrepreneurship at NAR, Bengaluru will review the marks and on his validation, system generated certificates will be issued to the successful candidates online.

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| **Entrepreneurship Development** |
| **Assessable Outcomes** | **Performance Criteria** | **Assessment Criteria**  |
| **Total** | **Theory** | **Practical** |
| 1. Candidate is clearly able to differentiate between Wage employment, Self-employment and Entrepreneurship
2. Understand, appreciate and develop the self-confidence for embarking on self-employment / entrepreneurship.
3. Understand and internalize entrepreneurial competencies and know their importance for becoming a successful entrepreneur.
4. Trainee is able to understand the legal and regulatory aspects of launching an enterprise.
5. Trainee is able to appreciate need for continuous growth and expansion of an enterprise
6. Trainee is able to analyze major trends in a given economic sector / sub-sector and identify Business Opportunities
7. Trainee is able to conduct market survey and develop sound Business Plans based on obtained data.
8. Develop effective personal management skills like time management and communication skills.
9. Knows to maintain simple books of accounts and prepare financial statement for small business
10. Trainees able to devise a simple marketing and sales strategies and plan for a small business
11. Trainees able to manage small team of workers required for managing a small business
 | **PC 1** – Understanding the Context and Need for Rural Entrepreneurship Development, Role of RSETIs | 1 | 1 | 0 |
| **PC 2** – Developing Self Confidence and Positive Attitude (Micro Lab & Tower Building) | 2 | 1 | 1 |
| **PC 3** – Comparative Advantages of Entrepreneurship and Self Employment over Wage Employment | 1 | 1 | 0 |
| **PC 4** – Understanding and self evaluation of Achievement Motivation and ways and improve motivation (SRQ) | 6 | 2 | 4 |
| **PC 5** - Understanding and internalizing entrepreneurial competencies | 5 | 3 | 2 |
| **PC 6** - Understanding the Concept of Risk Taking and Ability to do Risk Assessment (Ring Toss Game) | 3 | 1 | 2 |
| **PC 7** - Understanding the importance of Systematic Planning and Efficiency Orientation (Boat Building) | 2 | 1 | 1 |
| **PC 8** - Being able to understand the importance of Quality Assurance and Improvement in Business | 2 | 1 | 1 |
| **PC 9** - Understanding the process of steps in Problem Solving  | 3 | 2 | 1 |
| **PC 10 –** Time Management – Understanding of Basic Concepts and ability to manage time | 3 | 2 | 1 |
| **PC 11 –** Effective Communication Skills – Understanding of Basic Concepts and ability | 2 | 1 | 1 |
| **PC 12** – Ability to assess market conditions and indentify appropriate business opportunities | 3 | 3 | 0 |
| **PC 13** - Ability to Conduct Market Survey on a limited scale in a given area of Business | 7 | 3 | 4 |
| **PC 14** – Understanding of Banking & Insurance and how it can help a start up enterprise | 6 | 3 | 3 |
| **PC 15** – Ability to Prepare Business Plan based on data obtained from Market Survey | 16 | 6 | 10 |
| **PC 16** – Understanding licensing and regulatory aspects of launching an enterprise.  | 3 | 3 | 0 |
|  **PC 17** – Ability to Maintain Books of Accounts and Develop Financial Statements for a Small Business | 8 | 6 | 2 |
| **PC 18** – Understanding and ability for Inventory and Materials Management | 5 | 3 | 2 |
|  **PC 19** – Understanding and ability for Sales and Marketing | 7 | 4 | 3 |
| **PC 20** – Human Resource Management – Understanding of Concepts and ability to manage a team | 5 | 3 | 2 |
| **PC 21** - Understanding of Basic Laws relating to MSMEs | 5 | 5 | 0 |
| **PC 22** – Growth and Strategic Planning - Understanding of Concepts | 5 | 5 | 0 |
| **Total EDP** | **100** | **60** | **40** |

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| **Professional Knowledge** **B. Technical Knowledge**1. Insight in to different category/brands of two wheelers.
2. Parts of Various Two Wheelers.
3. Tools / Equipments used for two wheeler repairs.
4. Follow standard operating procedures specially vehicle service manuals for using workshop tools and equipment
5. Different types of tyres and tyre pressure.
6. Two wheeler engine working.
7. Electrical system in two wheelers.
8. Ignition system, sprocket, brakes, shock absorbers, battery system etc.
9. Information about First Aid, RTO rules and regulations, Driving license, life tax, pollution test etc.
 | **PC 1 –** Awareness about different category / popular brands of two wheelers. | 10 | 10 | Nil |
|  **PC 2** – Awareness of different parts and their functions of Two wheelers. | 10 | 10 | Nil |
| **PC 3** – Awareness of tools, Equipments and tyres and tubes of two wheelers**.** | 10 | 10 | Nil |
| **PC 4** - standard operating procedures of the Organization/ Dealership for inspection and diagnosis of faults in a vehicle as prescribed by the OEM/ Components Manufacturer | 10 | 10 | Nil |
| **PC 5** - The various sources of information available for assessing service and repair requirements of the vehicle including: • diagnostic displays • visual inspections • test drives • vehicle/equipment manufacturer specifications • standard operating procedures for diagnosis | 10 | 10 | Nil |
| **PC 6** - The basic technology used in and functioning of various components and aggregates of the vehicle including: engines and fuel system • air supply systems • emission and exhaust system • ignition systems • clutch assembly • clutch operating system • gearbox • drivelines and hubs • drive-train assembly and transmission systems (manual, automatic etc.) • suspension system • brake system (including regenerative braking systems) • tyres and wheels (including wheel alignment) | **10** | **10** | **Nil** |
| **PC 7** – Knowledge on working of automobile engines, ignition, brake system, chain & sprocket, shock absorbers etc. | 10 | 10 | Nil |
| **PC 8 -** Knowledge on electrical system and use of different capacity batteries for different types of vehicles. | 10 | 10 | Nil |
| **PC 9**  – Awareness about RTO rules, driving license, life tax, insurance, pollution test etc. | 10 | 10 | Nil |
| **PC 10** —Safety measures/First aid. | 10 | 10 | Nil |
| **Total** | **100** | **100** | **Nil** |
| **Professional Skills**1. Use of Tools/Equipments used for repair of Two Wheelers.
2. Follow standard operating procedure set out for diagnosing faults under the supervision of a Senior Technician
3. Ability for diagnosing faults in the various sub-assemblies and aggregates in a vehicle
4. Ability to use checklists and standard OEM operating procedures to understand if the fault is because of improper servicing, or low levels of oils, coolants, grease etc. or poor quality oil/ air filters etc.
5. Ensure any malfunctions observed in tools and equipment is reported to the concerned persons.
6. Ensure any malfunctions or repair requirements observed in vehicles (and beyond own scope of work) are reported to the concerned person
7. Dismantling and Reassembling of Tyres and Tubes, maintaining proper tyre pressure.
8. Dismantling and Reassembling of Engines of different category two wheelers.
9. Working of Brakes, sprocket, shock absorbers, and ignition system of different types of vehicles.
10. Working of Electrical system-Circuits, fault finding, types of wires coils used.
11. Complete vehicle dismantling and reassembling.
12. Water servicing, greasing, lubrication for the vehicles.
 | **PC 1 –** Ability to use different tools and equipments. | 10 | Nil | 10 |
| **PC 2** – Ability to diagnose and recommend corrective action to be taken for common engine and aggregate system faults and failures. | 10 | Nil | 10 |
| **PC 3** - Ability dismantling and reassembling of tires and tubes of two wheelers. | 8 | Nil | 8 |
| **PC4 -** Identify and change components requiring change due to continuous wear and tear including: oil and air filters, belts, wiper blades, brake linings and pads, drive.  | 10 | Nil | 10 |
| **PC 5** – Ensure all dismantled components (including mechanical and electrical aggregates) are cleaned and conditioned prior to reassembly. | 8 | Nil | 8 |
| **PC 6** - Ability to set the brakes, check ignition, chain and sprocket, shock absorbers. | 10 | Nil | 10 |
| **PC 7** - Ability to check working of electrical system, battery and attend to repairs. | 10 | Nil | 10 |
| **PC 8** - Calibrate, align and adjust settings, alignment and other routine service and maintenance of various parts. | 8 | Nil | 8 |
| **PC 9** - Measure/ inspect the machining or any other repair done from an outside source/ local machining garages, | 8 | Nil | 8 |
| **PC 10 -** Perform water servicing properly including greasing and lubrication. | 8 | Nil | 8 |
| **PC 11** – Ability to undertake ‘test ride’ and analyze the functioning of the vehicle. | 5 | Nil | 5 |
| **PC 12 -** Make the necessary arrangements at the workplace to achieve the healthy, safe and secure environment for all incorporating all government norms. | 5 | Nil | 5 |
| **Total** | **100** | **Nil** | **100** |
| **Total Duration of Course** | **300** | **160** | **140** |
| **Means of assessment 1**: Practical Test |  |  |  |
| **Means of assessment 2**: Written Test & Viva Voce. |  |  |  |
| **PASS : OVERALL 50 % AND ABOVE** |

# SECTION 2 - EVIDENCE OF LEVEL

Option B: Key Requirements of the Job Role

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| **Title of the Qualification: Two Wheeler Mechanic** |
| **NSQF LEVEL - 4** |
| **Process Required** | **Professional Knowledge** | **Professional Skills** |  **Core Skills** |  **Responsibility** |
| **Work in familiar predictable, routine, situation of clear choice** | **Factual knowledge of field of knowledge or study.** | **Recall and demonstrate practical skill, routine and repetitive in narrow range of application using appropriate rule and tool, using quality concepts.** | **Language to communicate written or oral, with required clarity, skill to basic arithmetic and algebraic principles, basic understanding of social political and natural environment** | **Responsibility for own work and learning** |
| Since the qualification is devised for attending to repairs & service to Two wheelers, the work place is required to be in prominent/strategic place  | Factual knowledge of equipment and basic knowledge of surrounding areas for increasing customer base. | Ability to operate standard equipment based on Standard Operating Procedures duly ensuring quality standards.  | Enterprise launching and business management skills to a limited scale. This can be imparted through training. | Since this training leads to entrepreneurial outcome, responsibility for own work and learning is to be present and demonstrated |

# SECTION 3 EVIDENCE OF NEED

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| **What evidence is there that the qualification is needed?** Entrepreneurship has been embedded in the Indian genius and is a part of its tradition. India traditionally has been an entrepreneurial society. Traditionally, the entrepreneurship of many communities has been facilitated principally by the successful use of informal ‘entrepreneurial ecosystems’ and interdependent business networks. Further, there is also a rich tradition within the Indian Diaspora, spanning the past several hundred years, whose spirit of enterprise is legion. Entrepreneurship in India occurs in ‘far more encompassing and far reaching ways than in developed countries’, and could therefore be far more complex, for there is so much more that needs to be done. Commentators today celebrate the ubiquitous Indian attitude of ‘*Jugaad’* (a Hindi word roughly translated as ‘creative improvisation) tool to somehow find a solution based on a refusal to accept defeat, and calling on initiative, quick thinking, cunning and resolve to quickly fulfill market demands at the lowest possible prices) as an entrepreneurial trait that has been as much a part of everyday Indian living as its rich tradition of philosophy and speculation. The development and impact of entrepreneurship in India has intensified in recent times, particularly with the rise in knowledge-intensive services. New entrepreneurs who do not belong to traditional business communities have begun to emerge in large numbers. Entrepreneurship has grown rapidly, visibly so, creating wealth and generating employment, especially in the past twenty years. Crucial efforts initiated after economic liberalization – including systematic attempts to reduce the ‘license raj’, greater efforts to make finance more easily accessible to entrepreneurs and other institutional support to ‘techno-preneurs’ – have helped improve the climate for Entrepreneurship. Thus, the opportunities created by today’s global knowledge economy coupled with the ‘unshackling of indigenous enterprise’, have continued to making India a ‘fertile ground’ for Entrepreneurship. Recent surveys, such as those undertaken by Goldman Sachs and Pricewaterhouse Coopers, have estimated that India has the potential to be among the world’s leading economies by 2050. Further India’s economy can potentially gain significantly from the country’s characteristic features – a democratic open society, a strong technology base (with capacity for leapfrogging), unparalleled diversity, vibrant capital markets (including growing private equity and venture capital markets), an increasingly youthful population (50% of India is 25 years and younger), a sizeable market of a large number of customer with vast unmet needs as well as an environment of full and free competition in the private sector. |
|  In order to give impetus to this growing demand of first generation entrepreneurs to gain formal training in entrepreneurship knowledge and skills RSETIs have been established by various Banks. Ministry of Rural Development gives part funding of the training. The RSETIs have been established on the RUDSETI models which have been proved very effective in eradicating the problems of unemployed youth. The trainings by these Institutes are unique in the sense they are demand based. The Institutes have got the experience of conducting these Programmes over the years. There was a time when owning a By-cycle was a pride for a family. But over the years, at present, we can hardly find a house without a two wheeler. Many families own more than one two wheeler apart from having a four wheeler also. The data says that, on an average the top 10 brands of two wheelers are selling more than 10 lakh units in a month. This shows that there is immense potential and scope available for ‘undertaking repair and service of two wheelers’ as a profession in our country. Against this back drop, a qualification has been drawn for creating the opportunity for setting up self employment venture in the field of Two wheeler repair and service. While the unemployment problem for youths, particularly the school drop outs is increasing, this area provides scope for self employment opportunity in this field, provided short duration ‘comprehensive training consisting of technical skill along with soft skill’ is given.**In order to identify the potential programmes as per the needs of the unemployed youth, a Committee of General Managers of top 5 RSETI sponsoring Banks has been constituted. The General Managers of State Bank of India, Punjab National Bank, Bank of Baroda, Central Bank of India and Bank of India are the members of this Committee. In addition, Executive Director, RUDSETI, National Director for RSETIs and Director General, National Academy of RUDSETI who got rich field experience also joined this Committee. The above Committee met at Mumbai on 7th November 2016. After thorough discussions and based on the past experience the Committee short listed potential /need based courses for training rural unemployed youth in the RSETIs. The training on ‘Two Wheeler Mechanic’ is one such shortlisted need based training.**See Annexure VII for Success Stories of candidates trained in this qualification |

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|  **What is the estimated uptake of this qualification and what is the basis of this estimate?**Presently there are 585+ Rural Self Employment Training Institutes (RSETIs) across the country sponsored by various Banks. National Academy of RUDSETI is the anchoring Institution which designs and approves the training programmes being conducted by these RSETIs. The Training Modules are demand driven and are vetted by National Academy of RUDSETI, having experience of running similar programmes by the RUDSETIs since over three decades. Two wheeler Repairs and Service is one of the most popular need based training programmes conducted by these Institutes. These programmes are having very good settlement rate. The number of trainees under this qualification during the past three years is as under:

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| **FY** | **No. of Training Programmes** | **Number of Candidates** |
| 2013-14 | 103 | 2330 |
| 2014-15 | 93 | 2138 |
| 2015-16 | 102 | 2294 |

Cumulative settlement rate for the above training is 52% and observing the above trend, the candidates trained under the above qualification file, the number of candidates to be trained in the next three years is estimated at more than 6,000. |

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| **What steps were taken to ensure that the qualification(s) does/do not duplicate already existing or planned qualifications in the NSQF?** Similar course leading to holistic understanding of the area of Two Wheeler Repair Service Provider leading to entrepreneurial outcome is currently not offered by NCVT or any Sector Skills Council. Hence, the activities are unique and the Qualification does not get duplicated.**What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated?** |

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| **What Arrangements are in place to monitor and review the qualification (s)? What data will be used and at point will the qualification (s) be revised or updated?**National Academy of RUDSETI has put in place a robust MIS for RSETIs. Comprehensive data (Course wise/Bank Wise/State Wise) for all RSETIs is maintained by NAR in the said MIS. Entry level data include the photograph of the candidate other basic details. Course modules are made available in the MIS and the website of NAR. Training logs and Post Programme Reports with action photographs of the training are also made available in the MIS. Details of Settlement and credit linkages are uploaded in the MIS with action photos and documentary proofs. The State Directors of RSETIs are also visiting the RSETIs every quarter for reviewing the quality of training / settlement. Officials from the controlling offices of the Banks and NAR are also making periodic visits to the RSETIs for reviewing the activities. MIS reports are used for viewing the settlement of the trained candidates, their level of income and employment generation by them. Feedback obtained from the trained candidates, RSETI sponsoring bank and other stake holders are used to review/update the course. |

# SECTION 4 - EVIDENCE OF RECOGNITION AND PROGRESSION

**What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?**

The candidates who are trained in Two Wheeler Repair and service may attend skill up-gradation programme for the subject qualification file where in specialized inputs are given for enabling the candidates for technology up-gradation. The candidates are also eligible for attending the growth programmes in RSETIs which will help them draw a growth plan for their business and go in for expansion and diversification in the related field of activity. For example, as a progression of the above qualification, the candidates may go for training on Four wheeler repairs, take up sale of automobile spares etc.