

PERFORMA FOR SUBMISSION OF RESEARCH PROJECTS**PART – 1: GENERAL INFORMATION**200 **Project code**2001 Institute code **PAR- 4.1**

2002 ICAR code -

201 **Name of Institute & Division**2011 Name & address of Institute **INDIAN GRASSLAND AND FODDER
RESEARCH INSTITUTE, JHANSI- 284003**2012 Name of Division /Section **PAR Division**2013 Location of Project **PAR Division**202 **Project Title:** *Performance of mixed herd of sheep and goat under grazing in different silvopasture systems*203 **Priority Area** Development of efficient & economical feeding system for small ruminants

2031	Research Approach:	Applied Res.	Basic Res.	Process/ or Development	Transfer of Technology
		01	02	03	04

204 **Specific Area** Nutrition and feeding strategies of small ruminants on rangeland/ pasture205 **Duration of Project**2051 Date of start **July 2010**2052 Likely date of completion **June 2015**206 **Total cost of the Project** **62.71 lakhs (approx)**

2061 Foreign Exchange Component (if any)

207 **Project Profile Summary:**

Low productivity of sheep and goats in semi-arid region is primarily due to inadequate availability of quality forage. Looking to the very limited scope of expanding the area under fodder crops on arable lands, silvopasture systems integrating trees/ shrubs with improved pasture materials on unutilized degraded/ wastelands are of great promise in meeting society's forage and other requirements like minor timber, firewood, fruits etc besides land conservation. Now-a-days the silvopasture system is coming to optimize, rather than maximize, production from the same unit of land through integrated management. In fact, silvopasture as an agroforestry practice is specifically designed and managed for the production of trees, tree products, forage and livestock. Thus in the present investigation, efforts will be made to compare the performances of mixed herd of sheep and goat on different types of pastures in silvopasture system as long term approach for sustainable animal production based on grazing.

208 **Key Words** Sheep and goat, Grazing, Silvopasture system, Sustainable production

PART –II: INVESTIGATOR PROFILE

210 **Principal Investigator:**

2101 Name : Dr. S.K. Mahanta
2102 Designation : Sr. Scientist (Animal Nutrition)
2103 Division/Section : PAR Division
2104 Location : PAR Division
2105 Institute Address : IGFR, Jhansi (UP)

211 **Co-Investigator:**

2111 Name : Dr. S.N. Ram
2112 Designation : Sr. Scientist (Agronomy)
2113 Division/Section : GSM Division
2114 Location : GSM Division
2115 Institute Address : IGFR, Jhansi (UP)

212 **Co-Investigator**

2121 Name : Dr. S.K. Das
2122 Designation : Sr. Scientist (Agril. Chemistry)
2123 Division/Section : CP Division

- 2124 Location : CP Division
- 2125 Institute Address : IGFRI, Jhansi (UP)
- 213 Co-Investigator**
- 2131 Name : Dr. Archana Singh
- 2132 Designation : Sr. Scientist (Economic Botany)
- 2133 Division/Section : GSM Division
- 2134 Location : GSM Division
- 2135 Institute Address : IGFRI, Jhansi (UP)
- 214 Co-Investigator**
- 2141 Name : Dr. N. Das
- 2142 Designation : Principal Scientist (LPM) & Head
- 2143 Division/Section : PAR Division
- 2144 Location : PAR Division
- 2145 Institute Address : IGFRI, Jhansi (UP)

PART-III: TECHNICAL DETAILS

- 220 Introduction and objective: Please See Annexure-I**
- 2201 Origin of the Project:
(Problem identification)
- 2202 Definition of Problem
- 2203 Immediate objectives:
- 2204 Long term objectives:
- 2205 Review of status of Research in the Subject:
- a) International Status:
 - b) National Status:
- 221 Project Technical Profile:**

