



SCITM

PROJECT REPORT
ON

WHEEL SPRAY PUMP

SUBMITTED BY "TEAM PROJECT"

UNDER THE GUIDANCE OF

Er. USHA KIRAN (HOD)



DEPARTMENT OF MECHANICAL ENGINEERING
SAMANTA CHANDRASEKHAR INSTITUTE OF TECH
& MGMT, SEMILIGUDA, KORAPUT, ODISHA

2019-22

UNDER STATE COUNCIL FOR TECHNICAL EDUCATION AND
VOCATIONAL TRAINING, ODISHA



SCITM

PROJECT REPORT
ON

WHEEL SPRAY PUMP

SUBMITTED BY "TEAM PROJECT"

- | | |
|---------------------|--------------------------|
| 1. JAYASEN KHILLO | (REGD. NO: L20030004010) |
| 2. KHAGESH SISA | (REGD. NO: F19030004017) |
| 3. JOGESWAR SISA | (REGD. NO: F19030004016) |
| 4. KISHORE KANDAPAN | (REGD. NO: L20030004014) |
| 5. NAKUL KHARA | (REGD. NO: F19030004019) |

UNDER THE GUIDANCE OF
EP. USHA KIRAN (HOD)
DEPARTMENT OF MECHANICAL ENGINEERING



SAMANTA CHANDRASEKHAR INSTITUTE OF TECH &
MGMT, SEMILIGUDA, KORAPUT, ODISHA

2019-22

UNDER STATE COUNCIL FOR TECHNICAL EDUCATION AND
VOCATIONAL TRAINING, ODISHA



SCITM

CERTIFICATE

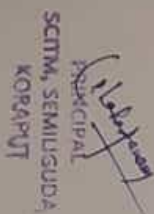
This is to certify that MR. JAYASEN KHILLO, MR. KHAGESH SISA, MR. JOGESWAR SISA, MR. KISHORE KANDAPAN, MR. NAKUL KHARA the Students of Mechanical Engineering Department (2019-22 Batch) of Samanta Chandrasekhar Institute of Technology and Management successfully completed the project on " WHEEL SPRAY PUMP ".

They have shown keen interest and sincere approach in design, development & implementation of " WHEEL SPRAY PUMP " and executed with appreciable teamwork within the team members. During the period of project execution, I personally found them sincere, efficient & hardworking with good moral character. I wish them all the best for their future endeavours.


E. Usha Kiran

(HOD)

Mechanical Engg. Department (SCITM)


MUNICIPAL
SCITM, SEMILUGUDA
KORAPUT

ACKNOWLEDGEMENT

We express our profound gratitude to every one of SCITM Engineering College who gave us the opportunity to expand our intellectual horizon. We are very grateful to Er. Usha Kiran (HOD) who has given us the opportunity to accomplish the project for her precious guidance. We are also thankful to the faculty members of Mechanical Engineering Department for their personal involvement and valuable guidance during the entire course of the project.

We are indebted to department of Mechanical Engineering for their encouragement & continuance with us throughout the project and noteworthy suggestions & guidance provided during the project.

Apart from above, we are heartily thankful to everyone who has contributed in this project directly or indirectly.

CONTENT		PAGE NO
ABSTRACT		1
INTRODUCTION		2-4
<ul style="list-style-type: none"> PROBLEMS IN VEGETARY COMMON PROBLEMS 		
LITERATURE REVIEW	<ul style="list-style-type: none"> R. D. BUDDE HAS WORKED ON "AGRICULTURAL FERTILIZER & PESTICIDES SPRAYERS" P. V. ANSARI, W. A. Y. VOH, S. A. G. R. E. T. M. A. L. E., K. A. T. B. N. S. A. M. A. H. O. L. I., K. I. A. D. N. I., H. E. M. A. N. T. C. A. B. I. D. O. D. E. T. T. H. E. R. W. O. R. K. I. N. "DESIGN & FABRICATION OF AGRICULTURAL SPRAYERS, WEED WITH CUTTER" ACCORDING TO LITERATURE PUBLISHED ON FLOW CONTROL OF AGRICULTURAL SPRAYING MACHINE BY MASSY T. S. V. E. R. S. T. Y. N. E. W. Z. E. L. A. N. D. O. N. D. I. F. F. E. R. E. N. T. S. P. R. A. Y. I. N. G. M. E. C. H. A. N. I. S. M. A. R. E. S. T. A. B. L. I. S. H. E. D. K. A. S. O. J. E. T. E. P. O. R. A. T. N. A. R., D. H. A. N. S. H. A. R. E. H. O. T. T. C. A. B. I. D. O. D. E. T. T. H. E. R. W. O. R. K. I. N. "DESIGN & FABRICATION OF MULTINOZZLE PESTICIDE SPRAYER PLANT" P. R. O. F. S. Y. D. I. S. H. P. A. N. O. H., D. A. M. B. E. M. A. Y. I. L. E. & D. I. W. A. N. A. L. I. S. W. A. S. P. O. S. I. T. I. O. N. H. A. S. W. O. R. K. E. D. O. N. "AGRICULTURAL RECHARGING, MULTISPRAYERS." 	5-8
OBJECTIVES		9
METHODOLOGY	<ul style="list-style-type: none"> SINGLE SLIDER CRANK MECHANISM 	10-12
DESIGN OF MULTINOZZLE WHEEL SPRAY PLANT	<ul style="list-style-type: none"> CENTRE DISTANCE DIMENSION OF MULTINOZZLE WHEEL SPRAY PLANT 	13-15
APPLICATION		16
ADVANTAGES		17
DISADVANTAGES		
CONCLUSION AND FUTURE SCOPE		18-19
REFERENCE		20-21

PROJECT PHASE-II EVALUATION
DIPLOMA

Project Topic: Wheel Spray Pump

Name of the Students: Jayasen Khillo, Khagesh Sisa,
Jageshwar Sisa, Kishore Kandapan, Narek Kharia.

Sl.No	Performance Criteria	Division Of Marks Under Each Criteria	Marks Allotted
1	Selection of project assignment	10	9
2	Planning and execution of consideration	10	9
3	Quality of performance	10	9
4	Provision solution of the problems or production final product	10	10
5	Sense of responsibility	10	9
6	Self expression, communication and presentation skills	15	13
7	Interpersonal skills/Human relation	10	9
8	Report writing skills	15	14
5	Viva voce	10	9
	Total Marks	100	91

Evaluated by

(Signature)
Jana Kiran

HOD
Mechanical Dept.