Visvesvaraya Technological University

JnanaSangama, Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Mr. ABHISHEK B [1SV20EC001]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum] SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106 2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

SiraRoad,NH-4,Maralenahalli,Tumakuru,Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Mr. ABHISHEK B bearing USN: 1SV20EC001 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed underthe directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide

Mr. RAGHAVENDRA D

Asst.ProfessorDept of ECE SIET-Tumakuru Signature of HOD

Mr. Aijaz Ahamed Sharieff

HOD and Asst. Professor
Dept of ECE
SIET-Tumakuru

PRINCIPAL SIET, TUMKUR.

Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

.We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide Mr. RAGHAVENDRA D, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all $\dot{}$. times.

Mr. ABHISHEK B

[1SV20EC001]

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

Aninitiative of LGSTRUST®

Mr. ABHISHEK B

College: SIET-Tumakuru

Course: BE

Branch: ECE

USN:

1SV20EC001

CertificateID:

AJR03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 Activity</u> <u>Points</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY

.

-2022

Mr.BGShivanna

Hanshal

Mr. HarshaS

. ८०. हो युष

Mrs.B Kowsalya

LGSSocialInnovationandResearchCentre

AnInitiativeofLGSTrust®

No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Mr. ABHISHEK B bearing USN:1SV20EC001 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS

LGS Social Innovation and Research Centrelgstrustindia@gmail.com

Ph:9448165040/9742942597

For LGS TRUST (R)

President

Signature of NGOKeyPerson

Mr. BG

ShivannaPresident, LGS

Trustlgstrustindia@gmai

Ph:9448165040/9742942597

LGSSocialInnovationandResearchCentre

 $An Initiative of \textbf{LGSTrust} \circledR \\ No.04,4 ^{th} Floor, Nagarabhavi 2 ^{nd} Stage,6 ^{th} Block, Bangalore -560072$



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder, Scoutsand Guides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwiththesolution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides,

FOILGS TRUST (R)

Programme Manager

NSS/NCC/Red Cross
Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator Ph:9448165040/9880436959 For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS
LGS Social Innovation and Research
Centreharshas@lgstrust.com
Ph:9448165040/9742942597

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the social problems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Projectise xecuted in 2 phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason for the existence of gap or differentiation between the agriculture labour and agriculture land owner is studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The government policies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

Visvesvaraya Technological University

JnanaSangama, Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Ms. ANJANA A [1SV20EC002]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

SiraRoad,NH-4,Maralenahalli,Tumakuru,Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform inRural Areas" carried out by Ms. ANJANA A bearing USN: 1SV20EC002 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed underthe directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide

Mr. RAGHAVENDRA D Asst.ProfessorDept

of ECE SIET-Tumakuru Signature of HOI

Signature of HOD

Mr. Aijaz Ahamed Sharieff

HOD and Asst. Professor
Dept of ECE
SIET-Tumakuru

Vender Lungette

SIET. TUMKUR.

Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Ms. ANJANA A

[1SV20EC002]

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

College: SIET-Tumakuru

Course: BE

Branch: ECE

Aninitiative of LGSTRUST®

Ms. ANJANA A

USN:

1SV20EC002

CertificateID:

AJR03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 Activity</u> <u>Points towards the "AICTEActivity Points Program" from 01-Apr-2022to15- MAY</u>

-2022

BSSWY.

Mr.BGShivanna

Harrshal

Mr. HarshaS

या. हा इंड

Mrs.B Kowsalya

LGSSocialInnovationandResearchCentre

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. ANJANA A bearing USN:1SV20EC002 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS
M.Tech,PGDFCS
LGS Social Innovation and Research
Centrelgstrustindia@gmail.com
Ph:9448165040/9742942597

For LGS TRUST (R)

President

Signature of NGOKeyPerson

Mr. B G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
Ph:9448165040/9742942597

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProject:	20Points .

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the social problems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Project is executed in 2phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason for the existence of gap or differentiation between the agriculture labour and agriculture land owner is studied. The thinking process irrespective of right or wrong happened in the labour and owner segment has contributed to the today's complication in the Agri Labour segment. The government policies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical world with the necessary infrastructures.

Visvesvaraya Technological University

JnanaSangama, Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

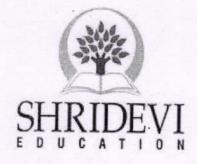
Submitted By

Ms. BHUMIKA S [1SV20EC003]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

SiraRoad,NH-4,Maralenahalli,Tumakuru,Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform inRural Areas" carried out by Ms. BHUMIKA S bearing USN: 1SV20EC003 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed under the directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

The state of the s

Signature of Guide
Mr. RAGHAVENDRA D
Asst.ProfessorDept
of ECE
SIET-Tumakuru

Air

Signature of HOD

Mr. Aijaz Ahamed Sharieff
HOD and Asst. Professor
Dept of ECE
SIET-Tumakuru

PRINCIPAL SIET. TUMKUR.

Signature of Principal

Dr.NarendraViswanath
Principal
SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would becomplete only with the mention of the almighty God and the people who made it possible, whosereportrewardedtheeffortwithsuccessofproject presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance ourknowledge throughtheproject.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance helpe during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keeninterest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Ms. BHUMIKA S

[1SV20EC003]

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

College: SIET-Tumakuru

Course: BE

Branch: ECE

Aninitiative of LGSTRUST®

Ms. BHUMIKA S

USN:

1SV20EC003

CertificateID:

AJR03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u>

<u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 Activity</u>

<u>Points towards the "AICTEActivity Points Program" from 01-Apr-2022to15- MAY</u>

BSSWY.

-2022

Mr.BGShivanna

Hoovshal

Mr. HarshaS

या. इतिहा

Mrs.B Kowsalya

LGSSocialInnovationandResearchCentre

AnInitiativeof**LGSTrust**®

No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. BHUMIKA S bearing USN:1SV20EC003 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru inearning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya TechnologicalUniversity,Belagavi duringtheyear 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that canimpart knowledge on the project. It is also certified that student has involved in making the bestmodel to help the society and solve the social problem related to the project. The Report writtenby the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

ureonvolvesourcererso

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com Ph:9448165040/9742942597 For LGS TRUST (R)

3884

President

Signature of NGOKeyPerson

Mr. BG

ShivannaPresident, LGS Trustlgstrustindia@gmai

Ph:9448165040/9742942597

LGSSocialInnovationandResearchCentre

 $An Initiative of \textbf{LGSTrust} \circledR \\ No.04,4 ^{th} Floor, Nagarabhavi 2 ^{nd} Stage,6 ^{th} Block, Bangalore -560072$



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder,ScoutsandGuides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwith the solution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides,

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator Ph:9448165040/9880436959 For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS
M.Tech,PGDFCS
LGS Social Innovation and Research
Centreharshas@lgstrust.com
Ph:9448165040/9742942597

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProject:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Projectise xecuted in 2 phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason forthe existence of gap or differentiation between the agriculture labour and agriculture land owneris studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The governmentpolicies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

Visvesvaraya Technological University

JnanaSangama, Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Ms. CHITRASHREE H K [1SV20EC004]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliațedtoVTU,Belgaum]

SiraRoad,NH-4,Maralenahalli,Tumakuru,Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. CHITRASHREE H K bearing USN: 1SV20EC004 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed under the directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide

Mr. RAGHAVENDRA D

Asst.ProfessorDept of ECE SIET-Tumakuru Signature of HOD

Mr. Aijaz Ahamed Sharieff

HOD and Asst. Professor Dept of ECE SIET-Tumakuru PRINCIPAL SIET. TUMKUR.

Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to Mr.AijazAhamedSharieff, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Ms. CHITRASHREE H K

[1SV20EC004]

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

College: SIET-Tumakuru

Course: BE

Branch: ECE

Aninitiative of LGSTRUST®

Ms. CHITRASHREE H K

USN:

1SV20EC004

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 Activity</u> <u>Points</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY

BSSWY.

-2022

Mr.BGShivanna

Harrshal

Mr. HarshaS

थ. मूर्य

Mrs.B Kowsalya

LGSSocialInnovationandResearchCentre

AnInitiativeof**LGSTrust**®

 $No.04, 4^{th} Floor, Nagarabhavi 2^{nd} Stage, 6^{th} Block, Bangalore - 560072$



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. CHITRASHREE H K bearing USN:1SV20EC004 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centre<u>lgstrustindia@gmail.com</u>

Ph:9448165040/9742942597

For LGS TRUST (R)

President

Signature of NGOKeyPerson

Mr. B G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

Ph:9448165040/9742942597

LGSSocialInnovationandResearchCentre

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder, Scoutsand Guides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwiththesolution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides,

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centre<u>harshas@lgstrust.com</u>

Ph:9448165040/9880436959

Ph:9448165040/9742942597

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProject:	20Points .

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Projectise xecuted in 2 phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason forthe existence of gap or differentiation between the agriculture labour and agriculture land owneris studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The governmentpolicies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

Visvesvaraya Technological University

JnanaSangama,Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Mr.DARSHAN M R [1SV20EC005]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Mr. DARSHAN M R bearing USN: 1SV20EC005 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that alltheory/practicals/corrections/suggestions indicated for Activity Points have been executed underthe directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide

Mr: RAGHAVENDRA D Asst.ProfessorDept of ECE

SIET-Tumakuru

Signature of HOD

Mr. Aijaz Ahamed Sharieff

HOD and Asst. Professor Dept of ECE SIET-Tumakuru

Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the **LGS Social Resource and Research Center** for their effort and endurance to bring out the best in us.

. Finally, we would like to thank our family members and friends for standing with us through all times.

Mr. DARSHAN M R

[1SV20EC005]

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Projectise xecuted in 2 phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason for the existence of gap or differentiation between the agriculture labour and agriculture land owner is studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The government policies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

College: SIET-Tumakuru

Course: BE

Branch: ECE

Aninitiative of LGSTRUST®

Ms. DARSHAN MR

USN:

XXXXXXXXXXXXXXXXX

1SV20EC005

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShivanna

President

Howhal

Mr. HarshaS

Secretary

या. हा इंध

Mrs.B Kowsalya

Treasurer

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Mr. DARSHAN M R bearing USN:1SV20EC005 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com For LGS TRUST (R)

BSSWY

President

Signature of NGOKeyPerson

Mr. B G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

Ph:9448165040/9742942597

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder, Scoutsand Guides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwiththesolution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides.

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research

Centreharshas@lgstrust.com

Ph:9448165040/9880436959

Visvesvaraya Technological University

JnanaSangama, Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Ms. GAGANASHREE H K [1SV20EC006]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

SiraRoad,NH-4,Maralenahalli,Tumakuru,Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. GAGANASHREE H K bearing USN: 1SV20EC006 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed underthe directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide
Mr. RAGHAVENDRA D
Asst.ProfessorDept
of ECE
SIET-Tumakuru

Signature of HOD

Mr. Aijaz Ahamed Sharieff HOD and Asst. Professor Dept of ECE SIET-Tumakuru PRINCIPAL SIET. TUMKUR.

Signature of Principal

Dr.NarendraViswanathPrincipal

SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Ms. GAGANASHREE HK

[1SV20EC006]

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

Aninitiative of LGSTRUST®

Ms. GAGANASHREE H K

College: SIET-Tumakuru

Course: BE

Branch: ECE

USN:

XXXXXXXXXXXXXXXXX

1SV20EC006

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 Activity</u> <u>Points</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY

-2022

BSSW.

Mr.BGShivanna

Houshal

Mr. HarshaS

या. हा इंध

Mrs.B Kowsalya

 $An Initiative of \textbf{LGSTrust} \circledR \\ No.04,4 \ref{thFloor}, Nagarabhavi 2 \ref{thBlock}, Bangalore -560072$



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. GAGANASHREE H K bearing USN:1SV20EC006 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS

LGS Social Innovation and Research Centrelgstrustindia@gmail.com For LGS TRUST (R)

13884

President

Signature of NGOKeyPerson

Mr. B G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

Ph:9448165040/9742942597

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder, Scoutsand Guides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwiththesolution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides,

FOILGS TRUST (R)

Programme Manager NSS/NCC/Red Cross

Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna

B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS
LGS Social Innovation and Research
Centreharshas@lgstrust.com

Ph:9448165040/9880436959

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Project is executed in 2phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason for the existence of gap or differentiation between the agriculture labour and agriculture land owner is studied. The thinking process irrespective of right or wrong happened in the labour and owner segment has contributed to the today's complication in the Agri Labour segment. The government policies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical world with the necessary infrastructures.

Visvesvaraya Technological University

JnanaSangama, Belgavi - 590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Mr. HARSHITH M J [15V20EC007]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Mr. HARSHITH M J bearing USN: 1SV20EC007 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed under the directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide

Mr. RAGHAVENDRA D

Asst.ProfessorDept of ECE SIET-Tumakuru No.

Signature of HOD

Mr. Aijaz Ahamed Sharieff

HOD and Asst. Professor

Dept of ECE

SIET-Tumakuru

PRINCIPAL SIET TIMKUR

Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Mr. HARSHITH M J

[1SV20EC007]

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the social problems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Projectise xecuted in 2 phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason forthe existence of gap or differentiation between the agriculture labour and agriculture land owneris studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The governmentpolicies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

Aninitiative of LGSTRUST®

Ms. HARSHITH M J

College: SIET-Tumakuru

Course: BE

Branch: ECE

USN:

(スススススススススススススス)

1SV20EC007

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShivanna

President

Houshal

Mr. HarshaS

Secretary

या. हा तथ

Mrs.B Kowsalya

Treasurer

AnInitiativeofLGSTrust®

No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Mr. DARSHAN M R bearing USN:1SV20EC007 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com For LGS TRUST (R)

BSSWY.

President

Signature of NGOKeyPerson

Mr. BG

ShivannaPresident, LGS Trustlgstrustindia@gmai

l.com

Ph:9448165040/9742942597

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder, Scoutsand Guides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwith the solution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides,

FOILGS TRUST (R)

Programme Manager NSS/NCC/Red Cross

Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centre<u>harshas@lgstrust.com</u>

Ph:9448165040/9880436959

Visvesvaraya Technological University

JnanaSangama,Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Ms. HARSHITHA S [1SV20EC008]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum] SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106 2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

SiraRoad,NH-4,Maralenahalli,Tumakuru,Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. HARSHITHA S bearing USN: 1SV20EC008 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that alltheory/practicals/corrections/suggestions indicated for Activity Points have been executed underthe directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide

Mr. RAGHAVENDRA D

Asst.ProfessorDept of ECE

SIET-Tumakuru

✓ Signature of HOD

Mr. Aijaz Ahamed Sharieff

HOD and Asst. Professor Dept of ECE SIET-Tumakuru

Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide Mr. RAGHAVENDRA D, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Ms. HARSHITHA S

[1SV20EC008]

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

Aninitiative of LGSTRUST®

Ms. HARSHITHA S

College: SIET-Tumakuru

Course: BE

Branch: ECE

USN:

1SV20EC008

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShivanna

President

Harshal

Mr. HarshaS

Secretary

थ. हार्य

Mrs.B Kowsalya

Treasurer

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. HARSHITHA S bearing USN:1SV20EC008 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com

Ph:9448165040/9742942597

For LGS TRUST (R)

BSSWY.

President

Signature of NGOKeyPerson

Mr. B G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder,ScoutsandGuides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwith the solution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides,

FOILGS TRUST (R)

Programme Manager NSS/NCC/Red Cross

Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centre<u>harshas@lgstrust.com</u>

Ph:9448165040/9880436959

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Project is executed in 2phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason for the existence of gap or differentiation between the agriculture labour and agriculture land owner is studied. The thinking process irrespective of right or wrong happened in the labour and owner segment has contributed to the today's complication in the Agri Labour segment. The government policies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical world with the necessary infrastructures.

Visvesvaraya Technological University

JnanaSangama, Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

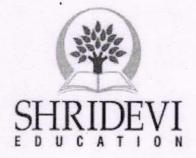
Submitted By

Mr. IMTIYAZ PASHA [1SV20EC009]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Mr. IMTIYAZ PASHA bearing USN: 1SV20EC009 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that alltheory/practicals/corrections/suggestions indicated for Activity Points have been executed underthe directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide

Mr. RAGHAVENDRA D

Asst.ProfessorDept of ECE SIET-Tumakuru

Signature of HOD

Mr. Aijaz Ahamed Sharieff

HOD and Asst. Professor Dept of ECE SIET-Tumakuru

Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Mr. IMTIYAZ PASHA

[1SV20EC009]

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Projectise xecuted in 2 phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason forthe existence of gap or differentiation between the agriculture labour and agriculture land owneris studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The governmentpolicies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

.NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

College: SIET-Tumakuru

Course: BE

Branch: ECE

Aninitiative of LGSTRUST®

Ms. IMTIYAZ PASHA

USN:

*XXXXXXXXXXXXXX

1SV20EC009

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShivanna

President

Harshal

Mr. HarshaS

Secretary

थ. हाइल

Mrs.B Kowsalya

Treasurer

AnInitiativeofLGSTrust®

No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Mr. IMTIYAZ PASHA bearing USN:1SV20EC009 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com For LGS TRUST (R)

- .. .

President

Signature of NGOKeyPerson

Mr. B G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

Ph:9448165040/9742942597

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder, Scoutsand Guides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwiththesolution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides.

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centreharshas@lgstrust:com

Ph:9448165040/9880436959

Visvesvaraya Technological University

JnanaSangama, Belgavi - 590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Ms. MEGHANA N G [1SV20EC010]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

SiraRoad,NH-4,Maralenahalli,Tumakuru,Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. MEGHANA N G bearing USN: 1SV20EC010 a bonafide student of Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed under the directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide

Mr. RAGHAVENDRA D

Asst.ProfessorDept

of ECE

SIET-Tumakuru

Signature of HOD

Mr. Aijaz Ahamed Sharieff

HOD and Asst. Professor Dept of ECE SIET-Tumakuru PRINCIPAL SIET. TUMKUR.

SIET. TOMINON.

Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Ms. MEGHANA N G

[1SV20EC010]

PROJECTFEATURES AND IMPLEMENTATION PLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Project is executed in 2phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason for the existence of gap or differentiation between the agriculture labour and agriculture land owner is studied. The thinking process irrespective of right or wrong happened in the labour and owner segment has contributed to the today's complication in the Agri Labour segment. The government policies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical world with the necessary infrastructures.

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and ResearchCentre

Aninitiative of LGSTRUST®

Ms. MEGHANA N G

College: SIET-Tumakuru

Course: BE

Branch: ECE

USN:

XXXXXXXXXXXXXXXXX

1SV20EC0010

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShivanna

President

Haarshal

Mr. HarshaS

Secretary

थ. मूर्ध

Mrs.B Kowsalya

Treasurer

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. MEGHANA N G bearing USN:1SV20EC010 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com

Ph:9448165040/9742942597

For LGS TRUST (R)

BSSWY.

President

Signature of NGOKeyPerson

Mr. B G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

Ph:9448165040/9742942597

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder,ScoutsandGuides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwith the solution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides,

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centre<u>harshas@lgstrust.com</u>

Ph:9448165040/9880436959

Ph:9448165040/9742942597

Visvesvaraya Technological University

JnanaSangama,Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Ms. MUKTHA H K [1SV20EC011]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. MUKTH'A H K bearing USN: 1SV20EC011 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed under the directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

The same

Signature of Guide
Mr. RAGHAVENDRA D
Asst.ProfessorDept
of ECE
SIET-Tumakuru

J.C.

Signature of HOD

Mr. Aijaz Ahamed Sharieff HOD and Asst. Professor Dept of ECE SIET-Tumakuru PRINCIPAL SIET, TUMKUR.

Signature of Principal

Dr.NarendraViswanath
Principal
SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Ms. MUKTHA H K

[1SV20EC011]

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Projectise xecuted in 2 phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason for the existence of gap or differentiation between the agriculture labour and agriculture land owners studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The government policies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

College: SIET-Tumakuru

Course: BE

Branch: ECE

Aninitiative of LGSTRUST®

Ms. MUKTHA H K

USN:

1SV20EC0011

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShivanna

President

Harshal

Mr. HarshaS

Secretary

थ. हार्ध

Mrs.B Kowsalya

Treasurer

 $An Initiative of \textbf{LGSTrust} \\ \textbf{No.} 04,4 \\ \textbf{th} Floor, Nagarabhavi 2 \\ \textbf{nd} Stage,6 \\ \textbf{th} Block, Bangalore -560072 \\ \textbf{dots} = 100 \\ \textbf$



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. MUKTHA H K bearing USN:1SV20EC011 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com For LGS TRUST (R)

President

Signature of NGOKeyPerson

Mr. B G .
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

Ph:9448165040/9742942597

Ph:9448165040/9742942597

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder, Scoutsand Guides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwiththesolution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides,

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross

Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centre<u>harshas@lgstrust.com</u>

Ph:9448165040/9880436959

Ph:9448165040/9742942597

Visvesvaraya Technological University

JnanaSangama,Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Ms. PRATHIKSHA [1SV20EC013]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. PRATHIKSHA bearing USN: 1SV20EC013 a bonafide student of Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed under the directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

- Andrew

Signature of Guide
Mr. RAGHAVENDRA D
Asst.ProfessorDept
of ECE
SIET-Tumakuru

Signature of HOD

Mr. Aijaz Ahamed Sharieff HOD and Asst. Professor Dept of ECE SIET-Tumakuru PRINCIPAL SIET. TUMKUR.

Signature of Principal

Dr.NarendraViswanath
Principal

Principal SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

· We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the **LGS Social Resource and Research Center** for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Ms. PRATHIKSHA

[1SV20EC013]

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	. PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Projectise xecuted in 2 phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason for the existence of gap or differentiation between the agriculture labour and agriculture land owner is studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The government policies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

College: SIET-Tumakuru

Course: BE

Branch: ECE

Aninitiative of LGSTRUST®

Ms. PRATHIKSHA

USN:

1SV20EC0013

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShivanna

President

Haowhal

Mr. HarshaS

Secretary

थ. हार्ध

Mrs.B Kowsalya

Treasurer

AnInitiativeofLGSTrust®

No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. PRATHIKSHA bearing USN:1SV20EC013 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com For LGS TRUST (R)

BSSV

President

Signature of NGOKeyPerson

Mr. BG

ShivannaPresident, LGS Trustlgstrustindia@gmai

<u>l.com</u>

Ph:9448165040/9742942597

Ph:9448165040/9742942597

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder,ScoutsandGuides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwith the solution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides.

FOILGS TRUST (R)

Programme Manager NSS/NCC/Red Cross

Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centreharshas@lgstrust.com

Ph:9448165040/9880436959

Ph:9448165040/9742942597

Visvesvaraya Technological University

JnanaSangama, Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

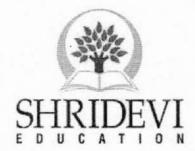
Submitted By

Ms. R M SUCHITRA [1SV20EC014]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. R M SUCHITRA bearing USN: 1SV20EC014 a bonafide student of Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed underthe directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide

Mr. RAGHAVENDRA D Asst.ProfessorDept

of ECE
· SIET-Tumakuru

Signature of HOD

Mr. Aijaz Ahamed Sharieff

HOD and Asst. Professor Dept of ECE SIET-Tumakuru Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

DECLARATION

I, Ms. R M SUCHITRA bearing the USN 1SV20EC014, student of 3rd Semester B.E. Department of Electronics and Communications Engineering, Shridevi Institute of Engineering and Technology, Tumakuru declare that the AICTE Activity Project work entitled "Agri Job Opportunities Platform in Rural Areas", has been duly executed by me under the guidance of LGS Social Innovation and Research Centre (An unit of LGS Trust) and Mr. RAGHAVENDRA D, AsstProfessor, Department of Electronics and Communications Engineering, Shridevi Institute of Engineering and Technology, Tumakuru. The Project report of the same is submitted in partial fulfilment of the requirement for the award of Bachelor of Engineering degree in Department of Electronics and Communications Engineering by Visvesvaraya Technological University, Belgaumduring they ear 2021-2022.

Date: 25-05-2022

Place:Tumakuru

Ms. R M SUCHITRA

1SV20EC014

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Ms. R M SUCHITRA

[1SV20EC014]

ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Project is executed in 2phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason for the existence of gap or differentiation between the agriculture labour and agriculture land owner is studied. The thinking process irrespective of right or wrong happened in the labour and owner segment has contributed to the today's complication in the Agri Labour segment. The government policies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical world with the necessary infrastructures.

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, ThePossible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- · 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

Aninitiative of LGSTRUST®

Ms. R M SUCHITRA

College:

SIET-Tumakuru

Course:

BE

Branch:

ECE

USN:

1SV20EC014

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u>

<u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u>

towards the "AICTEActivity Points Program" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShivanna

President

Harrial

Mr. HarshaS

Secretary

या. हा इंड

Mrs.B Kowsalya

Treasurer

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. R M SUCHITRA bearing USN:1SV20EC014 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com For LGS TRUST (R)

...

President

Signature of NGOKeyPerson

Mr. B G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

Ph:9448165040/9742942597 Ph:9448165040/9742942597

AnInitiativeof**LGSTrust**®
No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder, Scoutsand Guides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwiththesolution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides,

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross

Co-Ordinator

Signature of Red Cross Coordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research

Centreharshas@lgstrust.com

Ph:9448165040/9880436959

Ph:9448165040/9742942597

Visvesvaraya Technological University

JnanaSangama,Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Ms. RACHANA N [1SV20EC015]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum] SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. RACHANA N bearing USN: 1SV20EC015 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that alltheory/practicals/corrections/suggestions indicated for Activity Points have been executed underthe directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide

Mr. RAGHAVENDRA D Asst.ProfessorDept of ECE

SIET-Tumakuru

Signature of HOD

Mr. Aijaz Ahamed Sharieff

HOD and Asst. Professor Dept of ECE SIET-Tumakuru

SIET. TUMKUR.

Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Ms. RACHANA N

[1SV20EC015]

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours .
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Projectise xecuted in 2 phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason for the existence of gap or differentiation between the agriculture labour and agriculture land owners studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The government policies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

Aninitiative of LGSTRUST®

Ms. RACHANA N

College: S

SIET-Tumakuru

Course:

BE

Branch:

ECE

USN:

XXXXXXXXXXXXXXXXX

1SV20EC0015

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u>

Job1Opportunities Platform in Rural Areas" designed to award 20 ActivityPoints

towards the "AICTEActivity Points Program" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShivanna

President

Houshal

Mr. HarshaS

Secretary

या. हा है ज

Mrs.B Kowsalya

Treasurer

AnInitiativeofLGSTrust®

No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. PRATHIKSHA bearing USN:1SV20EC013 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com For LGS TRUST (R)

President

Signature of NGOKeyPerson

Mr. BG

ShivannaPresident, LGS Trustlgstrustindia@gmai

<u>l.com</u>

Ph:9448165040/9742942597

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder,ScoutsandGuides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwith the solution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides.

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross

· Co-Ordinator

Signature of Red Cross Coordinator

Mr.B.G.Shivanna

B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centre<u>harshas@lgstrust.com</u>

Ph:9448165040/9880436959

VisvesvarayaTechnologicalUniversity

JnanaSangama, Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Ms. S PAVITHRA [1SV20EC016]

UndertheGuidance of

Mrs. ROOPA T C
Asst.Professor
DepartmentofElectronicsandCommunicationsEngineering



ShriDeviInstituteofEngineeringandTechnology

[AffiliatedtoVisvesvarayaTechnologicalUniversity,Belgaum]
SiraRoad,NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

ShriDeviInstituteofEngineeringandTechnology

[AffiliatedtoVTU,Belgaum]

SiraRoad,NH-4,Maralenahalli,Tumakuru,Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform inRural Areas" carried out by Ms. S PAVITHRA bearing USN: 1SV20EC016 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed under the directions of Mrs. Roopa T C. The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide

Mrs. Roopa T C Asst.Professor Dept of ECE SIET-Tumakuru Signature of HOD

Mr. Aijaz Ahamed Sharieff HOD and Asst. Professor Dept of ECE SIET-Tumakuru Signature of Principal

Dr.NarendraViswanath
Principal
SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would becomplete only with the mention of the almighty God and the people who made it possible, whosereportrewardedtheeffortwithsuccessofproject presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providingusanopportunitytoenhance ourknowledge throughtheproject.

We express our since rethanks to Dr.NarendraViswanath, Principal, SIETTumakuru for providing us a nopportunity and means to present the project.

WeexpressourheartfullthankstoMr.AijazAhamedSharieff,AsstProfessorandHead,Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragementinourprojectwork,whosecooperationandguidancehelpedinnurturingthisprojectrep ort.

C.

Wewouldliketoexpressprofoundthankstotheprojectguide Mrs. Roopa T
ProjectheadandInternalGuide,DepartmentofElectronicsandCommunicationsEngineeringforthe
keeninterestand encouragementinourprojectpresentation.

We extend our thanks to the **LGS Social Resource and Research Center** for their effort andenduranceto bringoutthebest in us.

Finally, we would like to thank our family members and friends for standing with us through alltimes.

Ms. S PAVITHRA

[1SV20EC016]

ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job OpportunitiesintheAgriculturesegmentparticularlyinRuralAreas.TheProjectisexecutedin2phases, TheoreticalandPracticalPhase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason for the existence of gap or differentiation between the agriculture labour and agriculture land owner is studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The government policies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour—

owner is sue swere explored. Finally, the practically implementable solution in addressing such is sueswere elaborated in this project

InPracticalPhase,adatasurveyisconductedwith20individuals.Foreveryindividual,60questionsregar dingtheAgriLabourissue,Presentsolutions,itsineffectiveness,necessityofengineering solution were discussed. The survey is helping in analyzing the type of EngineeringSolutions needed to provide platform for the agri job opportunities in rural areas. The completeanalysisof 1200answers collected isrecordedalongwithphotos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	AgriJobOpportunitiesPlatforminRuralAreas
Project Category as per AICTEActivityPoints:	PreparinganActionableBusinessProposalforEnhan cingtheVillage Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2 phases. In each phase, these parated ynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, PresentSolutions,SuccessandFailureofPresentSolutions,ThePossibleSolutiontosolvesuchissues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40HoursofPracticalSurveyandGroundWorkwiththenearbyBeneficiaries
- 10HoursofReportWriting

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

Aninitiative of LGSTRUST®

Ms. S PAVITHRA

College: SIET-Tumakuru

Course: BE

Branch: ECE

USN:

1SV20EC0016

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY -2022

BSSVY.

Mr.BGShivanna

President

Houshal

Mr. HarshaS.

Secretary

या. इतिहा

Mrs.B Kowsalya

Treasurer

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. S PAVITHRA bearing USN:1SV20EC016 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS

LGS Social Innovation and Research Centrelgstrustindia@gmail.com For LGS TRUST (R)

BSSVY.

President

Signatureof NGOKeyPerson

Mr. B G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

Ph:9448165040/9742942597

 $An Initiative of \textbf{LGSTrust} \circledR \\ No.04,4 ^{th} Floor, Nagarabhavi 2 ^{nd} Stage,6 ^{th} Block, Bangalore -560072$



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder, Scoutsand Guides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwith the solution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides.

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross

Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centre<u>harshas@lgstrust.com</u>

Ph:9448165040/9880436959

Visvesvaraya Technological University

JnanaSangama, Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Ms. SHOBHA HUGAR [1SV20EC017]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

SiraRoad,NH-4,Maralenahalli,Tumakuru,Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform inRural Areas" carried out by Ms. SHOBHA HUGAR bearing USN: 1SV20EC017 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed under the directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide
Mr. RAGHAVENDRA D
Asst.ProfessorDept
of ECE

SIET-Tumakuru

Signature of HOD

Mr. Aijaz Ahamed Sharieff

HOD and Asst. Professor
Dept of ECE
SIET-Tumakuru

PRINCIPAL SIET, TUMKUR

Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would becomplete only with the mention of the almighty God and the people who made it possible, whosereportrewardedtheeffortwithsuccessofproject presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance ourknowledge throughtheproject.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head,Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance helpe during this project report.

We would like to express profound thanks to the project guide **Mrs. Roopa T C**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keeninterest and encouragementing our project presentation.

We extend our thanks to the LGS Social Resource and Research Center for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Ms. SHOBHA HUGAR

[1SV20EC017]

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Projectise xecuted in 2 phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason forthe existence of gap or differentiation between the agriculture labour and agriculture land owners studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The governmentpolicies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

College: SIET-Tumakuru

BE

Branch: ECE

Course:

Aninitiative of LGSTRUST®

Ms. SHOBHA HUGAR

USN:

1SV20EC0017

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShiyanna

President

Harshal

Mr. HarshaS

Secretary

या. मित्र

Mrs.B Kowsalya

Treasurer

AnInitiativeofLGSTrust®

No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. SHOBHA HUGAR bearing USN:1SV20EC017 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com

PGDFCS Mr. 1

Mr. B G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

President

Signature of NGOKeyPerson

For LGS TRUST (R)

Ph:9448165040/9742942597

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder, Scoutsand Guides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwith the solution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides.

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centre<u>harshas@lgstrust.com</u>

Ph:9448165040/9880436959

Visvesvaraya Technological University

JnanaSangama,Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Mr. YASHAS K R [1SV20EC018]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Mr. YASHAS K R bearing USN: 1SV20EC018 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of theVisvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that alltheory/practicals/corrections/suggestions indicated for Activity Points have been executed underthe directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide

Mr. RAGHAVENDRA D Asst.ProfessorDept of ECE

SİET-Tumakuru

Signature of HOD

Mr. Aijaz Ahamed Sharieff

HOD and Asst. Professor

Dept of ECE

SIET-Tumakuru

PRINCIPAL SIET. TUMKU

Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

DECLARATION

I, Mr. YASHAS K R bearing the USN 15V20EC018, student of 3rd Semester B.E. Department of Electronics and Communications Engineering, Shridevi Institute of Engineering and Technology, Tumakuru declare that the AICTE Activity Project work entitled "Agri Job Opportunities Platform in Rural Areas", has been duly executed by me under the guidance of LGS Social Innovation and Research Centre (An unit of LGS Trust) and Mr. RAGHAVENDRA D, AsstProfessor, Department of Electronics and Communications Engineering, Shridevi Institute of Engineering and Technology, Tumakuru. The Project report of the same is submitted in partialfulfilment of the requirement for the award of Bachelor of Engineering degree in Department of Electronics and Communications Engineering by Visvesvaraya Technological University, Belgaumduringtheyear 2021-2022.

Date: 25-05-2022

Place:Tumakuru

Mr. YASHAS K R

1SV20EC018

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the **LGS Social Resource and Research Center** for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Mr. YASHAS K R

[iSV20EC018]

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours) ·	(50Hours) .
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Projectise xecuted in 2 phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. Theexistence and origin of agriculture labour since the Ancient Period were analyzed. The reason forthe existence of gap or differentiation between the agriculture labour and agriculture land owneris studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The governmentpolicies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

Aninitiative of LGSTRUST®

Ms. YASHAS K R

College: SI

SIET-Tumakuru

Course:

BE

Branch:

ECE

USN:

1SV20EC018

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShivanna

President

Houshal

Mr. HarshaS

Secretary

थ. हाइल

Mrs.B Kowsalya

Treasurer

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Mr. YASHAS K R bearing USN:1SV20EC018 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com For LGS TRUST (R)

BSSWY.

President

Signature of NGOKeyPerson

Mr. B. G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

Ph:9448165040/9742942597

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder,ScoutsandGuides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwith the solution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides,

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross Co-Ordinator

Signature of Red Cross Coordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS M.Tech,PGDFCS LGS Social Innovation and Research Centre<u>harshas@lgstrust.com</u>

Ph:9448165040/9880436959

Visvesvaraya Technological University

JnanaSangama, Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

Submitted By

Ms. HARSHITHA U [1SV20EC019]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. HARSHITHA U bearing USN: 1SV20EC019 a bonafide studentof Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed under the directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide
Mr. RAGHAVENDRA D

Asst.ProfessorDept of ECE SIET-Tumakuru Signature of HOD

Mr. Aijaz Ahamed Sharieff HOD and Asst. Professor Dept of ECE

SIET-Tumakuru

PRINCIPAL SIET. TUMKUR.

Signature of Principal

Dr.NarendraViswanath

Principal SIET-Tumakuru

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the **LGS Social Resource and Research Center** for their effort and endurance to bring out the best in us.

Finally, we would like to thank our family members and friends for standing with us through all times.

Ms. HARSHITHA U

[1SV20EC019]

PROJECT FEATURES AND IMPLEMENTATION PLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProject:	20Points .

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Projectise xecuted in 2 phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason forthe existence of gap or differentiation between the agriculture labour and agriculture land owneris studied. The thinking process irrespective of right or wrong happened in the labour and ownersegment has contributed to the today's complication in the Agri Labour segment. The governmentpolicies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical worldwiththenecessaryinfrastructures.

NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

Aninitiative of LGSTRUST®

Ms. HARSHITHA U

College: SIE'

SIET-Tumakuru

Course:

BE

Branch:

ECE

USN:

1SV20EC0019

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u> towards the "<u>AICTEActivity Points Program</u>" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShivanna

President

Harrival

Mr. HarshaS

Secretary

या. मित्र

Mrs.B Kowsalya

Treasurer

AnInitiativeofLGSTrust®

 $No.04, 4^{th} Floor, Nagarabhavi 2^{nd} Stage, 6^{th} Block, Bangalore~-560072$



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Ms. HARSHITHA U bearing USN:1SV20EC019 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com

Ph:9448165040/9742942597

For LGS TRUST (R)

B884.

President

Signatureof NGOKeyPerson

Mr. B G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder, Scoutsand Guides Instructor

My suggestion was considered in creating the syllabus, conducting theory class – Survey – CaseStudyandPracticalSurveys.Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwith the solution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this projectto earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides.

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross

Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

Signature of NGOR esource Person

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centre<u>harshas@lgstrust.com</u>

Ph:9448165040/9880436959

Visvesvaraya Technological University

JnanaSangama, Belgavi-590018



AICTE ACTIVITY POINTS PROJECT REPORT

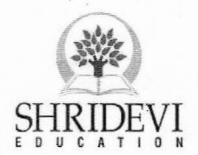
Submitted By

Mr. MANOJ [1SV21EC400]

Under the Guidance of

Mr.RAGHAVENDRA.D

Asst.Professor
Department of Electronics and Communications Engineering



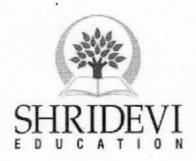
Shridevi Institute of Engineering and Technology

[Affiliated to Visvesvaraya Technological University,Belgaum]
SiraRoad, NH-4,Maralenahalli,Tumakuru,Karnataka-572106
2021-2022

Shridevi Institute of Engineering and Technology

[AffiliatedtoVTU,Belgaum]

Sira Road, NH-4, Maralenahalli, Tumakuru, Karnataka-572106



CERTIFICATE

Certified that the AICTE Activity Points Project entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Mr. MANOJ bearing USN: 1SV21EC400 a bonafide student of Shridevi Institute of Engineering and Technology, Tumakuru in partial fulfillment for theaward of Bachelor of Engineering in Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all theory/practicals/corrections/suggestions indicated for Activity Points have been executed under the directions of Mr. RAGHAVENDRA D The project report has been approved as it satisfies the academic requirements in respect of AICTE Activity Points prescribed for the said degree.

Signature of Guide Mr. RAGHAVENDRA D Asst.ProfessorDept of ECE

SIET-Tumakuru

Mr. Aijaz Ahamed Sharieff HOD and Asst. Professor Dept of ECE SIET-Tumakuru

Signature of HOD

PRINCIPAL SIET. TUMKUR.

Signature of Principal

Dr.NarendraViswanath
Principal
SIET-Tumakuru

DECLARATION

I, Mr. MANOJ bearing the USN 1SV21EC400, student of 3rd Semester B.E. Department of Electronics and Communications Engineering, Shridevi Institute of Engineering and Technology, Tumakuru declare that the AICTE Activity Project work entitled "Agri Job Opportunities Platform in Rural Areas", has been duly executed by me under the guidance of LGS Social Innovation and Research Centre (An unit of LGS Trust) and Mr. RAGHAVENDRA D, AsstProfessor, Department of Electronics and Communications Engineering, Shridevi Institute of Engineering and Technology, Tumakuru. The Project report of the same is submitted in partial fulfilment of the requirement for the award of Bachelor of Engineering degree in Department of Electronics and Communications Engineering by Visvesvaraya Technological University, Belgaumduring they ear 2021-2022.

Date: 25-05-2022

Place:Tumakuru

Mr. MANOJ

1SV21EC400

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of the project report which would be complete only with the mention of the almighty God and the people who made it possible, whose report rewarded the effort with success of project presentation

We are grateful to **Shridevi Institute of Engineering and Technology, Tumakuru** for providing us an opportunity to enhance our knowledge through the project.

We express our sincere thanks to **Dr.Narendra Viswanath**, Principal, SIET Tumakuru for providing us an opportunity and means to present the project.

We express our heartfull thanks to **Mr.AijazAhamedSharieff**, Asst Professor and Head, Department of Electronics and Communications Engineering, SIET-Tumakuru for encouragement in our project work, whose cooperation and guidance help during this project report.

We would like to express profound thanks to the project guide **Mr. RAGHAVENDRA D**, Project head and Internal Guide, Department of Electronics and Communications Engineering for the keen interest and encouragementing our project presentation.

We extend our thanks to the **LGS Social Resource and Research Center** for their effort and endurance to bring out the best in us. .

Finally, we would like to thank our family members and friends for standing with us through all times.

Mr. MANOI

[1SV21EC400]

ABSTRACT

The AICTE Activity Points project has the focus on applying engineering skills to solve the socialproblems existing in India. The project "Agri Job Opportunities Platform in Rural Areas" throws alight on possible opportunity for the engineering solution in the development of Job Opportunities in the Agriculture segment particularly in Rural Areas. The Project is executed in 2phases, Theoretical and Practical Phase.

In Theoretical Phase, the meaning of Labour, Labourer and its classification were studied. The existence and origin of agriculture labour since the Ancient Period were analyzed. The reason for the existence of gap or differentiation between the agriculture labour and agriculture land owner is studied. The thinking process irrespective of right or wrong happened in the labour and owner segment has contributed to the today's complication in the Agri Labour segment. The government policies supporting agri labourer and owner were studied. The gap existing in policies addressing the labour owner issues were explored. Finally, the practically implementable solution in addressing such issues were elaborated in this project.

In Practical Phase, a data survey is conducted with 20 individuals. Forevery individual, 60 questions regarding the Agri Labour issue, Present solutions, Its in effectiveness, necessity of engineering solution were discussed. The survey is helping in analyzing the type of Engineering Solutions needed to provide platform for the agri job opportunities in rural areas. The complete analysis of 1200 answers collected is recorded along with photos.

The Final probable solutions along with Financial, Legal and Beneficiary analysis to bridge the gapin agri jobs were discussed. This solution has a potential to be implemented in the Practical world with the necessary infrastructures.

PROJECTFEATURESANDIMPLEMENTATIONPLAN

ProjectName:	Agri Job Opportunities Platform in Rural Areas
Project Category as per AICTEActivityPoints:	Preparing an Actionable Business Proposal for Enhancing the Village Income
TotalHoursofInvolvement:	80Hours
TotalActivityPointEarnedbythisProje ct:	20Points

ImplementationPlan:

For the easiness of Implementation, the project was divided to 2phases. In each phase, the separate dynamics of the project was understood.

Phase-1details:

- 10 Hours of Theory Class understanding the Source of Problem, Features of Problem, Present Solutions, Successand Failure of Present Solutions, The Possible Solution to solve such issues
- 20HoursofCaseStudies,InterviewsandProblemAnalysis

Phase-2details:

- 40Hours of Practical Survey and Ground Work with the nearby Beneficiaries
- 10Hours of Report Writing

ImplementationPlanofProject for80Hours	
Phase-1	Phase -2
(30Hours)	(50Hours)
Theory-CaseStudy-Report	PracticalSurvey-Analysis-Report
UndertheLGSTrustMentorship	UndertheLGSTrustMentorship



NGODarpanId-KA/2020/0254433

GSTIN-29AABTL9441K1Z3

ProjectC ompletion

LGS Social Innovation and

ResearchCentre

College: SIET-Tumakuru

Course: BE

Branch: ECE

Aninitiative of LGSTRUST®

Ms. MANOJ

USN:

1SV21EC400

CertificateID:

455R03C4A01

for participating in a <u>80 Hours of Theory and Practical</u> on Project "<u>Agri</u> <u>Job1Opportunities Platform in Rural Areas</u>" designed to award <u>20 ActivityPoints</u>

towards the "AICTEActivity Points Program" from 01-Apr-2022to15- MAY -2022

BSSWY.

Mr.BGShivanna

President

Houshal

Mr. HarshaS

Secretary

या. मित्रा

Mrs.B Kowsalya

Treasurer

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" carried out by Mr. MANOJ bearing USN:1SV21EC400 and NGO Certificate IDAJR03C4A01 abonafide student of ShriDevi Institute of Engineering and Technology, Tumakuru in earning 20 AICTE Activity Points (80 Hours) for the AICTE Activity Points Project on the partial fulfillment for th total of award of Bachelor of Engineering in Department of Electronics and Communications Engineering of the Visvesvaraya Technological University, Belagavi during the year 2021-22.

It is certified that the student has participated in all the activities assigned by Centre that can impart knowledge on the project. It is also certified that student has involved in making the best model to help the society and solve the social problem related to the project. The Report written by the student about the completion of the project is found to be satisfactory in terms of AICTE rules on Activity Points Program. The project report has been approved as it satisfies the necessary requirements

For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS .M.Tech,PGDFCS LGS Social Innovation and Research Centrelgstrustindia@gmail.com For LGS TRUST (R)

President

Signature of NGOKeyPerson

Mr. B G
ShivannaPresident, LGS
Trustlgstrustindia@gmai
l.com

Ph:9448165040/9742942597

AnInitiativeof**LGSTrust**® No.04,4thFloor,Nagarabhavi2ndStage,6thBlock,Bangalore -560072



CERTIFICATE

Certified that the project work entitled "Agri Job Opportunities Platform in Rural Areas" wascarried out by "LGS Social Innovation and Research Centre, an initiative of LGS Trust" underthe guidance of Mr. B.G. Shivanna, a Red Cross Coordinator, NSS Coordinator, Himalaya WoodBadgeHolder, Scoutsand Guides Instructor

My suggestion was considered in creating the syllabus, conducting theory class - Survey - CaseStudyandPracticalSurveys. Theimplementationwasdoneasperthestandardstomakestudentsl earnthesocialproblems and come upwith the solution for the same.

The procedures followed by the LGS Social Innovation and Research Centre towards this project to earn 20 AICTE Activity Points for the student is satisfactory as per my experience in the RedCross-ScoutsandGuides.

For LGS TRUST (R)

Programme Manager NSS/NCC/Red Cross Co-Ordinator

SignatureofRedCrossCoordinator

Mr.B.G.Shivanna B.A.,M.P.Ed, RedCrossCoordinator For LGS TRUST (R)

Secretary

SignatureofNGOResourcePerson

Mr.HarshaS

M.Tech,PGDFCS LGS Social Innovation and Research Centreharshas@lgstrust.com

Ph:9448165040/9880436959