

SEED PROCESSING

A report

Submitted

*in partial fulfillment of the
requirements for the award of degree for*

Short term Internship

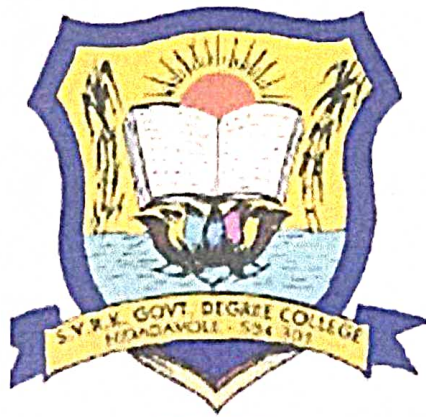
In

**BACHELOR OF COMMERCE
(COMPUTER APPLICATIONS)**

By

B. VENKATESH

Regd : 203648200003



SVRK GOVERNMENT DEGREE COLLEGE
NIDADAVOLE – 534301, EAST GODAVARI DISTRICT, A.P
Affiliated to ADI KAVI NANNAYYA UNIVERSITY
December 2022

PROGRAM BOOK FOR
SHORT-TERM INTERNSHIP
(Onsite / Virtual)

Name of the Student: D. Venkatesh

Name of the College: S.V.R.L. G.E.C (H) D.D.

Registration Number: 203648200003

Period of Internship: From: 16/9/22 To: 15/11/22

Name & Address of the Intern Organization: Sri Sitha Raman
Janeya Seed Process-
sing

AIKNU University

YEAR

2022-2023

An Internship Report on

Seed processing

(Title of the Internship)

Submitted in accordance with the requirement for the degree of

B. Com (Computers)

Under the Faculty Guideship of

B. S. Venugopal

(Name of the Faculty Guide)

Department of

Commer

(Name of the College)

S.V.R.L. G.D.C

Submitted by:

B. Denkalasth

(Name of the Student)

Reg.No: 90364820000 2

Department of

Commer

(Name of the College)

S.V.R.L. G.D.C

Student's Declaration

I, B. Venkatesh a student of III BCom (C.A)
Program, Reg. No. 20364820002 of the Department of Commess
College do hereby declare that I have completed the mandatory internship
from 16/9/22 to 15/11/22 in Soi, Sitha Ramangineya (Name of
the intern organization) under the Faculty Guideship of
_____ (Name of the Faculty Guide), Department of
Commess, S.V.R.L. "Cr. D.C. "D.d.d"
(Name of the College)

B. Venkatesh
(Signature and Date)

Official Certification

This is to certify that B. Venkatesh (Name of the student) Reg. No. 203648200003 has completed his/her Internship in Sri. Sitha Ramanujaniya Seed processing unit (Name of the Intern Organization) on Seed processing (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of B. Com (C.A) in the Department of S.V.R.L. G.D.C. Vadda (Name of the College).

This is accepted for evaluation.

(Signatory with Date and Seal)

Endorsements

Faculty Guide B.S. [Signature]
11/01/23

Head of the Department [Signature]
11/01/23

Principal

Acknowledgements

Firstly I thank the Lord almighty for giving me opportunity to carry out this by empowering my inner strength and courage.

We specially thank our Principal K. Jyothi for her suggestion and monitoring us through out the Project Period. It is my pleasure to express my inexpressible gratitude to my Guide D. R.

Venugopal Lecturer in Commerce in S.V.R.K College Add East Godavari district - 534301 for her valuable suggestions and for his great support through out my work.

My great support, heartfelt thanks to my friends and classmates who offered a great help in every step of my project.

My sincere thanks to S.V.R.K. C.D.C (Hd) for intimating their current update without shows their concern towards students.

Contents

- 1) what is seed Processing
 - 2) threshing and Re-cleaning
 - 3) Basic cleaning
 - 4) seed treatment . Packing and belling
 - 5) Health and safety in the Processing Plant
 - 6) selecting owning and managing seed -processing machine
- Conclusion .

Cell : 9440330701

☎ 08813 - 225307

SRI SITARAMANJANEYA BRAHMANAGUDEM FARMERS SEED SOCIETY LTD.,



Regd. No. WR564

President : *Pichhikala Venkata Ramakrishna*

BRAHMANAGUDEM - 534 301, Chagallu Mandal, W.G.Dist. A.P.



Ref:

Date :

TO WHOM IT MAY CONCERN

This is to certify that Mr. B. Venkatesh, S/O B. Surya Chandram, bearing Reg.No. 203648200003, a student of Bachelor of Commerce (B.Com (Computer Applications)), SVRK Government Degree College, Nidadavole, E.G.Dt, has successfully completed two months internship program in the field of Seed Processing, under my supervision from 16-09-2022 to 15-11-2022.

During his tenure, we found him active and competent in executing all the tasks that were assigned to him. He was found to be punctual, hardworking and inquisitive and his services were found to be satisfactory during his internship period.

We wish him success in his future endeavours....

Sri Sitaramanjaneya Brahmanagudem
Farmers Seed Co-operative Society Ltd

P. V. Ramakrishna
President

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Principle of seed Processing	Goos completely in the subject and Comparative evidence on development of seed	B. Venkatesh
Day - 2	Properties of Good seeds.	Discuss factors that influence germination.	B. Venkatesh
Day - 3	Benefits of seed Processing	Improves visual appearance. Reduces seed rate	B. Venkatesh
Day - 4	Drying	Describe different how the environment influence dehydration system	B. Venkatesh
Day - 5	Cleaning	Student will learn how the environment affect growth and yield	B. Venkatesh
Day - 6	Types of machines used in seed processing	Cleaner, calibrator, huller, pre-cleaner, etc. and separator	B. Venkatesh

B. Venkatesh

Principle of seed processing:-

The Principal operations in seed processing plant are reception, drying, cleaning and grading, treatment and exighing. Packaging and storage, Seed Processing begins with reception of the raw seed at the Processing Plant.

Seed Processing is a vital part of the total technology involved in making available high quality seed. It assures the end users seeds of high quality with minimum adulteration. In Agriculture, the term seed processing includes cleaning, drying, seed treatment, Packaging and storage.

Seed Processing means cleaning operation that In this process the seed that is produced is going to be used.

Properties of Good Seed:-

A seedling is a young sporophyte developing out of a plant embryo from a seed. seedling development starts with germination of the seed. A Typical young seedling consists of three main parts

- (i) radicle
- (ii) hypocotyl
- (iii) flowering plants

distinguish by their number's of seed leaves. monocotyledons have blade shaped. cotyledons whereas dicotyledons possess two round cotyledons. Gymnosperms are more varied. For example Pine seedling have up to eight cotyledons at all. These are said to be acotyledons. The plumule is the seedling part of a seed embryo that develops into the shoot bearing the first true leaves. The plumule is a small conical structure.

Benefits of seed processing

seed processing is the preparation of harvested seed for marketing to form size grading, treatment quality testing, packaging and labelling.

seed lots received from the field are often at high moisture content and contain trash and other material weed seed deteriorated and damaged seeds. off size seeds. the processing of seed is necessary in order to dry the seeds to safe moisture level. remove or reduce to the extent possible the various undesirable material weed seeds other crop seeds. deteriorated or damaged seeds.

Benefits

A part from enhanced purity, health and germination well, cleaned and good quality seeds have other benefits, all of which quality increase

their market value, improved visual appearance, reduced seed rate, uniform emergence and crop stand high yield and long shelf life.

* Drying

The process of elimination of moisture from the seed is called drying. seed drying should reduce the seed moisture content to safe moisture limits to maintain its viability and vigour during storage, which may otherwise deteriorate quickly owing to mould growth, heating and enhanced microbial activity. seed drying also permits early harvesting. long term storage of seeds, more efficient use of land and term storage of mangroves the climate and method of harvesting adopted the threshed seed may or may not be dry enough for safe storage under further drying.

methods of Drying:-

traditional sundrying / physical drying
/ natural drying.

mechanical / artificial drying.

* cleaning

Basic seed cleaning refers to actual cleaning and grading of seeds. Unlike pre-cleaning (pre-cleaning / pre-conditioning), which may or may not be required basic seed cleaning is an essential process in the seed cleaning operations. many kinds of seeds cleaning can be completely cleaned and made into a finished product by basic cleaning. In other instances however. further separations to remove specific contaminants may be necessary or desirable, regardless of whether further specific separations are made or are not made. basic seed cleaning for every lot is invariably done.

* principle of cleaning

the separation of undesirable material and seeds from desirable seeds in an air screen machine is done on the basis of

* Types of machines used in seed processing

* ① Indent cylinder - this helps to separate seeds according to the length. the equipment consists of a slightly inclined horizontal rotating cylinder and a movable separating trough. the 'inside surface' has small closely spaced hemispherical indentations. small closely spaced indentations in the cylinder are removed by centrifugal force and can be removed.

② magnetic separator

the magnetic separator separates seed according to its surface texture or related seed characteristics. First seed is treated with iron filings, which adhere to rough surface alone. the treated seed lot is passed over a revolving magnetic drum and separated from smooth, uncoated seed, it may help to add varied amounts of water

while mixing seed and Dowelex, depending on the seed type.

③ separating seed by colour:- the colour sorter uses an electronic eye that can pick up different colour according to the way the machine is adjusted. As seed falls down a shoot, it passes through the electric eye.

④ Liquid flotation cleaning. Liquid flotation relies on the principle that the density of the seed of a given species is specific both for filled and ill filled seed that method. liquids with a density or specific gravity between that of the full and empty seed are used.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Threshing	Threshing is the in which lower components of the mixture	BS
Day - 2	manual threshing	The common method for manual threshing is hand beating	BS
Day - 3	Animal powered threshing	Students will understand the factors affecting the need for	BS
Day - 4	machine threshing	which mechanized the separation of grain from and chaff	BS
Day - 5	Pre - cleaning	explain types of liquid waste and disposal methods	BS
Day - 6	winnowing	explain the types of liquid waste and classify solid waste disposal method.	BS

winnowing :-

winnowing is a process by which chaff is separated from grain. It can also be used to remove pests from stored grain. winnowing usually follows threshing. In winnowing, the moisture in the grain is blown into the air so that the wind blows away the lighter chaff, while the heavier grains fall back down for recovery. Techniques included using a winnowing fan or using a tool on a pile of harvested grain.

* manual threshing :-

the Common method for manual threshing is hand seating against an object, threshing, or by holding the crop against a rotating drum with spikes or rasp bars. Hand beating methods are normally used for threshing rice that easily shatters.

* Animal Powerd Threshing:-

This involves the use of the bare feet or animals to thresh the crop. The crop is spread over a mat or canvas and workers trample with their own feet or use their animals. Animal treading or Hoampling is normally carried out at a designated location near the field or in the Village.

Threshing machine:-

A threshing machine or a thresher is a piece of farm equipment that threshes grain, that is, it removes the seed from the stalks and husks. It does this by beating the plant to make the seeds fall out.

Before such machines were developed, threshing was done by hand with flails. Such hand threshing was very laborious and time-consuming, taking about one-quarter of agricultural labour by the 18th century. Mechanization of this process removed a substantial amount of drudgery from farm labour. The first threshing machine was invented circa 1780 by the Scottish engineer Andrew Meikle, and the subsequent

Pre-cleaning:-

The first stage of cleaning is to remove loose debris and substances from the contaminated surface you're cleaning. You can do this by wiping with a disposable towel, sweeping, or rinsing. The aim is to remove as much loose debris as possible to prepare the area for the next stage of cleaning.

Threshing:-

This involves the use of bare feet or animals, to thresh. The coop. threshing is the process of separation of grain from the stalks on which it develops and from the chaff or unit that covers it. In the process, the edible part is done after harvesting and before winnowing.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Air-screen-cleanser	This is the most important machine of every cleaning plant	B. Sund
Day - 2	Adjustment and maintenance of air-screen-cleanser	This is the most important machine of every cleaning plant	B. Sund
Day - 3	Other basic Seed equipment in the processing plant	Identify the process of growth and development to a plant	B. Sund
Day - 4	Feed a intake hopper	Feeding practice for loading and getting crows	B. Sund
Day - 5	Bucket elevator	Easy time separation Steady functioning	B. Sund
Day - 6	Holding Bine	Solid waste management being from saw to waste	B. Sund

Air - screen - cleaner:-

Air Screen cleaner Cum grader.

The air screen machine is the basic cleaner in most seed processing plants. Almost all seed must be cleaned by air screen cleaner before specific specifications. From small, two screen from models to large industrial seed cleaners with 78 screens.

* Adjustment and maintenance of air:-

A seed drill is a device used in agriculture that sows seeds for crops by positioning them in the soil and burying them to a specific depth while being dragged by a tractor, this ensures that seeds will be distributed evenly.

The seed drill sows the seeds at the proper seeding rate and depth, ensuring that from being eaten by birds and animals, or being eaten dried up due to exposure to the sun, with seed drill machines, seeds are distributed in rows, this allows plants to get sufficient sunlight, nutrients and water from the soil.

Other basic seed equipment in the processing Plants :-

- ⇒ Idented cylinder this helps to separe seeds according to the length.
- ⇒ magnetic separator the magnetic separator separates seed according to it's surface texture or related seed characterstics.
- ⇒ Friction cleaning.
- ⇒ spiral separator.
- ⇒ liquid flotation.

* Hopper:-

A hopper is a long. Pyramidal or cone shaped container used in industrial process to hold particulate matter or flow. able material of any sort and dispense these from the bottom when needed. In some specialized applications even small metal or plastic assembly components can be loaded and dispensed by small hopper systems. In the case of dust collection hoppers the dust can be collected from expelled air. Hoppers for dust collection are often installed in groups to allow for a greater collection. Quantity.

Bucket elevator:-

A Bucket elevator also called a grain leg is mechanism for hauling flowable bulk materials vertically.

It consists of :-

- Buckets to contain the material.
- A belt to carry the bucket. and transmit the pull.
- means to drive the belt.
- Accessories. for loading the discharge -d material for maintaining the belt tension and for enclosing and protecting the elevator.

A bucket elevator can elevator a variety of bulk material from light to heavy and from fine to large lumps.

Holding:-

An agriculture holding or farm is a single unit, both technically and economically, operating under a single management and which undertakes economic activities in agriculture within the economic territory of the European Union. Whether as its primary or secondary activity, the holding may also provide other supplementary products and services.

It is single unit both technically and Economically. In general this is indicated by a common use of labour and means of production.

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Idented Cylinder	This Ident cylinder is used from grading by all grades	B. S. S.
Day - 2	Gravity Separator	Gravity Separation is the primary of removal system	B. S. S.
Day - 3	Spiral Separation	Spiral Separator are used in the Steel industry	B. S. S.
Day - 4	Disc - Separation	Compact designed Small engine used for installation	B. S. S.
Day - 5	electromagnetic machine	equipment is available for use hazardous environment	B. S. S.
Day - 6	Colour Sorting machine	Start with learning to sort by colour and then move onto	B. S. S.

Idented Cylinder:-

all over the world, the Cimbría identified Cylinder apparatus have been elevated and are operating successfully. A large number of worldwide Patents. Justify high research and development expenditure and indicate the high technological standards of this equipment and machines.

Cimbría - manufactures machines in series production which enables.

Cimbría to guarantee short delivery Times. Before each machine is delivered it must pass several specific quality Controls. to ensure the highest quality standard and a long service life.

the identified cylinder is used for growth.

Gravity Separator :-

Gravity Separation. is an industrial method of separating two components. Either a suspension, or dry, granular mixture where separating the components with gravity is mixture have different specific weights. All of the gravitational methods are common in the sense that they all use gravity as dominant force one type of gravity separator lifts the material by vacuum over an inclined vibrating lift screen overed deck. This results in the material being suspended in air while the heavier impurities are left behind on the

* Spiral separator :-

The term spiral separator can refer to either a device for separating slurry components by density or for a device for sating Particulas by shape.

Wet spiral separator :-

Spiral separators of the wet type, also called spiral concentrators, are devices to separate solid components in a slurry, based up on a combination of the solid particles density as well as the particle hydrodynamic properties. The device consists of a tower around which is wound a sluice from which slots of channels are placed in the base of the sluice to extract solid particles that have come out of suspension.

Disc - Separator :-

The disc stack separator is also called disc separator. It is a device that rapidly separates solid and liquid through high speed centrifugal force. The dial is also called disc centrifuge or conical plate centrifuge which has other commonly known as discs which are used for centrifugal sedimentation. The suspension to be processed enters the bowl of the disc separator through the feed pipe.

Colour sorting machine:-

Rice Processing begins in a mill plant, where the harvested grains pass through a production line where the paddy is boiled, dried, stored, de-husked, hulled and shelled into rice. If there is taken to the redox sorting machine at this point, the rice mixture will travel by elevator belt into a hopper. On top of the machine from which it will flow so that they magnet the camera detects any colour defects the camera instructs the defect's any colour defects machine to open the nozzle.

Sorting machine separator:-

Rice Processing begins in a milling Plant, where the harvested grains, Pass through a production, time where the Paddy is boiled, dried, de stoned, de husked, hulled and shelled into rice. It then is taken to the colour sort machine. At this Point, the rice mixture will travel by elevator belt into a hopper on top of the machine. From which it will flow down along chutes in the good sorter, streaming their flow so that they may be scanned by CCD sensors. The moment the Camera detects any colour defects. Camera instructs sections filled in the machine to open the nozzle. The nozzle is connected to valves.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Benefits of Seed treatment	Improve germination on controls soil in seeds	BSund
Day - 2	Precautions in seed treatment	the seeds used for sowing should be healthy and free from	BSund
Day - 3	method of chemical application	on ability to employ critical thinking seedling agent	BSund
Day - 4	Seed treatment equipment	labelling absolute professionals to communicate with one other	BSund
Day - 5	labelling	Protects germination protecting seed and seedling against soil and seedling	BSund
Day - 6	Packaging	edit the relationship between packaging design and the user	BSund

horticulture, a seed treatment is any additional material added to the seed. by the amount of material added, it - can be divided into.

→ Seed dressing:- Typically containing a Protection applied to the seed and possibly some colour.

→ Seed coating:- a layer of thin film applied to the seed typically less than 10% of the mass. but thickness is still discernible.

→ Seed encasing:- where the applied material is typically 100% - 500% of the original seed mass, but the shape is still discernible.

→ Seed Pelleting:- where the applied material is so thick that the seeds original shape is not discernible.

Precautions of seed:-

Seed Companies produce and sell seeds for flowers, fruits, and vegetables to commercial growers and amateur gardeners. The production of seed is a multi-billion-dollar business, which uses growing sites and growing locations worldwide, while most of the seed is produced by large specialty growers. Large amounts are also produced by small growers that produce only one or two crop types for the large markets. Wholesalers, resellers, and wholesalers sell to vegetable and fruit growers and companies, who package seed in packets and sell them on to the amateur gardeners.

Methods of chemical Applications:-

In a scientific sense, a chemical process is a method or means of somehow changing one or more chemicals or chemical compounds such a chemical process can occur by itself or be caused by an outside force and involves a chemical reaction of some sort. In an Engineering sense a chemical reaction process is a method intended to be used manufacturing or on an industrial scale for the composition of chemical or materials using technology similar or related to used in chemical plants, or, two chemical industry.

Neither of these definitions are exact in the use that can always tell definitively what a chemical

Agriculture and horticulture, a seed treatment any additional material added to the seed, by amount of material added, it can be decided.

For formulations with pesticides, direct application to seeds can be environmentally more anding as the amounts used can be very small;

Colours makes Treated seedless attractive birds, and easier to see and clean up the case of an accidental spoilage.

A thick Coating can improve handling, by or by machine thinner Coatings may help with characteristics. like flowability like Coatings may accomodate additional Featash as fertilizers, Plant hormones plant, microbial microbes, and water retaining polymers

labelling or using label is describing
someone or something in a word or short
phrase for example label criminal may
be used. To describe someone has broken
a law labelling theory is a theory
which ascribe labelling of people to
control identification of deviant behaviour.
It has argued that labelling is necessary
for punishment. However the use of
the term is often ended to highlight
the fact that label is a stigmatisation
applied from the outside rather than
something intrinsic to the labelled thing.
Can be done for several reasons.

Packaging is the science, art and technology of sing or protecting products for distribution, storage, sale, and use. Packaging also refers to the of designing, evaluation, and producing packages. Packaging can be described as a coordinated system of separating goods for transport, warehousing, storage, sale, and end use. Packaging contains, preserves, transports, informs and sells. In countries labeling or labelling is any written electronic or graphic communications on the package or on a separate but associated label.

The first packages used the material available at the times: baskets of reeds, skins, wooden boxes, pottery vases, ceramic jars, wooden barrels, woven bags, etc.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Benefits of using seed machinery	machine learning will automatic job! most people could only one paper	BS
Day - 2	operator training	Training out comes one measurable goal are expect	BS
Day - 3	tools	Disrupt measure machine home work post mail	BS
Day - 4	records	Training assist and compliance home been more streamlined	BS
Day - 5	House keeping	to perform cleaning particles most effectively	BS
Day - 6	Dust Collection and Control	A dust collection more dust goes and chemical air.	BS

kits of seed machinery:-

drill machine a farm equipment used to seeds to a certain depth and distanced in soil for cultivating crops.

here saving
quality out put
less manual & Redundant efforts,
highly cost effective
works best even in challenging weather.
environment friendly.

Agricultural equipment operator handles machinery used agriculture, mainly tractors. Combine harvesters were corn harvesters, etc their job is used at it the open. on agriculture goods. A part am operating the machines, they are also in of maintenance and troubleshooting, this channels, knowledge skill, and machine operating capability.

Enrolling into this course enables you to acquire that knowledge and upon finishing you will be able to operate on these machines successfully. Academic offers, you knowledge. you world standards.

Seed records has been the of multiple record labels.

A london based record label also named seed cords was setup in 2000 by Rich Boeven and Dobesty of artists who released music on independent Sussor miners, thrdisson, Kansas Prophet's, the Doubtful Guest, Digital, and, Posthuman.

Posthuman also promoted a series of events called seed show cases, including underground hold in the disused underground Aldwych tube station. Artists that Coldtrap. Richard X, Plaid. Ue Ribert, + Rex wecheweise, Funistray, mark xx. and many more

these is no 13th release in the label catalogue.

- hand cultivator
- borrow
- spade
- seateurs
- hand towels
- garden fork
- sprith legs
- rake
- pituning saw
- spray pumps
- gross shears
- budding and greating knives
- Combene or Combine Harvesters.
- Rotavator or Rotary tiller
- Plough or Plaes
- tractor trailers
- Power harrow

House keeping:-

House keeping is the management and routine support activities of running an organised physical institution occupied or used by people, like a house ship, hospital or factory, such as typing, cleaning, cooking, routine maintenance, shopping, and bill payment, these tasks may be performed by members of the household, or by persons hired for the purpose. This is a more broad role than a cleaner, who is focused only on the cleaning aspect, the is also used to shelter or lodging, such as nautical messes, boarding houses, dormitories, hospital and prisons.

Dust Collection and Control:-

A dust collection system is an air quality improvement system used in industrial, commercial, and home production shops to improve and safety by removing particulate matter from the air and environment. Dust Collection systems work on the basic formula of capture, convey and collect.

First, the dust must be captured or extracted. This is accomplished with devices such as capture hoods to catch dust at its source of origin. Many times, the machine producing the dust will have a port to which can be directly attached.

ACTIVITY LOG FOR THE SEVENTH AND EIGHTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Record working	Complete	B. Sum
Day - 2	Record working	Complete	B. Sum
Day - 3	Record working	Complete	B. Sum
Day - 4	Record working	Complete	B. Sum
Day - 5	Record working	Complete	B. Sum
Day - 6	Record working.	Complete.	B. Sum

Student Self Evaluation of the Short-Term Internship

Student Name: B. Venkatesh	Registration No: 203648200002
Term of Internship: short term	From: 16/09/22 To: 15/11/22
Date of Evaluation:	
Organization Name & Address: Sri Satha Rana Saneeya seed processing unit	

Please rate your performance in the following areas:

Rating Scale: Letter grade of CGPA calculation to be provided

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date: 17/11/22

Signature of the Student

B. Venkatesh

Evaluation by the Supervisor of the Intern Organization

Student Name: R. Venkatesh

Registration No: 20364810003

Term of Internship: about From: 16/9/22
term

To: 12/11/22

Date of Evaluation:

Organization Name & Address: Sri Sriha Ramanagaya seed Project
unit.

Name & Address of the Supervisor
with Mobile Number

Please rate the student's performance in the following areas:

Please note that your evaluation shall be done independent of the Student's self-evaluation

Rating Scale: 1 is lowest and 5 is highest rank

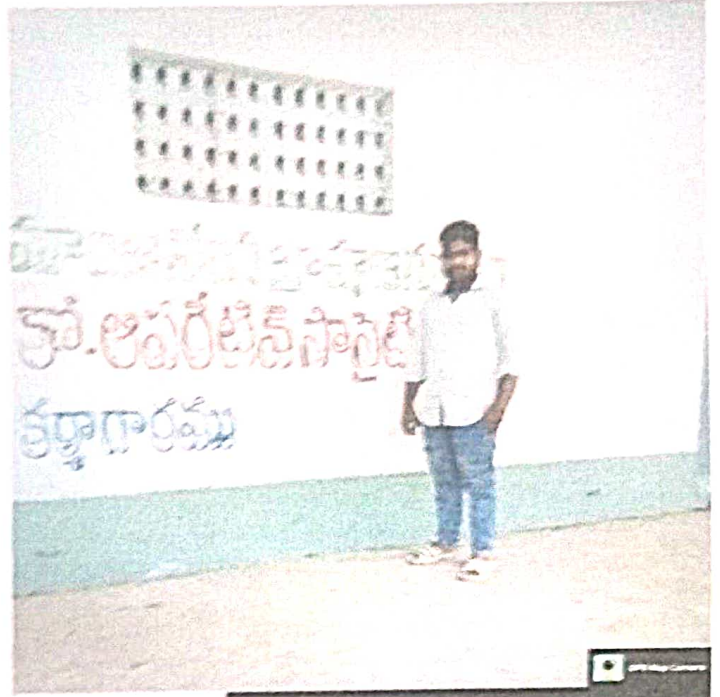
1	Oral communication	1	2	3	4	(5)
2	Written communication	1	2	3	(4)	5
3	Proactiveness	1	2	3	4	(5)
4	Interaction ability with community	1	2	3	4	(5)
5	Positive Attitude	1	2	3	4	(5)
6	Self-confidence	1	2	3	4	(5)
7	Ability to learn	1	2	3	(4)	5
8	Work Plan and organization	1	2	3	4	(5)
9	Professionalism	1	2	3	4	(5)
10	Creativity	1	2	3	4	(5)
11	Quality of work done	1	2	3	4	(5)
12	Time Management	1	2	3	(4)	5
13	Understanding the Community	1	2	3	4	(5)
14	Achievement of Desired Outcomes	1	2	3	4	(5)
15	OVERALL PERFORMANCE	1	2	3	4	(5)

Date: 17/11/22

B. S. S. S. 11/10/23
Signature of the Supervisor



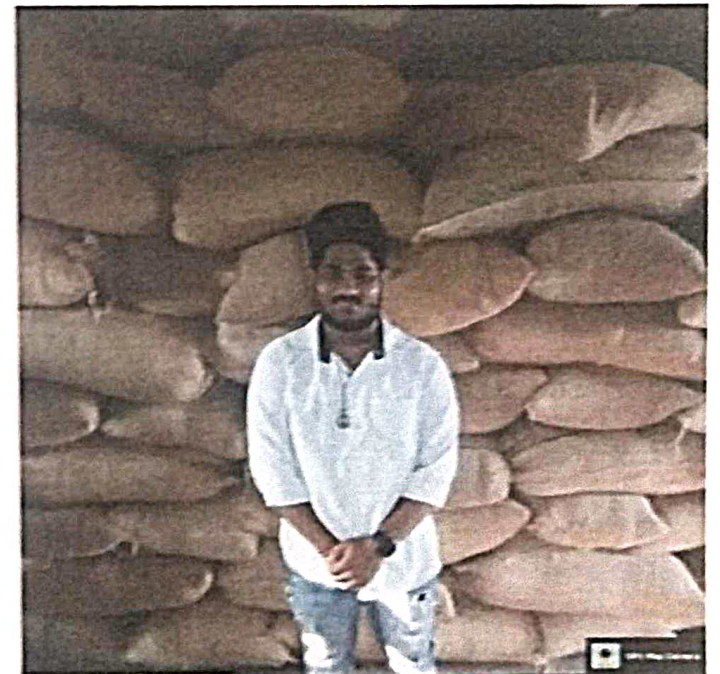
Nidadavole, Andhra Pradesh, India
 Unnamed Road, Nidadavole, Andhra Pradesh
 534301, India
 Lat 16.918684°
 Long 81.678323°
 01/10/22 10:53 AM



Nidadavole, Andhra Pradesh, India
 Unnamed Road, Nidadavole, Andhra Pradesh
 534301, India
 Lat 16.918728°
 Long 81.678378°
 28/09/22 03:20 PM



Nidadavole, Andhra Pradesh, India
 Unnamed Road, Nidadavole, Andhra Pradesh
 534301, India
 Lat 16.918675°
 Long 81.678336°
 01/10/22 10:53 AM



Nidadavole, Andhra Pradesh, India
 Unnamed Road, Nidadavole, Andhra Pradesh
 534301, India
 Lat 16.918694°
 Long 81.678343°
 30/09/22 11:46 AM

ANDHRA PRADESH STATE SEED CERTIFICATION AUTHORITY

GUNTUR

Sl. No. P 40/15 Date 01-01-2022

**SEED PROCESSING UNIT
RENEWAL CERTIFICATE**

The Authorization of Seed Processing Unit bearing Code No. 1472(1)
 Pertaining to Shri. S. S. Srinivasulu Reddy Bramanagundam Farmers Seed Society Ltd.
 Located in the Premises of Bramanagundam
 at Door No./By No. 470/2 Locality/Village Bramanagundam
 Mandal Nellore District West Godavari is
 hereby renewed upto 31st December, 2022.

Sr. Seed Certification Officer
Division TA. Nellore

**OFFICE OF THE DIRECTOR
ANDHRA PRADESH STATE SEED CERTIFICATION AUTHORITY
HYDERABAD - 500 001**

No. SE-4/PT-15/2016-17 Dated 25.01.2017

PROCEEDINGS

Task: APSCA Authorisation for Processing Plant: Assessment of Code
 Ref: 17 No. SE-4/PT-15/2016-17 dt. 28.07.2017 of the SDC, 17 No. SE-4/PT-15/2016-17 dt. 28.07.2017 of the SDC, 17 No. SE-4/PT-15/2016-17 dt. 28.07.2017 of the SDC
 Subject: Authorisation for Processing Plant

Authorisation is hereby granted to Shri. S. S. Srinivasulu Reddy Bramanagundam Farmers Seed Society Ltd. Bramanagundam, Chagallat M. W. A. Dist. for undertaking processing, cleaning and storage of Certified Seed Lots, duly storing Code Number as detailed below, subject to the following terms and conditions:

1. Comply with the norms stipulated by concerned Pollution / Municipality / Gram Panchayat.
2. The Firm is responsible to obtain relevant clearances from the concerned agencies and shall comply with the relevant norms issued thereon.
3. Should possess all the Machinery / Equipment in working condition to get the (Check list submitted).
4. Shall allow authorised person of the Agency to access without prior intimation.
5. The firm shall submit report by authorised person to inspect all aspects of the processing plant and seed lots.
6. The holder of the authorisation shall comply to the provisions of Seed Act, Seed Rules and directions issued from time-to-time there under.
7. Issuance of Seed Lot.
8. The Processing Plant is personally inspected and certified by the concerned SDC for authorisation.

NAME OF THE PROCESSING PLANT	CODE NO. ASSIGNED	PERIOD OF VALIDITY
<u>Shri. S. S. Srinivasulu Reddy Bramanagundam Farmers Seed Society Ltd. Bramanagundam, Chagallat M. W. A. Dist.</u>	<u>1472(1)</u>	<u>31.12.2022</u>

The SDC, Nellore, is authorised to indicate the above assigned Code in the relevant certificate.

**DIRECTOR
APSCA-HYDERABAD**

To:
 The SDC, Nellore
 1 copy to SDC, Guntur
 Copy to Shri. S. S. Srinivasulu Reddy Bramanagundam Farmers Seed Society Ltd. Bramanagundam, Chagallat M. W. A. Dist.

THICKNESS SETTING									
Sr. No.	Material	Vol.	Thk.	Rank	Sr. No.	Material	Vol.	Thk.	Rank
1	Barley	B	220		8	Gram Solid	C	350	4%
2	Corn	B	312	Upto 22%	9	Peas	C	375	
			320	Over 22%	10	Soyabean	B	312	-4.8%
					11	Groundnut	28g	375	-8.5%
					12	Mustard	C	342	19.6%
3	Paddy				13	Onion	A	475	-2.5%
	i) Long Grain	B	325		14	Tomato	25g	475	
	ii) Field Run	B	300		15	Turnip	25g	500	
	iii) Short Grain	B	338		16	Coffee Beans	A	425	
	Milled Rice				17	Common Seed	30g	400	
	i) Long Grain	A	462		18	Oats	30g	400	
	ii) Short Grain	A	462		19	Starch (Maize)	30g	400	+1%
	iii) Parboiled	A	438		20	Wheat	B	360	-3.8%
5	Sorghums	B	262	+1%	21		C	438	0.6%
6	Wheat	A	462		22		C	438	0.6%
7	Black Gram	A	462	+1.5%	23		C	438	0.6%

శ్రీ సీతారామాంజనేయ బ్రాహ్మణగురూ

ఫార్మర్స్ సీడ్ కో - ఆపరేటివ్ సొసైటీ

Reg No. W.G. 564, బ్రాహ్మణగురూ, పశ్చిమగోదావరి జిల్లా

ప్రధానం: పిచ్చకల చెంకపరాడుకర్లు, ప్రధానం: గద్దమని రామకృష్ణ

ప్రతిష్ట: 1. తాచంట శ్రీనివాస్, 2. గుడ్లవరపు సీతారాముడు, 3. సుంకవర్తి సుందర్

సభ్యులు: 1. గారపాటి శ్రీనివాస్, 2. గద్ద గోవిందరాజు, 3. గారపాటి బాస్కరాజు

4. టొమ్మేటి జగన్నాథ్ రావు, 5. టొమ్మేటి తిరుమలరాజు, 6. నందిగం సత్యనారాయణ

7. కందిపూడి వీరవెంకట సత్యనారాయణ, 8. చంద్రవర్తి వరప్రసాద్

9. సుంకవర్తి సాయి రేపారావు, 10. బుద్ధా వీరాజు, 11. కుకునూరి బుద్ధరాజు

12. నందిగం రామసుబ్బారావు, 13. పిచ్చకల నారాయణ రావు

Skill India
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**Ministry of Agriculture & Farmers Welfare
Government of India**

Certificate

This is to certify that

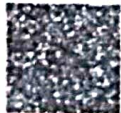
Mr. Pachigolla Rama Krishna S/O Pachigolla Satyam
 has successfully cleared the assessment for the role of
Quality Seed Grower (QP No. - AGR/Q7101)
 conforming to National Skill Qualifications Framework Level-4



Issued by: Mr. Sanjeev Arora
 Institution Name: ASCI
 Signature: Mr. Sanjeev Arora

ASCI
Agriculture Skill Council of India

Date of Issuance: 30-05-2017
 System Identification Number: 436441345305472192



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SHORTTERM INTERNSHIP LINKS

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EVALUATION

Internal Evaluation for Short Term Internship (On-site/Virtual)

Objectives:

- To integrate theory and practice.
- To learn to appreciate work and its function towards the future.
- To develop work habits and attitudes necessary for job success.
- To develop communication, interpersonal and other critical skills in the future job.
- To acquire additional skills required for the world of work.

Assessment Model:

- There shall only be internal evaluation.
- The Faculty Guide assigned is in-charge of the learning activities of the students and for the comprehensive and continuous assessment of the students.
- The assessment is to be conducted for 100 marks.
- The number of credits assigned is 4. Later the marks shall be converted into grades and grade points to include finally in the SGPA and CGPA.
- The weightings shall be:
 - Activity Log 25 marks
 - Internship Evaluation 50marks
 - Oral Presentation 25 marks
- Activity Log is the record of the day-to-day activities. The Activity Log is assessed on an individual basis, thus allowing for individual members within groups to be assessed this way. The assessment will take into consideration the individual student's involvement in the assigned work.
- While evaluating the student's Activity Log, the following shall be considered -
 - a. The individual student's effort and commitment.
 - b. The originality and quality of the work produced by the individual student.
 - c. The student's integration and co-operation with the work assigned.
 - d. The completeness of the Activity Log.
- The Internship Evaluation shall include the following components and based on Weekly Reports and Outcomes Description
 - a. Description of the Work Environment.

- b. Real Time Technical Skills acquired.
- c. Managerial Skills acquired.
- d. Improvement of Communication Skills.
- e. Team Dynamics
- f. Technological Developments recorded.

MARKS STATEMENT
(To be used by the Examiners)

INTERNAL ASSESSMENT STATEMENT

Name Of the Student: B. Venkatesh

Programme of Study:

Year of Study: 2022 B.com(C.A)

Group: B.com(CA)

Register No/H.T. No: 20364320003

Name of the College: S.V.R.K. G.D.G. NDD

University: A.K.N.U. Adikavi Nannaya University

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	25	
2.	Internship Evaluation	50	
3.	Oral Presentation	25	
	GRAND TOTAL	100	

Date:

Signature of the Faculty Guide

Certified by

Date:

Signature of the Head of the Department/Principal

Seal:

Signature of evaluation Committee.

1)

2) S. K. S. S.

3) M. V. Kalyan