



S.T.S.N. GOVT. DEGREE COLLEGE

KADIRI - 515591

Sri Sathya Sai Dist. - A.P.

BEST PRACTICES OBSERVED IN THE COLLEGE

1. Title of the Practice: “Lab to Land –Technology Transfer HUB”

2. The context:

The College is situated in a sub urban region, surrounded by many villages. The main occupation of the Students, parents’ is agriculture. In this filed illiteracy, lack of awareness about recent developments and poor socio-economic background of the farmers are some of the fundamental reasons for continuous decreasing in the agricultural productivity. In addition to this, high level of income gap between rich and poor farmers, agricultural and non agricultural employees are responsible for non-fulfillment of even the basic necessities of Indian farmers

‘Technology transfer’ is a broad concept which includes the efficient transfer of agricultural inventions and innovations to the farmer. Taking all the prevailing conditions as a context the college management established this best practice in the campus with the coordination of all biological science departments.

3. Objectives of the practice: “Lab to Land –Technology Transfer HUB” objectives are

- The basic objective of the best practice is the overall development of the rural people.
- To bring about desirable changes in the human behavior, this includes change in knowledge, skill and attitude.
- The dissemination of useful and practical information relating to agriculture, including improved seeds, fertilizers, implements, pesticides, improved cultural practices, benefits of organic farming , aquaculture farming etc.
- To make the people aware that agriculture is also a profitable profession.
- To create an environment for rural people so that they can show their talent, leadership and efficiency.
- To provide appropriate solution to the farmers’ problems.
- To bring the scientist, closer to the farmers.

4. The Practice:

- We conduct a survey of the village and collect information on the number of farm facilities, their occupations, land use pattern, utilization of water resources, facilities for marketing availability of inputs and credit, their attitude towards various enterprises, and extension services' strength the area, etc.
- We also collect relevant information from other organizations.
- The data and information collected are then analyzed in an unbiased way.
- After analyzing the data and relevant information with the local people, we realized that there are three most critical problems, which need an immediate solution. These are low levels of income, employment and nutrition in the farming communities.
- The Team of lecturers together with the Scientists and officials of nearby research stations like A.P. State Agriculture Research Station, Kadiri, A.P. Sericulture Department, A.P. state Department of Agriculture found various ways and means to increase the levels of income, employment, and nutrition of the farming families in the village.
- As an initial step to encourage the farmers, seeds and manures at subsidized prices.
- Especially, sericulture farmers were given advices in new techniques which were invented at CSR & TI, Mysore. By following the same the farmers reaped good crops and have increased their income generation in silkworm rearing.
- New Technologies like organic farming and No Till Practices were also introduced in some villages with our students.
- The team of biology staff conducted a survey regarding malnutrition in few remote villages and advised the use of locally available cost effective herbs and veggies.

5. Obstacles faced:

Every human tendency is to benefit from everything from the outside sources. Because of this, huge number of farmers has approached the campus to get benefits out of the practice. There was a wide gap between the applications of farmers and the intension of the programme. The committee literally staggered on seeing the piles of applications.

Fortunately after few discussions with all Scientists and few skilled farmers, the committee has revamped the scheme and counseling committee has been established for counseling the farmers to solve their minor and dispensable problems all at once. Only the applicants with justifiable, immense need are shortlisted for technical assistance.

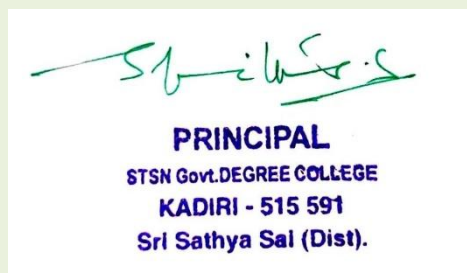
6. Impact of the Practice:

After the establishment of the hub, we conducted many farmer extension programmes. Majority of farmers who interacted with the filed specialists are satisfied by gaining the new agriculture techniques. Some farmers are also started Vermicompost pits and making their own manure. We also realized the impact of middle men in agriculture marketing and initiated solutions for agri product marketing especially for fruits and flowers. Now the farmers are directly taking their products to Koyyambedu agriculture market in Chennai and

Karnataka Flower Marketing Society in Bangalore.

7.Resources Required:

For conducting any extension programme minimum expenditure is needed. Provisional budget for the conduct of such specific programmes is a must. Apart from this we should have a well established lab having a support of experienced and devoted teaching faculty with a good research bent of mind. Then only the service motive will reach the stakeholder and thus the desired results will be reaped.





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BEST PRACTICES OBSERVED IN THE COLLEGE

1. Title of the Practice: Blood Grouping and Donation

2. Objectives :

1. Saving the innocent lives by donating blood.
2. Inculcating the service motto among the student community
3. Helping the poorest of the poor in the hour of need.
4. To make the students to know their own blood groups
5. Propagating the policy of blood donation among the people through the students
6. Recording the rare blood groups and extending helping hand to the local area hospitals.
7. To identify the anemic students with a view to help them.

3. The Context:

The context for this holy programme got inception with the untimely demises of innocent youth, young pregnant women and rural folk. To prevent this untimely deaths blood donation is the need of the hour. Though there are many donors, yet they are unaware of their blood groups. In this context the college as its social responsibility has taken up this tremendous task of Blood grouping and donating.

4. The Practice:

Blood Grouping and Donation has been organized every year at regular intervals in collaboration with the Local Area Government Hospital Blood Bank, which is very useful to the needy innocent youth, young pregnant women and rural folk, besides serving the requirements of the poorest of the poor in the Society. The students and the Staff Members actively participate in blood grouping and donating in an encouraging and inspiring manner at regular intervals every year. After grouping the donor's list will be given to the local area hospital authorities so as they can contact the donors or the college management in the hour of emergency. Besides this the anemic students will be identified and the causes like malnutrition and other causes will be analysed in a friendly counseling that will take place in the presence of a Lady as well as a Gent Doctor. To eradicate the anemic and malnutrition, separate awareness programs will be conducted with the senior doctors at the college as well as village levels with the cooperation of the local administration.

5. Evidence of success:

The evidence of success can be clearly seen among the hundreds of the student volunteers coming forward for donating blood to the needy, not only in the local hospitals but their services are extended up to the District head quarters also. This year alone the blood grouping was done to the three hundred students. This motivational service of the volunteers has really changed the name and fame of the institution in the society by bringing laurels.

6. Obstacles faced if any strategies adopted to overcome them:

Quite naturally, being rural area, awareness level of donating blood and getting tested to know the blood groups is a frightening thing. This Obstacle coupled with blind beliefs and rural myths has given a tough time to go ahead with this great work. In this regard we arranged so many awareness programmes to dispel the myths and make the students confident enough to come forward to join hands with us for a noble cause. Thus we have overcome these initial hiccups with kind cooperation of the students, parents and the gentry of the town.

7. Resources required:

Regarding Persons and resources, Govt. Area Hospital, Kadiri, Anantapuramu Dist., was kind enough to provide the following materials. Doctors, Lab Technician, Blood group testing kits.



STSN.GOV.T.DEGREE COLLEGE::KADIRI

DEPARTMRNT OF SERICULTURE

Farmer's Technical services

**Students at Farmer's Silkworm Shoot Rearing at Mandlipalli, Tanakal
Manadal**





Interacting with Farmers of Sunnam Palle reg Growing of G2 Variety and yield parameters



Care at Mounting of Ripened Silkworms –A keen observation. Use of Plastic mountages in place of traditional Chandrikes





Students along with VSA at Farmer's Mulberry field



At Silkworm Rearing Shed explaining the role of whitewashing and disinfection to avoid crop losses



With women sericulturist at Balijapalli-Glossy leaf for chawki worms



Students volunteered at farmers' awareness camp at Motukupalli

*Extending the knowledge of recycling of seri
"bio mass into biogas"
- An ecofriendly action
FARMER'S TECHNICAL SERVICES*



Farmer's Technical services-from LAB TO LAND

Biogas unit preparation

In Lab ↓

at field ↓





Mushroom culture in Lab - Introduced to Farmers at field

*Recycling of SeriFarm Waste into Vermi
Manure*

In lab At field





At Ramaiah peta, ODC



In Lab



Students trial rearings at Technical service centre of the college

***EXTENSION AND CONSULTANCY IN THE PREPARATION OF
VERMICOMPOST***

Farmer; Surya narayana Reddy, Enumulavaaripalli .



Large Scale Producton of Vermicompost @ 10 tonnes per month



Discussing Common Constraints and remedies ..in interaction



Farm waste into....

BLACK GOLD



Packing and Marketing..ready for sale..



Students at Motukupalli village



Students at Pattu rythu Exhibition with Rearing house model exhibits,ODC

STSN GOVT. DEGREE COLLEGE, KADIRI

BLOOD DONATION PROGRAMME









Students Donating Blood

Blood Donation Camp at STSN GDC

02.12.2021.

List of Donors.

3

No	Name of the student	Ph.no.	Class
01	B. Ramakrishna Reddy	9810800468	C21 C2S
	V. Pavan Kalyan	9392344565	T.Bcom CA
	M. Ananthosh waik.	8688461451	Bcom CA
	K. Ura Sanyar	9052323254	
	H. Kisan Babu	8367275391	
	P. Isha	9014342190	
	M. Ganesh	7207367294	
	S. Babavali	9177429493	I Hon CA
	Su. Anshu	8074566801	
	B. Balmanayana	7675962822	
	M. Gabriel Raju	7289488353	III MPEE
	K. Khadar Bha	9392571018	T.Bcom CA
	K. Anirudh Kumar	6302904291	III Bcom CA
	K. Sai Kumar	9347115119	"
	P. Manjuna	7893003671	"
	K. Mahendra Reddy	7816025727	"
	K. Naveen Kumar	8688005185	"
	S. K. Kabeel	8179805823	"
	M. Anish	7993849115	"
	M. Purushotham	8639653590	7 CAS
	L. Venkatasai	6305767942	III HEP
	L. Chaitanya	9948516547	II Bcom 9
	P. Anandhar Naidu	6303874887	III Bcom CA
	S. Babarajani	9182865036	T.Bcom gen

B. D. D. Adinarayan
 Dr. D. ADINARAYAN
 Lecturer in Zoology



S. S. S.
 2/12/21
 PRINCIPAL
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