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31/03/2023

ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

Sold to N. Ramesh Reddy, to N. Saiveera Reddy.
for whom - Principal, Baitala Sri Ramulu Govt. Degree College

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E. MUNESWARI
Licensed Stamp Vendor
P.L.No. 12-12-004/2021
Penukonda.
Cell: 9849876839

MEMORANDUM OF UNDERSTANDING BETWEEN

Department of Botany
S.T.S.N. Government Degree College, Kadiri.
Sri Sathya Sai (Dist.) Andhra Pradesh.

AND

Department of Botany
P.S Government Degree College, Penukonda.
Sri Sathya Sai (Dist.) Andhra Pradesh

This Memorandum of Understanding (herein after referred to as this "MoU") is made effective on and from 31st March 2023 ("the Effective date").

The Department of Botany, PS Government Degree College, Penukonda and the Department of Botany, STSN Government Degree College, Kadiri agree to work towards establishing an academic and research cooperation in areas of student's interest by mutual agreement as set forth in this memorandum of understanding (MOU).

OBJECTIVES:

1. To develop academic and educational cooperation, establish a collaborative program in between the departments and to cooperate in their mutual interest for a range of higher educational activities.

2. To exchange information on research and educational programmes.
3. To exchange information on teaching, learning material and other literature relevant to them educational and research programmes.
4. To inculcate research activities in our institution with your support and cooperation.
5. To enhance quality of the students by providing knowledge in the area of Botany.
6. To enhance the employability skills of students by organizing guest lectures, exchange of teaching materials.
7. To share the hands on experience and practical skills regarding laboratory and field explorations.
8. Search for opportunities to collaborate in the future.

Further...

- The parties of this memorandum may, by mutual consent, add, modify, amend, delete, review and revise any term(s) and condition(s) of this agreement.
- The MOU shall remain in force for a period of 5 years from the effective date.
- The parties to this MOU undertake to treat it as confidential.

Read and agreed to the terms incorporated in this MOU

On behalf of the Dept. of Botany,

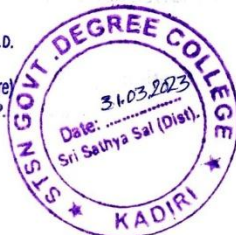
On behalf of the Dept. of Botany,


Department of Botany
 S.T.S.N. Govt. Degree College,
 Kadiri.


K. Sree Devi
Department of Botany
 PS Govt. Degree College,
 Penukonda.


Principal
 S.T.S.N. Govt. Degree College
 Kadiri.

Dr. S. SMITHA, M.Sc; M.Phil; Ph.D.
PRINCIPAL
 S.T.S.N. Govt. Degree College (PG Centre)
 KADIRI, Sri Satya Sai Dt., A.P.




Principal
 PS Govt. Degree College,
 Penukonda.

PRINCIPAL
 P.S. Govt. Degree Collage
 PENUKONDA-515 110
 Sri Satya Sai (Dist.)

Guest Lecture on “Importance of Millets” on 03.04.2023

Report on Guest Lecture

Date: April 3, 2023

Venue: STSN Government Degree College, Kadiri

Topic: Importance of Millets

Speaker: Dr. K. Sreedevi, Lecturer in Botany, PSGDC Penukonda

A. Objective:

1. The primary objective of the guest lecture was to educate the students of STSN Government Degree College, Kadiri, about the nutritional, ecological, and economic importance of millets.
2. The aim was to raise awareness, promote the consumption of millets, and advocate for sustainable agricultural practices to enhance food security and environmental sustainability.

B. Procedure:

1. Preparation:

- **Content Development:** Meticulously prepared the lecture content, focusing on the nutritional benefits, environmental impact, and economic potential of millets.
- **Visual Aids:** Utilized visual aids such as charts, graphs, and multimedia presentations to enhance the delivery and comprehension of the content.

2. Delivery:

- **Introduction:** Initiated the lecture with an introduction to the significance of millets in addressing global challenges such as malnutrition, environmental degradation, and food insecurity.
- **Main Presentation:** Delivered a detailed presentation covering various aspects of millets, including their nutritional value, health benefits, and sustainable cultivation practices.
- **Interactive Session:** Conducted an interactive session after the presentation to engage the audience, address questions, and encourage discussion on the topic.

C. Summary of the Event:

The guest lecture on the "Importance of Millets" at STSN Government Degree College, Kadiri, was a comprehensive exploration of the various facets of millets' importance. The session commenced with an informative overview of millets, highlighting their nutritional content, health benefits, and ecological advantages. Through the presentation, I emphasized the need to promote millets as a sustainable alternative to conventional grains, advocating for their incorporation into diets and farming practices. The interactive session provided a platform for participants to exchange ideas, ask questions, and gain a deeper understanding of the subject.

D. Feedback from Participants (Outcome):

The feedback received from the participants was overwhelmingly positive, indicating that the lecture had a significant impact on their understanding and perception of millets. Key outcomes based on participant feedback include:

- **Increased Awareness:** Participants expressed a heightened awareness of the nutritional value, health benefits, and environmental advantages of millets.
- **Knowledge Enrichment:** Attendees acknowledged that the lecture provided them with new insights and information about millets, expanding their knowledge.
- **Inspiration for Action:** Several participants expressed a desire to incorporate millets into their diets and promote their cultivation, highlighting the lecture's motivational impact.

- Constructive Feedback: Some participants provided constructive feedback, suggesting the inclusion of more practical examples and case studies in future lectures to enhance learning and engagement.

In conclusion, the guest lecture on the "Importance of Millets" at STSN Government Degree College, Kadiri, was a successful endeavor in promoting awareness and understanding of millets' significance. The lecture has inspired participants to consider millets as a sustainable food option and advocate for their conservation and cultivation, contributing to a more sustainable and healthy future.



S. Narayana Swamy
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STSN GOVERNMENT DEGREE COLLEGE
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Dr. A. Narayana Swamy
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Lecturer in Botany
STSN Govt. Degree College
KADIRI-515 591, Sri Sathya Sai Dt

A Study on Campus Flora,
STSN Govt. Degree College, KADIRI,
Sri Sathya Sai District, A.P.



DEPARTMENT OF BOTANY
S.T.S.N GOVERNMENT DEGREE COLLEGE, KADIRI

Prepared by
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&

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Sri Sathya Sai District, A.P.

April 2023 (24.04.2023)

RESULTS AND DISCUSSION**Floristic Analysis**

A record of 223 species representing 161 genera and 52 families are found in STSN Govt. Degree College, Kadiri campus. Of the 223 species, 172 are dicots, 51 are monocots. Category-wise results are presented hereunder.

Plant Group	Families	Genera	Species
Polypetalae	24	49	77
Gamopetalae	15	55	66
Monochlamydae	07	20	29
Monocotyledons	06	37	51
Total	52	161	223

Out of 223 species, 20 are trees; 14 are shrubs; 23 are climbers and 166 are herbs (Fig-1).

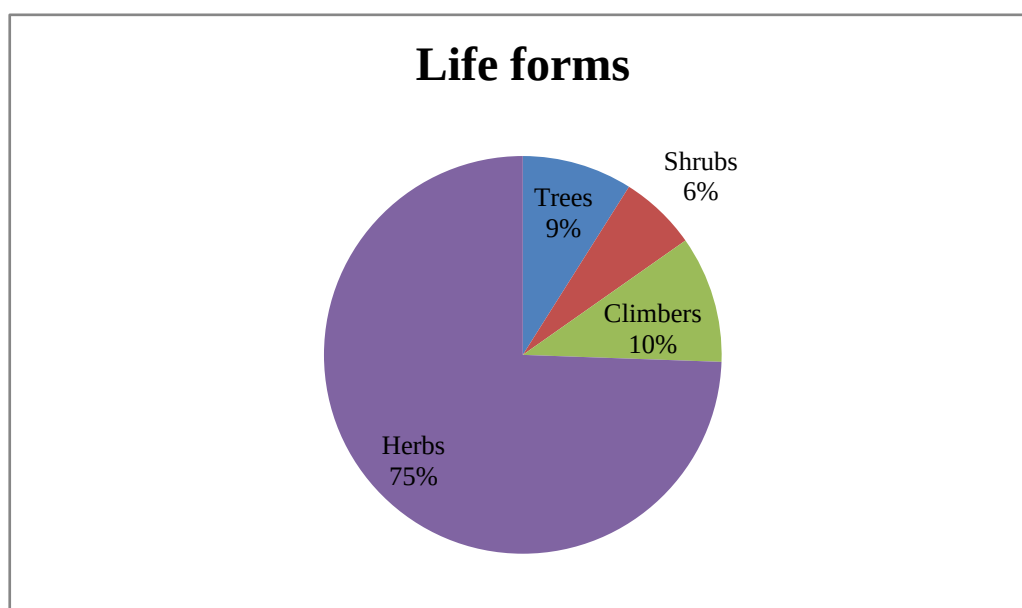
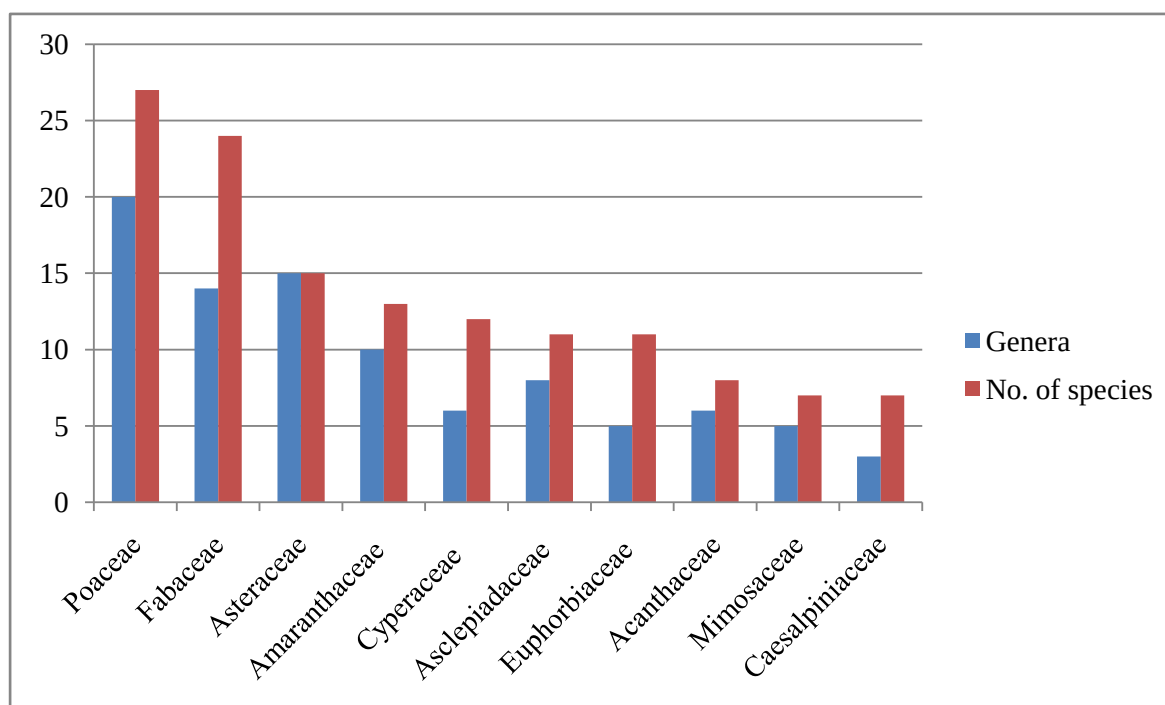


Fig.1: Plant life form-wise analysis

Table-1: Top ten dominant families

S.No	Families	Genera	No. of species
1	Poaceae	20	27
2	Fabaceae	14	24
3	Asteraceae	15	15
4	Amaranthaceae	10	13
5	Cyperaceae	6	12
6	Asclepiadaceae	8	11
7	Euphorbiaceae	5	11
8	Acanthaceae	6	8
9	Mimosaceae	5	7
10	Caesalpiniaceae	3	7



Plant Photos



Caralluma umbellata



Caralluma fimbriata



Martynia annua



Boerhavia diffusa



Citrullus colocynthis



Plumbago zeylanica



Pedalium murex



Solanum nigrum



Aerva lanata



Senna italica



Senna occidentalis



Tinospora cordifolia



Phyllanthus amarus



Tribulus terrestris



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PRINCIPAL

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Dr. A. Narayana Swamy

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