GOVERNMENT DEGREE COLLEGE, AGRAHARAM

RAJANNA SIRCILLA- DIST. -505302

(Re-accredited with B Grade by NAAC and ISO 9001: 2015 Certified)

Department of Botany

Best Practices (Student Study Projects) - 2021-22

1. Under Jignasa Students Study Project for this academic year, we conducted a project title

"STUDIES ON POST HARVEST FUNGAL INFECTIONS OF COTTON PLANT (GASSIPIUM HERBACIUM.L)IN
RAJANNA SIRCILLA DISTRICT OF TELANGANA "

By Students of B.Sc BZC I Yr Students

- 1. K.Yamuna
- 2. E.Bhavani.
- 3. R.Srujana.
- 4. S.Rakshitha.
- 5. S.Archana.
- 6. B.Akanksha.







Devrukh Shikshan Prasarak Mandal's



NYA. TATYASAHEB ATHALYE ARTS, VED. S.R. SAPRE COMMERCE & VID. DADASAHEB PITRE SCIENCE COLLEGE [AUTONOMOUS], DEVRUKH, (MS) INDIA

CERTIFICATE OF PAPER PRESENTATION

This is to certify that Dr T. Srinivas

of Govt Degree College Agraharam Rajanna Siricilla District has presented the research paper titled Identification and Characterization of Cotton Plant Post-Harvest Fungal Infections in The Siricilla District

In International Conference (Online) on Environment Development and Sustainability (ICEDS 2022) on March 29 -30, 2022 organized by Department of Botany and IQAC, Athalye-Sapre-Pitre College (Autonomous), Devrukh, Dist. Ratnagiri, Maharashtra, India in collaboration with Srushtidnyan and Sahyadri Sankalp Society

Dr. P. V. Naikwade **Organizing Secretary**

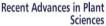
Mr. A. M. Kulkarni **IQAC Joint Coordinator** Dr. N. P. Tendolkar Principal













CHAPTER 7

n and Characterization of Cotton Plant Post-Harvest Fungal Infections in The Siricilla District

T. Srinivas¹ and S. Vijiaya

Department of Botany, Govt. Degree College Agraharam, (T.S.) Department of Botany, Tara Govt. College (A), Sangareddy, (T.S.)

the cotton plant has been recognised as one of the most Vulnerable to fiangi that may be fields in the villages of Siricilla and Agraharati-Rajanna siricilla District in the state of examined. It was completed at the pathological laboratory during the experimenta se, when it was carried out in the Pathogenicity labora ertificial mycological medium was accomplished using the techniques of leaf and root nerated from cotton leaves and roots throughout the course of the experiment. All of es were identified by a pathologist with subkey and a standard procedure. Rhizoctonia solani, Fasariam solani, Fasaria Rizopus spp., Aspergillus niger, and Penicillium notatum were among the fungi that were discovered. As a result, Rhizoctonia solani and Fasarium solani are pre-According to our findings, R. soloni and F. soloni had much higher percen leaves, fruits, and root colonisation than the other species studied. Upon exam olonisation proportion of more than 50 percent. In this study, F, sodow had 30 percent.

Department Incharge

PRINCIPAL T. DEGREE COLLE AGRAHARA.M Dist. Rajanna Sircilla