







ACHIEVEMENTS



- Every year students are securing good ranks in TSCPGET and qualifying in exams like SET, NET etc.
- ➤ Organized state level workshop in collaboration with chemistry department on "Emerging trends in Phytochemistry and Natural products".
- ➤ MoUs (Memorandum of Understanding) were made with Department of Forestry, Sangareddy and Soil Testing Lab, Sangareddy, Department of Botany, BRR gdc, Jadcherla, MBNR and Council for Earth Leadership and Council for Green Revolution.
- ➤ P.G student Bandari Ramesh achieved record entered in to "High range book of world record" for collecting more than 500 varities of seeds. He also received SrishtiSamman National Award and CGR Green student award.
- Developed the Botanical, Medicinal and Xerophytic Gardens in the college premises.
- Conducted a certificate course on Soil Testing
- > Department has 2 patents
- Faculty is having Memberships in different National Organizations.
- Faculty acted as selection committee member of Telangana Minorities Residential Educational Institutions Society (TMREIS).
- Faculty received Adarsh Vidya Saraswati Rashtriya Puraskar (National Award of Excellence 2022) from Global Management Council.

>	Faculty acted as Judge at District Level Inspire Science Exhibition.
>	M.Sc student J. Venkat has been appointed as District Biodiversity
	Coordinator of Telangana State Biodiversity Board.
	Students Secured State 1 st and 7 th Ranks in TSCPGET-2020
	Students Secured State 1 and 7 Ranks in 15CFGE1-2020





Student receiving cash prize from Hon'ble District Collector



Student Achievement

P.G student Bandari Ramesh achieved record entered in to "High range book of world record" for collecting more than 500 verities of seeds. He also received Srishti Samman National Award and CGR Green student award.

Student elected as Young Professional-1 in the project entitled- "Development of Steel Slag-based cost —effective eco-friendly fertilizers for sustainable agriculture and inclusive growth."

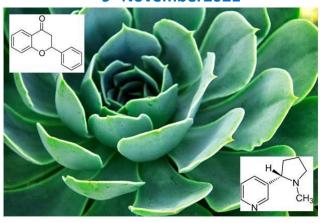
DEPARTMENT OF AGRONOMY: COLLEGE OF AGRICULTURE No. CA/Aga/405 **ENGAGEMENT OFFER** Mr. Bhandari Ramesh House Number 4-02 Tadoor, Nagar Kurnool, Telengana-50920 On the basis of the recommendations of the Selection Committee and subsequences of the Selection Committee and Selection Committe the Dean Ag. and Director Experiment Station, You are hereby offered to Young Professional – I in the project entitled "Development of Steel slag-based cost-effective eco-friendly fertilizers for sustainable agriculture and inclusive growth." Project Code-8022. The conditions for the above engagement will be as follows: 1. The fellowship is purely temporary and is only awarded initially for a period of six months from the date of joining. The period of award may be extended as per availability of budget, requirement and duration of project and the performance of the candidate. The fellowship may be terminated without any notice if the performance of the candidate is not found satisfactory. 2. The Young Professional - 1 will be paid a fixed fellowship of Rs. 25000/- per month as prescribed by university/ funding agency. No other allowance will be payable to Young 3. The Young Professional - 1 will submit a certificate of medical fitness from the Medical Officer, In-charge of this University Hospital along with his joining report. 4. The Young Professional - 1 will have to report for duty to the Principal Investigator and submit the Joining Report in quadruplicate. 5. The fellowship will be governed by rules and regulations formulated by university 6. There will be no liability on the DES/University whatsoever on account of engaging the candidate as Young Professional - 1 and the concerned fellow will have no right implicit or explicit to claim for automatic absorption of his services on a regular/budgeted post in the 7. The Young Professional - I should clearly understand that she shall have no claim or right to get/retain university quarter/hostel during his term/ after the expiry of the term. 8. The Young Professional - 1 should have completed her course work if pursuing Ph.D. His Ph.D. work should not hamper the project work. 9. The Young Professional - 1 should not take part in any activity detrimental for the University; he will not involve himself directly or indirectly in anti-university management activities; he will not do any activity which hinders the smooth functioning of the University; he will maintain good & decent conduct in the University and shall not involve in anti-social you, report in the office of the undersigned for joining between November 16 – December 05, 2021. 60×16/11/202) Principal Investigator

Dean, Agriculture Director, Experiment Station Master File of Project

ONE DAYSTATE-LEVELWORKSHOPON

"EMERGING TRENDS IN PHYTOCHEMISTRY AND NATURALPRODUCTS"

9thNovember2021



Organized by: **Department of Chemistry**

in collaboration with

Department of Botany
TARAGOVERNMENTCOLLEGESANGAREDDY
(Autonomous)

(ISO9001:2015CERTFIED)

(AffiliatedtoOsmania University&AccreditedbyNAACwith,,B"grade,2.75CGPA)

SANGAREDDY-502001, SANGAREDDY (Dist), T.S., INDIA Website: https://gdcts.cgg.gov.in/sangareddy.edu E-mail:prl-gdc-srd-ce@telangana.gov.in,

Resource Persons

Prof.Y.JAYAPRAKASH RAO

Department of Organic Chemistry Osmania University, Hyderabad.

Prof.B.VIDYA VARDHINI

Department of Botany, Telangana University, Nizamabad.

Organizingcommittee

Chairperson: Smt. M. Praveena

Principal(FAC)

Convener: Abhijit Kantankar

Head, Department of Chemistry

Co-Convener:Dr.S.Vijaya

Head, Department of Botany

విద్యార్థులకు అవగాహన

కొందాపూర్(సంగారెడ్డి): జిల్లా కేంద్రమైన సంగారె డ్డిలోని తారా డ్రభుత్వ డిగ్రీ కళాశాలలో మంగళ వారం రాసాయశాస్త్రం, వృక్ష శాస్త్రం విభాగాల ఆద్వ ర్యంలో ఒక రోజు వర్క్ షాషను నిర్వహించినట్లు కళాశాల బ్రిన్సిపాల్ ద్రవీణ తెలిపారు. ఫైటో కెమిస్టీ, జాతీయ ఉత్పత్తులు అంశంపై విద్యార్ధు లకు అవగాహాన కల్పించారు. ఈ వర్క్ షాప్సనకు ముఖ్య అతిథిగా విచ్చేసిన ప్లా జయ్యపకాష్ రావు

మొక్కల్లో ఉండే రసాయనాలు, వాటి ప్రాముఖ్య తను వివరిందారు. కాగా ఈ కార్యక్రమానికి రిసోర్స్ ప ర్సన్గా విద్వేసిన తెలంగాణ విశ్వ విద్యా లయ ప్రా విద్యావర్తిని మాట్లాడుతూ పర్యావరణం లోని మా ర్పులు మొక్కల అనుఘటనను విశ్లే షంచారు. ఈ కార్యక్రమంలో కళాశాల వైస్ టిస్స్ పాల్ ఉపేందర్, వెంకటేశం, ప్రాగాం కో ఆర్గినేటర్ ఆభిజిత్, విజ య, ఆద్యాపకులు శ్రావణి, పద్మజ, రవికుమార్, త్రీధర్, నీద్దులు తదితరులున్నారు.



Department has 4 MoUs





Certificate Course on Soil Testing

December-2021

Objectives of the Course:

- 1. To know the type of the soil collected from the fields.
- 2. To know the nutrient level of the elements, present in the soil.
- 3. To take the measures to improve the quality of the soil.

The aim of the certificate course is to train the students in testing the soils from the nearby fields and made them aware about the nutrient content of the soil and also distributed the Azolla to the farmers as biofertilizers for better crops

.





Training the Students

PATENTS

1. Dr.S.Vijaya: A Non-Toxic Tollens Method for Synthesizing Antimicrobial Silver Nanoparticals coating on Paper Currency Notes and Electronic Gadget Screens for Prevention of Infectious Diseases Thereof

> (12) PATENT APPLICATION PUBLICATION (21) Application No.202241074092 A (19) INDIA (22) Date of filing of Application :21/12/2022 (43) Publication Date: 30/12/2022

(54) Title of the invention: A NON-TOXIC TOLLENS METHOD FOR SYNTHESIZING ANTIMICROBIAL SILVER NANOPARTICLES COATING ON PAPER CURRENCY NOTES AND ELECTRONIC GADGET SCREENS FOR PREVENTION OF INFECTIOUS DISEASES THEREOF

1)Dr. ABHIJIT KANTANKAR Address of Applicant : ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY, TARA GOVERNMENT COLLEGE, SANGAREDDY (A), TELANGANA, INDIA, 502001. :A61P0031040000, A61K0033380000, C12Q0001180000, A61P0031000000, 2)Dr. K. VANI 3)Dr. S. VIJAYA (51) International classification Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : A61P0031020000 (86) International Application No (72)Natine of Inventor .

1)Dr. ABHIJIT KANTANKAR

Address of Applicant : ASSISTANT PROFESSOR,

DEPARTMENT OF CHEMISTRY, TARA GOVERNMENT

COLLEGE, SANGAREDDY (A), TELANGANA, INDIA, Filing Date (87) International Publication No (61) Patent of Addition to Application Number :NA Filing Date 502001. Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY, TARA GOVERNMENT (62) Divisional to Application Number Filing Date COLLEGE, SENGAREDDY (A), TELANGANA, INDIA, 3)Dr. S. VIJAYA Address of Applicant :ASSISTANT PROFESSOR,
DEPARTMENT OF CHEMISTRY, TARA GOVERNMENT COLLEGE, SENGAREDDY (A), TELANGANA, INDIA,

The present invention pertains to the non-toxic Tollens method for synthesizing antimicrobial silver nanoparticles (AgNPs) coating on ne present invention pertains to the non-toxic Tollens method for synthesizing antimicrobial salver handparticles (AgiN's) cotang paper currency notes and electronic gadget screens for prevention of infectious diseases through evaluate its antimicrobial efficacy against both bacteria and fungi by microbial screening methods. The technical advancement of the present invention is design the antimicrobial protective layer on paper currency notes and electronic gadget screen surfaces for prevention of microbial contamination. For this we have chosen AgNPs, which are prepared from a simple Tollens process which is used to identify aldehyde functional group in the organic chemistry, because of its significant antimicrobial activity, AgNPs have several merit over normal antibiotics which includes long period of effectiveness and will not initiate drug resistance among the microbial strains.

No. of Pages: 19 No. of Claims: 10

2. Dr.O.Padmaja: Japonica Rice Cultivar Nipponbare with Multipathogen Resistance Gene LR34



Office of the Controller General of Patents, Designs & Irade Marks Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Government of India

(http://ipindia.nic.in/index.htm)



(http://ipindia.nic.in/index.htm)

	Application Details
APPLICATION NUMBER	202041001348
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/01/2020
APPLICANT NAME	1 . Dr. O. Padmaja 2 . V. Srimathi Bal 3 . Dr. Raju Bolla 4 . Dr. D.Srinivas 5 . Dr. K. Rani
TITLE OF INVENTION	JAPONICA RICE CULTIVAR NIPPONBARE WITH MULTIPATHOGEN RESISTANCE GENE LR34
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	nagkanna80@gmail.com
ADDITIONAL-EMAIL (As Per Record)	nagkanna80@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	
PUBLICATION DATE (U/S 11A)	17/01/2020

Application Status

APPLICATION STATUS

Awaiting Request for Examination

View Documents

Botany project selected to state level, 2021-2022.

OnInnovative Method Of Nutrient Enriched Cocopeat Mats For Sustainable Development Of Plants

- 1. To generate a sense of place and understanding of concepts to generate scientific investigation
- 2. Evaluate the growth performance and plant characteristics of selected plants (Enriched cocopeat).
- 3. Toobservethe germination abilityofselected plantsin Enriched cocopeat



Appreciation certificates given by Judges to students

Medicinal Garden Development

Objectives:

- 1. To motivate the students to develop the medicinal /Herbal garden.
- 2. To know and learn about the different types of medicinal plants which can be grown in our surroundings.
- 3. To know about the medicinal values and uses of these plants.
- 4. To motivate the students to develop the medicinal /Herbal garden.
- 5. To know and learn about the different types of medicinal plants which can be grown in our surroundings.
- 6. To know about the medicinal values and uses of these plants.

The cultivation of a medicinal plants in a garden is known as medicinal garden. The garden is developed to preserve and promote the medicinal values of the plants which grow wild, in our surroundings whose properties are beneficial in maintaining a balance between the man and the nature. They are the precious source of raw materials for the medicinal remedies used in primary health care. The medicinal garden consists of all the herbs which have medicinal and aromatic properties.

We have different varieties of medicinal plants in our garden like Elattaria cardamomum; Syzygium aromaticum; Carica papaya; Emblica officinalis; Aegle mormelose; Lawsonia inermis; Cymbopogan 13itrates; Aloe vera; Stevia rebaudiana; Carissa carindus; Terminalia chebula; Withania somnifera; Raulfia serpentine; Piper nigrum; Coleus; Chamaecostus cuspidatus etc.



Plantation



Medicinal Garden



Plants from Medicinal Plant Board

Development of Botanical Garden On 08.06.22

Objectives:

- 1. To have a different collection of plant species in the garden.
- 2. To maintain greenery in the College Premises .
- 3. To motivate the students towards taxonomic knowledge.

The importance of different plant species belongs various families according to the syllabus is an essential thing to study plants in a systamatic manner. We have identified a place for botanical garden and planted rare and wild varieties of plants. We have arrenged drip irrigation system to the garden plants for adequate supply of water.





Botanical Garden

Drip Irrigation

Faculty Memberships

1. Dr.S.Vijaya:

- a. Life Members of the Indian Botanical Society
- b. ECOR-Foundatition, ID No. 12
- c. Global Professors Welfare Association Forums, ID No.21906
- d. Nandanvana An Environment Education Group, ID No. 33
- e. International Association of Research and developed Organisation, ID No.-1063

LIFE MEMBERS OF THE INDIAN BOTANICAL SOCIETY (Updated upto 30.09.2022)

2039.	2021	Singh, Ravi Kumar	Road, Satna-485 001 (M.P.) Floral Mor., Phycology (March 28, 1963) Ph,D;Assistant Professor, Dept of Botany, Magadh University
2038.	1997	Singh, Rashmi	Ph.D., F. B. S., Asstt. Prof., Botany Department, Govt. Autonomous P. G. College, Resi.: W/o Dr. Shiyesh Singh, 34, Prabbat Vibar, Pane
2037.	2021	Sonekamble Vijaya	Vara Government College (A), Sangareddy, T.S502001; (Jan. 1 1969) Ph: +919849705776; Email: sonekamblevijaaya@gmail.com
			Dharmshala(HP)-176215;Res.29-20, Dhauladhar colony, Near II Chowk,Dari jhikali Barol, Dharmshala- 176057; Pteridophytes Taxonomy (April 20,1972), Ph.:+919418017600; Emai drranjeetthakur@email.com
2036.	2022	Singh, Ranjeet	Ambedkar University, (A Central University), Vidya Vihar, Raebareli Road, Lucknow – 226025; Ph.:+919889121823, +919935688836; Email: d-ranapratap59@gmail.com, cceseditor@gmail.com Assistant Professor, Department of Botany,Govt. P.G.College
2035.	2011	Singh, Rana Pratap	Senior Professor, School of Earth & Environmental Sciences, Department of Environmental Sciences, Babasaheb Bhimrao
2034.	2008	Singh, Ram Pratap	Ph.D., Associate Professor, Dept. of Botany, Govt. P.G. Coll. Moren (M.P.) B-35, Vivek Nagar, Thatipur, Gwalior, Stress physiology and Theorem (M.P.) B-35, Vivek Nagar, Thatipur, Gwalior, Stress physiology and Theorem (M.P.) Ph.: +919425619653; Email Open Open Open (M.P.) Ph.: +919425619653; Email Open Open Open Open Open Open Open Open
2033.	1991	Singh, Ram Naresh	Ph.D., F. B. S., Prof. & Head, Botany Deptt., Jagjiwan College, Arra Distt. Bhojpur-802 301, Physiological Plant Pathology (July 7, 1947)
2032.	1999	Singh, Ram Kripal	Botany Department, S. N. S. College Waresaliganj, Distt. Nawada (Bihar)
2031.	1999	Singh, Rajendra Bahadur, M	Ph.D., Reader, P. G. Dept. of Botany, M. S. College, Motihari-845 4(Bihar), Cytogenetics & Pl. Pathology (March 4, 1953)
2021			Ph.D., Professor, Deptt.of Botany, University of Lucknow, Lucknow 226 007, Res.:15/153, Indra Nagar Lucknow-226016. Ph +919415158687 Email: rsingh1954@gmail.com
2030.	1997	Singh, R. R.	Ph D. Professor Dantt of Rotons University of 1
2029.			pushpisingh08@gmail.com
2028.	2018	Singh, Pushpi	Botanical Survey of India, Central Regional Centre, 10, Chatham Line Prayagraj-211002. Ph.: +919161993558: Emai
2027.	2005	Singh, Punam K.	Ph.D., 76/7, Neshville Road, Dehradum - 11997
		Singh, Priyanka	Lab #39, Department of Botany, AMU, Aligarh-202002; Res.: C/O L Enterprises, Khair Road, Gonda Mod., opposite Jalalpur Bijli Gh Aligarh-202001; Plant Physiology & Biochemistry (July 1,1995 Ph.:+919258471676,+918630763170; singh.priyanka8156@gmail.com
2026.	2022	Singh, Priyanka	(March 15, 1952) College, Bhagalpur-812 007 (Bihar), Microbiology & Pl. Patholog
2025.	1979	Singh, Prem Lata	Post. Ragaul (Maudaha) distt. Hamirpur-210507 (Dec.15, 1992 Ph.+918081115172; Email: prasinghbhur@gmail.com Ph. D., F. B. S., Professor, Botany Department, Sundewati Mahi
2024.	2021	Singh, Prashant Raj	C/o Dr. R.P.Sinha, Lab of Photobiology & Molecular Microbiolog Department of Botany, BHU, Varanasi-22;Res. H.No.253 Purvi Taru
2023.	2021	Singh, Prashant	Assistant Professor, Department of Botany, BHU, Varanasi-221005;Rt D-91, New Teachers Residential Flats(TRFS), BHU Varanasi-22100 Plant Immunity & Plant Pathogen Interaction (May 1,1977); Pl +919057251342; Email: p.singh/c/bhu.ac.in
			+917755830009; Email: sps.bhu@gmail.co





ID No.- 12

Sonekamble Vijaya

Member

SECUNDERABAD, TELANGANA





ID No.- 21906

Sonekamble Vijaya

Member

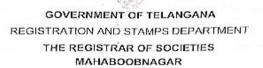
SECUNDERABAD, TELANGANA





2. Dr.N.Siddulu:

Joint Secretary for Association for Biodiversity Conservation and Development(ABCD).



Certificate of Registration

(No: 32 of 2016)

I hereby certify that 'ASSOCIATION FOR BIODIVERSITY CONSERVATION & DEVELOPMENT (ABCD)', 32-42/ Vidyanagar/ Vidyanagar/ Wanaparthy/ Mahbubnagar/ Telangana/ India/ on this day registered under the Δndnra Pracesh Societies Registration Act., 2001



Cortified copy of Registration

REGISTRAR OF SOCIETIES
MAHABOOBNAGAR

3. Dr.O.Padmaja Life member of Indian botanical Society

1322.	1974	Padhy, Bhaskar	Ph.D., D. Sc., Retd. Senior Reac Q Odela × 1 of 2 University, Berhampur-760 0
			Biochemistry, Environmental Botany (Apr. 1, 1948) Ph.: +916802243322; Email: padhybhaskar@yahoo.com Address Changed
1323.	1957	Padhye, M. D	Ph.D., F. B. S., Professor (Retd.), 168, Laxmi Nagar, R. P. T. S. Road, Nagpur-441 022, Embryology, Taxonomy, Palynology, Plant Physiology, (April 26, 1932)
1324.	2022	Padmaja, <mark>Odela</mark>	Ph.D; assistant Professor, Dept. of Botany, , tara Govt. College(A), Sangareddy; Res.: C-3-655, Plot No.19, Vayushakthi Nagar, Dammaiguda; Advanced Molecular Biology (Nov.4,1979); Ph.:918686030005; Email: drpadmajaodela@gmail.com
1325.	1980	Padmaja, V	Ph.D., F. B. S., Professor (Retd), Dept. of Botany, Andhra University, Waltair-530 003 (A.P.), Cytogenetics, Biopesticides, (June 25, 1949), Email:vpadmaja4@yahoo.com
1326.	2005	Padmini, S.	Ph.D., Head and Reader, Deptt. of Botany, S.N. Vanita Maha Vidyalaya, Exhibition Grounds, Hyderabad-5, (A.P.) (Dec 17, 1950), Ph.: 27501550, Email: padsripoda@yahoo.com
1327.	1965	Pai, Ragawendra Mukund	Ph.D., F. B. S., F. M. A. S., Formerly Professor & Head, Deptt. of Botany, Marathwada University, Rest.: 'Charanamrit' 24, Swanand Nagar, Aurangabad-431 005, Anatomy, Morphology, Taxonomy, (July 25, 1932)
1328.	1998	Pal, Ajanta	B. Ed., C-209, Vinay Deep Apartment, Ashok Nagar, Bhubaneshwar-751 009 (Orissa), Ecology, Biotechnology, Ethnobotany, Tissue Culture, (Feb. 2, 1962)

Faculty acted as a selection committee member at TMREIS



Telangana Minorities Residential Educational Institutions Society (TMREIS)

Erstwhile Medak District Regional Level Coordinator Office

District Sangareddy, T.S.



CERTIFICATE

This is to certify that Ms/Mr. Dy. S. Vijaya
Designation Asst. Protessor & Botanyworking at Taxa Govt. College, SRD has been awarded
this Certificate for participating in Interview Sessions, for the selection of Out Sourcing Junior Lecturers to work in
TMREIS institutions conducted at TMR School Boys-1 Sangareddy. From 16 September 2021 to till 18 September 2021.
He/She has participated as a Subject Expert in Colombia

Vigilance Officer -1

Plds Wy Vigilance Officer-2 RLC

DMW0

Faculty received Adarsh Vidya Saraswati Rashtriya Puraskar (National Award of Excellence 2022) from Global Management Council.



Faculty as a judge at District Level Inspire Science Exhibitions





M.Sc student J. Venkat has been appointed as District Biodiversity Coordinator of Telangana State Biodiversity Board.

