

Dnyanopasak Shikshan Mandal's
COLLEGE OF ARTS, COMMERCE & SCIENCE, PARBHANI



ज्ञानोपासक शिक्षण मंडळाचे
कला, वाणिज्य व विज्ञान महाविद्यालय, परभणी

Swami Rameshwar Ji Maharajwada University, Nanded
Post Box No. 54, PARBHANI - 431 401 (Maharashtra) India.
☎ +91-2452-242466 Fax : +91-2452-242403

E-mail : dsrparbhadi@gmail.com

Website : www.dnyanopasak.org.in

Adv. G. N. Dudhgaonkar
Ex. M.P. & President

Dr. Shaikh Md. Babar
J.C. Principal

डीएसएम/एसीएस/२०२१-२२/कोर्सवर्क/

दिनांक ०३.०५.२०२२

प्रति,
मा. प्राचार्य राजकुमार
श्री. गुरु बुद्धीरवामो महाविद्यालय,
पुर्णा

विषय : पीएच.डी. कोर्सवर्क उद्घाटन प्रसंगी बीजभाषण करणे बाबत.

महोदय,

वरील विषयास अनुसरून आपणास विनंती करण्यात येते की, आमच्या महाविद्यालयात पीएच.डी. कोर्सवर्क दिनांक ०५ ते ३० सप्टेंबर २०२१ या दरम्यान संपन्न होत आहे. सदरील कार्यक्रमाचे उद्घाटन दिनांक ०५ सप्टेंबर २०२१ रोजी दु.३.०० वा. आभासी (ऑनलाईन) पध्दतीने गुगल मीटद्वारे आयोजित करण्यात आले आहे. तरी आपण या उद्घाटन प्रसंगी 'संशोधन आणि प्रकाशन नितीमूल्य' या विषयावर बीजभाषण करावे, ही विनंती.

संबंधित कार्यक्रमाची गुगल मीट लिंक व्हाट्सअपद्वारे आपणास पाठविली जाईल.

समन्वयक



प्राचार्य
Principal

Co-ordinator
IQAC
Shri Guru Buddhiswami Mahavidyalaya
Purna (Jr.) Dist. Parbhani - 431511 (M.S.)

PRINCIPAL
Shri Guru Buddhiswami Mahavidyalaya
Purna (Jr.) Dist. Parbhani

Dnyanopasak Shikshan Mandal's

COLLEGE OF ARTS, COMMERCE & SCIENCE, PARBHANI

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

Post Box No. 54, PARBHANI - 431 401 (Maharashtra) India.

☎ +91-2452-242466 Fax : +91-2452-242493

E-mail : dsmparbhanl@gmail.com



ज्ञानोपासक शिक्षण मंडळाचे

कला, वाणिज्य व विज्ञान महाविद्यालय, परभ

(स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नंदेड संलग्न)

पत्र पेट्री क्र. ५४, परभणी - ४३१ ४०१ (महाराष्ट्र) भारत.

☎ +९१-२४५२-२४२४६६ फॅक्स +९१-२४५२-२४२४९३

Website : www.dnyanopasak.org.in

Accredited by NAAC with 'W Grade' | "College with Potential for Excellence - III" - UGC status | ISO 9001:2008 Certification | "Best College Award by the Univ

Adv. G. N. Dudhgaoonkar

Ex. M.P. & President



Dr. Shaikh Md. Babar

VC Principal

CERTIFICATE OF PARTICIPATION

This is certify that Mr./Dr. Saijay M. Dalvi, ICAEO of S.G.B. College, Purna has actively participated in the Interactive Meeting of SPD, RUSA, Maharashtra State leading to the discussion on "Status of Higher Education with Efforts Taken for Quality Enhancement" on 13 October 2021.

Place : Parbhani

Date : 13/10/2021

Institutional Co-ordinator

Prof. Atmaram Gangane

Principal

Dnyanopasak Shikshan Mandal's
College of Arts, Commerce & Science,
Parbhani

Co-ordinator
IQAC

Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn) Dist. Parbhani - 431511 (M.S.)



PRINCIPAL

Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn.) Dist. Parbhani

Dnyanopasak Shikshan Mandal's

COLLEGE OF ARTS, COMMERCE & SCIENCE, PARBHANI

Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
Post Box No. 54, PARBHANI - 431 401 (Maharashtra) India.
☎ +91-2452-242466 Fax : +91-2452-242493

E-mail : dsmparbhani@gmail.com



ज्ञानोपासक शिक्षण मंडळाचे

कला, वाणिज्य व विज्ञान महाविद्यालय, परभणी

(स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नंदेड संलग्नित)

पत्र पेट्टी क्र. ५४, परभणी - ४३१ ४०१ (महाराष्ट्र) भारत.
☎ +९१-२४५२-२४२४६६ फॅक्स +९१-२४५२-२४२४९३

Website : www.dnyanopasak.org.in

Accredited by NAAC with 'A' Grade" | "College with Potential for Excellence - III" - UGC status | ISO 9001:2008 Certification | "Best College Award by the University"

Adv. G. N. Dudhgaonkar
Ex. M.P. & President



Dr. Shaikh Md. Babar
VC Principal

CERTIFICATE OF PARTICIPATION

This is certify that Mr./Dr./ Dr. K. Rajkumar of S. G. B. Mahavidyalaya Purna has actively participated in the Interactive Meeting of SPD, RUSA, Maharashtra State leading to the discussion on "Status of Higher Education with Efforts Taken for Quality Enhancement" on 13 October 2021.

Place : Parbhani

Date : 13/10/2021

Institutional Co-ordinator

Prof. Atmasam Gangane

Principal
Principal

Dnyanopasak Shikshan Mandal's
College of Arts, Commerce & Science,
Parbhani



Co-ordinator
IQAC

Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn) Dist. Parbhani - 431511 (M.S.)

PRINCIPAL

Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn.) Dist. Parbhani

SHRI GURU BUDDHISWAMI SHIKSHAN PRASARAK SANSTHA'S
SHRI GURU BUDDHISWAMI MAHAVIDYALAYA, PURNA (Jn.)
Pin - 431 511, Dist. Parbhani (M.S.) India.

Career Guidance and Placement Cell

Academic Year - 2021-22
Walk in Interview - For ICICI Bank
[18.05.2022]

REGISTRATION FORM

- 1. NAME : TALHARE ASMITA SURESH.
- 2. EDUCATIONAL QUALIFICATIONS:
(B.A. / B. Com / B.Sc. / Final Year Appearing / Completed)
If completed, Year of passing
- 3. NAME OF THE COLLEGE STUDIED: M.COM 2.Y. (D.S.M COLLEGE - PARABHANI)
- 4. MOBILE NO. : 9767570466, 9921247718
- 5. e-Mail : ~~asmf~~ asmita.talhare358@gmail.com.
- 6. PERMANENT ADDRESS : AT. POST TADAKLAST @ PURNA
DIST. PARABANI



Asmita

[Signature]

[Signature]

Signature of the Candidate

PRINCIPAL

Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn.) Dist. Parbhani

Co-ordinator
IQAC

Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn) Dist. Parbhani - 431511 (M.S.)



Adv. G. N. Dudhgaonkar
Ex. M.P. & President

Dr. Shaikh Md. Babar
VC Principal

जा.क्र. शिक्षण/प्रसंग/२०२२-२३/परीक्षा-बी.कॉम/

दिनांक : ०४/०७/२०२२

धनी,
मा प्राचार्य
गुरुबुध्दी स्वामी महाविद्यालय,
पुर्णा, ता. पुर्णा, जि. परभणी

विषय : उन्हाळी-२०२२ परीक्षा बी.कॉम. अभ्यासक्रमाच्या उत्तरपुस्तिकांचे Onscreen
मूल्यांकन करणेसाठी प्राध्यापकांना आदेशित करणे बाबत.

संदर्भ : विद्यापीठने पत्र क्र. परीक्षा/संपन्न/2022-23/552 दि. 01/07/2022

महोदय,

वरील संदर्भीय विषयास अनुसरून राबितय कळविण्यात येते की, विद्यापीठाच्या उन्हाळी २०२२ परीक्षेतील बी.कॉम. अभ्यासक्रमाच्या उत्तरपुस्तिकांचे Onscreen मूल्यांकनाचे केंद्र महाविद्यालयात दिलेले आहे. सदर मूल्यांकनाचे कार्य जलद गतीने होण्यासाठी आ. महाविद्यालयातील नियमित/सेवानिवृत्त प्राध्यापक व किमान दोन वर्ष किंवा चार सत्र ता. तत्वावरील कामाच्या अनुभव असलेल्या प्राध्यापकांना Onscreen मूल्यांकन केंद्रावर तातडीने होण्यास आपल्या स्तरावरून तत्काळ आदेशित करावे.

आदेशित करूनही संबोधित प्राध्यापक मूल्यांकन केंद्रावर रूजू न झाल्यास तशा प्राध्यापक माहिती परीक्षा विभागाकडे माहिती जाईल, याची नोंद घ्यावी.


Co-ordinator
IQAC
Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn) Dist. Parbhani - 431511 (M.S.)




PRINCIPAL
Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn) Dist. Parbhani


प्राचार्य
Principal
Dnyanopasak Shikshan Mandal's
College of Arts, Commerce & Science
Parbhani

Dnyanopasak Shikshan Mandal's

COLLEGE OF ARTS, COMMERCE & SCIENCE, PARBHANI



ज्ञानोपासक शिक्षण मंडळ
कला, वाणिज्य व विज्ञान महाविद्यालय, परभणी

Post Box No. 54, PARBHANI - 431 511 (Maharashtra) India
Ph - 02-2452-242488 Fax - 02-2452-242493

E-mail: dnyanopasak@rediffmail.com

Website: www.dnyanopasak.org

Accredited by NAAC with 'W Grade' | "College with Potential for Excellence - CPE" - UGC status | ISO 9001:2008 Certification | Best College Award by High Time

Adv. G. N. Dudhgaonkar
Ex. MP & President

Dr. Shaikh Md. Babar
I.C. Bhabha

विद्यया ऽपि सिद्धिर्भवति ॥ २०२२-२३ ॥ ०६/१०/२०२२

०६/१०/२०२२

सन्ताने

प्रति,

श. व. विजय पवार

श्री गुरुबुद्धिसुखी महाविद्यालय, पुर्णा जि. परभणी

सादर अभिवादन

विषय - "हिंदी सेवा सम्मान" समारोह के निमंत्रण हेतु

सहित

आपको सूचित करते हुये हमें प्रसन्नता हो रही है कि ज्ञानोपासक परिक्षण मंडल संघोपासक कला, वाणिज्य एवं विज्ञान महाविद्यालय, परभणी के हिंदी विभाग तथा हिंदी अनुसंधान केंद्र की संयुक्त "हिंदी सेवा सम्मान" समारोह का आयोजन किया गया है। हिंदी भाषा, साहित्य तथा अनुसंधान के क्षेत्र में योग्य संशोधक योगदान तथा हिंदी भाषा के प्रचार-प्रसार के लिये किए गये प्रयासों की ध्यान में रखते हुए आपको "हिंदी सेवा सम्मान" से सम्मानित करने का हमारा मानना है अतः आपसे निमंत्रण है कि आप इस सम्मान का स्वीकार करके उपस्थित रहे

धन्यवाद सहित

तिथि : 06 अक्टूबर 2022

समय : सुबह 11.00 बजे

स्थान : सांस्कृतिक सभागार,

ज्ञानोपासक महाविद्यालय, परभणी

विभागाध्यक्ष

Dr. Jignesh B. Parbhani
Principal Supervising
Lok Research Centre
Dist. of M.S.



प्रधानाचार्य

Principal

ज्ञानोपासक शिक्षण मंडळ
College of Arts, Commerce & Science
Purna (Jn.) Dist. Parbhani

Co-ordinator
IQAC

Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn) Dist. Parbhani - 431511 (M.S.)

PRINCIPAL

Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn.) Dist. Parbhani



Microbiological Management of Stem Rot Disease of Groundnut Caused by *Sclerotium rolfsii* Sacc., by Exploiting *Pseudomonas aeruginosa* AL98

Rakh R. R.^{*1}, S. M. Dalvi², L. S. Raut³ and A. V. Manwar⁴

Received: 13 Jan 2022 | Revised accepted: 01 Mar 2022 | Published online: 17 Mar 2022
© CARAS (Centre for Advanced Research in Agricultural Sciences) 2022

ABSTRACT

Sclerotium rolfsii Sacc. is one of the major phytopathogen of Groundnut causing Stem rot disease, which was tough to control by conventional means by applying fungicides. Therefore, in the present investigation, an effort is being made to search for effective control measures in terms of biocontrol agent for the Stem rot disease. In the present research, 58 *Pseudomonas* strains isolated from rhizospheric niches were screened for their biocontrol activity against *S. rolfsii* under *in vitro* conditions. One of the identified strain, *Pseudomonas aeruginosa* AL98 was selected for further studies because of its ability to content the mycelial growth of the pathogen significantly. During the *In vitro* dual culture study, the *Pseudomonas aeruginosa* AL98 repressed the growth of *Sclerotium rolfsii* up to 94.44% in comparison to control. When the mechanism behind the biocontrol revealed that *Pseudomonas aeruginosa* AL98 strain secreted Non-volatile diffusible metabolites, and volatile metabolites, which affects the growth of *Sclerotium rolfsii* in dual culture. While confirming the *in vitro* results, pot assay being conducted which shows decrease in the percent disease incidence of stem rot due to *Pseudomonas* treatment from 40.16 to 54.54%.

Key words: Groundnut, Rhizospheric niches, *Sclerotium rolfsii*, *Pseudomonas aeruginosa* AL98, Non-volatile diffusible metabolites, Volatile metabolites, Microbial control

Rhizospheric niches of plants is a good consortium where both kinds of microorganisms coexist i.e., phytopathogen and biocontrol agents. So, the rhizospheric niches of the plants serves as an excellent source for agents to control soil-borne plant pathogens. Various Bacterial species like *Bacillus*, *Pseudomonas*, *Serratia*, and *Arthrobacter* known to control the fungal diseases. Similarly, Bacteria present in the rhizospheric niches identified as plant growth-promoters as well as biocontrol strains which most often belong to the following genera: (i) *Bacillus spp.* [1-2], (ii) *Streptomyces spp* [3-5] and (iii) *Pseudomonas* [6-9] and *Trichoderma spp.* [10].

The *Pseudomonas spp.* very well recognized as superior biocontrol agent because of their adaptive metabolism and their ability to produce a wide range of antifungal compounds [11]. Examples of antifungal and secondary metabolites produced by *Pseudomonas spp.* include phenazines [12], 2,4-diacetylphoroglucinol [13], pyoluteorin [14], pyrrolnitrin [15], cyclic lipopeptides [16], siderophores [17], volatile compounds [18], hydrolytic enzymes [19], and so on. Fluorescent pseudomonads, for example, *Pseudomonas aeruginosa* [20], *Pseudomonas putida* [21], and *Pseudomonas fluorescens* [22], are well-known to protect plants from fungal infections.

Sclerotium rolfsii Sacc is a soil-borne plant pathogen of worldwide importance with a very extensive host range including more than 500 plants species. Most *S. rolfsii* diseases have been reported on dicotyledonous hosts, but several monocotyledonous species are also being infected. *Sclerotium rolfsii* is especially severe on legumes, Solanaceous crops, cucurbits, and other vegetables grown in rotation with beans [23-24]. The traditional agricultural practice used to control the phytopathogen is by applying a wide variety of Fungicides e.g., Bavistin, Captan, etc. but a severe disadvantage of the traditional method, is that it is not effective to check the *Sclerotium* during the cropping duration (90-100 days) and is not eco-friendly. Hence, an alternative attempt has been made to provide an eco-friendly strategy for the control of *Sclerotium* during this work. The present research work mainly aims to

* Rakh R. R.
drrrrakh@gmail.com

¹ Department of Microbiology, Shri Guru Buddhiswami Mahavidyalaya, Purna - 431 511, Maharashtra, India

² Department of Botany, Shri Guru Buddhiswami Mahavidyalaya, Purna - 431 511, Maharashtra, India

³ Department of Microbiology, Sant Tukaram College, Parbhani - 431 401, Maharashtra, India

⁴ Department of Microbiology, Dnyanopask College of Art's, Commerce and Science, Parbhani - 431 401, Maharashtra, India

Coordinator
IQAC
Shri Guru Buddhiswami Mahavidyalaya
Purna (M.S.)

Shri Guru Buddhiswami Mahavidyalaya
Purna (M.S.)
CARAS

Dnyanopasak Shikshan Mandal's

COLLEGE OF ARTS, COMMERCE & SCIENCE, PARBHANI

Affiliated to Central Board of Secondary Education, Maharashtra, Mumbai

Post Box No. 54, PARBHANI - 431 401 (Maharashtra) India.

Ph. +91-2402-242408 Fax. +91-2402-242493

E-mail : dnyanopasak@gnwsk.com



ज्ञानोपासक शिक्षण मंडळाचे
कला, वाणिज्य व विज्ञान महाविद्यालय, परभणी

अखंडी अक्षांश १९° ५०' ००" उत्तरी, ७५° ५०' ००" पूर्वे

पिन कोड नं. ४३१ ४०१ (महाराष्ट्र) भारत

फोन नं. +९१-२४०२-२४२४०८ फॅक्स नं. +९१-२४०२-२४२४९३

वेबसाईट : www.dnyanopasak.org.in

Dr. Shaikh Md. Babar

30 President

Adv. G. N. Oudhgankar

Ex. M.E & President

दीर्घसमय/परिपत्रक/२०२२-२३/कोर्सवर्क/०१

12/04/2023

प्रति,

भा. प्राचार्य राजकुमार

श्री गुरु बुद्धीस्वामी महाविद्यालय,

पुर्णा

विषय : पीएच.डी. कोर्सवर्क उद्घाटन प्रसंगी बीजभाषण करणे बाबत.

महोदय,

वरील विषयसह अनुसरून आपणास विनंती करण्यात येते की, आमच्या महाविद्यालयात पीएच.डी. कोर्सवर्क दिनांक १५ मार्च ते १५ एप्रिल २०२३ या दरम्यान संपन्न होत आहे. सदरील कार्यक्रमाचे उद्घाटन दिनांक १५ मार्च २०२३ रोजी दु.१२.०० वा. आभासी (ऑनलाईन) पध्दतीने गुगल मीटद्वारे आयोजित करण्यात आले आहे. तरी आपण या उद्घाटन प्रसंगी 'संशोधन आणि प्रकाशन नितीमूल्य' या विषयावर बीजभाषण करावे, ही विनंती.

संबंधित कार्यक्रमाची गुगल मीट लिंक व्हाट्सअपद्वारे आपणास पाठविली जाईल.

समन्वयक



प्राचार्य
Principal

PRINCIPAL
Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn.) Dist. Parbhani

Co-ordinator
IQAC

Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn.) Dist. Parbhani - 431511 (M.S.)



Waqte Dr DSM Coll...

last seen today at 13:24



29 July 2023

Forwarded



**ICICI Bank Interview
Registration SGBM College ...**

Please share the following inform...
surveyheart.com

ICICI Bank Selection Drive Online

Profile: Senior officer RM

Salary: 2.4 to 3.11 lac PA

Date: 4th August 2023

Time: 11:00AM

Venue: ICT -1,SGBM Purna

Link for Registration: -

<https://surveyheart.com/form/64c5369e6f7f3c65bc5ad2f9>

Criteria:

- 1) Students should have 10th, 12th, graduation minimum 50% above.
- 2) Age: less than 25years 6months
- 3) Graduation should be from regular mode

Start your Career as a Value Banker with ICICI Bank, 21 Days Intensive Learning and Direct Placement of ICICI Bank > Salary 2.6 to 3.0 lac PA.

Co-ordinator
IQAC




PRINCIPAL
Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn.) Dist. Parbhani

Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn) Dist. Parbhani - 431511 (M.S.)

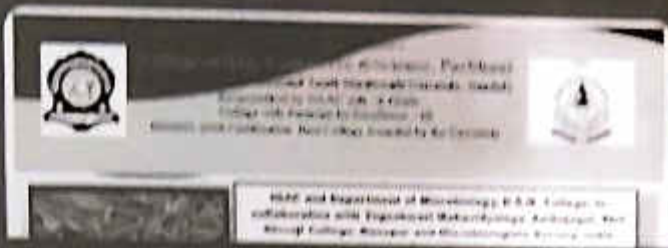
Message



←  Waqte Dr DSM Coll...
last seen today at 13:24



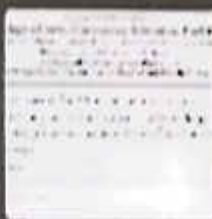
↪ Forwarded



 **DSM College Microbiology workshop.pdf**
1 page · 669 kB · PDF

19:20

↪ Forwarded



Registration for One Day Seminar Cum Workshop on " ...
11 March 2023
docs.google.com

Registration link : <https://docs.google.com/forms/d/e/1FAIpQLScP9PVsluFCvRKWp3qdcLxIVgzsjE1gupD5VWUpuu-gZuLbKg/viewform>

19:20

↪ Forwarded



Curriculum in View NEP 2020
Group chat invite


WhatsApp Group Link:
<https://chat.whatsapp.com/IMBiu7nfqMNEIBf...>

19:20

Co-ordinator
IQAC

Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn) Dist, Parbhani - 431511 (M.S.)

PRINCIPAL
Shri Guru Buddhiswami Mahavidyalaya,
Purna (Jn) Dist, Parbhani

 Message



**IQAC, Dept. of Microbiology, DSM College, PARBHANI in
association with Yogeshwari Mahavidyalaya, AMBEJOGAI,
Shri Shivaji College, RENAPUR and Microbiologists Society, INDIA**

**ONE DAY SEMINAR CUM WORKSHOP ON
"OPPORTUNITIES AND CHALLENGES IN
DESIGNING CURRICULA
IN VIEW OF NEP 2020"**



CERTIFICATE



This is to certify that Prof./Dr./Mr./Mrs.

Dr. Ravindra Raosaheb Rakh From.

S. G. B. Mahavidyalaya Purna.

has successfully attended and participated the "One Day Seminar and Workshop on
Opportunities and Challenges in Designing the new Curricula in view of NEP-2020" on
11th March 2023 at DSM College, Parbhani, MAHARASHTRA, India

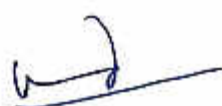

Prof. P. S. Wakte
CONVEYNER


Prof. S. C. Aithal
ORGANISING SECRETARY


Dr. A. S. Gangane
IQAC, Coordinator & Chief Organizer


Co-ordinator
IQAC
Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn) Dist. Parbhani - 431511 (M.S.)




PRINCIPAL
Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn.) Dist. Parbhani