

## **SIES College of Arts, Science and Commerce (Empowered Autonomous)**

Sion West, Mumbai 400 022

## 3.7.1 Details of collaborative activities for research, faculty exchange, student exchange, internship, on-the-job training, project work, etc. during the year (2023-24)

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact	Page No.
		details	
1.	Research Project	University of Chemistry and Technology, Prague	1-3
		Czech Republic	
2.	Participation in Gandhi Darshan Camp	Sri Jamnalal Bajaj Memorial Library and	4-5
		Research Centre for Gandhian Studies,	
		Sevagram Ashram Pratishthan	
3.	Internship - The Heritage Project	RPG foundation	6-9
4.	International conference on Biology,	Association of Fungal Biologists (AFB)	10-18
	Biodiversity and Biotechnology of Fungi		
	(ICBBBF –		
	2023)		
5.	Collaborative Research Project	Wockhardt Hospital, Mumbai Central, Mumbai,	19
	"Qualitative exploration of Integrated	Maharashtra 400071	
	Care Pathways for Multimorbidity in		
	Neurological Conditions: A Pilot Study in		
	Wockhardt Hospital"		
6.	Spoken Tutorial Project- Software	IIT Bombay, Main Gate Rd, IIT Area, Powai,	20-27
	Training IIT B	Mumbai, Maharashtra 400076	



## SIES College of Arts, Science and Commerce (Empowered Autonomous), Sion West, Mumbai 400 022

## AQAR 2023-2024

3.7.1 Details of collaborative activities for research, faculty exchange, student exchange, internship, on-the-job training, project work, etc. during the year 2023-24

Collaborative activities for research, faculty exchange, student exchange, internship, on-the-job training, project work, etc. during the year 2023-24.

This is to certify that pages from number 01 to 27 of the attached documents and reports are verified and found to be true.

Principal
I/C PRINCIPAL

SIES College of Arts, Science & Commerce (Empowered Autonomous) Sion (West), Mumbai-400 022.



#### CONTRACT ON COLLABORATION

concluded pursuant to provision of sec. 269, et seq. 2 of the Commercial Code nr. 513/1990 Coll. Of the Slovak republic, as amended.

## I. Parties to Contract

#### Contractor:

Comenius University Bratislava / Univerzita Komenského v Bratislave Seat: Šafárikovo nám. 6, 814 99 Bratislava 1 Represented by: Prof. JUDr. Marek Števček, DrSc., Rector University established by law Company Identification number (IČO): 00397865

Faculty of Natural Sciences

Seat: Mlynská dolina, Ilkovičova 6, 842 15 Bratislava 4 Represented by: prof. RNDr. Peter Fedor, DrSc., Dean Responsible for contractual matters: Dr. Pratik Doshi, Dr. Bozena Šerá

Workplace: Department of Environmental Ecology and Landscape Management

Represented by: RNDr. Martina Zvariková, PhD.

Collaborator 1: University of Chemistry and Technology, Prague. Czech Republic

Seat: Technická 5, Prague, Czech Republic Represented by: Dr. Vladimír Scholtz

Workplace: Department of Physics and Measurements

Represented by: Dr. Vladimír Scholtz Company identification number: 60461373 VAT identification number: CZ60461373

Collaborator 2: S.I.E.S College of Arts, Science and Commerce, Mumbai, India

Seat: Jain Society, Sion (West), Mumbai - 400 022, Maharashtra, India

Represented by: Dr. Satish Sarfare

Workplace: Department of Bioanalytical Sciences

Represented by: Dr. Satish Sarfare

Company identification number (PAN): AAAAS6062R

(hereinafter individually referred to as a "Party" and collectively referred to as "Parties")

#### 11.

### Object of Contract

 The aim of this joint-research project is to investigate the effect of artificially/chemically prepared plasma activated water on germination of different seed varieties from Europe and India. Additionally, different parameters of the

- chemically prepared plasma activated water will be investigated. The details of which shall be mentioned in the methodology.
- 2. Dr. Pratik Pravin Doshi will be the coordinator of the entire project.
- 3. The respective parties shall provide confirmation of the participation in the project and also the details of list of authors (name, email and affiliations) to be involved in the project and in the manuscript/article on their respective letterheads within one month from the signing of this contract.
- 4. The respective parties from CZ and IN shall provide the details of list of acknowledgments that needs to be added in the manuscript/article on their respective letterheads article on time.

## III. Financing and time of Performance

- The details of the quantity of the chemicals required for the entire proposed project will be informed to the Indian party by Dr. Doshi during the exchange of methodology.
- The Indian party will bear all the expenses of the chemicals and other materials to be used in the proposed project that is performed in India.
- Certified organic/bio seeds from India will be procured and delivered to S.I.E.S College by Dr. Doshi.
- Certified organic/bio seeds in Europe will be procured by CZ and SK party at their respective expenses.
- The CZ and SK parties will not pay for any expenditure for the proposed research project that is performed in India and vice versa.
- 6. SK and/or CZ will bear the cost of the article processing charges (APC) in case if it is submitted and accepted to a paid journal.
- 7. The duration of this project is from the signing of this contract to 31.8.2024.

#### IV.

## Ownership and exploitation of research results

- The data obtained during and at the end of the entire proposed experiment will be given to Dr. Doshi to analyze it statistically and for graphical representation of the data for the manuscript/article.
- Dr. Doshi will be the first author of the manuscript/article that will be made out of the entire data collected from IN, CZ and SK under this proposed project.
- Only the proposed names provided by the SK, CZ and IN parties will be listed as coauthors.
- 4. The final methodology will be binding for all parties involved in this cooperation.
- 5. Intellectual property generated prior to the establishment of this agreement shall remain in the ownership of its originators. Intellectual property generated after establishment of this agreement in non-related activities, i.e. independent of the other institution in this agreement, shall remain in the ownership of the institution whose staff generated it. Whereas, intellectual property generated jointly by representatives from the three partners of this agreement will be owned jointly by the institutions' concerned. Authorship of published materials that result from

collaborative activities between the various partners will reflect the respective contribution of the individuals concerned.

### Other related articles

- The Contract shall enter into force after the signature by both Contractual Parties, on the day following its publication in the Central Register of Contracts.
- The Contract may be supplemented or changed by mutually agreed and signed amendments.
- Each of the Contractual Parties is entitled to terminate this Contract in the event of a material breach by the other Contractual Party, provided that the Party which had breached its obligations did not remove the defective condition despite a written notice by the other Party in the time limit set by it.
  - The law applicable to this Contract shall be the law of Slovak Republic.
  - 5. Unless stated otherwise in this Contract, the legal relations thereunder shall be governed by the provisions of the Commercial Code, as amended.
  - 6. Both Parties declare that they made themselves familiar with the contents of this Contract, that it was not negotiated under duress or under otherwise unfavorable conditions and that they concluded it of their own volition, definitely, seriously and understandably.
  - This Contract is executed in three copies. Each Party shall receive one copy.
  - 8. Both Parties agree to publication of the contents of this Contract in full in the Central Register of Contracts in accordance with the Act no. 546/2010 Coll. of Laws amending the Act no. 40/1964 Coll. Civil Code in wording of later regulations, and amending and supplementing certain acts.

25 -09 - 2023

Bratislava, date LAA LOXI Prague, date....

Mumbai, date.

1 October 2023

ON BEHALF OF

FACULTY OF NATURAL SCIENCES. COMENIUS UNIVERSITY. BRATISLAVA, SLOVAKIA

ON BEHALF OF

UNIVERSITY OF CHEMISTRY AND TECHNOLOGY.

ON BEHALF OF

S.I.E.S COLLEGE OF ARTS, MUMBAI, INDIA

prof. RNDr. Peter Fedor, DrSc.

Prirodovedecká lakulta Mlynská dolina, likovičova 6 842 15 Bratislava. - 15 -

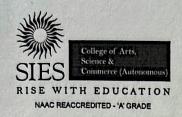
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CHEMICKO-TECHNOLOGICKA V PRAZE UNIVERZITA KOMENSKÉHO V BRATISLAVE Ústav fyziky a mefici techniky Technické 5, 166 28 Praha 6 444/2

Dr. Satish Sarfare

SIES College of Arts, Science & Commerce (Autonomous) Sign (West), Mumbai - 400 022

MUMBAI 400 022



## DEPARTMENT OF HISTORY

Department of History selected Mr. Abhay Mahadik, a student of SYBA to participate in the Gandhi Darshan Camp. A student of SYBA visited Sevagram, Wardha for a Gandhian workshop. The Gandhi Darshan Camp was organized by Sri Jamnalal Bajaj Memorial Library and Research Centre for Gandhian Studies Sevagram Ashram Pratishthan. The camp was conducted from 11 to 15 September 2023.

Abhay Mahadik actively participated in discussions and debates, elocutions, question answer sessions and many such activities and expressed well. Abhay successfully completed the course and benefited as the camp helped him to get more good understanding and exposure about Mahatm Gandhi's work and Philosophy.

Principal College of Arts, Science &

mmerce (Autonomous) (West), Mumbai - 400 022. MUMBAI 400 022

Dr. Varsha Muley
HOD History



## सेवाग्राम आश्रम प्रतिष्ठान SEVAGRAM ASHRAM PRATISHTHAN



Sevagram, Wardha, Maharashtra, India - 442 102

## CERTIFICATE

This is to certify that Abhay Mahadik participated in the Gandhi Darshan Camp for College/ University students of Maharashtra organized by Sevagram Ashram Pratishthan from 11 to 15 September 2023. The camp was coordinated by Sri Jamnalal Bajaj Memorial Library and Research Centre for Gandhian Studies (JBMLRCGS), Sevagram Ashram Pratishthan, Wardha. We appreciate his /her active participation in the course.

Sty s. Le

(Dr. Siby K. Joseph) Director

**JBMLRCGS** 

Secretary Sevagram Ashram Pratishthan

(Pradeep Khelurkar)

(Asha Bothra)
President
Sevagram Ashram Pratishthan

Sevagram

September 15, 2023

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RPG Foundation's The Heritage Project (THP) invited SIES College of Arts Science and Commerce (Empowered Autonomous) to be a part of Research Program Grant 'Cultural Mapping of Koliwadas of Mumbai'. Which is an extension of the Foundation's efforts to revive and promote Mumbai's native Koli community and their houses in the Koliwada. The focus is on documenting the Tangible and Intangible heritage of Mumbai's Koliwadas, home to the city's original

This program is a paid internship that encourages students pursuing their graduation or master's to undertake a group study of 4 months and document the interesting facets, tangible and cultural heritage, and occupational practices of the Koliwadas of Mumbai. The researchers will document communities, practices and rituals, built spaces, traditions and festivals, and tell the stories from

Mr. Abhishek Patil is the faculty in-charge between the RPG Foundation and students' of History

We suggested a group of 4 students to participate in the project which were accepted by the RPG

Following are the student's details who are selected for this internship.

- 2. Aarti Patil SYBA
- 3. Soumya Urmalia SYBA
- 4. Shashank Suresh Pillai TYBA

Or. Varsha Muley, (HOD, History)



Principal SIES College of Arts, Science & Commerce (Autonomous) Sion (West), Mumbai - 400 022,



From: TEAM THP <admin@theheritageproject.in>

Sent: Saturday, May 4, 2024 8:46:15 AM

To: Varsha Muley <varshasm@sies.edu.in>; Abhlshek Patil <Abhishekp@sies.edu.in>

Cc: ashwini <ashwini@rpgf.in>; vaidehi <vaidehi@rpgf.in>

Subject: Call for Applications: Cultural Mapping of Koliwadas of Mumbai

Dear Sir/Ma'am.

I am Ashwini Nawathe, Content, Research and Community Development lead at The Heritage Project. I am writing this email on behalf of RPG Foundation's The Heritage Project (THP). We are starting a new Research Program Grant and would like to extend an invitation to your esteemed college to participate and allocate students for the same.

About The Heritage Project: https://theheritageproject.in/

Born out of a need to preserve our heritage and make it known to all, RPG Foundation (<a href="https://rpqf.org/">https://rpqf.org/</a>) seeded The Heritage Project in 2018. The Heritage Project (THP) has been working with a vision of revival of heritage, by creating experiences in and around it, ensuring addressal of community needs, creating art and relevant infrastructure in keeping with the ecology. In keeping with this statement, the Heritage Project has been working on various sites in India. With our flagship projects, the Worli Koliwada and Banganga in Mumbai, we are fascinated by the lesser-known heritage the city of Mumbai has and would love to know its story.

About the Research Program Grant:

'Cultural Mapping of Koliwadas of Mumbai', is an extension of the Foundation's efforts to revive and promote Mumbai's native Koli community and their houses in the Koliwada. The

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ILO COM . ...

focus is on documenting the Tangible and Intangible heritage of Mumbai's Koliwadas, home to the city's original inhabitants.

This program encourages students pursuing their graduation or master's to undertake a group study of 4 months and document the interesting facets, tangible and cultural heritage, and occupational practices of the Koliwadas of Mumbai. The researchers will document communities, practices and rituals, built spaces, traditions and festivals, and tell the stories from the perspectives of local stakeholders.

For further information please see the document attached.

## Kindly Note:

- This will be a group activity. Students are expected to form a group of 4. The students can work on this post college hours on weekdays and weekends to meet the desired deliverables. Multiple entries from one college are allowed.
- The details of financials will be shared upon the college expressing their interest in participation.
- At the time of Application, each group should submit an Abstract of approx. 2000 words.

Request you to kindly let us know if your college would be interested in participating in the program. Thank you for your time.

## Regards,

Ashwini N.

From: "Abhishek Patil" < Abhishekp@sies.edu.in>
To: "TEAM THP" < admin@theheritageproject.in>
Sent: Tuesday, May 7, 2024 10:22:38 AM

Subject: Re: Call for Applications: Cultural Mapping of Koliwadas of Mumbai

Hello,

Thank you for this wonderful opportunity. I'm sure our students and the organization will gain a lot from this endeavour. Sending you the names of students that we have selected along with their contact information.

Name: Gargi Atre

Phone number: 8291114620 Email id: gargiatre79@gmail.com

Aarti Patil 9967357989 aartipatil2505@gmail.com

Shashank Suresh Pillai 9324373341 Pillaishashank02@gmail.com

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SIES College of Arts, Science & Commerce (Empowered Autonomous) Sion (West), Mumbai 400 022. Soumya Urmalia 9326257652 soumyaurmalia@gmail.com

Regards, Abhishek Patil Asst. Professor, Department of History

From: "TEAM THP" <admin@theheritageproject.in>
To: "Abhishek Patil" <a href="mailto:abhishekp@sies.edu.in">Abhishekp@sies.edu.in></a>

Cc: "ashwini" <ashwini@rpqf.in>, "vaidehi" <<u>vaidehi@rpqf.in</u>>

Sent: Wednesday, May 15, 2024 4:56:16 PM

Subject: Re: Call for Applications: Cultural Mapping of Koliwadas of Mumbai

Dear Sir/Ma'am.

We are pleased to announce that your college's entry for the Research Program Grant have been accepted. We will soon be sharing an official letter of acceptance.

Thank you, Ashwini N.

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SIES College of Arts, Science &

Commerce (Empowered Autonomous)

Sion (West), Mumbai 400 022.

NAAC REACCREDITED - 'A' GRADE • BEST COLLEGE AWARD - UNIVERSITY OF MUMBAI

Date: 4th January 2022

To,

The Assistant Registrar of societies,

Mumbai Region, Mumbai.

Subject: No Objection Certificate

Respected Sir,

I, Dr. (Mrs.) Uma Shankar, undersigned, the Principal of SIES College of Arts, Science and Commerce (Autonomous) Having address Plot 16/107, SIES College, Swami Vallabhdas Marg, Road no. 24, Sindhi colony, Sion, Mumbai 400022 has no objection to use the mentioned said address as a place to the Association i.e., "Association of Fungal Biologists".

Yours faithfully,

(Dr. Uma Shankar)

I know the signatory, who signed in my presence.

Signature of Applicant



विशेष-अ.जा./मु. सा. वि./५० म.

002097

क्रमांक



## नोंदणी प्रमाणपत्र

संस्था नोंदणी अधिनियम, १८६०

(१८६० चा अधिनियम, २१)

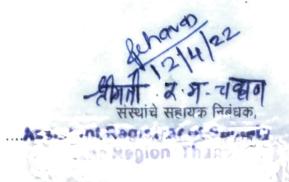
नोंदणी क्रमांक महा | 449 रि०२२

याद्वारे असे प्रमाणित करण्यात येते की, ASSOCIATION OF FUNGAL BIOLOGISTS, THANE (W)

खालील तारखेस संस्था नोंदणी अधिनियम, १८६० (सन १८६० चा अधिनियम, २१) अन्वये योग्यरित्या नोंदणी करण्यात आली.

तारीख : रोजी माझ्या सहीनिशी दिले.









## **Conference Report ICBBBF 2023**

International conference on Biology, Biodiversity and Biotechnology of Fungi (ICBBBF – 2023) and first annual meeting of association of fungal biologists was conducted on 1<sup>st</sup> and 2<sup>nd</sup> December 2023.

Held at SIES College of Arts, Science and Commerce (Empowered Autonomous), Sion (West), Mumbai. The conference was organised by Department of Botany, SIES College, in collaboration with Association of Fungal Biologists (AFB). Sponsored by Life Insurance Corporation of India, LIC Housing Finance Ltd., IDBI Bank, Bank of Maharashtra, Thane Bharat Sahakari bank, M Tech Pvt Ltd., Prerana enterprises, Mr. Raj Kumar, Mr. Srinivas Tutakne.

## Day One of the conference: Friday, 1st December, 2023

- Registration: Handled by Ms. Vinaya Patil
- Breakfast at 8:30 am
- Inauguration at 9:30 am

## **Inaugural Ceremony:**

- Dr. Neeraja Tutkane: Master of ceremony
- Lighting of lamp Dr. Uma Shankar, Dr. Sunil Deshmukh, Dr. Ravindra Bagool, Dr. Narendra Atri
- Ganesh stavan 'Omkar swaroopa' was rendered by Ms. Nandana Prabhu
- Inaugural address was given by Principal Dr. Uma Shankar
- Principal's address: SIES is celebrated its Diamond jubilee, in 2022, it soon to get a University, SIES has believed in openness for innovation. Dept of Botany was supported by dept of Environmental sciences. We are here to discuss, deliberate and foster collaborations. Philosophy is mother of all subject.
- Convenor of the conference: Dr. Mahavir Gosavi explained the concept note elaborating upon the Biology, Biodiversity and Biotechnology of Fungi, concluding that Fungi are at the interface of life and death.
- Dr. Sunil Kumar Deshmukh, Chairman AFB explained the Idea behind the formation of association of fungal biologists.
- Felicitation of Dr. R. G. Bagool (Founder, Association of Fungal Biologists), Dr. Narendra Singh Atri (Professor, Former, Head and Dean, Department of Botany, Punjabi University, Patiala, Punjab), Dr. Sunil Kumar Deshmukh (President, Association of Fungal Biologists), Mr. Raj Kumar (Former MD, Life Insurance Corporation of India) and sponsor representatives was carried out next.
- Vote of thanks by Dr. Neeraja Tutkane.





- Keynote address given by speaker Dr. Narendra Singh Atri who was introduced by Dr. Pramod Ghoghre (Head, Department of Microbiology, SIES College)
- In his address, Dr. N. S. Atri spoke about diversity of mushrooms, truffles, from chicken like edible mushrooms to poisonous and from Himalayan Viagra to hallucinogenic effects of fungi. Ended his note saying that there is a lot scope for students, researchers and entrepreneurs if they explore the world of mushrooms and their diversity.

## **Technical Session I**

Conducted by Mrs. Sakshi Raj Kumar

• Chairperson: Dr. Belle D. Shenoy

Co-chairperson: Dr. Vishnu Vaze

#### Online Lead lecture I

• Dr. Fung Shin Yee [Medicinal Mushroom Research Group (MMRG), Department of Molecular Medicine, University Malaya, Kuala Lumpur, Malaysia] from spoke about Tiger milk mushroom which a rare and costly fungus. But now being easily grown on agar and rice. Aqua cool extract technology was developed her team. They have carried out multifaceted clinical research has been done on the tiger milk mushroom.

## **Oral Presentations begin:**

- Abha Marathe
- Ankita Raul
- Aqsa Naik
- Archana Ghugal
- Vinod Kumar Kushwaha
- Jyoti Vishwakarma
- Manasi Kamat
- Dr. Mona Kejariwal

Poster Session went on simultaneously conducted efficiently by Ms. Sandra Balakrishnan.

Hospitality was effectively managed by Mrs. Ruchika Dani.

#### Lunch break





### **Technical session II**

• Conducted by Ms. Snehal Unde

• Chairperson: Dr. S. K. Singh

• Co-chairperson: Dr. Kavita Rambal

#### Lead lecture I

Leveraging coalescent methods to redefine species boundaries

• Dr. Belle D. Shenoy (Principal Scientist, CSIR - National Institute of Oceanography Regional Centre, Visakhapatnam in Andhra Pradesh, India) spoke on redefining the ideology of fungal classification. He hinted at paradigm shift in taxonomy.

#### Lead lecture II

Applications of fungal biopolymers and bio-composites

• Dr. Shilpa Verekar, (Parle Agro Pvt. Ltd., Mumbai) spoke about exploring fungi for their potential applications in making bio-composite materials.

## **Expert Talk 1: Insights into the Fungal World**

Morphotaxonomic and phylogenetic studies on Saprolegniales

• Dr. P. N. Singh (National Fungal Culture Collection of India, Biodiversity and Palaeobiology Group, MACS - Agharkar Research Institute, Pune) spoke about the need for both morphotaxonomic and phylogenetic studies on fungi, specifically focussing on Saprolegniales

## **Expert Talk 2: Insights into the Fungal World**

Truffles beyond culinary appeal

• Dr. Nirali Dedhia (Assistant Professor, Department of Food Engineering & Technology, Institute of Chemical Technology, Matunga (E), Mumbai) spoke about variety of truffle mushrooms and how truffles are more lucrative. Matcha tea as super antioxidant.

## Session was followed by 10 online oral presentations:

- Madhulika Singh
- Pallavi Champaneria
- Yogesh Urdukhe
- Sunil Bhagat
- Ratan Sarnaik
- Darshana Patil
- Shoaib Lone





- Tejal Rikame
- Vanita Awari
- Vaishali Basugade

This session was followed by the first annual meeting of the Association of Fungal Biologists, where the future activities of the association were discussed. The deliberations were successful.

## Day Two of the conference: Saturday, 2<sup>nd</sup> December, 2023

## **Technical Session III**

- Conducted by Ms. Snehal Unde
- Chaired by Dr. Shilpa Verekar
- Co-chaired by Dr. Vaishali Nirmalkar

#### Lead lecture

• Dr. Sunil Kumar Deshmukh (President, AFB) spoke on Natural colours from endophytic fungi. He explained strategy for enhanced production, encapsulation, pros and cons of different methods.

### Lead lecture

• Prof. Susanna Badalyan (Professor and Head of Laboratory of Fungal Biology and Biotechnology, Institute of Biology, Yerevan State University, Armenia). Her topic was Asexual Reproduction in Agaricomycetes Fungi (Phylum Basidiomycota). She spoke in detail about nomenclature, taxonomy and systematics of fungi.

#### Lead lecture

• Green Myco-nano-biomaterials for the Management of Pathogens and Fitness of the Plants: Perspectives and Pitfalls by Dr. Mahendra Rai (Department of Chemistry and Pharmacology, Federal University of Piaui (UFPI), Teresina, Brazil). He cautioned about growing agrochemicals market and hence pollution. Myco-synthesized (nanoparticles synthesized from fungi) nanoparticles are better as compared to phyto or chemo-synthesized nanoparticles.

## Session was followed by 13 oral presentations:

- Monica Sharma
- Monika Dhorkule
- Nalini Singh
- Pandurang Bagam
- Pramod Kamble
- Saif Khan





- Sayali Khedekar
- Shiwali Rana
- Sushant Bornak
- V. V. Kamble
- Vaishali Nirmalkar
- Ashwini Deshpande
- Yogesh Patil

#### Lunch break

#### **Technical session IV**

- Conducted by Mrs. Sakshi Raj Kumar
- Chaired by Dr. N. S. Atri
- Co-chaired by Dr. Lal Saheb Yadav

#### **Lead Lecture I**

• Dr. Sanjay Singh (National Fungal Culture Collection of India – A National Facility, Biodiversity & Palaeobiology Group, MACS – Agharkar Research Institute, Pune) talked about Conservation of Mycological Heritage of India and Their Industrial Applicability. He talked about the need for preservation of Fungal diversity which are the goldmines for inventions in biotechnology. He also explained the importance of Fungal Culture collections and urged the researchers and students to submit their newly discovered fungi at these culture collection centres.

## **Online Lead Lecture II**

• Dr. D. Jayarama Bhat (Distinguished Scientist Fellow, College of Science, King Saud University, Riyadh, Saudi Arabia; Formerly, Professor of Botany, Goa University, Goa, India) spoke about Taxonomic understanding of conidial fungi. He emphasized on the need to provide molecular phylogenetic backup. One fungus one name he advocated.

## **Expert Talk 2: Insights into the Fungal World**

• Dr Rohit Sharma (Center for Biodiversity Exploration and Conservation (CBEC), Jabalpur—482 021, Madhya Pradesh, India) Diversity, Phylogeny, Bioprospecting of Cultivable Fungi from Fambong Lho Wildlife Sanctuary & Antimicrobial Potential of *Simplicillium lamellicola* FFL 21.





## **Valedictory Lecture**

- Prof. Sanjay Deshmukh (Former, Vice-Chancellor University of Mumbai, and Prof. of Life Sciences) graced the occasion. He was welcomed by Principal Uma Shankar, SIES. In his Valedictory lecture, he compared each small contribution in the fungal world to the seven notes of symphony. He said, "we must, like conductor of orchestra, play the instruments of science to make symphony of life for betterment of the globe."
- Prize distribution at the hands of Prof. Sanjay Deshmukh and Dr. R. G. Bagool (Founder, AFB).

## Winners of Prof. M. S. Patil Merit Award

- 1<sup>st</sup> prize Oral presentation: Dr. Shiwali Rana (Agharkar Research Institute, Pune)
- 2<sup>nd</sup> prize Oral presentation: Mr. Sushant Bornak (Rajaram College, Kolhapur)
- 1<sup>st</sup> prize Poster presentation: Ms. Mallika Suthar (Agharkar Research Institute, Pune)
- 2<sup>nd</sup> prize Poster presentation: Ms. Waheedunnisa Chaudri (SIES College)

## Winners of P. S. Gharse Memorial Special Prize

- 1<sup>st</sup> prize for Poster presentation: Ms. Shubhada Phopale (Uttan Vanoushadhi Sanshodhan Sanstha
- 2<sup>nd</sup> prize for poster presentation: Dr. Deepak Shelke (Department of Botany, Amruteshwar Arts, Commerce and Science College, Vinzar, Velha, Pune)

Vote of thanks proposed by Mrs. Ashwini Deshpande, co-convenor, ICBBBF - 2023.

## **Technical Report:**

- The total number of participants registered was 120 out of which 80 attended and about 24 joined online.
- The total number of abstracts received was 72: 36 for oral and 36 for poster.
- 23 presented in person and 10 presented using virtual mode. The total number of posters presented were 32 out of 36.
- Technical support by given by Ms. Priyanka Mahanty; effectively managed. Certificate distribution was handled by Ms. Vinaya Patil, Ms. Ruchika Dani, Ms. Sandra Balakrishnan, Mr. Chiranjeev Roy and Ms. Ankita Raul.
- The messages, forewords, and abstracts were compiled in a very well-designed book sponsored by LIC Housing Finance Ltd. It was given along with a beautiful and visually appealing calendar, courtesy Department of Botany, SIES, in beautifully designed shoulder bag that was sponsored Mr. Srinivas Tutakne. The conference received funding from silver sponsor LIC of India, supported by LIC Housing Finance, IDBI Bank, Bank of Maharashtra, Thane Bharat Sahakari Bank,





M-Tech Pvt. Ltd.,and Prerana Enterprises. Mr. Raj Kumar (Former, Managing Director, Life Insurance Corporation of India) helped to get the funding.

- The conference was conducted in hybrid mode in Prof. P S. Ramaswamy mini auditorium situated on the ground floor of the college. The poster presentation was in the adjoining multimedia room. Both the arrangements were excellent. The washrooms were clean and close by. The entire arrangements gave a positive feeling of oneness under the leadership of respected principal. The faculty members and student volunteers were always attentive and warm. The non-teaching staff too was very helpful.
- Hospitality arrangements were in open space and Gymkhana. The food was served by Mr. Kalpit Vaidya with a family touch and was as diverse as the papers and posters presented in the conference.

Head, Department of Botany and Convenor, ICBBBF 2023,

Dr. Mahavir Gosavi

Principal
SIES College of Arts, Science &
Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

From,

Dr. Sheetal Goyal,

Wockhardt Hospital,

Police Station, 1877 Doctor Anandrao Nair Marg, Near Agripada, Mumbai Central, Mumbai,

Maharashtra 400011.

Subject: Acknowledgement of Megha Tiwari as Co-Principal Investigator in an approved

study at Wockhardt Hospital.

To Whomsoever it may Concern

This is to acknowledge that Ms. Megha Tiwari who is currently working as an Assistant Professor at SIES College of Arts, Science and Commerce (Empowered Autonomous) is an approved Co-Principal Investigator in the study titled "Qualitative exploration of Integrated Care Pathways for Multimorbidity in Neurological Conditions: A Pilot Study in Wockhardt Hospital, Mumbai".

The Principal Investigator for the study is myself, Dr. Sheetal Goyal (Consultant Neurologist) and the study has been approved by the Institutional Review Board (IRB) of Wockhardt Hospital on the 10th May 2024.

I certify that all ethical guidelines and clinical practice guidelines will be followed throughout the implementation of this project.

Thanks And Regards,

**Dr. Sheetal Goyal,** Consultant Neurologist, Wockhardt Hospital. Dr. Sheetal Goyal
Consultant Neurologist
MBBS, MD Internal Medicine
DM Neurology (NIMHANS)
PDF in Cognitive Neurosciences (NIMHANS)
Movement Disorders, inj Bolulinum toxins
and Deep Brain Stimulation
MMC Reg No. 2022129508

SIES College of Arts, Science & Commerce (Empowered Autonomous) Sion (West), Mumbai 400 022.

WOCKHARDT HOSPITALS LTD.
Unit - Adams Wylie Memorial,

1877, Dr. Anand Rao Nair Marg, Mumbai Central, Mumbai - 400 011

Landline: 022-61784444 Fax: 022-61784242 Website: www.wockhardthospitals.com

CIN NO: U85100MH1991PLC063096



भारतीय प्रौद्योगिकी संस्थान मुंबई पवर्ड, वंबई-400 076, भारत

Indian Institute of Technology Bombay Powai, Mumbai-400 076, India rent/Phone : (+91-22) 2572 2545

tweets/Website : www.litb.ac.in

## LETTER OF ASSOCIATION

Ref.No. STIITB/2024/3843

Date - 18/06/2024

To
The Principal,
SIES College of Arts, Science & Commerce (Autonomous), Sion,
Jain Society, Sion West, Mumbai, Maharashtra - 400022

Your association is highly appreciable. We are happy to announce the continue ASSOCIATION of Knowledge Partner Spoken Tutorial Program, IIT Bombay with SIES College of Arts, Science & Commerce (Autonomous), Sion. Your College is officially partnered as an Academic Partner of IIT Bombay Spoken Tutorial (Academic year October 2023-24). We appreciate the efforts that College took and trained 208 students in the last semester.

The Program is a part of the National Mission on Education through ICT, <u>MoE</u>, <u>Govt.</u> of India, to spread IT Literacy all over India. We are promoting the learning and usage of Free & Open Source Software (FOSS), through an Audio-Video teaching tool, viz, 'Spoken Tutorial'.

Looking forward to see the same successful working relationship and keen to see SIES College of Arts, Science & Commerce (Autonomous), Sion. Your College as a model in the matter of introducing the ICT MOOCs, FOSS based training in Maharashtra via ST IIT Bombay.

For and On behalf of Spoken Tutorials, Indian Institute of Technology, Bombay

Akanksha Saini

Mrs. Akanksha Saini National Coordinator Spoken Tutorial Project, IIT Bombay TRUE COPY

SIES College of Arts, Science & Commerce (Language Autonomous)

I/C PRINTIPAL



## Spoken Tutorial 2023-2024

## Title of the workshop/event: Spoken Tutorial Project- Software Training IIT B

**Background:** Spoken tutorial project is about teaching and learning a particular FOSS (Free and Open Source Software) as a part of evaluation for semester 3 and semester 4 compulsory 2 credits.

## Aims and Objectives:

- 1. Make quality educational content available to a wider audience, particularly those who may not have access to formal education or resources.
- 2. Encourage learners to develop self-learning habits through engaging, step-by-step tutorials that can be accessed anytime and anywhere.
- 3. Provide practical and technical skills training in various subjects, especially in IT and software-related fields.

**Location:** SIES College of Arts, Science and Commerce, Sion (w)

Target Audience or Participants with Expected Number: All Second Year students

(approximately 700)

**Date of the Activity:** September 2023 – December 2023

Name of the Resource Person or Organizer: IIT Bombay jointly with SIES College Arts, Science and Commerce, Autonomous.

#### **Outcome or Feedback:**

- 1. The majority of the participants reported a higher level of satisfaction with the courses.
- 2. The flexibility offered by self- paced learning was specially appreciated by student participants.
- 3. The students found the timely help offered by COE staff and volunteers to be accommodating as they have reported earlier about the difficulties in accessing the course, filling of forms and other minor issues.

## 4. Funding, if any: None

**Report:** The Spoken Tutorial credit course comprised 2 credit courses for second year students of arts, science, commerce and management. A committee was formed comprising of 11 faculty members with Ms. Mahalaxmi Nadar as the convener and Ms. Maya Nair as the joint convener. The 2 credit courses were self- paced where the enrolled students learnt online courses like LIBICAL, INKSCAPE, LINUX etc. A total of approximately 700 students enrolled for the courses in 2023-2024. The pass percentage was 99% and the students received a valid certificate.

Signature of Co-ordinator

Principal (Stamp & Sign):

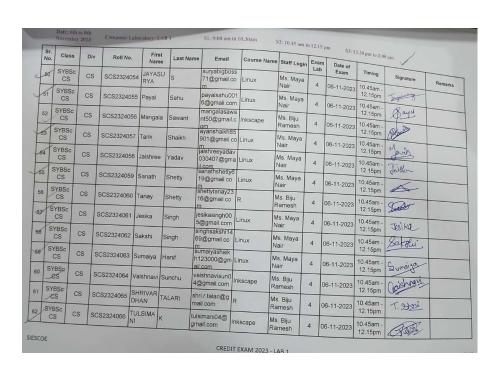
Principal
SIES College of Arts, Science &
Commerce (Autonomous)
Sion (West), Mumbai - 400 022.

College seal:

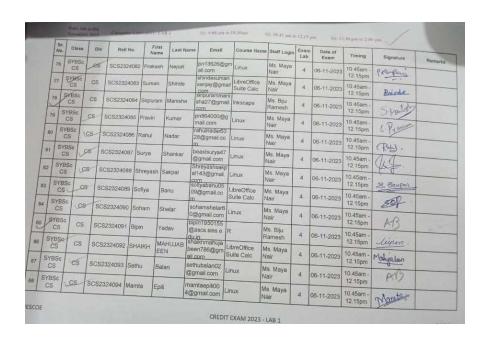


## **Annexure 1 (Sample Attendance Sheet):**

	Sr. No.		s D	No Roll No	D.	First Name	Last Name	Email	Course Nam	e Staff Login	Exam	Date of	30 pm to 2:00	pm /		
-	63	SYBS	C	S SCS2324	067 Ke	eval	Vanage	kevalvanage @gmail.com	Linux	Ms. Maya Nair	Lab 4	06-11-2023	Timing 10.45am -	Signature	Remarks	
1	64	SYBS	C CS	SCS2324	068 Ya	ish	Vohra	yashvohra211 @gmail.com	Linux	Ms. Maya Nair		06-11-2023	12.15pm	Est		
1	65	SYBS	CS	SCS23240	70 Nit	esh	Choudhary	nc976997@g	Linux	Ms. Maya			12.15pm	Yash.V		1
F	66	SYBSC	CS	SCS23240	71 Vai	bhav	Kalambe	vaibhavkalam be2003@gma	Linux	Ms. Maya		06-11-2023	12.15pm	Morra		1
3	67	SYBSc CS	cs	SCS23240	72 Ang	jel	Maria	il com mariammalna dar100@gmai	Linux	Mair Ms. Maya			12.15pm	Shirt .		1
6	8 5	SYBSc	CS	SCS232407	3 Jasi		Nair	Lcom njasika2004@	LibreOffice	Nair Ms. Maya		06-11-2023	12.15pm	Angel		1
69	S	YBSc CS	cs	SCS232407	4 Kaus	shal I	1	oarsekarkaus	Suite Calc	Nair Ms, Maya		06-11-2023	10.45am - 12.15pm	Ansila.		1
70		YBSc CS	CS	SCS2324075	Robit	in	- Annal C	ohitnok2004		Nair Ms. Maya	4	06-11-2023	10.45am - 12.15pm	(R) aversion		
1	SY	BSc	cs	SCS2324076			ro	oshanjosepht	Linux	Nair	4	06-11-2023	10.45am - 12.15pm	AB		9
2	SY.	BSc BSc				an J	C	omas@gmail F		Ms. Biju Ramesh	4	06-11-2023	10.45am - 12.15pm	Respo		
	SYE	S Sc		SCS2324077	-	Y.	40	@gmail.com		Ms. Maya Nair	4	06-11-2023	10.45am - 12.15pm			-
1	C	S	CS	SCS2324078	Kajal	Gi	upta 49	@gmail.co L		Ms. Maya Nair	4	06-11-2023	10,45am	- Oad		-
1	SYB	5   9	CS S	SCS2324079	GUPTA	A SL		meetgupta9 @gmail.co R		Ms. Biju Ramesh	4	06-11-2023	12.15pm 10.45am	- Busta		
1	SYB:		s s	CS2324081	Mercy	Ant		thonymercy 2@gmail.co In	kscape	As. Biju Ramesh		06-11-2023	12.15pm 10.45am	- Nercia		
0	-									(Griffest)		2320	12.15pm			



	-	Class	S DI	Roll No.	First Name	Last Name	e Email	Course Name	2: 10.45 am to		Date of	50 pm to 2:00 y	m /	
	37	DS	DS	SDS23240	07 Reansh	Gupta	reanshgupta2 8@gmail.com		Ms. Biju	Lab	Exam	Timing	Signature	Remarks
	38	SYBSO	DS	SDS23240	08 Harikrish	n AG	harikrishnana g2005@gmail		Ramesh Ms. Biju	4	06-11-2023	9.00am - 10.30am	Apt	
1	39	SYBSC	DS	SDS232400		Jadhav	com nikijadhav230		Ramesh Ms. Biju	4	06-11-2023	9.00am - 10.30am	-1841	
1	40	SYBSC	DS	SDS232401			5@gmail.com sahiljadhav20		Ramesh Ms. Biju	4	06-11-2023	9.00am - 10.30am	Wighan.	
1	41	SYBSC	DS			JADHAV	102004@gma il.com		Ramesh	4	06-11-2023	9.00am - 10.30am	Ais	
F	12 3	DS		SDS232401		Jadye	vikasjadye@g mail.com	Inkscape	Ms. Biju Ramesh	4	06-11-2023	9.00am - 10.30am	July	
F	-	DS	DS	SDS232401	2 NAREN	JAMDAR	narenjamdar5 7@gmail.com	Inkscape	Ms. Biju Ramesh	4	06-11-2023	9.00am - 10.30am	earde	1
4	3 3	DS DS	DS	SDS2324013	Joel	Jinna	joeljinna7@g mail.com	R	Ms. Biju Ramesh	4	06-11-202	9.00am - 10.30am	Josephana	
4	S	YBSc CS	CS	SCS2324048	Om	Patil	ompatil4632 @gmail.com	Linux	Ms. Maya Nair	4	06-11-202		0 0	
45		YBSc CS	cs	SCS2324049	PRADNY	PATIL	pradnyapatil7 8904@gmail.c	Linux	Ms. Maya Nair	4	06-11-202	40.40	- Other a -	
46		BSc CS	CS	SCS2324050	Piyush	Prajapati	piyushprajapa ti0507@gmail. com	Linux	Ms. Maya Nair	4	06-11-202	40.45-	- Luc -	
47		BSc S	cs	SCS2324051	ANANYA	RAPOLU	ananyarapolu	Inkscape	Ms. Biju Ramesh	4	06-11-20	10.4500	1- 10g	e
18	SYE		cs s	50:52324052	Ditto George	Roche	dittoroche@a	Inkscape	Ms. Biju Ramesh	4	06-11-20	10 45-	n- 00 1	_
9	SYE		os s	SCS2324053	Sukaina F		sukainarupani )@gmail.com	Linux	Ms. Maya Nair	4	06-11-20	23 10.45a		-



(for detailed attendance sheet, check file)

## **Annexure 2 (Photos of the Event):**









# SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (Autonomous) SION WEST, MUMBAI-400022.

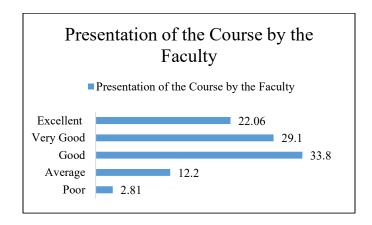
Centre for Excellence (2023 – 2024)

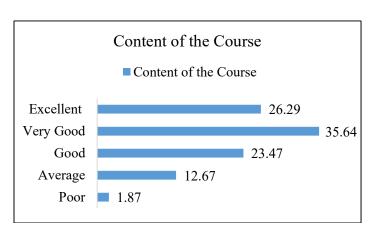
## SPOKEN TUTORIAL PROJECT – SOFTWARE TRAINING BY IIT, BOMBAY

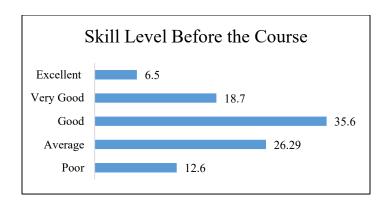
## Report on Feedback Analysis

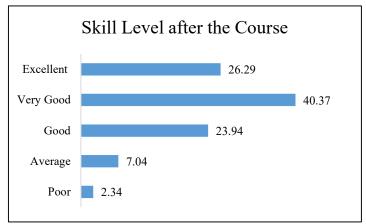
The participants of the course were asked to rate the courses offered based on five parameters which included: 1. Content of the course 2. Presentation of the course by the faculty 3. Skill level before the course 4. Skill level after the course 5. Overall organization of the course by the organisers. Participants were asked to rate on a linear scale ranging from 1-5 where 1 – Poor, 2 – Average, 3 – Good, 4- Very good, 5 – Excellent.

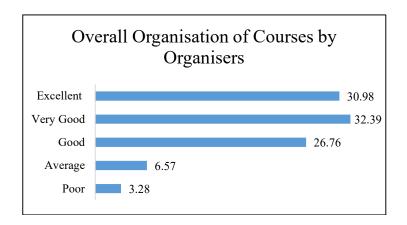
#### **Total Feedback Received = 213.**











#### **Overall Conclusion:**

The overall feedback analysis of the participants is clearly seen that majority have rated the courses as excellent and very good. Some participants gave suggestions on courses that can be offered. These suggestions included courses like Tally and Graphic designing. The feedback analysis shows that majority of the students have reported a significant improvement in their skills after the completion of the courses indicative of the success of the project.