



National Workshop on Indigenous Medicinal Knowledge System IMK-2025

11th and 12th March 2025



Organized by:



Science & Technology Resource Centre
Gondwana University, Gadchiroli

Hosted by:



Chandrapur Forest Academy of Administration,
Development and Management, Chandrapur

Supported by:



Gondwana University, Gadchiroli



Rajiv Gandhi Science and Technology
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Bridging Ancient Healing Traditions with Modern Scientific Rigour for Sustainable Healthcare



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Science and Technology Resource Centre

Gondwana University, Gadchiroli (M.S.)

Conceived and Funded by Rajiv Gandhi Science and Technology Commission, Mumbai, Govt. of Maharashtra

Message



It is both an honor and a responsibility to address you at the National Workshop on Indigenous Medicinal Knowledge-2025 (IMK-2025), hosted by Science & Technology Resource Centre (STRC), Gondwana University, Gadchiroli on 11th–12th March 2025. This event underscores the urgent need to protect and integrate the irreplaceable wisdom of traditional healing systems, particularly in Vidarbha—a biodiverse heartland with lush forests, rich tribal heritage, and generations of medicinal expertise. Yet, rapid modernization and ecological pressures threaten this living repository of Indigenous Medicinal Knowledge (IMK). The STRC's mission to bridge ancient wisdom with scientific innovation is not merely academic; it is a commitment to safeguarding Vidarbha's ecological and cultural identity while addressing contemporary challenges in healthcare, sustainability, and rural livelihoods.

As Chairman of the STRC's Governing Body, I emphasize that IMK-2025 transcends documentation—it aims to empower local custodians through collaboration among tribal healers, researchers, scientists, and policymakers. By fostering ethnobotanical studies, sustainable cultivation, and equitable frameworks, we seek to transform Vidarbha's medicinal wealth into a driver of conservation and prosperity. This workshop is a catalyst for actionable dialogue, reimagining how traditional knowledge can advance modern healthcare, align with Sustainable Development Goals (SDGs), and inspire ethical industry practices. Let us address region-specific challenges, such as sustainable resource management, and co-create solutions that honor tradition while embracing scientific rigor. Together, let's ensure Vidarbha's medicinal legacy thrives as a beacon of holistic health and environmental stewardship. Wishing you an enlightening and collaborative IMK-2025!

(Dr. Charudatta D. Mayee)
Chairman, Governing Body
STRC-Gondwana University Gadchiroli

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Dr. Prashant S. Bokare
Vice-Chancellor



Gondwana University
Gadchiroli
Maharashtra, India

(Established by Government of Maharashtra Notification No. MISC-2007/(322/07) UNI-4 Dated 27th Sept. 2011 &
Presently a State University governed by Maharashtra Public Universities Act, 2016 (Maharashtra Act. No. VI of 2017)

Message



It is with immense pleasure that I welcome all participants to the National Workshop on Indigenous Medicinal Knowledge-2025 (IMK-2025), hosted by the Science and Technology Resource Centre (STRC) Gondwana University, Gadchiroli and Chandrapur Forest Academy of Administration, Development and Management, Chandrapur. This landmark event underscores our commitment to bridging centuries-old healing wisdom with modern scientific inquiry. Indigenous Medicinal Knowledge (IMK) represents an invaluable heritage, rooted in the deep ecological and therapeutic insights of tribal communities and traditional healers.

IMK-2025 serves as a dynamic platform for interorganizational, academic and industry dialogue; uniting academia, industry, government, and tribal custodians to co-create solutions that honor tradition and spur scientific innovation. By empowering partnerships, we aspire to develop sustainable models for medicinal plant conservation, empower communities through livelihood opportunities, and pioneer holistic healthcare solutions that synergize ancient wisdom with modern science. I commend STRC team and Chandrapur Forest Academy for their visionary efforts and extend gratitude to all stakeholders for their participation. Let us seize this opportunity to strengthen collaborations, ignite transformative research, and reaffirm our shared duty to safeguard India's medicinal legacy. Together, we can pave the way for a future where tradition and innovation thrive in harmony. Wishing you a productive and inspiring workshop!


(Dr. Prashant Bokare)
Vice Chancellor
Gondwana University Gadchiroli

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Science and Technology Resource Centre Gondwana University, Gadchiroli (M.S.)

Conceived and Funded by RajIn Gandhi ScScience and Technology Commission, Mumbai, Govt. Of Maharashtra

Message



It is with immense pride and pleasure that I welcome you to the National Workshop on Indigenous Medicinal Knowledge (IMK 2025), organized by the Science & Technology Resource Centre (STRC) of Gondwana University, Gadchiroli, in collaboration with Chandrapur Forest Academy of Administration, Development and Management, Chandrapur. This workshop marks a critical effort to recognize, document, and revitalize India's rich repository of indigenous medicinal wisdom, nurtured by generations of tribal communities and traditional Healers. Indigenous knowledge, particularly among forest-dependent tribes and Vaidus (traditional healers) in Gadchiroli's biodiverse regions, represents a symbiotic relationship with nature and holds timeless relevance for holistic wellness, sustainable healthcare, and biodiversity conservation. However, this inherited knowledge—passed down through generations, ancient texts, and observation—faces the risk of extinction without scientific documentation and validation, urging immediate action to preserve its irreplaceable value.

To address this concern, STRC launched initiatives like the Van-Aushadhi Abhiyan (2017), Vaidu Sammelan (2019), and the Vaidu Directory (2021), culminating in the establishment of the Vaidya Chikitsalay in 2022. These efforts aim to elevate traditional healers' social recognition, validate their practices, and bridge indigenous wisdom with modern healthcare through research. IMK 2025 builds on this foundation by uniting researchers, policymakers, practitioners, and community representatives to foster cross-disciplinary collaboration, advocate ethical knowledge preservation, and develop policies safeguarding traditional knowledge holders' rights. The workshop seeks to integrate age-old healing practices with contemporary science, ensuring equitable, ecosystem-based healthcare solutions and sustainable livelihoods.

As we embark on this collaborative journey, I urge participants to engage actively, share insights, and co-create strategies to fortify a knowledge ecosystem that respects indigenous wisdom. By valuing these traditions, we can ensure their survival and global relevance in healthcare and conservation. On behalf of STRC and our partners, I extend heartfelt gratitude to all contributors and participants for enabling this platform of exchange and action. May IMK 2025 inspire impactful outcomes, shaping a future where traditional knowledge thrives alongside scientific progress. Wishing you all a productive and enlightening experience at this landmark event.



(Ashis Gharai)
Chief Program Officer and Head
STRC-Gondwana University Gadchiroli

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About IMK-2025

The National Workshop on Indigenous Medicinal Knowledge System 2025 (IMK-2025), organized by Science & Technology Resource Centre (STRC), Gondwana University, will be held on 11th and 12th March 2025, hosted by Chandrapur Forest Academy of Administration, Development, and Management, Chandrapur. This event aims to bridge traditional medicinal knowledge with modern scientific approaches, fostering collaboration among traditional healers, tribal communities, researchers, and policymakers. Centered on themes such as ethnobotany documentation, scientific validation of traditional practices, conservation strategies, intellectual property rights, and policy governance, the workshop seeks to create sustainable models for integrating indigenous medicine into contemporary healthcare systems. The workshop will feature keynote addresses by experts in ethnobotany, pharmacology, and policy-making, alongside interactive sessions and an exhibition showcasing ayurvedic products, community-led initiatives, and innovations in medicinal plant utilization. Participants, including academicians, local traditional healers, herbal practitioners, and industry stakeholders, will explore ways to enhance the credibility of indigenous knowledge while addressing challenges like bio-piracy and sustainable resource management. By aligning local practices with global standards, IMK-2025 aspires to position Gadchiroli as a hub for indigenous medicinal research and enterprise.

Objectives

1. To facilitate constructive dialogue and explore opportunities of collaboration among traditional healers, researchers, subject matter experts, and industry for the recognition, documentation, and advancement of Indigenous Medicinal Knowledge (IMK).
2. To promote sustainable utilization, commercialization, and community-led conservation of medicinal plant resources.

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Programme Schedule

Day 1 (11 th March 2025)		
Inaugural Ceremony	09:30 – 10:30 hrs.	Arrival of delegates, Registration and Distribution of workshop kits
	10:30 – 11:15 hrs.	Guest welcome , Felicitation and Inaugural address
	11:15 – 11: 30 hrs.	Keynote address: Dr. Charudutta Mayee (<i>Chairman, Agriculture Scientists Recruitment Board, New Delhi and Chairman Governing Body, STRC, Gondwana University, Gadchiroli</i>)
	11:30 – 11:45 hrs.	Address by Chairperson: Dr. Prashant Bokare (<i>Vice Chancellor, Gondwana University, Gadchiroli</i>)
	11:45 – 12: 15 hrs.	Introduction to the workshop and STRC efforts in conserving Indigenous Medicinal Knowledge
Session 1: (12:15 – 01:30 hrs.) Indigenous Medicinal Knowledge & Ethnobotany		
Technical Sessions	12:15 – 12:25 hrs.	Introduction of speakers and panel on-boarding
	12:25 – 12:50 hrs.	Presentation by Dr. Prabha Bhogaonkar (<i>Ex. Director, Government Vidarbha Institute of Science & Humanities Amravati, Maharashtra</i>) Topic: "Traditional Knowledge and its Application in Practice"
	12:50 – 13:15 hrs.	Presentation by Dr. Prashant Jakhi (<i>Principal, Government Science College, Gadchiroli</i>) Topic: "Role of Traditional Healers in Gadchiroli Context"
	13:15 – 13:30 hrs.	Session Consolidation
	13:30 – 14:15 hrs.	Lunch Break
Session 2: (14:15 – 16:45 hrs.) Integration of Traditional Medicine with Modern Healthcare System		
Technical Sessions	14:15 – 14:25 hrs.	Introduction of speakers and panel on-boarding
	14:25 – 14:45 hrs.	Presentation by Dr. Manohar Gundeti (<i>Research Officer-Ayurveda, RRA Podar Central Ayurveda Research Institute -CCRAS, Ministry of Ayush</i>) Topic: "Integration Modalities: Scope, Challenges and Strategies"
	14:45 – 15:05 hrs.	Presentation by Dr. Prachi Shirsagar (<i>Assistant Professor, Department of Botany, Modern College, Pune</i>) Topic: Wild Edibles: Connecting Traditional Healing with Modern Medicine
	15:05 – 15:25 hrs.	Presentation by Dr. Pramod Khobragade (<i>Professor and HOD, Dept. of Pharmacology (Dravyaguna) Datta Meghe Ayurvedic Medical College, Hospital and Research Centre, Nagpur</i>) Topic: "Ayurvedic Medicinal Plants Revolution: Recent Advancement and Future Directions"
	15:25 – 15:40	Presentation by Dr. V.G. Ugale (<i>Assistant Professor, R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur</i>) Topic: "Neuro-pharmacological Studies on <i>Crinum Woodrowii</i> Baker Extract for the Treatment of Alzheimer's Disease"
	15:40 – 15: 50 hrs.	Session Consolidation
	15: 50 – 16:20 hrs.	High-Tea and Exhibition

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Session 3: (16:20– 18:20 hrs.) Conservation, Sustainable Utilization & Commercialization of Medicinal Plants Resources

Technical Sessions	16:20 – 16:30 hrs.	Introduction of speakers and panel on-boarding
	16:30 – 16:55 hrs.	Presentation by Dr. Vijay M. Ilorkar (<i>HOD, Agro Forestry, PDKV, Akola</i>) Topic: 'Medicinal Plant Resources of Protected Area in Vidarbha Region with special Emphasis on NNTR'
	16:55 – 17:20 hrs.	Presentation by Dr. Mansingraj Nimbalkar (<i>Assistant Professor, Department of Botany, Shivaji University- Kolhapur</i>) Topic: "Commercialization of Medicinal Plants for Global Markets -Opportunities and Challenges "
	17:20 – 17:45 hrs.	Presentation by Dr. Vrunda Kate (Director, Shri Shail Herbs, Nagpur) Topic: Broader Conservation Issues and Industry Interface
	17: 45 – 18:20 hrs.	Experience sharing by Traditional Healers

Day 2 (12th March 2025)

08:30 – 09:30 hrs. Breakfast

Session 4: (09:30 – 11:00) Intellectual Property Rights & Biopiracy

Technical Sessions	09:30 – 09:40 hrs.	Introduction of speakers and panel on-boarding
	09:40 – 10:05 hrs.	Presentation by Dr. Bharat Suryavanshi (<i>Assistant Controller of Patents & Designs, Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur</i>) Topic: Intellectual Property Rights on Ethnomedicine
	10:05 – 10:30 hrs.	Presentation by Dr. Sharda L. Deore , (<i>Associate Professor Govt. college of Pharmacy, Amravati, Maharashtra</i>) Topic: IPR and Biopiracy on IMK
	10:30 – 10:40 hrs.	Session Consolidation

Session 5: (10:40 – 11:50) Policy, Governance, Institutional Support

Technical Sessions	10:40 – 10:50 hrs.	Introduction of speakers and panel on-boarding
	10:50 – 11:50 hrs.	Panel Discussion: Policy, Governance and Institutional Support (Role of AYUSH, National / State Biodiversity Board, Forest Rights Act and its Relevance to Conservation in CFR Areas)
	11:50 – 13:00 hrs.	Interface: Between Traditional Healers, Policy Makers, Govt. Officials, and Academicians
	13:00 – 13:30 hrs.	Closing ceremony and Feedback
	13:30 – 14:30 hrs.	Lunch
	14:30 – Onwards	Guest Departure

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General Instructions:

1. The event is scheduled for March 11–12, 2025 at Chandrapur Forest Academy of Administration, Development, and Management, Chandrapur, Maharashtra.
2. Entry and Security: Participants must enter through Entry Gate No. 02 and carry valid ID proof.
3. Workshop Venue: Sessions will be conducted at Workshop Auditorium – PRABHA.
4. Exhibition: A dedicated exhibition space will showcase traditional medicine, herbal products, and research initiatives.

Code of Conduct:

All attendees are expected to follow professional and ethical conduct and mandates of Chandrapur Forest Academy, while in the Campus.

Registration Details:

Who Can Register?

Academicians, Traditional Healers, Ethno-medicine Practitioners, Ayurvedic & Herbal Medicine Experts, Botanists, Ecologists, Pharmacologists, Policy Makers, and Researchers.

How to Register?

- Online registration is mandatory. Visit www.strc.org.in or scan the QR Code on the brochure to complete your registration.
- Registration Deadline: Please register before 9th March –2025 E.O.D. to secure your participation.
- Participation Confirmation: A confirmation email will be sent upon successful Registration.

Important Contacts:

For registration and event-related queries, please contact:

Ms. Manjusha – +91 75887 62147

Shri Ashish Bhoyar – +91 90226 54753

Email: strc.gug@gmail.com

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Venue

Chandrapur Forest Academy of Administration,
Development and Management, Chandrapur, Maharashtra

(Delegates are requested to enter the premises through Entry Gate No. 02)

Workshop Auditorium – PRABHA



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IMK-2025



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