



No.: EO/AI C/2025

Date: 12.08.2025

ENGAGEMENT OF AI CONSULTANT

The Madhav Institute of Technology & Science-Deemed University, invites “**Expression of Interest**” from the eligible experts/Individual consultants having expertise in the area of Artificial Intelligence. Interested experts may submit their “**Expression of Interest**” through hard copy to the office of Vice Chancellor or soft copy through email to vicechancellor@mitsgwalior.in latest by 14.30 hours on 4th September, 2025. The Terms of Reference for the Engagement of AI Consultant are available at MITS-Deemed University website at www.mitsgwalior.in.

TERMS OF REFERENCE FOR THE ENGAGEMENT OF AI CONSULTANT

The MITS is a leading Deemed University in India known for distinct features of Innovative Technical Education. The MITS-Deemed University is providing Technical Education in the Emerging Areas such as Artificial Intelligence, Data Science, Machine Learning & Internet of things etc and planned to expand the horizons of Technical Education in the area of Artificial Intelligence through Advanced Artificial Intelligence (AI) degree courses as per global demand of industries.

To promote and develop the mindset and skills for entrepreneurship and start-ups in the area of AI in the students, it is proposed to engage an AI consultant having vast industrial Experience in the AI domain at **National/International level** to meet out the following **Objectives**:

- To launch Innovative Model of Degree Program based on experiential learning from real world.
- Curriculum Upgrade to integrate AI competencies, entrepreneurial framework and cross functional skills.
- To develop Online & Offline modular short term courses.
- To Establish Venture studio to facilitate students-led startups addressing real world challenges.
- Community building through Technical Events such as hackathons, workshops, speaker series to foster student engagement.
- Strategic Partnerships & Faculty Integration for joint research, projects and students visits for internships and training and to create a global network of Professors of Practice.

Expectations & Responsibilities

a) Academic Excellence & Curriculum Development:

- Review and recommend cutting-edge curricula aligned with industry demands, NEP 2020, and Washington Accord outcomes.
- Help integrate LLMs, Generative AI, Edge AI, Federated Learning, Agentic Systems, and Responsible AI topics across AI/ML/Data Science programs.
- Guide the development of lab infrastructure, project-based learning modules, and skill-based certifications (e.g., via Coursera, NPTEL, AWS, NVIDIA DLI).
- Mentor faculty to design capstone projects and multidisciplinary electives.

b) Research and Innovation:

- Identify research focus areas and advise on setting up AI research labs (e.g., Computer Vision, NLP, Healthcare AI, Smart City AI).
- Help faculty and students to write research proposals for funding bodies like DST, AICTE, MeitY, or National/international collaborations.
- Guide in writing high-quality publications, patents, and participation in conferences, workshops, and journals.
- Encourage setting up startup incubators around AI technologies.

c) Faculty Development & Training:

- Conduct regular workshops and seminars on advanced AI/ML/DS topics and tools (TensorFlow, PyTorch, Hugging Face, etc.).
- Recommend and deliver train-the-trainer programs to upskill faculty in AI pedagogy and tools like Jupyter, GitHub Copilot, Prompt Engineering, etc.
- Help faculty understand how to integrate Bloom's Taxonomy and OBE principles for AI-centric course design.

d) Student Mentorship & Career Readiness:

- Guide students in project ideation, hackathons, open-source contributions, and competitions (Kaggle, Smart India Hackathon, etc.).
- Mentor students in career planning for AI roles: research (PhD), product development (MNCs), or entrepreneurship (startups).
- Facilitate hands-on bootcamps on real-world AI applications.

e) Industry Collaboration & MoUs:

- Identify relevant industry partners for internships, live projects, and guest lectures.
- Help sign MoUs with AI companies for knowledge exchange, internships, and placements.
- Facilitate AI-Ready Certification Programs in collaboration with AWS, Microsoft, Google, NVIDIA, etc.

f) Establishing Centers of Excellence (CoE):

- Help set up one or more CoEs in domains like:
 - AI for Healthcare
 - Computer Vision and Robotics
 - AI in Agriculture or Climate Tech
 - NLP and Indic Language Processing
- Ensure these CoEs contribute to skill development, research, and community outreach.

g) Technology Strategy and Digital Transformation:

- Advise on adoption of AI-driven tools in university operations – such as student analytics, automated grading, or smart campuses.
- Help develop in-house AI tools and solutions (e.g., chatbot for admissions, AI-based attendance monitoring).

Qualifications and experience required: Distinguished industry and other professional experts who have made remarkable contributions in their professions from Artificial Intelligence fields with at least 15 years of service/experience, preferably at a senior level.

1. Masters degree in any discipline.
2. Individuals with academic/ relevant qualification and experience in AI domain as Professor of Practice/Industry Consultant.

3. Work Experience as Technology Executive and Entrepreneur /contribution to AI based research/industry projects at **National/International level**.
4. Should be below the age of 60 years.
5. Individuals possessing above academic qualification with relevant industry (leading organizations engaged in AI integration & research) are eligible to apply.

Timelines

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| • Call for EOI | 13.08.2025 |
| • Start of receiving Eoi | 18.08.2025 |
| • Last date of Eoi | 04.09.2025 |
| • Intimation to Shortlisted Candidates for Interview | 15.09.2025 |

Submission of Application

Interested experts may submit their "**Expression of Interest**" along with supporting documents (copy of necessary documents pertaining to qualification, experience and identity) through hard copy to the office of the **Vice Chancellor, Madhav Institute of Technology & Science-Deemed University, Gola Ka Mandir, Gwalior-474001** or soft copy through email to vicechancellor@mitsgwalior.in latest by 14.30 hours on 4th September, 2025.

Selection of AI Consultant

- a) Individual Consultant will be engaged on the basis of appropriate experience and qualifications and academic/professional background of the individual. AI Consultant will be selected on the basis of capability to meet out the Expectations & Responsibilities as per ToR or through comparison of qualifications among those expressing interest in the assignment. Shortlisted candidates will be called for Offline/Online Interview. The MITS-DU will have the right to restrict the number of candidates for interview in proportion to number of vacancy. In case of offline interview, no TA/DA will be admissible to the candidates for appearing in the interview and Interview can be held at any location of Country.

Terms and Conditions of Contract:

1. Remuneration/Honorarium:

Consolidated amount, negotiable (mutually agreed between the institution and expert) as per MITS-Deemed University norms.

2. Permissible Travel Expenses for India Visit:

Travel expenses (for air fare by shortest path) for permitted meetings to visit Delhi/Gwalior in fourth and final quarter of the year will be provided to build relationships, refine objectives and to ensure alignment with the objectives. The cost of travel will be separately reimbursed by an appropriate class of travel as decided by the MITS-Deemed University.

3. The period of engagement – The contract will be initially for a period of **11 months**, after which it is extendable based on the MITS-Deemed University need and performance of the consultant and the approval of the competent authority.

4. No other expenses would be admissible for joining the assignment. The consultant shall not be entitled to any perquisites such as accommodation, etc.

5. The work/assignment timing will be as per mutually agreed terms & conditions.

6. The Consultant is expected to complete the defined assignment and not leave it mid-way.

7. The Competent Authority of MITS-Deemed University may amend any of the above conditions keeping in view requirement of assignment.
8. The MITS-DU may decide to extend the deadline for submission of proposals, as deemed appropriate by it. MITS-Deemed University reserves the right to decide to cancel this call for expression of interest, and not to proceed in the matter, at any stage accept or reject any or all offers, without giving any explanation, whatsoever.
9. The agreement with consultant will be governed and interpreted according to the laws of India.
10. Consultants shall not be hired for any assignment that would be in conflict with their prior or current obligations to other clients or that may place them in a position of not being able to carry out the assignments objectively and impartially.
11. The Consultants shall work under the control and supervision of the Vice Chancellor of the MITS-Deemed University or officers as may be authorized by him, but shall be liable to furnish his / her independent professional expert opinion. The Consultant shall submit his/her report/advice to the Vice Chancellor.
12. The Consultant will not be an officer of the MITS-Deemed University in terms of the Act or Rules or Regulations but other terms of appointment of the consultant in addition to consolidated remuneration and other conditions given in these Regulations, shall be such as may be decided by the MITS-Deemed University.
13. The AI consultant will maintain the confidentiality and follow the code of conduct, ethical and copyright policy of MITS-Deemed University.
14. Termination of Contract: The MITS-Deemed University shall have full right to appoint a Consultant or terminate, curtail or extend the terms of any Consultant at its sole discretion.
 - a. MITS-DU/Consultant reserves the right to terminate the contract, by giving 60 days notice.
 - b. MITS-Deemed University may terminate if:
 - (i) The Consultant is unable to address the assigned work.
 - (ii) Quality of the assigned work is not satisfactory.
 - (iii) The Consultant fails in timely achievement of the milestones as agreed mutually.
 - (iv) The Consultant is found lacking in honesty and integrity in confidential information.
 - (v) Any other reasons as deemed fit by the competent authority of MITS-Deemed University.

Important Note: Candidates are advised to visit the MITS-DU website for further information/update.

(Dr. R. K. Pandit)
Vice Chancellor
