

**Nutan Maharashtra Vidya Prasarak Mandal's (NMVPM's)**

**NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING AND  
TECHNOLOGY (NMIET)**

**Department of Artificial Intelligence & Data  
Science**

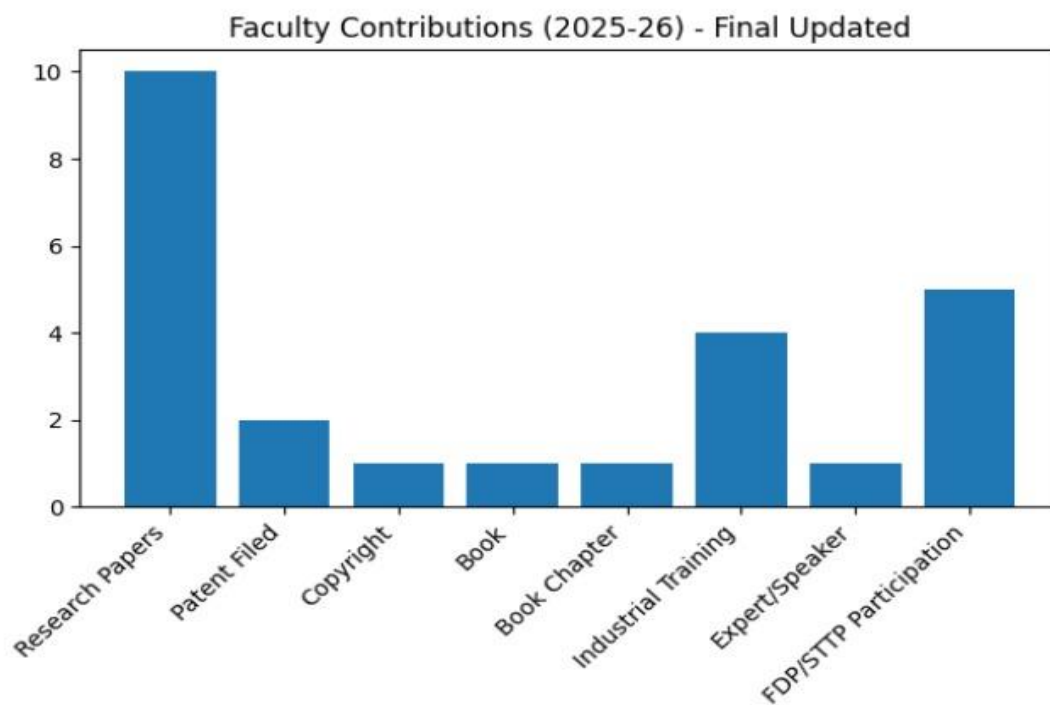
**Research and Development Cell**

**2025 - 2026**

## 1. Google scholar papers

S. N.	Year	Number of Papers
1	2026	01
2	2025	08
3	2024	34
4	2023	17
5	2022	03

## II. Faculty Contributions for AY 2025-26



## 2.1 Faculty Contributions for AY 2025-26 (QR Code)



## 2.2 Scopus Conference

1. Narendra B. Mustare, A. V. Subbarao, Pritam Ramesh Ahire, **Koteswararao Seelam**, Global Service Disruption and Infrastructure Resilience: A Case Study on Amazon Web Services (AWS) Outage of October 2025, December 19–21, 2025, 40th Indian Engineering Congress (IEC 2025), Durgapur, India
2. Kaparathi Uday, Daggubati Sunil, **Koteswararao Seelam**, Rapid Expansion and Urban Mobility Transformation: A Decadal Analysis of India’s Metro Network Growth, December 19–21, 2025, 40th Indian Engineering Congress (IEC 2025), Durgapur, India
3. **Koteswararao Seelam**, “an empirical analysis of CSR funding patterns in india (2014–2025): From compliance to impact” (Paper ID: 26ICAIDISS022) with us for the International Conference on AI-Driven Intelligent Systems for Sustainability (ICAIDISS 2026) ,Programme Schduled on 21/01/2025.
4. Prof Pranjali Bhalkar Feb 2026 Real-Time Detection and Classification of Barbell Lift Phases Using Enhanced YOLOv8 and Temporal Motion Analysis Conference IEEE, Scopus , accepted
5. Predicting Problematic Internet Use in Children: A Novel Methodology Leveraging Quadratic Weighted Kappa and Advanced Multi-Modal Feature Engineering Submitted Scopus, 2026

6. Prof.RajaKumar, Understanding Post-Disaster Queries Using Social Media Network Analysis and a Machine Learning Model: A Study of Turkey and Syria Earthquake 2023 Disaster Submitted Springer, December 2025

### III.Patents/Copyrights :

#### Copy Right Grant certificate

3.1 Dr Koteswararao Seelam ,”Awareness program on tree plantation in urban areas using website” , Application number:LD-45128/2025-CO, Date of Filing :05/11/2025.

#### 3.2 Patents Published

1. Application number: 202541036738A, Patent Publication Date: 02/05/2025, IP India

Title of Invention: DESIGN AND DEVELOPMENT OF AGRIBOT FOR AUTOMATIC SEED SOWING MACHINE. Status: Patent Published

2. Application number: 202541036739A, Patent Publication Date: 02/05/2025, IP India

Title of Invention: SECURITY MONITORING SYSTEM USING REGULATED

3. Dr Koteswararao Seelam,PATROLLING ROBOT FOR APARTMENTS,. Status: Patent Published.

#### 4. Book chapters /Books

1. Koteswararao Seelam “Constitutional Values and Real lived experiences in Andhrapradesh :A Narrative of Citizenship,Identity &Transformation ISBN :978-81-990503-4-1,Digital Repository for Indian Scholarly Texts & Information (DRISTI) Publisher,(March 2026).

2. Prof Pranjalai ,Technical Publications,jAN 2026 Title : :Introduction to UI/UX

Dr KOTESWARARAO SEELAM

R&D COORDINATOR

AI7DS DEPT