That’s awesome 🎉🔥 — being at **MIT Manipal** with library subscriptions means you have access to **almost all major publishers** (IEEE, ACM, Springer, Elsevier, Wiley, Taylor & Francis, etc.). This gives you a *huge advantage* compared to relying only on open-access sources.

Here’s how you can make the most of it 👇

**🔹 Where to Read New CS Research (with full access)**

**1. IEEE Xplore**

* Best for: Engineering, Image Processing, Machine Learning, Signal Processing, Networks, Security.
* Look at: *IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)*, *IEEE Transactions on Image Processing (TIP)*, *IEEE Transactions on Neural Networks and Learning Systems (TNNLS)*.

**2. ACM Digital Library**

* Best for: Computer science fundamentals, databases, human-computer interaction, software engineering.
* Top conferences: SIGGRAPH, SIGMOD, SIGCHI, KDD.

**3. SpringerLink**

* Huge collection of books + journals.
* Look at: *Lecture Notes in Computer Science (LNCS)* series → many CS conference proceedings.

**4. Elsevier (ScienceDirect)**

* Strong in applied computer science and interdisciplinary areas (medical imaging, AI in healthcare).
* Journals: *Pattern Recognition*, *Information Sciences*, *Computer Vision and Image Understanding (CVIU)*.

**5. Wiley / Taylor & Francis**

* More specialized journals.
* Good for niche areas like image forensics, bioinformatics, multimedia.

**🔹 How to Stay Updated Weekly**

Since you have **institutional access**, here’s a workflow you can follow:

1. **Set up Alerts (Google Scholar / IEEE / ACM)**
   * Example: "image enhancement" deep learning
   * You’ll get emails whenever new papers appear.
2. **Follow Top Conferences**
   * NeurIPS, ICLR, ICML → cutting-edge AI/ML.
   * CVPR, ICCV, ECCV → latest image processing/computer vision.
   * IEEE ICIP → specialized in image processing.
3. **Check ArXiv for Preprints**
   * Even though you have subscriptions, most *latest breakthroughs appear on arXiv first*.
4. **Use Library Remote Access**
   * MIT Manipal library → usually has a proxy/VPN to access IEEE/ACM/Springer from home.
   * Means you don’t need to wait or ask for copies on ResearchGate.

**🔹 Special Tip for You**

Since you’re working on **DopaTrack-AI (mental health + image/AI analysis)**, you should track:

* **IEEE Transactions on Affective Computing** (emotion recognition, affective AI).
* **Computer Vision journals/conferences (CVPR, ICCV, ECCV)** for image processing backbone models.
* **Medical Imaging journals (Elsevier + IEEE EMBC)** for signal + emotion tracking from faces, EEG, etc.

👉 With your access, you’re at a level where you can **directly compare and cite top-tier works** in your paper — which boosts credibility for publication.

Do you want me to prepare a **curated list of must-read journals & conferences specifically for Image Processing + AI + Mental Health**, so you can focus only on the most relevant ones for *DopaTrack-AI*?