



**DIRECTORATE OF FORENSIC SCIENCE SERVICES  
MINISTRY OF HOME AFFAIRS, GOVT. OF INDIA**

**INVITES RESEARCH PROPOSALS UNDER EMR SCHEME**

Directorate of Forensic Science Services under Ministry of Home Affairs, Government of India has implemented the Extra Mural Research (EMR) Programme through which financial support is provided to eligible investigators/ institutions for carrying out research activities related to emerging areas of Forensic Science. For the year 2021-22, the priority areas of research studies and projects are :

1. Damaged Media Analysis
2. Automatic approach for facial recognition
3. Sequence of Strokes and determination of manipulations in the digital documents
4. Personal behavioral characteristics and psycho-linguistics characteristics for personal identification
5. Development of software for DNA database
6. Development of X-STR/Y-STR/Autosomal Kits indigenously
7. Development of software for recovery of overwritten /deleted files from CCTV/DVR/Hard Disk.
8. Reconstruction of corrupt /bad sector video files retrieved from CCTV/DVR
9. Computerized approach for decrypting data from encrypted disk partition
10. Recovery of previous user data from factory reset phones and formatted flash memory
11. Decryption of whatsapp database files retrieved from phone memory
12. Development of software for authentication of audio-video footage
13. Enhancement of CCTV Footage and recognition of person through computer approach(Facial Recognition)
14. Automatic identification of signatures/handwriting
15. Computerized technique for identification of fired ammunition with respect to Fire Arms and creation of database
16. Development of device for collection and detection of fumes and vapors produced by inflammable substances
17. Any other project of emerging forensic interest

Accordingly, applications are invited from eligible investigators/institutions in prescribed format for consideration of project proposals for support during the year 2021-22. The details of the Scheme, eligibility and Application are available at [www.dfs.nic.in/whatsnew](http://www.dfs.nic.in/whatsnew) . The proposals in triplicate in the prescribed format along with necessary enclosures may be submitted to the Directorate of Forensic Science Services, MHA, Block No. 9, 8<sup>th</sup> Floor, CGO Complex, New Delhi 110003 (by post) and email: [ssofs-dfss@nic.in](mailto:ssofs-dfss@nic.in)) within 30 days from the date of Publication of this Advertisement in the leading newspapers.

Sd/-

**Sr. Scientific Officer Gr. I (FS), DFSS**