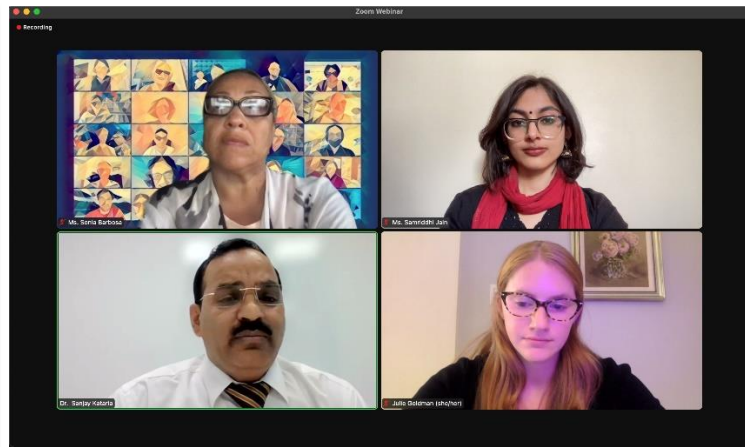**Report – Online Workshop on Research Data Management**

On August 2, 2022 at 3:00 PM (IST), an online workshop on *'Research Data Management'* was organized by the Learning Resource Centre and Internal Quality Assurance Cell (IQAC) team at Bennett University in collaboration with the Association of Commonwealth Scholars and Fellows (ACSF) and Indian Academy of Medico-Legal Experts (IAMLE). 400+ participants from the scholarly community across 20 countries participated in the workshop.

Ms. Samriddhi Jain, BBA-2nd year student from Bennett University anchored the event and warmly greeted and introduced the panellists and speakers. She also introduced the topic of discussion for the day – Research Data Management, its significance in the scholarly community.

A research-based study entails huge effort in data collection which may be of great importance to the fraternity and accelerate further research in the same line if curated and managed properly. The main aim of this workshop was to create awareness about RDM and encourage the community towards a pedagogical shift taking a cue from the best practices.

Prof. Prabhu Aggarwal, Hon'ble Vice Chancellor of our University opined that RDM is still in conceptualization phase among the budding scholarly communities in many countries. "The data generated during research when promoted in public domain can accelerate and enhance research."

Dr. Dhruva Chaudhry (Professor & Chair), Dept of Pulmonary & Critical Care PGIMS and President of ACSF spoke about the importance of datamatics from clinical point of view. He also introduced the gathering about the foundation of ACSF and thanked BU for hosting an event on this topic.

Dr. Adarsh Kumar who is the President of IAMLE was very enthusiast about the whole concept of managing data and making it reusable. According to him "budding researchers may not be well versed with such upcoming concepts, and it may really turn out to be very useful in near future."
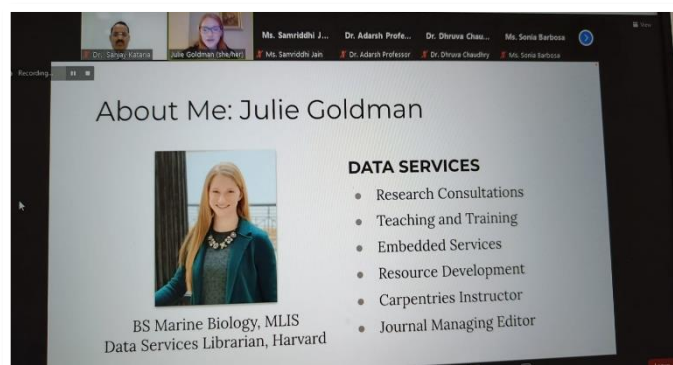

Prof. Sanjay Kataria, Librarian and moderator of the session introduced the topic among the august gathering. He opined about the significance of curating and preserving researched data and making it accessible in public domain so that it can be used and reused in future. Addressing the participants, Prof. Kataria said th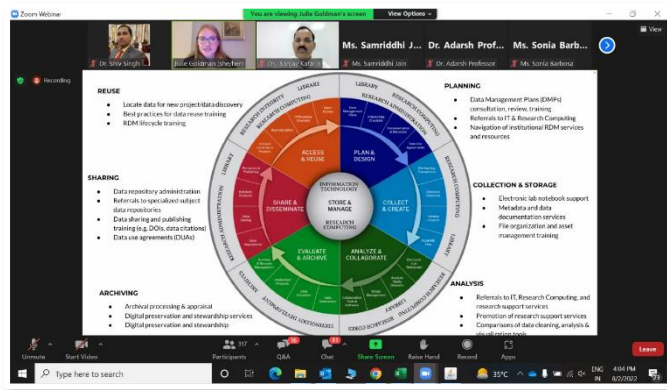at Indian Government has also stepped in this direction and notified a Data Sharing and Accessibility Policy in 2012 and several organisations including DBT, DST, ICSSR, CSIR, etc are now talking about open data and managing data in repository.

The day's vibrant session started with **Ms. Julie Goldman**, Research Data Services (Librarian) at Harvard University, USA. Her session was about the understanding of the concept of RDM, the stages of RDM and its lifecycle, necessary tools and how to contextualize RDM in a university system.

According to Ms. Julie, research data culture of practice comes along with a set of knowledge, expertise, practice and skills related to research data lifecycle activities which includes collecting, creating, manipulating, analysing and sharing data. When researched data created during one project is managed properly can be utilized in other project/s.

It's an ongoing process and depending on an institute/university, tools may vary. Harvard's Dataverse repository is free for all researchers from any discipline, where they may share, archive, cite and explore data.
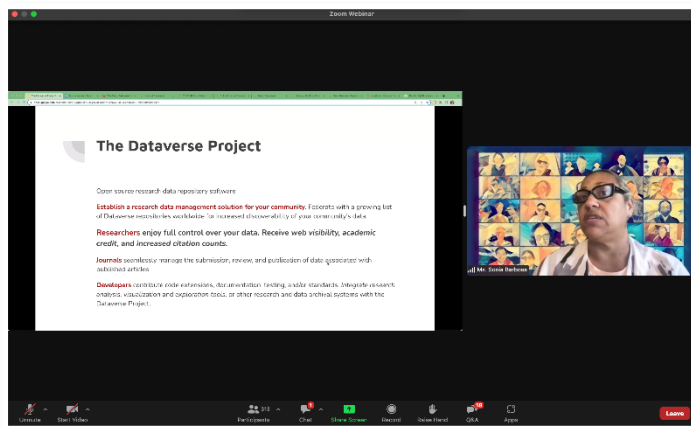
Last but not the least, she pointed out the importance of co-ordination and collaboration between various departments or units in an organization or institute for management of data. Academic libraries need to work in co-ordination with the IT Department, Research Support Group or funding organisations.

Key check points include
- ➢ Cataloguing all the services offered to support research data
- ➢ Centralize costly and complex services
- ➢ Build workflows to integrate services, research tools, computing and repositories
- ➢ And offer resources and expertise

The next speaker of the day was **Ms. Sonia Barbosa**, who was the Manager of Data Curation at Harvard Dataverse. Ms. Sonia's presentation was more into practical nitty-gritty of curating data in dataverse.

Any data has to have a metadata which include year, dataset title, global persistent identifier, data repository or archive and version.

She described about the cycles of datasets – how they are collected at every steps, verified, analysed, preserved and shared. Finally, she described about the FAIR Data principles by which all research objects should be findable, accessible, interoperable and reusable (FAIR), both for machines and for people.

Finally, Ms. Barbosa pointed out the importance of giving individual faculty member the right to manage and control their own data for fair use.

With this, came an end to this enriching session and the forum was opened for Question/Answer session. Enthused participants definitely gained in-sights from the speakers that will help them in their research in future.

IQAC Head, **Prof. Manish Bhalla** delivered the vote of thanks and showed gratitude to the speakers for consenting to take this workshop and the entire scholarly community for showing their interest and participating in this event. He also thanked the University for this opportunity to host such a grandeur event wishing many more similar events in future.