Indian Higher Education: Role of Library Professionals

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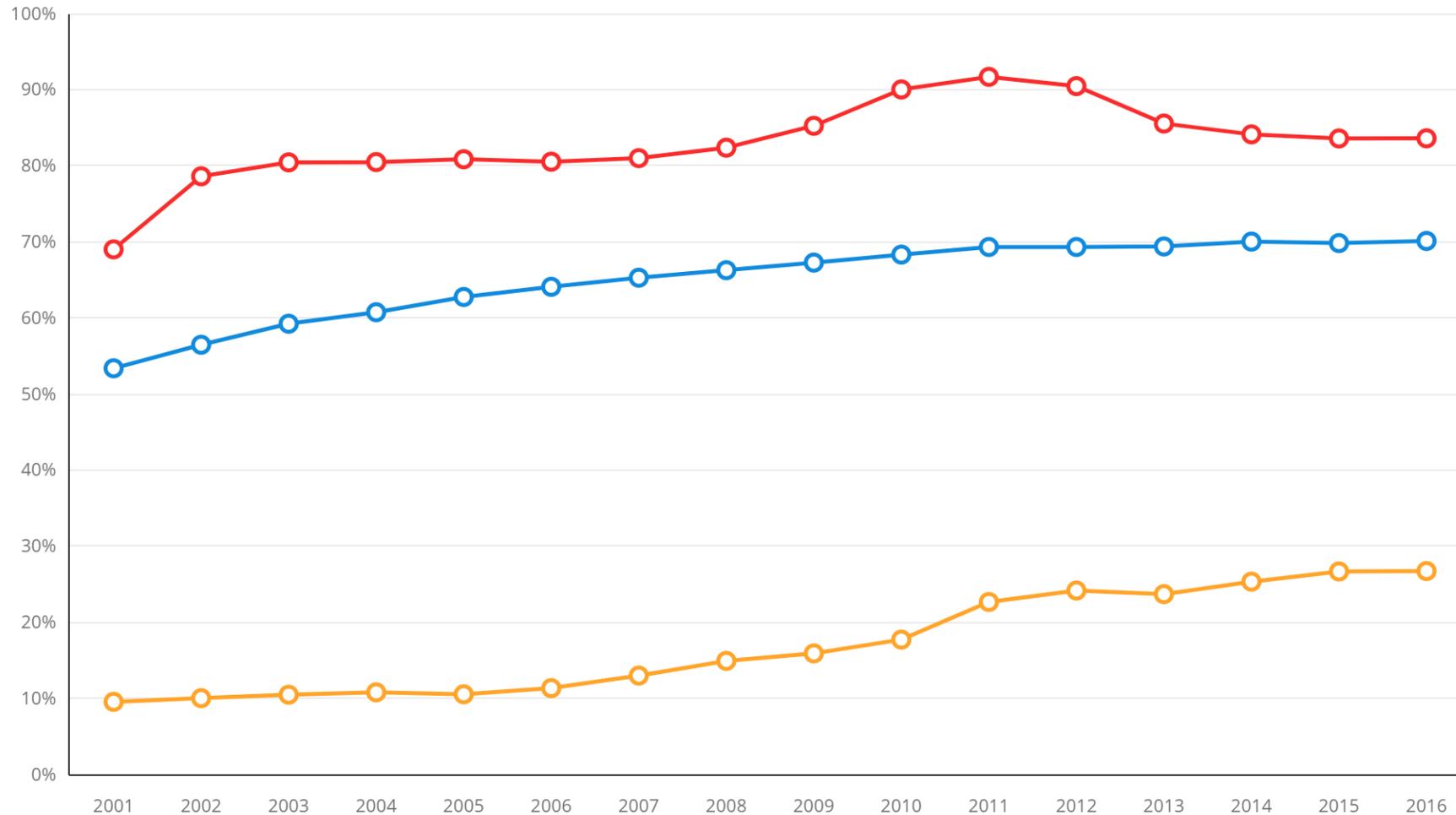
March 24, 2018 | Sambalpur University, India

The Plan

- Context
- Higher Education
- Key Issues
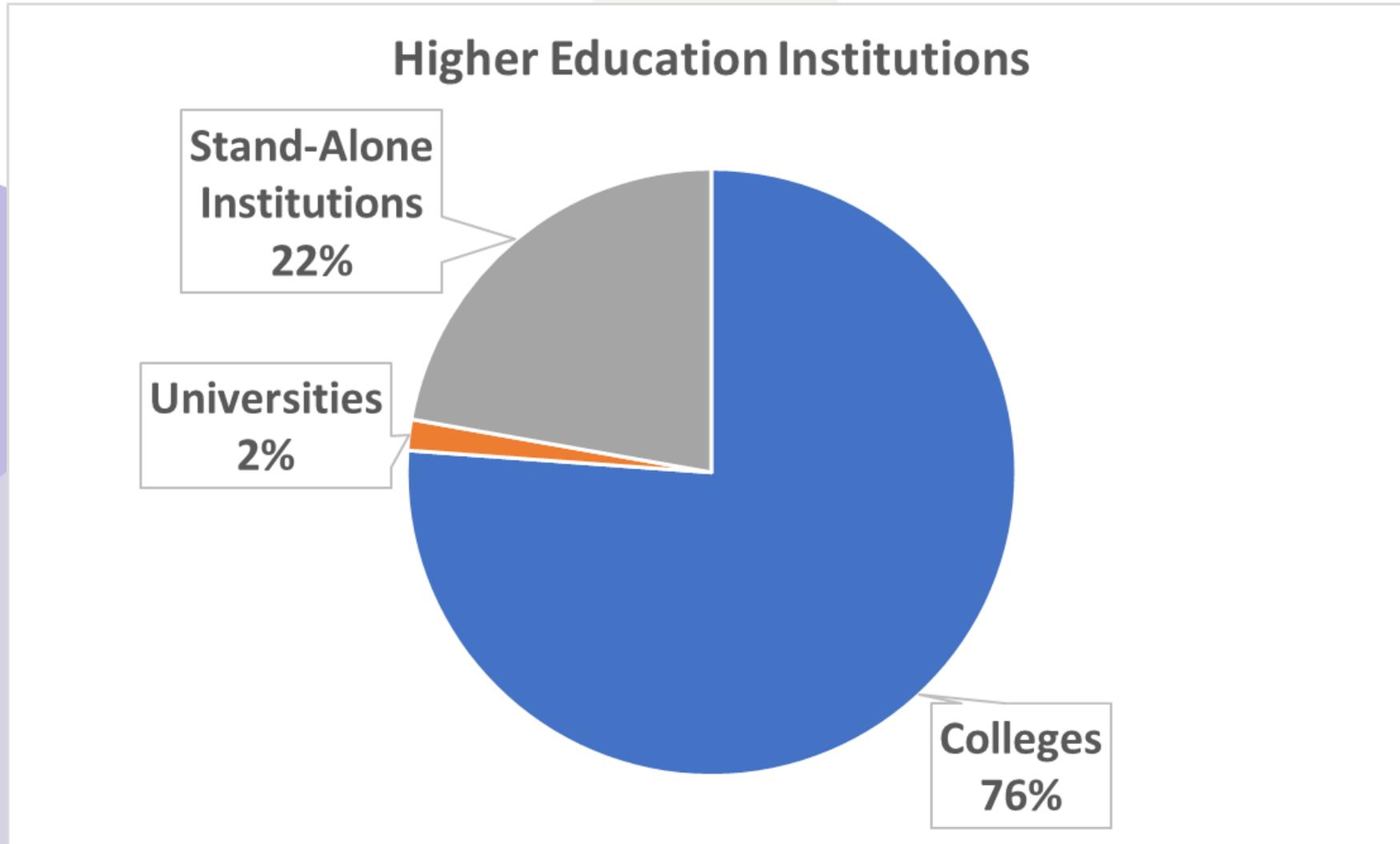- Role of Library Professionals

Context

GER in Higher Education

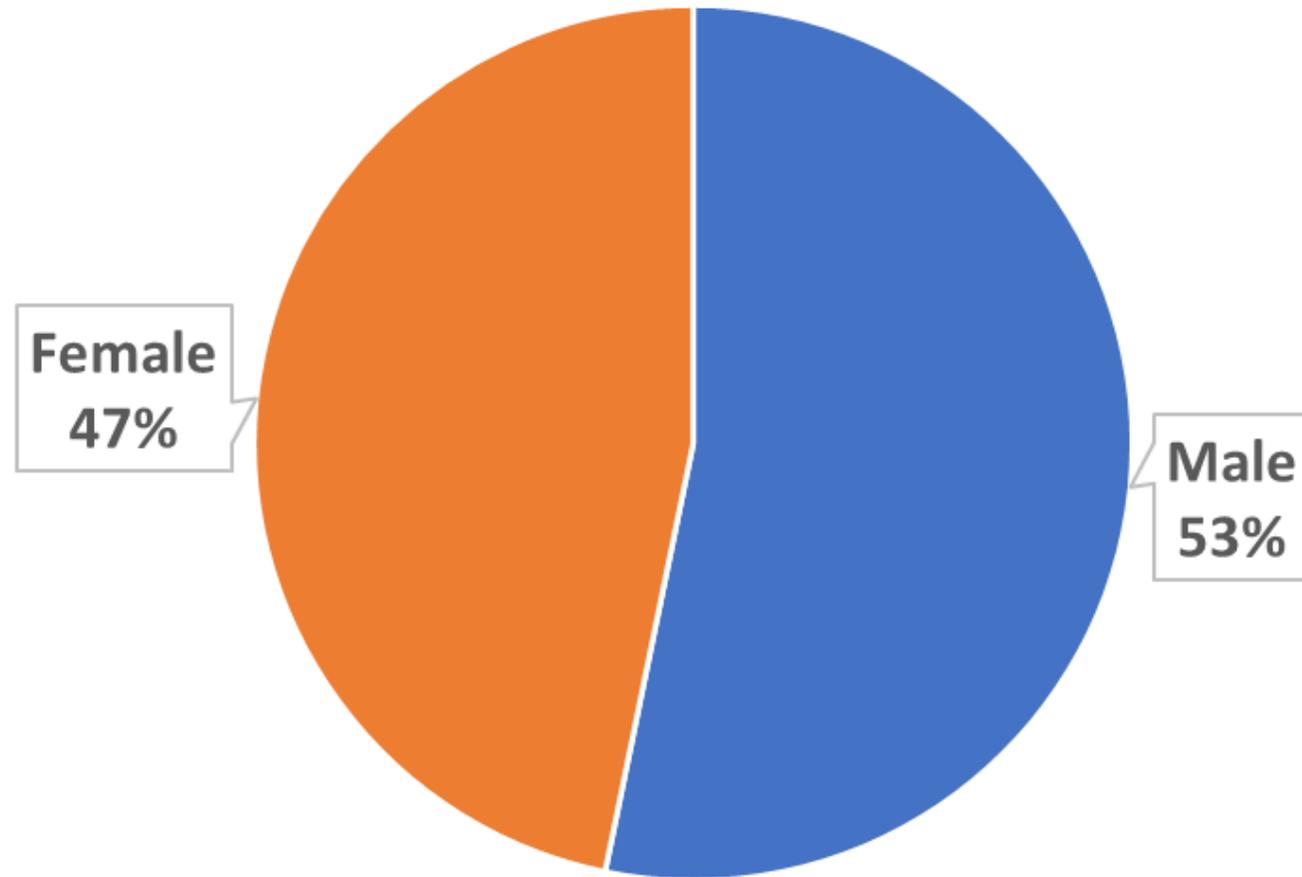**83.8: North America**

70.3: Europe

26.9: India

Legend: ■ SDG: Europe (SDG_EUR)　■ India (IN)　■ SDG: Northern America (SDG_NAM)

HEIs in India

Higher Education Institutions

- Stand-Alone Institutions 22%
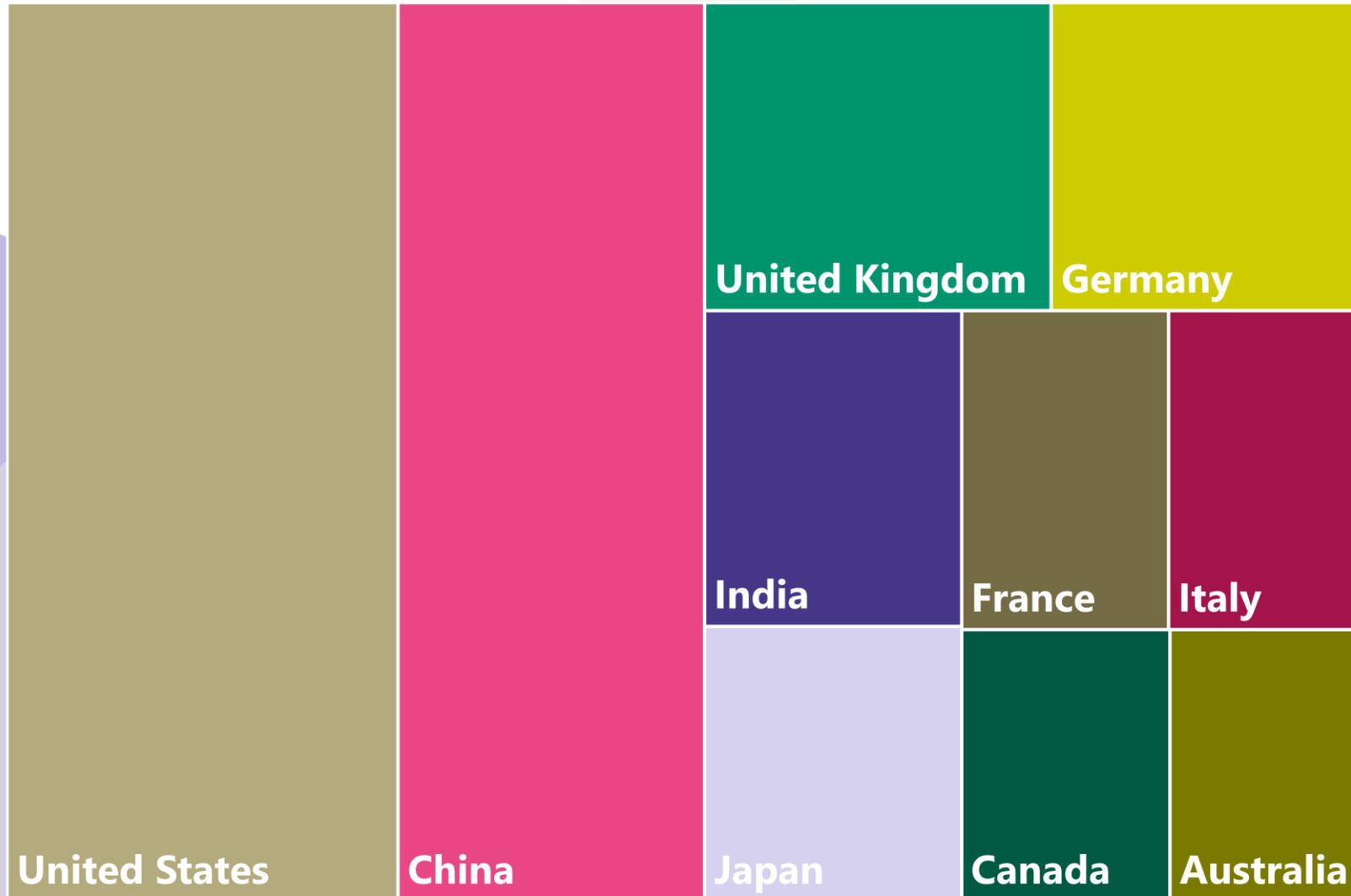- Universities 2%
- Colleges 76%

Enrolment

Some more stats

- 68 female teachers per 100 male teachers
- Pupil Teacher Ratio (PTR) is 22 in colleges, whereas in Universities it is 19
- 28,779 students were awarded Ph.D. during 2016 with 16,274 males and 12,505 females

Source: All India Survey of Higher Education 2016-2017
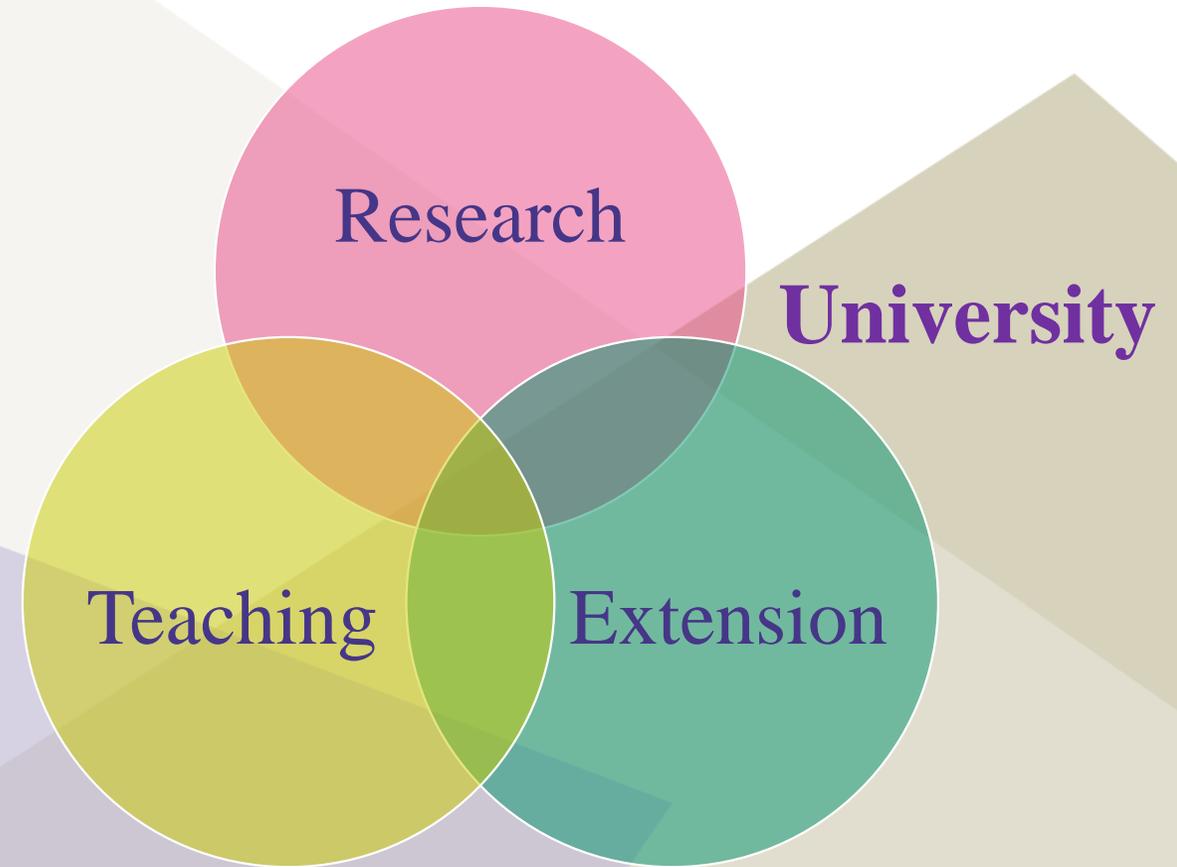
Research productivity

Higher Education

What is Higher Education?

- University
- Research Centre
- College

Higher Education is...

A genuine higher education is unsettling; it is not meant to be a cosy experience. It is disturbing because, ultimately, the student comes to see that things could always be other than they are. A higher education experience is not complete unless the student realizes that, no matter how much effort is put in, or how much library research, there are no final answers.

- Barnett (1990)

Higher Education is...

- Quest for excellence
- Creativity
- Critical inquiry
- Exploration of truth
- Discovery
- Discussion, debate and dialogue
- Development
- Scholarship

Scholarliness relates to...

- **Discovery** – as creation of new knowledge in a specific discipline
- **Integration** – as making connections across the disciplines
- **Application** – as service activities that are tied directly to one's special field of knowledge and flow from the expertise of the scholar.
- *Teaching* – as a scholarly enterprise beyond the mundane transmission of facts.

- Boyer (1990)
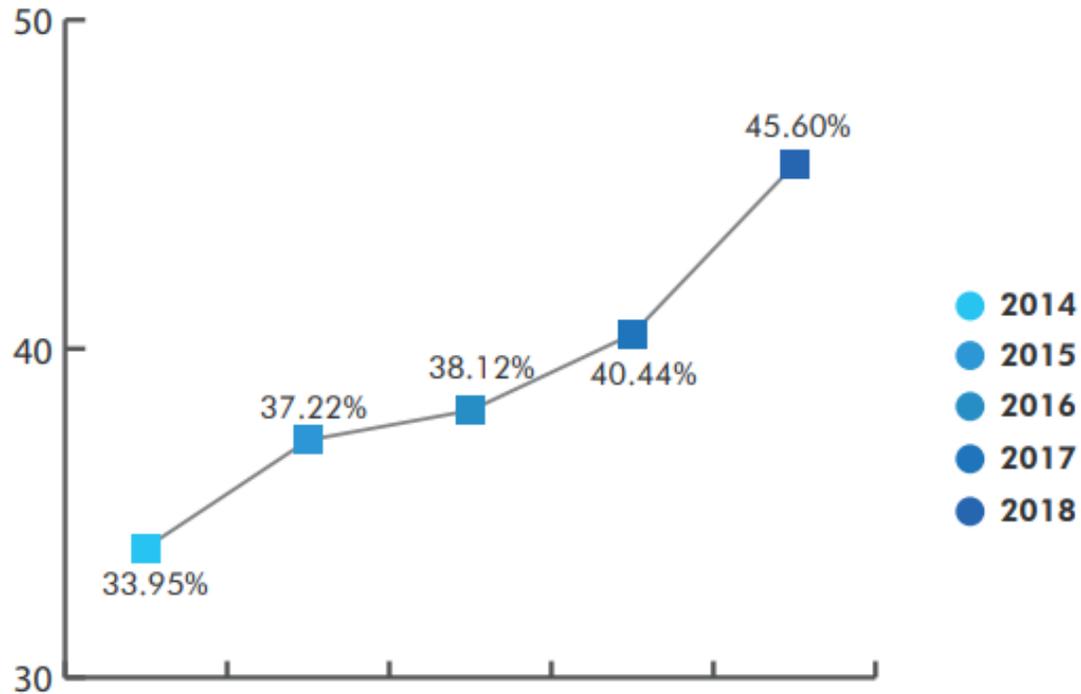
... and teaching continues

Key Issues

The fallacy of rankings

- Rural vs urban bias
- Availability of best teachers and students
- Funding support of research and innovations
- Create categories amongst institutions
- Question the parity of qualifications

Skills gap

OVERALL EMPLOYABILITY

50

45.60%

40

38.12%   40.44%

37.22%

33.95%

30

● 2014
● 2015
● 2016
● 2017
● 2018

Source: India Skills Report 2018

WORLD ECONOMIC FORUM
COMMITTED TO
IMPROVING THE STATE
OF THE WORLD

Top 10 skills

in 2020
1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. Emotional Intelligence
7. Judgment and Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive Flexibility

in 2015
1. Complex Problem Solving
2. Coordinating with Others
3. People Management
4. Critical Thinking
5. Negotiation
6. Quality Control
7. Service Orientation
8. Judgment and Decision Making
9. Active Listening
10. Creativity

Source: Future of Jobs Report, World Economic Forum

https://www.weforum.org/agenda/2016/01/the-10-skills-you-need-to-thrive-in-the-fourth-industrial-revolution/

C·O·L

Impact assessment

- Fuzziness in recruitment of quality human resources
- Focus on indexing journals and impact factors
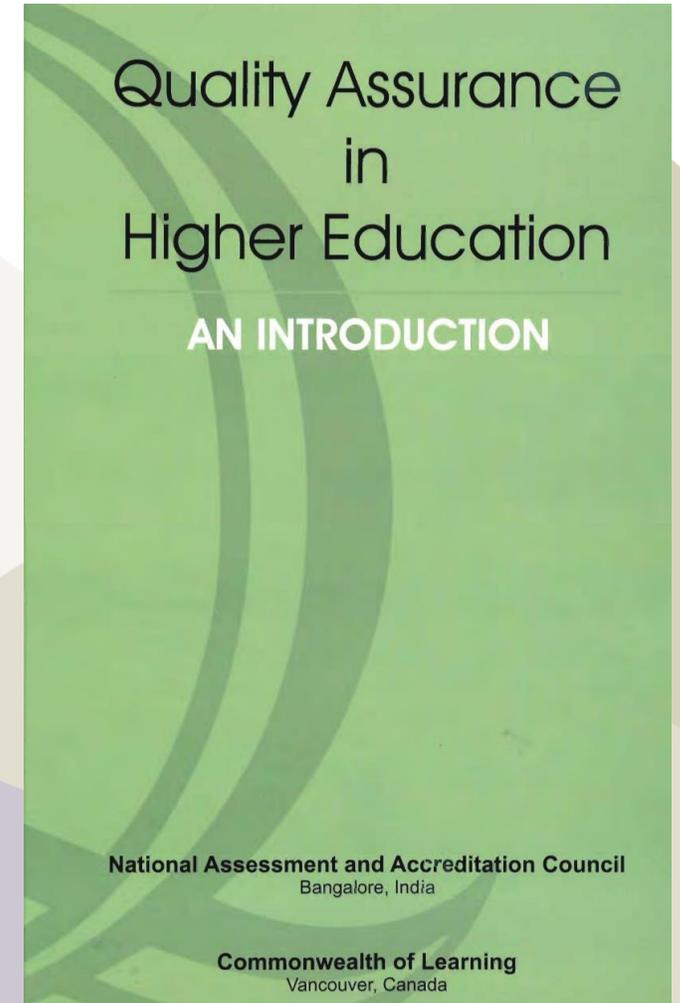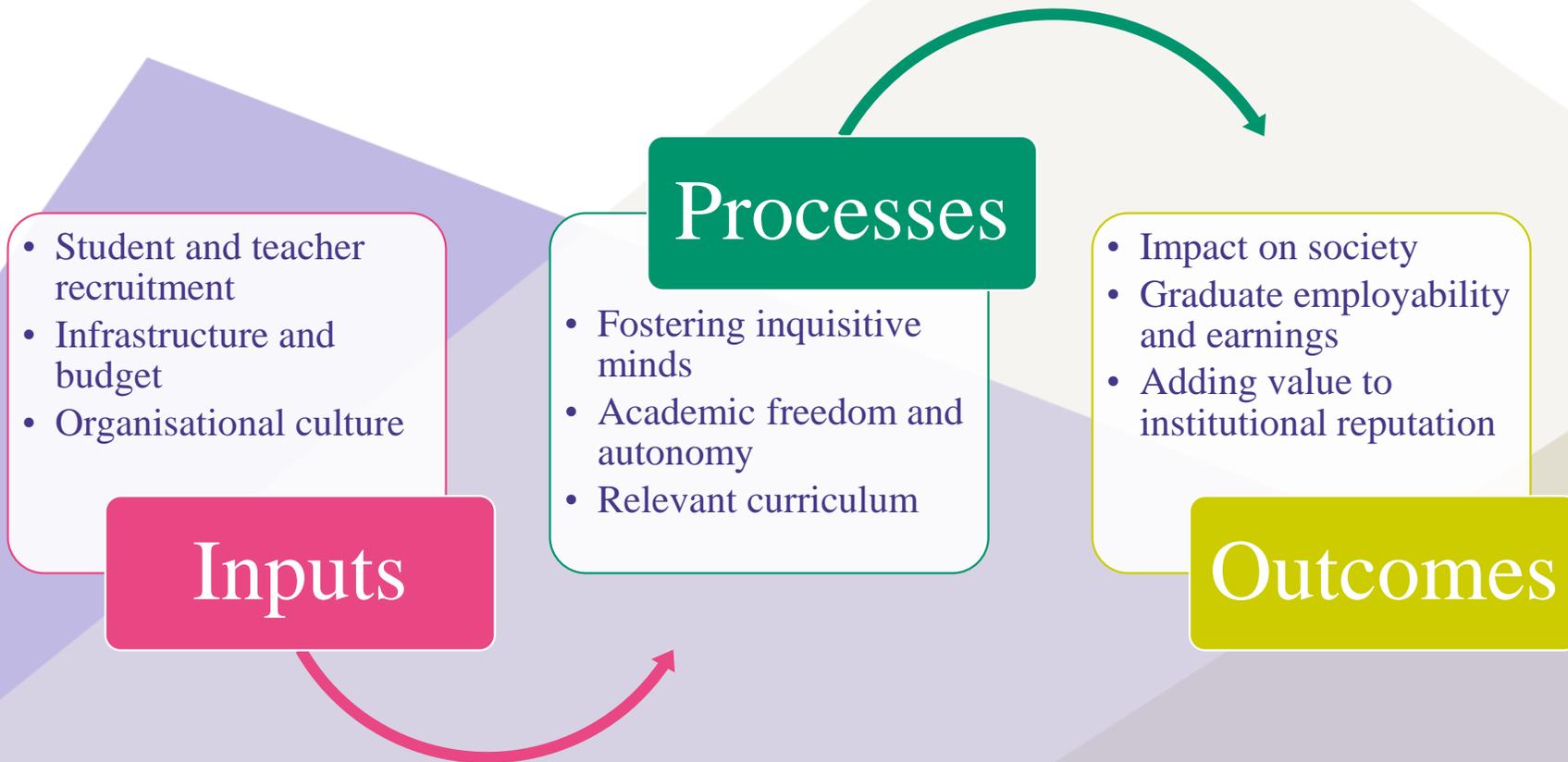- Measuring good teaching and research

Beat it, impact factor! Publishing elite turns against controversial metric

Senior staff at leading journals want to end inappropriate use of the measure.

Ewen Callaway

08 July 2016 | Corrected: 12 July 2016

Quality enhancement

Inputs
- Student and teacher recruitment
- Infrastructure and budget
- Organisational culture

Processes
- Fostering inquisitive minds
- Academic freedom and autonomy
- Relevant curriculum

Outcomes
- Impact on society
- Graduate employability and earnings
- Adding value to institutional reputation

Quality Assurance in Higher Education

AN INTRODUCTION

National Assessment and Accreditation Council
Bangalore, India

Commonwealth of Learning
Vancouver, Canada

Role of Library Professionals
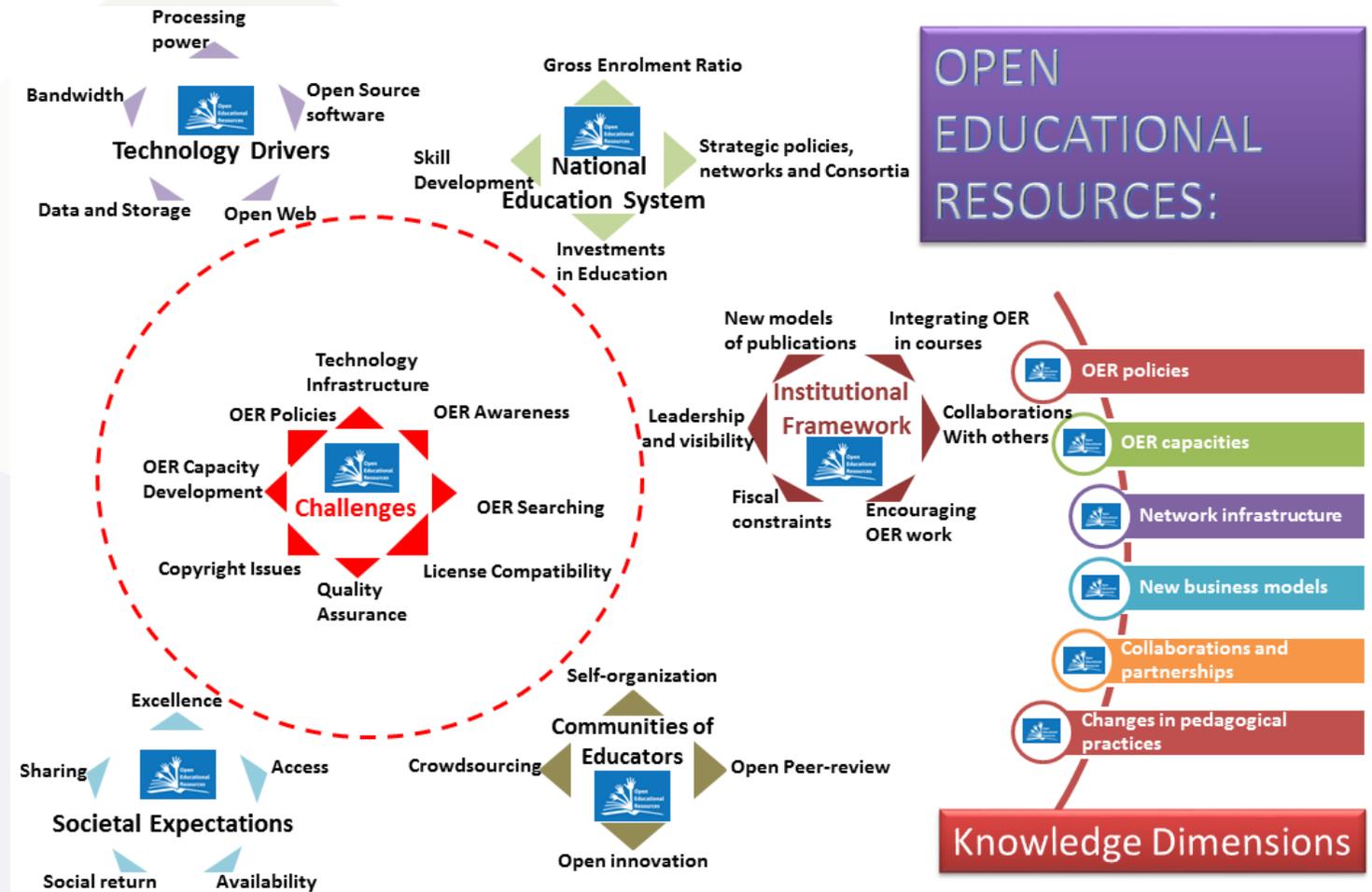
What library professionals do?

- Bibliographic control (knowledge about where you can find knowledge)
- Process knowledge in various formats to help easy retrieval
- Optimise available resources (through collaboration)
- Create enabling environment for learning and research

Role in teaching, research and learning

- Not limited to academic libraries
- Library as place of formal as well as informal learning
- Support in continuous professional development
- Access to research literature on different subject domains
- Organised access to digital resources for teaching and learning
- Contribute to curriculum design and transactions

Open Educational Resources

OER are teaching, learning and research materials in any medium that reside in the public domain or have been released under an open license that permits their free use and in some instances, re-purposing by others

Open Educational Resources

- Promote OER use by teachers and students

- Evaluate OER for use by students and teachers

- Curate OER in different disciplines

http://tell.colvee.org/course/view.php?id=3

Open Access

the provision of free access to peer-reviewed, scholarly and research information to all. It envisages that the rights holder grants worldwide irrevocable right of access to copy, use, distribute, transmit, and make derivative works in any format for any lawful activities with proper attribution to the original author.

OA Resources

- For Librarians
- For Researchers

New roles of Library professionals

- Using bibliometrics effectively to support institutional needs
- Innovation in use of technology for teaching and learning
- Measuring teaching quality at institutional level
- Research to improve institutional metrics
- Manger of institutional knowledge