

# KNOWLEDGE RESOURCE CENTRE

INDUSTRIAL  
TECHNOLOGIES  
exchange cloud  
RELIABILITY  
Safety infrastructure  
Maintenance  
Monitoring  
veness CPPS  
QUALITY  
Any Device  
Anything  
WORK AND CLOUD  
COMPUTER REDUCE Time  
AUTOMATION  
ROBOTS  
Autonomy Improve Engineering  
COMPUTER-CODE SOFTWARE Virtual  
APPLICATION  
Artificial intelligence  
FRAMEWORK  
ANY COMPLEX SYSTEM  
STANDARDIZED  
CHOOSE  
Individualize PRODUCT LINE  
Unique PRODUCTIVITY  
Visual Customer OFFER  
CUSTOMIZATION  
PHYSICAL  
DIGITALIZATION  
DATA REDUCTION  
KEY RESEARCH ISSUE  
APPLICATION  
Value-adding  
01010101



**THE ENERGY AND RESOURCES INSTITUTE**  
*Creating Innovative Solutions for a Sustainable Future*



**The Knowledge Resource Centre (KRC)** is a world class facility of scholarly resources that puts forward a wide array of resources on Energy, Environment, Climate Change and Sustainable Development by developing an automated system, which manages and provides innovative information services and products.

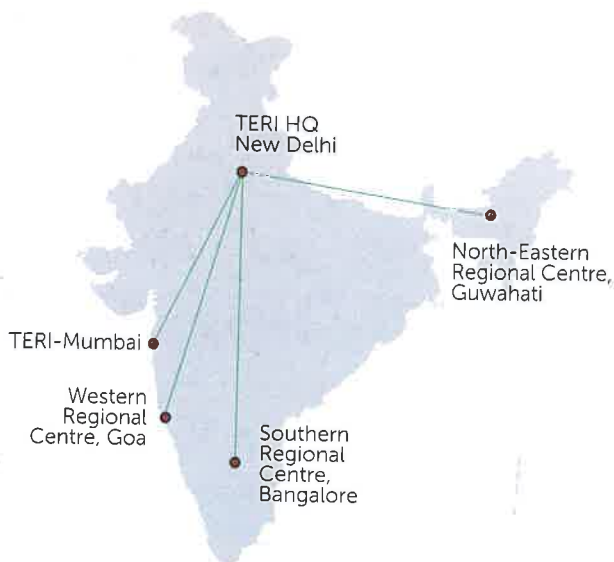


Through a well-designed, state-of-the-art, Knowledge Resource Centre strives to capture and disseminate TERI's vast knowledge resources and research data across TERI's regional centres. The KRC caters to the knowledge needs of TERI researchers and external stakeholders through collecting, collating, and disseminating knowledge-based products and services.

### Collections & Facilities



- Over 25,000 Books and 5,000 bound volumes of journals
- Around 350 Online and Print Journals
- Remote access to all the users for anytime anywhere use
- Access to Online databases (Science Direct, Global Data, Infraline, Indiatat and many more...)
- Knowledge driven KRC Website
- Green-hands (e-service) to internal and external stakeholders
- E-resources accessible through Kindle
- Dedicated user carrels
- Free Wi-Fi availability
- Specialized Information Centres
- Architectural excellence and sitting ambience



## Capacity Building Programmes (CDP)

### Workshop & Professional Development Programmes

- Professional development tools for Research Data Management, Digital Marketing, Social Media and many more...



### Conference

- International Conference on Digital Landscape (ICDL) has become TERI's premier international platform to facilitate exchange of knowledge on digital research and transformation.



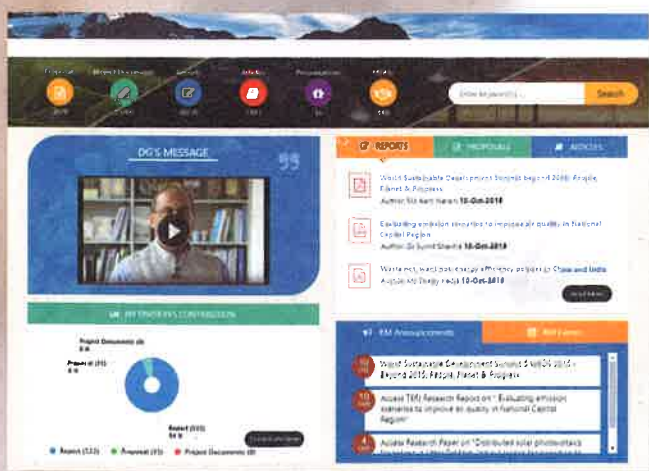
### Research and Information Literacy

- External and internal research literacy programmes are conducted to sensitize researchers on issues such as copyright, technical writing and referencing techniques.



## Knowledge Management (KM)

KRC captures and manages TERI's research activities through a well-designed state-of-the-art Knowledge Management System (KMS).



### Creates & Maintains

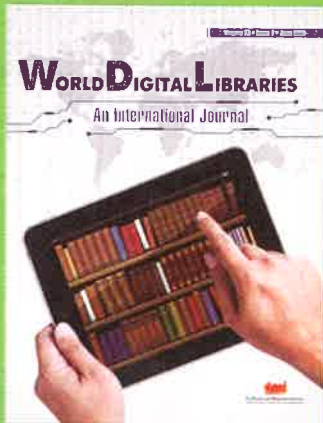
- Knowledge Repositories
- Facilitates Knowledge Generation
- Guide research activities
- Saves research time and resources

## The KM system holds multimedia based knowledge contributions for researchers

- Project reports • Proposals • Research Papers • Data repositories • Learning through projects
- Lessons learnt • White papers • Best practices • Presentations

## Digital Library Development

KRC has developed a digital repository of the institute's vast resources -- consisting of a large number of structured documents in the form of project reports, audio visuals and multimedia collections, MoUs, photos, and statistical data sheets and facilitated on-line access through the Institute's Intranet for the benefit of scientific community.



TERI publishes the World Digital Libraries, an international peer-reviewed biannual journal.



Digital Library website

## Research based Projects and Specialized Information Centres

KRC develops and maintains several information centres, conducts several research projects and technology trend database for industries which are sponsored by agencies for the benefit of the user communities.

- Environmental Information System (ENVIS)
- Mycorrhiza Information and Resource Centre (MIRC)
- Research & Development Equipment Database
- Indian Transport Information Database
- National Survey of Resources devoted to Scientific & Technological Activities
- Water-Energy-Food study nexus for Research Council, UK
- Access to Energy Efficiency Technology Information for Indian Industries
- Knowledge X-Change for Sustainable Development (KxSD)
- Specialized Library on Climate Change (SLCC)
- R&D Analysis of Scientific and Industrial Research Organizations (SIROs)



## Info-Research Projects

KRC undertakes and executes value-based information projects for government, bilateral and multilateral bodies, academic institutions and industries.



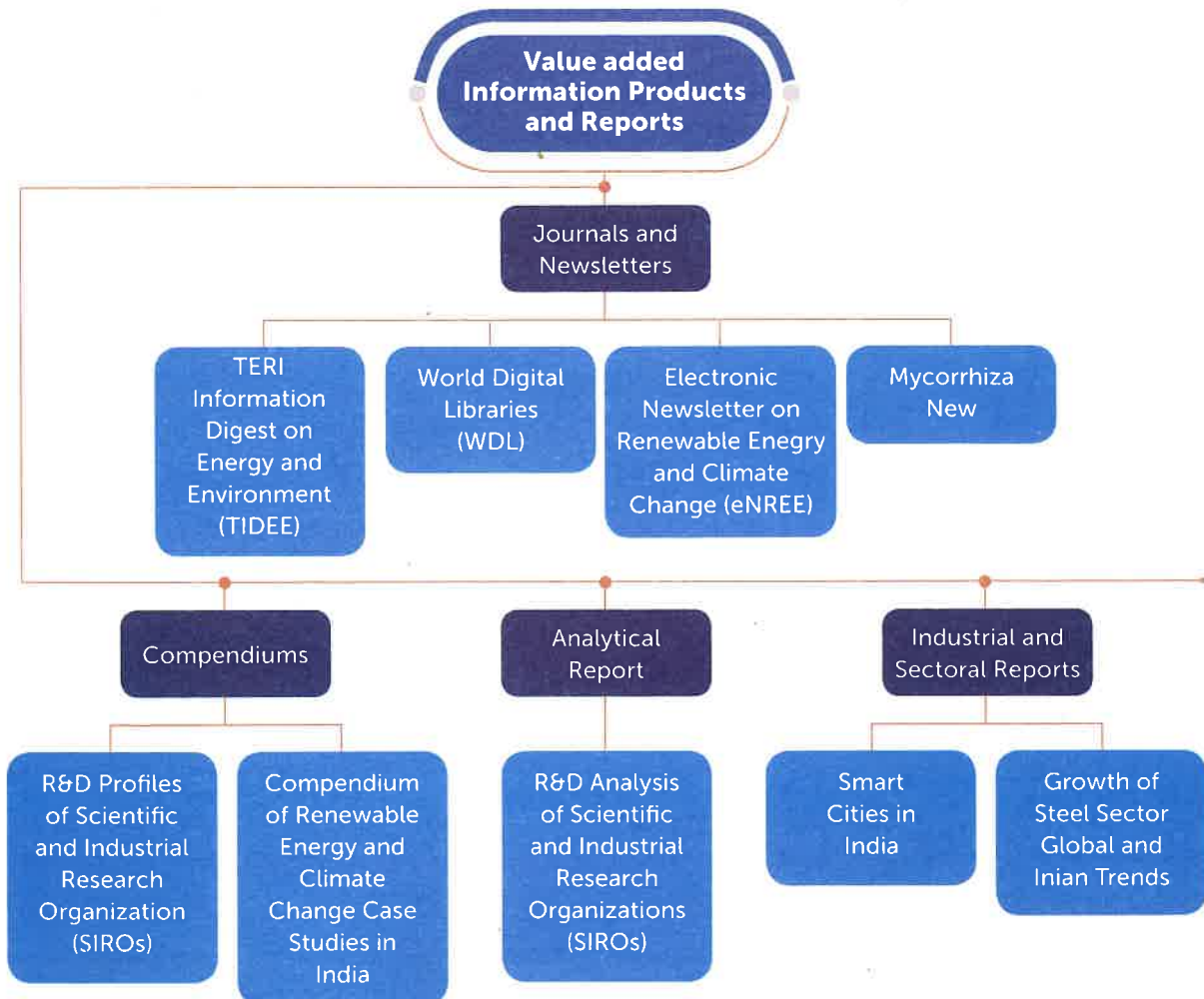
### Our Proficiency include:

- Skill Development
- Survey and Analysis
- Database Development
- Technologies Trends
- Outreach
- Information Management



### We execute knowledge projects for clients, such as:

- Department of Science and Technology (DST), GoI
- Department of Scientific and Industrial Research (DSIR), GoI
- Department of Biotechnology (DBT), GoI
- International Transport Forum/OECD, Paris
- International Development Research Centre (IDRC)
- Ministry of Environment, Forest and Climate Change (MoEFCC), GoI
- Research Council, UK
- North Eastern Council (NEC) and many more...



**Our mission is to develop a world-class knowledge resource centre to support learning and research activities in all fields of sustainable development.**



**For more information:**

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