



Skoltech

Skolkovo Institute of Science and Technology

Library status and development plan

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Ivan Smagin
Librarian

Library status: resources

12 full text databases:

5 universal: ScienceDirect, Springer (journals and some books), IEEE, Wiley, Nature

7 specific: APS, IoP, AIP, RSC, AIAA, Ebsco Energy & Power Source, HeinOnline

4 bibliographic databases:

Scopus, Web of Knowledge, MathSciNet, eLibrary

2 analytical tools:

InCites Journal Citation Reports

InCites Essential Science Indicators

1 patent data base (Cipher) to be subscribed in February



Scopus[®]

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Library status: technologies

→ Single search for all databases and book catalogue

The screenshot shows a web browser window displaying the Skoltech search results for 'carbon nanotubes'. The search bar at the top contains the text 'carbon nanotubes' and has 'Options' and 'Search' buttons. Below the search bar, there is a search summary section with the text '439 top results from 51,022 found in all sources'. The main results area shows a list of search results, each with a star rating, a document icon, the title 'Carbon Nanotubes', the publisher 'Springer', and the author 'Kannan Balasubramanian, Marko Burghard'. The first result is dated '2010-01-01' and is from 'Methods in Molecular Biology'. The second result is dated '2000-01-01' and is from 'The Physics of Fullerene-Based and Fullere...'. The third result is dated '2008-01-01' and is from 'Topics in Applied Physics'. The search results are sorted by 'Rank' and limited to 'All Collections'. There are navigation buttons for '1', '2', '3', '4', '5', and '»'. On the left side, there is a 'Refine by' section with a tree view showing 'Topics' (42), 'Devices' (42), 'Electrical' (35), 'Single-walled Ca...' (33), 'Walled Carbon N...' (25), 'Composites' (25), 'More...', 'Authors' (5), 'Christian Klinke' (5), 'Phaedon Avouris' (4), 'More...', 'Publications' (34), and 'Key Engineering ...' (34).

→ 2 types of remote access to the databases via proxy server or VPN

→ Library management system and on-line book catalogue Koha



Library status: usage












Data base users: more than 120 (based on ScienceDirect registrations)

Library users: more than 60 (23 new students registered since Autumn 2016)

Full text downloads:

	2015	2016
IEEE	1257	2960
ScienceDirect	1348	2959

Skoltech library timeline

Budget	2.1 mln RUB	8.3 mln RUB	Approx. 20 mln RUB	Approx. 23 mln RUB	
Subscriptions	 1, 20% of needs	  3, 50% of needs  	  15, 75% of needs    		Up to 20, 80% of needs
Infrastructure and technology	Scopus	Web of Science, remote access	Library Management System, single search box		Reference management, patent search, repository, etc.
Books collection	100	200	400	600	1 000 course books XX – core collection
Partnerships	Services outsourcing at MSM SKOLKOVO		Single LMS with MSM SKOLKOVO	Partnership with MSM and NES	Integrated Knowledge Office for Skolkovo cluster – Foundation, Technopark, RVC
Major events	10.2013 Library starts services	11.2015 – Library at Technopark	9.2016 – librarian was hired	2017–Library at new Skoltech building	

2014

2015

2016

2017

2020

Library development – short term (2017)

Goal - Minimum standard of library services is achieved

Management and administration:

- Develop set of library policies: budget, collection development, book circulation, library committee, etc.
- Resolve mismatch with regulatory authority requirements
- Equip fully for Ministry of Science and Education grants
- Resolve mismatch with accounting policies

Technology/infrastructure:

- API integration with Scopus, Google Scholar and WoS
- Self-issue 24/7 service is settled up for physical library in the new Skoltech building

Research information management and bibliometrics:

- Define library role in Skoltech research information management and bibliometrics activities

Library development – short term (2017)

Goal - Minimum standard of library services is achieved

Marketing/training:

- Implement research activities in students induction courses (Innovation workshop, Independent studies period)
- Conduct library trainings for students and PhD's
- Rework library web page (ongoing)
- Create marketing plan and methodology for receiving feedback from library users
- Establish the process to systematically identify the information requirements of researchers and education programs to develop best practice in supporting them. Partner with faculty to advance the Libraries' mission

Physical space:

- Place for physical library in the new building should be defined and equipped

Library development – Middle term (2019)

Goal - Library fully operates at new Skoltech building

Technology/infrastructure:

- User accounts are established
- Library infrastructure supports users research work-flow: publicizing, repository, reference management, patent search, etc.

Partnerships and engagement:

- Partnership inside Skolkovo education hub and Skolkovo Foundation
- Involvement in global collaborations

Fundraising

- Define options for library fundraising

Library development – long term (2021)

Goal - Skoltech Library becomes a Knowledge Center for overall Skolkovo cluster

Partnerships and engagement:

- Partnerships with Technopark and RVC.