One Nation One Subscription Scheme (ONOS)

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Introduction

One Nation, One Subscription (ONOS), an initiative proposed by the Government of India (GoI), aims to provide countrywide access to national and international scientific and academic content. ONOS is expected to sign national licenses with most of the prominent STEM publishers and database producers across the world in order to encourage easy access to high-quality academic information, thus stimulating scientific research and innovation in the country. This initiative is expected to benefit research and educational institutions including universities, colleges, research organisations, as well as every citizen of the country through Libraries.

•Researchers and students need access to high quality publications

• Concept: Pooling of resources so that all students get access to a large number of publications.

Government-funded Library Consortia as on Today

Sr.No	Name of the Consortium	Year (Est.)	Core Members	No. of Resource	Anchoring Institution	Funding Agency
1	NKRC	2002	65	33	CSIR-NISCAIR	CSIR & DST
2	UGC-INFONET	2003	201	27	INFLIBNET	UGC
3	INDEST-AICTE	2003	125	27	IIT Delhi	MHRD/AICTE
4	DAE Consortium	2003	36		On Rotation	DAE
5	MCIT	2005	12	4	NIC	MCIT
6	CeRA	2008	142	10	IARI	ICAR
7	ER MED	2008	98		NML	MH&FW
8	DeLCON	2009	33	19	NBRC	BDT
9	DRDO	2009	50	11	DESIDOC	DRDO,MoD
10	NLIST	2010	3140	11	INFLIBNET	MHRD
11	e-Shodh Sindhu	2015			INFLIBNET	MHRD
12	DERCON	2015	10	10	Min.Earth Sci.	Min.Earth Sci.

University -1317

(Source – AISHE G20)

Central University	**54**
Institute Of National Importance	158
State Public University	461
State Private University	484
State Open University	17
Deemed University- Government	39
Deemed University- Private	85
Central Open University	01
State Private Open University	01
Institute Under State Legislature Act.	06
Deemed University- Government Aided	11
Other	0

Colleges -52,053

Affiliated College	**48121**
Constituent / University College	2339
PG Centre / Off- Campus Centre	251
Recognized Centre	1326

Standalone-15,565

Hotel Management and Catering	**93**
Institute under Ministries	127
Nursing	4423
Paramedical	1318
PGDM Institute	375
Teaching Training	4044
Polytechnic	5185

Institute Of National Importance -158

AIIMS	**20**
IIIT	25
IIM	21
IISER	07
IIT	23
ISI	01
NID	05
NIFT	01
NIT	31
SPA	03
NIPER	04
Other	16

Benefits observed in pilot implementation

Sr. No	Benefits	Before PM-ONOS	After PM-ONOS	Increase	% Increase
1.	Increased no. of users students, faculty and researchers	56.7 Lakh	177.82 Lakh	121.12 Lakh	212.6%
2.	Increased no. of beneficiary institutions	2,360	6,316	3,952	167.4%
3.	Increased No. of Journal	8,079	12,957	4,878	60%
4.	Wider Access to journals by each user	Discipline-specific access	All journals for all users (promotes inter-disciplinary research)		

Key features

☐ **Extensive Access**

ONOS will provide access to nearly 13,000 e-journals from 30 major international publishers, ensuring a wide range of academic resources for users.

Key features cont...

☐ **Target Institutions**

The scheme will benefit over 6,300 higher education institutions and central government research and development institutions, covering both state-run entities.

Key features cont...

☐ Digital Platform

The initiative will operate through a fully digital and user-friendly process, making it easier for institutions to access the resources.

Key features cont…

☐ **Central Coordination**

The subscription will be coordinated by the Information and Library Network (INFLIBNET), an autonomous body under the University Grants Commission (UGC), which will handle payments to publishers on behalf of the institutions.

Key features cont...

☐ **Budget Allocation**

A Total budget of ₹6,000 crore has been allocated for the year 2025, 2026, and 2027, underscoring the government's commitment to enhancing educational resources.

Key features cont...

☐ Awareness Campaigns

The government plans to conduct information campaigns to promote awareness and usage of the ONOS scheme among students, faculty, and researchers.

Key features cont...

☐ **Unified Access Model**

This scheme aims to replace fragmented subscription models with a national subscription model, allowing institutions that previously could not afford comprehensive access to quality journals to benefit from equitable resources.

Key features cont...

□ **Launch Date**

The ONOS scheme is set to launch on January 1, 2025, making a significant step in improving academic access in India.

Phases

☐ **Phase-1:**

All Higher Educational Institutions under the Management of the Central or State Government and Research & Development Institutions of the Central Government

☐ **Phase-2: Remaining HEIs**

☐ **Phase-3: Entire Country**

Onboarded Global Publishers

Sr.No	Name of Publisher	Sr.No	Name of Publisher
1.	Elsevier Science Direct	16.	Indianjournals.com
2.	Springer Nature	17.	ASME
3.	IEEE-IEL Online-Complete	18.	Bentham Science
4.	Wiley Blackwell Publishing	19.	Cold Spring Harbor Laboratory Press
5.	Taylor and Francis	20.	ACM Digital Library
6.	Lippincott Williams & Wilkins(Wolters Kluwer)	21.	Annual Reviews
7.	Institute of Physics	22.	ICE Publishing
8.	American Chemical Society	23.	American Society for Microbiology
9.	Cambridge University Press	24.	American Association for the Advancement of Science
10.	American Physical Society	25.	American Institute of Aeronautics and Astronautics (AIAA)
11.	Oxford University Press	26.	American Mathematical Society
12.	BMJ Journals	27.	Emerald Publishing
13.	American Institute of Physics	28.	Sage Publishing
14.	ASCE	29.	SPIE Digital Library
15.	Project Muse	30.	Thieme Medical Publishers

Advantages of ONOS

1. Universal Access to Knowledge
2. Cost Efficiency
3. Boost to Research and Innovation
4. Bridging the Digital Divide
5. Support to NEP 2020 Goals
6. Increase Global Competitiveness
7. Promotion of Open Science
8. Support for Ranking & Accreditation

Disadvantages of ONOS

1. Limited Scope (30 Publishers)
2. Usage inequality (Infrastructure etc)
3. Dependency on Publishers
4. Overlooking Regional Content
5. Risk of Monopolization

Conclusion

- This scheme is set to significantly benefit students in Tier 2 and Tier 3 cities in India by enhancing their access to quality educational resources. It will also strengthen local educational institutions by improving curricula and teaching methodologies and fostering collaboration opportunities with global researchers and scholars.

- The diverse range of subjects available through these journals enables students to explore topics aligned with their academic and career interests while also staying updated on emerging fields like artificial intelligence and blockchain, which are crucial for enhancing employability.

Thank You!