



Criterion : IV – Infrastructure and Learning Resources
Metric : 4.2 Library as a Learning Resource
Year : 2018-2023



4.2.1: Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

4.2.1 Subscription to e-resources and optimal use of library

Remote access to e-resources

Home Page

The screenshot displays the N-LIST dashboard for M.V. Muthiah Government Arts College for Women. The page includes a navigation menu with options like Home, About, Members, Register, E-Resources, and Search. The main content area shows the college name and address. A dashboard section provides key statistics: 197 Active Users, 1 Expired Users, 145 Pending Users, and 0 Delete Request. Below this, there are sections for Principal Details (Dr. D.LAKSHMI) and N-LIST College Admin Details (K. Ramasamy).

Category	Value
Active Users	197
Expired Users	1
Pending Users	145
Delete Request	0



Criterion : IV – Infrastructure and Learning Resources
Metric : 4.2 Library as a Learning Resource
Year : 2018-2023



User Details

The screenshot shows the N-LIST web application interface. The main content area displays a table of user details with columns for Name, Email, Designation, Department, Validity, Status, and Action. The table lists several users, including K. Ramasamy (College Admin), K. RAMASAMY (Assistant Librarian), B. LAKSHMI PRABHA (Guest Faculty), B. VISHNU PRIYA (Guest Faculty), C. F. FLORENCEANNAL (Asst Professor), D. KIRUBASORNALATHA (Guest Faculty), D. SANGEETHA (Guest Faculty), and G. AMBIKA (Guest Faculty). The interface also includes navigation menus, a sidebar with options like 'Invoice / Receipt', 'Activity Log', 'Change Password', and 'Logout', and a top navigation bar with links for 'HOME', 'ABOUT', 'MEMBERS', 'REGISTER', 'E-RESOURCES', and 'SEARCH'.

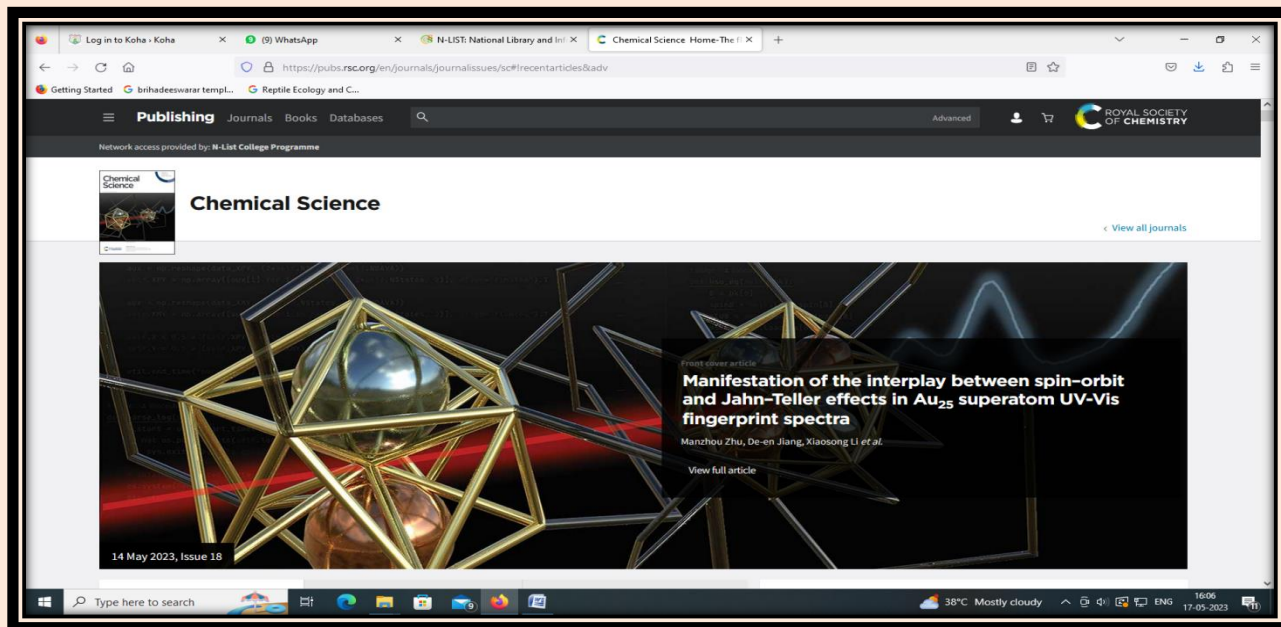
Name	Email	Designation	Department	Validity	Status	Action
K. Ramasamy	librarianmvmgacwdgl@gmail.com	College Admin	Adminsitrator	2024-03-31	✓	[Edit]
<input type="checkbox"/> K. RAMASAMY	librarymvmgacwdgl@gmail.com	Assistant Librarian	LIBRARY	2034-12-31	✓	[Edit] [Delete]
<input type="checkbox"/> B. LAKSHMI PRABHA	dglbaskarss@gmail.com	Guest Faculty	MATHEMATICS	2024-12-31	✓	[Edit] [Delete]
<input type="checkbox"/> B. VISHNU PRIYA	vppriya65068v@gmail.com	Guest Faculty	ENGLISH	2024-12-19	✓	[Edit] [Delete]
<input type="checkbox"/> C. F. FLORENCEANNAL	florenceannal@rediffmail.com	Asst Professor	GEOGRAPHY	2024-12-19	✓	[Edit] [Delete]
<input type="checkbox"/> D. KIRUBASORNALATHA	kirubasornalatha@gmail.com	Guest Faculty	COMMERCE	2024-12-19	✓	[Edit] [Delete]
<input type="checkbox"/> D. SANGEETHA	sankita69@yahoo.com	Guest Faculty	ENGLISH	2024-12-19	✓	[Edit] [Delete]
<input type="checkbox"/> G. AMBIKA	gambika08@gmail.com	Guest Faculty	COMMERCE	2024-12-19	✓	[Edit] [Delete]



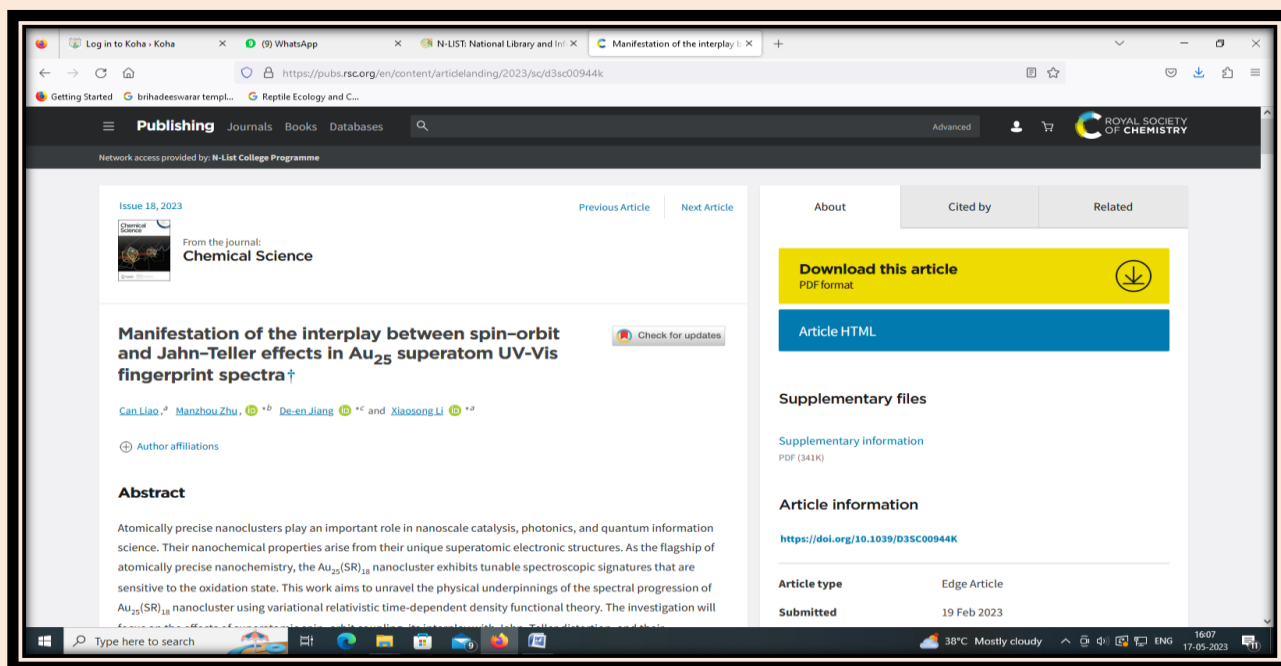
Criterion : IV – Infrastructure and Learning Resources
Metric : 4.2 Library as a Learning Resource
Year : 2018-2023



Journal from Royal Society of Chemistry



Articles Published in an issue





Criterion : IV – Infrastructure and Learning Resources
Metric : 4.2 Library as a Learning Resource
Year : 2018-2023



Downloaded PDF

The screenshot shows a web browser window with the following content:

- Browser Tabs:** Log in to Koha - Koha, (9) WhatsApp, N-LIST: National Library and Inf..., Manifestation of the interplay..., Manifestation of the interplay...
- Address Bar:** <https://pubs.rsc.org/en/content/articlepdf/2023/sc/d3sc00944k>
- Page Header:** Chemical Science, ROYAL SOCIETY OF CHEMISTRY
- Article Type:** EDGE ARTICLE
- Check for updates** button
- Title:** Manifestation of the interplay between spin-orbit and Jahn-Teller effects in Au₂₅ superatom UV-Vis fingerprint spectra†
- Authors:** Can Liao,^a Manzhou Zhu,^{a*} De-en Jiang^{a,c} and Xiaosong Li^{a,b}
- Citation:** Chem. Sci., 2023, 14, 4666
- DOI:** 10.1039/d3sc00944k
- Received:** 19th February 2023
- Accepted:** 5th April 2023
- URL:** rsc.li/chemical-science
- Abstract:** Atomically precise nanoclusters play an important role in nanoscale catalysis, photonics, and quantum information science. Their nanochemical properties arise from their unique superatomic electronic structures. As the flagship of atomically precise nanochemistry, the Au₂₅(SR)₁₈ nanocluster exhibits tunable spectroscopic signatures that are sensitive to the oxidation state. This work aims to unravel the physical underpinnings of the spectral progression of Au₂₅(SR)₁₈ nanocluster using variational relativistic time-dependent density functional theory. The investigation will focus on the effects of superatomic spin-orbit coupling, its interplay with Jahn-Teller distortion, and their manifestations in the absorption spectra of Au₂₅(SR)₁₈ nanoclusters of different oxidation states.
- Introduction:** The Au₂₅(SR)₁₈ nanocluster is the flagship of atomically precise nanochemistry.¹ Over one thousand papers have been published about it and its derivatives since its identification in 2005 (ref. 2) and structure determination in 2008.^{3,4} However, the influence of spin-orbit coupling (SOC) over different oxidation states of the Au₂₅(SR)₁₈ nanocluster has not been fully understood, despite it being the most studied cluster in the field and recent attempts.⁵⁻¹¹ SOC plays an important role in the electronic structure and properties of molecules and materials configuration of (1s)²(1p)⁶, with 1D orbitals being the LUMO. Although the double peaks of Au₂₅⁻ were explained by the SOC splitting of the 1P orbitals based on two-component time-dependent density functional theory (2C-TDDFT),⁸ the role of SOC in the neutral and cationic spectra remains unexplored. Another consideration is the interplay between geometry and electronic structure as a result of SOC. Jahn-Teller distortion plays a crucial role in the electronic structure of metal nanoclusters including ligand-protected metal clusters.^{12,13} It is



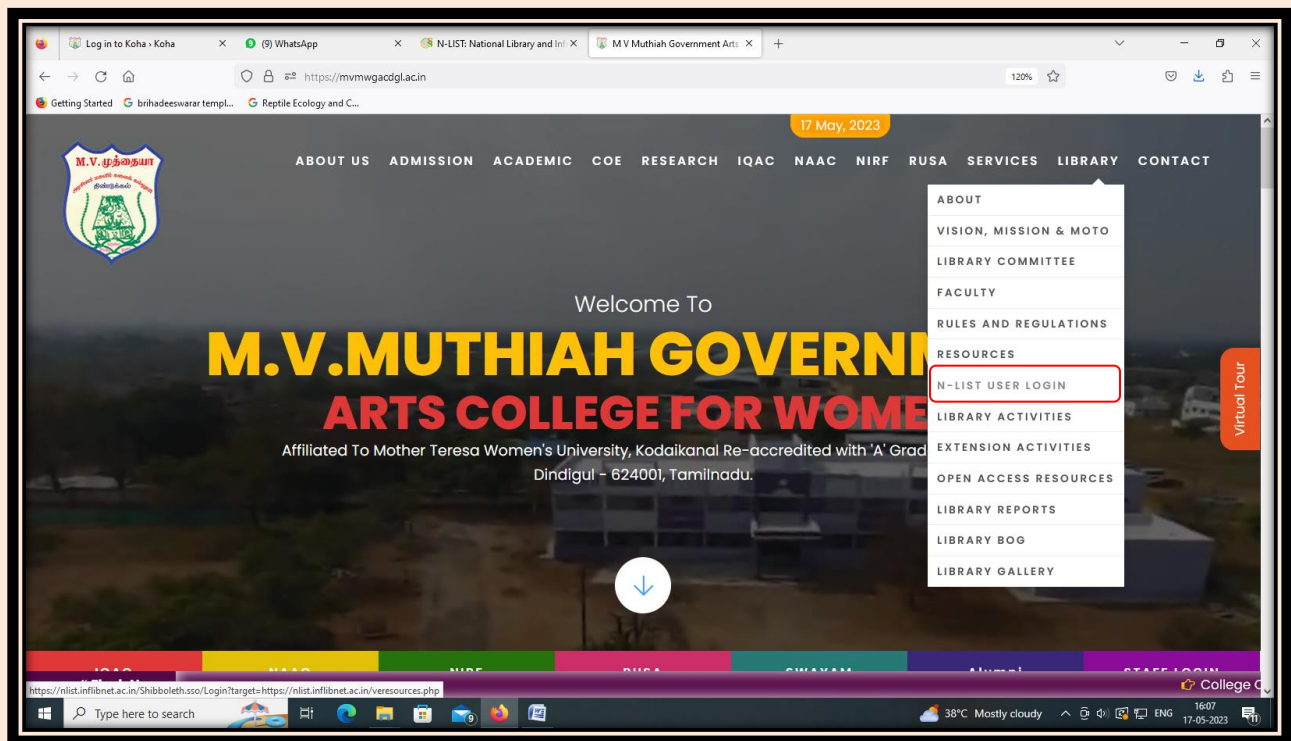
Criterion : IV – Infrastructure and Learning Resources
Metric : 4.2 Library as a Learning Resource
Year : 2018-2023



Remote access of e-resources using College website - screenshots

<https://mvmwgacdgl.ac.in/>

College Home Page – Library – NLIST User Login





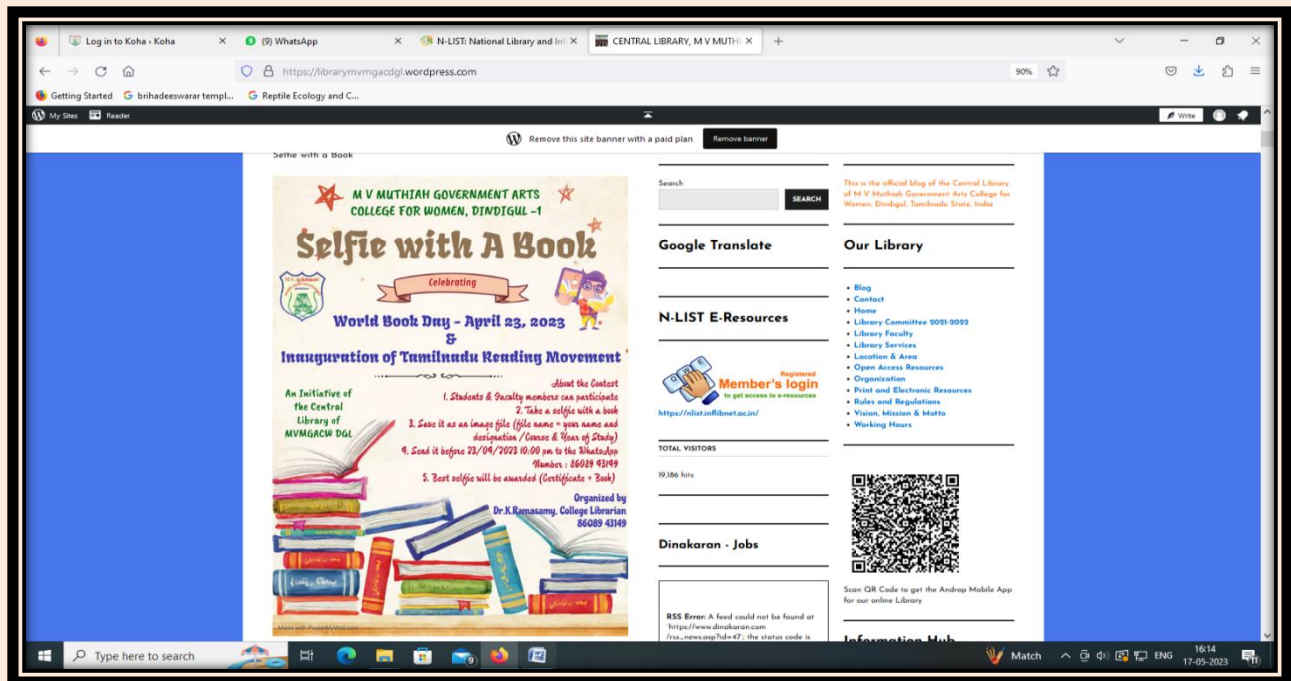
Criterion : IV – Infrastructure and Learning Resources
Metric : 4.2 Library as a Learning Resource
Year : 2018-2023



Remote access of e-resources using MCM Central library wordpress blog (provide links for all the e-resources in the library blog) - screenshots

<https://librarymvmgacdgl.wordpress.com>

Click the link available in the homepage of the library blog





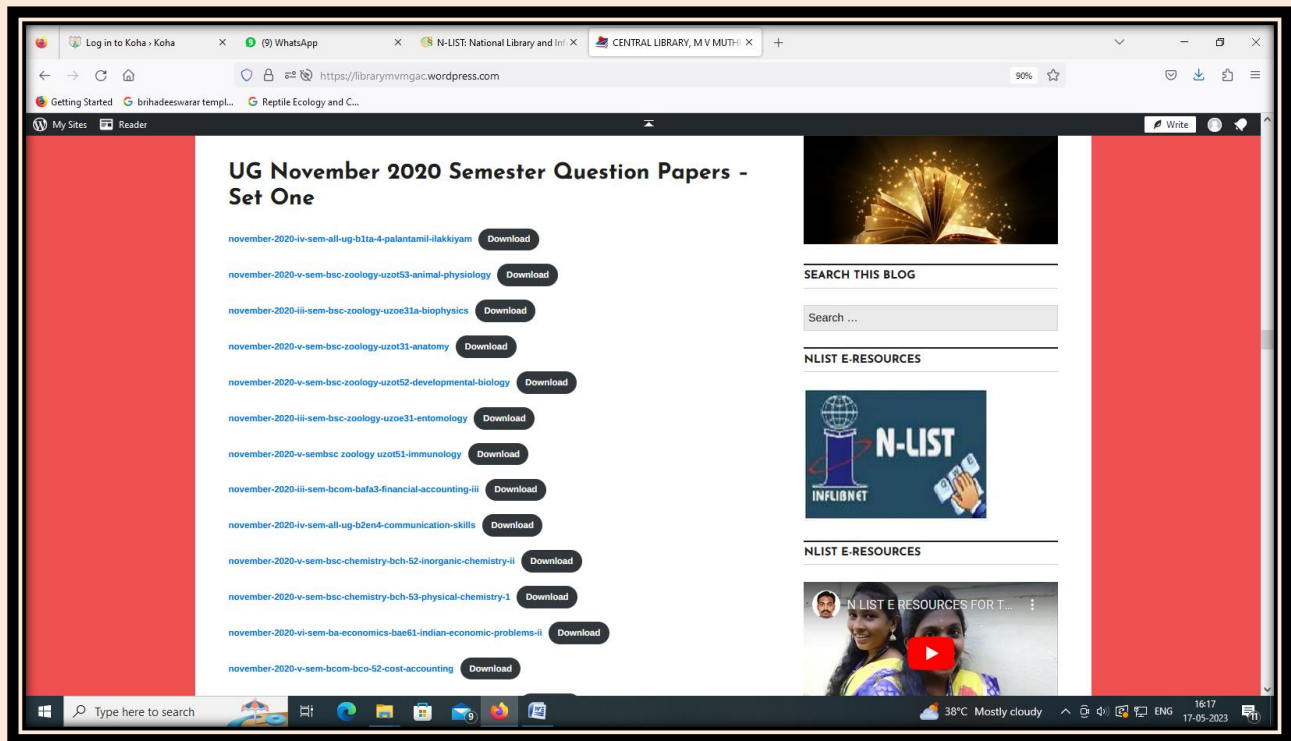
Criterion : IV – Infrastructure and Learning Resources
Metric : 4.2 Library as a Learning Resource
Year : 2018-2023



Remote access of e-resources using MCM Central library wordpress blog (provide links for all the e-resources in the library blog) - screenshots

<https://librarymvmgac.wordpress.com/>

Visit the home page of the library blog and get link to access NLIST






Criterion : IV – Infrastructure and Learning Resources
Metric : 4.2 Library as a Learning Resource
Year : 2018-2023



2018-2019



Information and Library Network Centre
 (An Autonomous Inter-University Centre of UGC)

सूचना एवं पुस्तकालय नेटवर्क केन्द्र
 (विश्वविद्यालय अनुदान आयोग का स्वायत्त अंतर विश्वविद्यालय केन्द्र)

National Library and Information Services Infrastructure of Scholarly Content (N-LIST)

Invoice

Ref No.: INF/N-LIST/2018/6284


Date: 2018-03-15
 Invoice No.: NLIST/17-18/930
 College GST No.: Not Available
 College GST State Code: TN [33]

Name and Address of Subscriber

To
 The Principal
 M. V. Muthiah Government Arts College for Women
 Thadicombu Road,
 Dindigul
 Tamil Nadu - 624001

SR. No.	Membership Fee	Period of Membership	Amount In Rs
1	N-LIST Annual Membership Fee	April 2018 to March 2019	5,000.00
		CGST@0.00%	0.00
		SGST@0.00%	0.00
		IGST@18.00%	900.00
		Total	5,900.00

Rupees Five Thousand Nine Hundred Only
 GSTIN: 24AAAT1480J1ZS
 TDS is not applicable on annual membership fee.

Sincerely Yours

 Ashok Kumar Rai
 Scientist-E(CS)

----- Cut Here -----


N-LIST MEMBERSHIP FEE RECEIPT

Receipt Date: 2018-03-15

Receipt No: 364

Received with thanks from M. V. Muthiah Government Arts College for Women, Dindigul, Tamil Nadu
 A sum of Rupees Five Thousand Nine Hundred Only by Cheque No/DD No/RTGS No. 481084 Dated 2018-02-21 drawn on State Bank of India Payable at Gandhinagar Gujarat towards N-LIST Annual Membership Fee for the financial year 2017-18.

Rs. 5900

Sincerely Yours

 For Administrative Officer(PA & F)

This receipt is valid on realization of Cheque and DD.
 Subject to Gandhinagar(Gujarat) jurisdiction only
 Online Printed Date : 2023-03-29 10:57:22
 INFLIBNET Ref No : INF/N-LIST/2018/6284
 GSTIN. 24AAAT1480J1ZS.

Infocity, P.B. No. 4, Gandhinagar - 382007, Gujarat, INDIA
 इन्फोसिटी, पो.बो. नं. ४, गांधीनगर - ३८२००७, गुजरात (भारत)
 Ph.: +91-79-23268000, Fax : +91-79-23268222, <http://www.inflibnet.ac.in>



Criterion : IV – Infrastructure and Learning Resources
Metric : 4.2 Library as a Learning Resource
Year : 2018-2023



2019-2020



Information and Library Network Centre
 (An Autonomous Inter-University Centre of UGC)

सूचना एवं पुस्तकालय नेटवर्क केन्द्र
 (विश्वविद्यालय अनुदान आयोग का स्वायत्त अंतर विश्वविद्यालय केन्द्र)

National Library and Information Services Infrastructure of Scholarly Content (N-LIST)

Invoice

Ref No.: INF/N-LIST/2019/6284

Date: 2019-05-09
 Invoice No.: NLIST/19-20/665
 College GST No.: Not Available
 College GST State Code: TN [33]

Name and Address of Subscriber

To
 The Principal
 M. V. Muthiah Government Arts College for Women
 Thadicoambu Road,
 Dindigul
 Tamil Nadu - 624001

SR. No.	Membership Fee	Period of Membership	Amount In Rs
1	N-LIST Annual Membership Fee	April 2019 to March 2020	5,000.00
		CGST@0.00%	0.00
		SGST@0.00%	0.00
		IGST@18.00%	900.00
		Total	5,900.00

Rupees Five Thousand Nine Hundred Only

GSTIN: 24AAAT1480J1ZS
 TDS is not applicable on annual membership fee.

Sincerely Yours

Ashok Kumar Rai
 Scientist-E(CS)

----- Cut Here -----

N-LIST MEMBERSHIP FEE RECEIPT

Receipt Date: 2019-05-09

Receipt No: 293

Received with thanks from M. V. Muthiah Government Arts College for Women, Dindigul, Tamil Nadu

A sum of Rupees Five Thousand Nine Hundred Only by Cheque No/DD No/RTGS No. 663079 Dated 2019-03-12 drawn on State Bank of India Payable at Gandhinagar Gujarat towards N-LIST Annual Membership Fee for the financial year 2019-20.

Rs. 5900

Sincerely Yours

For Administrative Officer(PA & F)

This receipt is valid on realization of Cheque and DD.

Subject to Gandhinagar(Gujarat) jurisdiction only

Online Printed Date : 2023-03-29 10:57:25

INFLIBNET Ref No : INF/N-LIST/2019/6284

GSTIN. 24AAAT1480J1ZS.

Infocity, P.B. No. 4, Gandhinagar - 382007, Gujarat, INDIA

इन्फोसिटी, पो.बो. नं. ४, गांधीनगर - ३८२००७, गुजरात (भारत)


Ph.: +91-79-23268000, Fax : +91-79-23268222, http://www.inflibnet.ac.in



Criterion : IV – Infrastructure and Learning Resources
Metric : 4.2 Library as a Learning Resource
Year : 2018-2023



2020-2021



Information and Library Network Centre
(An Autonomous Inter-University Centre of UGC)

सूचना एवं पुस्तकालय नेटवर्क केन्द्र
(विश्वविद्यालय अनुदान आयोग का स्वायत्त अंतर विश्वविद्यालय केन्द्र)

National Library and Information Services Infrastructure of Scholarly Content (N-LIST)

Invoice


Ref No.: INF/N-LIST/2020/6284 Date: 2020-02-11
Invoice No.: NLIST/19-20/1841
College GST No.: Not Available
College GST State Code: TN [33]

Name and Address of Subscriber

To
 The Principal
 M. V. Muthiah Government Arts College for Women
 Thadicombu Road,
 Dindigul
 Tamil Nadu - 624001

SR. No.	Membership Fee	Period of Membership	Amount In Rs
1	N-LIST Annual Membership Fee	April 2020 to March 2021	5,000.00
		CGST@0.00%	0.00
		SGST@0.00%	0.00
		IGST@18.00%	900.00
		Total	5,900.00

Rupees Five Thousand Nine Hundred Only
 GSTIN: 24AAAT11480J1ZS
 TDS is not applicable on annual membership fee.

Sincerely Yours

 Ashok Kumar Rai
 Scientist-E(CS)

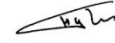
----- Cut Here -----

N-LIST MEMBERSHIP FEE RECEIPT

Receipt Date: 2020-02-11 Receipt No: 27294

Received with thanks from M. V. Muthiah Government Arts College for Women, Dindigul, Tamil Nadu
 A sum of Rupees Five Thousand Nine Hundred Only by Cheque No/DD No/RTGS No. 285715 Dated
 2020-02-11 drawn on State Bank of India Payable at Gandhinagar Gujarat towards N-LIST Annual
 Membership Fee for the financial year 2019-20.

Rs. 5900

Sincerely Yours

 For Administrative Officer(PA & F)

This receipt is valid on realization of Cheque and DD.
 Subject to Gandhinagar(Gujarat) jurisdiction only
 Online Printed Date : 2023-03-29 10:57:27
 INFLIBNET Ref No : INF/N-LIST/2020/6284
 GSTIN. 24AAAT11480J1ZS.


Infocity, P.B. No. 4, Gandhinagar - 382007, Gujarat, INDIA
 इन्फोसिटी, पो.बो. नं. ४, गांधीनगर - ३८२००७, गुजरात (भारत)
 Ph.: +91-79-23268000, Fax : +91-79-23268222, http://www.inflibnet.ac.in



Criterion : IV – Infrastructure and Learning Resources
Metric : 4.2 Library as a Learning Resource
Year : 2018-2023



2021-2022



Information and Library Network Centre
 (An Autonomous Inter-University Centre of UGC)

सूचना एवं पुस्तकालय नेटवर्क केन्द्र
 (विश्वविद्यालय अनुदान आयोग का स्वायत्त अंतर विश्वविद्यालय केन्द्र)

National Library and Information Services Infrastructure of Scholarly Content (N-LIST)

Invoice

Ref No.: INF/N-LIST/2021/6284

Date: 2021-04-21
 Invoice No.: NLIST/21-22/299
 College GST No.: Not Available
 College GST State Code: TN [33]

Name and Address of Subscriber


To
 The Principal
 M. V. Muthiah Government Arts College for Women
 Thadicombu Road,
 Dindigul
 Tamil Nadu - 624001

SR. No.	Membership Fee	Period of Membership	Amount In Rs
1	N-LIST Annual Membership Fee	April 2021 to March 2022	5,000.00
		CGST@0.00%	0.00
		SGST@0.00%	0.00
		IGST@18.00%	900.00
		Total	5,900.00

Rupees Five Thousand Nine Hundred Only

GSTIN: 24AAAT11480J1ZS
 TDS is not applicable on annual membership fee.

Sincerely Yours



Ashok Kumar Rai
 Scientist-E(CS)

----- Cut Here -----

N-LIST MEMBERSHIP FEE RECEIPT

Receipt Date: 2021-04-21


Receipt No: 52129

Received with thanks from M. V. Muthiah Government Arts College for Women, Dindigul, Tamil Nadu

A sum of Rupees Five Thousand Nine Hundred Only by Cheque No/DD No/RTGS No. RB1122153445118
 Dated 2021-04-21 drawn on RESERVE BANK OF INDIA Payable at Gandhinagar Gujarat towards N-LIST
 Annual Membership Fee for the financial year 2021-22.

Rs. 5900

Sincerely Yours



For Administrative Officer(Finance)

This receipt is valid on realization of Cheque and DD.
 Subject to Gandhinagar(Gujarat) jurisdiction only
 Online Printed Date : 2023-03-29 10:57:29
 INFLIBNET Ref No : INF/N-LIST/2021/6284
 GSTIN. 24AAAT11480J1ZS.

Infocity, P.B. No. 4, Gandhinagar - 382007, Gujarat, INDIA
 इन्फोसिटी, पो.बो. नं. ४, गांधीनगर - ३८२००७, गुजरात (भारत)
 Ph.: +91-79-23268000, Fax : +91-79-23268222, http://www.inflibnet.ac.in



Criterion : IV – Infrastructure and Learning Resources
Metric : 4.2 Library as a Learning Resource
Year : 2018-2023




2022-2023

SR. No.	Membership Fee	Period of Membership	Amount In Rs
1	N-LIST Annual Membership Fee	April 2022 to March 2023	5,000.00
		CGST@0.00%	0.00
		SGST@0.00%	0.00
		IGST@18.00%	900.00
		Total	5,900.00

Rupees Five Thousand Nine Hundred Only

GSTIN: 24AAAT1480J1ZS
TDS is not applicable on annual membership fee.

Sincerely Yours

 Ashok Kumar Rai
 Scientist-E(CS)


----- Cut Here -----

N-LIST MEMBERSHIP FEE RECEIPT

Receipt Date: 2022-03-28
Receipt No: 55012

Received with thanks from M. V. Muthiah Government Arts College for Women, Dindigul, Tamil Nadu
 A sum of Rupees Five Thousand Nine Hundred Only by Cheque No/DD No/RTGS No. RBI0882278546922
 Dated 2022-04-28 drawn on RESERVE BANK OF INDIA Payable at Gandhinagar Gujarat towards N-LIST
 Annual Membership Fee for the financial year 2021-22.

Rs. 5900

Sincerely Yours

 Administrative Officer(Finance)

This receipt is valid on realization of Cheque and DD.
 Subject to Gandhinagar(Gujarat) jurisdiction only
 Online Printed Date : 2023-08-18 17:08:17
 INFLIBNET Ref No : INF/N-LIST/2022/6284
 GSTIN. 24AAAT1480J1ZS.

Infocity, P.B. No. 4, Gandhinagar - 382007, Gujarat, INDIA
 इन्फोसिटी, पो.बो. नं. ४, गांधीनगर - ३८२००७, गुजरात (भारत)
 Ph.: +91-79-23268000, Fax : +91-79-23268222, <http://www.inflibnet.ac.in>