



COMPUTERIZED INFORMATION SERVICE



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In a parliamentary system, the representatives of the people need objective, factual and timely information. With this in view, the Parliament of India, over the years, has taken significant steps in developing Information Technology to assist parliamentarians in the effective discharge of their duties.

For the purpose of introducing automation in Parliament Library, the computer-based information retrieval system named Parliament Library Information System (PARLIS) was started in December 1985 with the help of the National Informatics Centre (NIC). Since then, the Computer Centre, now renamed as Computer (HW & SW) Management Branch, has played a key role in the modernization and computerization not only of the Parliament Library but also of the entire Lok Sabha Secretariat.

The Parliament Library Information System was designed within the Library for the benefit of Members of Parliament. It was a database of subject index references to parliamentary information. Later, all the databases were converted into full text databases in Web format and were made available on the Parliament of India Home Page.

Information available on Parliament of India Home Page

(<http://parliamentofindia.nic.in>)

The Parliament of India Home Page was inaugurated by the then President of India, Dr. Shanker Dayal Sharma, on 15 March, 1996. In a very short period, the Home Page containing the information generated within the Rajya Sabha and Lok Sabha has become an important source of information and reference tool about the Constitution of India, history of Indian Parliament, its practices and procedures, proceedings of Constituent Assembly, Rajya Sabha and Lok Sabha, profiles of Members of both Houses and their socio-economic background, etc. Separate websites of Lok Sabha and Rajya Sabha are being maintained by the respective Secretariats and are linked on the Parliament of India Home Page.

The web page of Lok Sabha is periodically redesigned to facilitate easy access of information to the users. The data released on the website is organized logically through user-friendly drop-down menus. Navigation of information across the pages is also available. The major components of parliamentary information now available on the Lok Sabha Home Page (*<http://loksabha.nic.in>*) are:-

(i) **Members:** Contains information with regard to the alphabetical, State-wise, party-wise lists of present members, details of women members, nominated members, vacancies, addresses and email addresses. Information pertaining to consolidated list of members (First to Seventeenth Lok Sabha) indicating Lok Sabha experience; Biographical sketches of members from First Lok Sabha onwards; Home Page for each member of present Lok Sabha containing his/her bio-data, participation in the parliamentary proceedings, Questions, Bills, Motions and information pertaining to the development of his/her constituency and various search options in the database are available.

(ii) **Business:** Contains the information relating to the Business of the House, Bulletins, List of Private Members' Business, Special Mentions and Resume of Work done during each Session.

(iii) **Questions:** Contains the Questions list, Text of the Questions and Answers from November 1999 onwards, Supplementary Questions and Answers from July 2000 onwards. Indexes to select questions from 1984 to 1999, Questions Search and list of nodal officers in the Ministries/Departments.

(iv) **Debates:** Contains the text of the daily debates, Synopsis of Debates, Debates with various search facilities from October 1999 onwards, Constituent Assembly Debates and the instances of wit and humour.

(v) **Legislation:** Contains the content and the text of Government/Private members Bills introduced in the Lok Sabha and Rajya Sabha. Title-wise, Members/Ministry-wise, Category-wise search options are available. Details regarding Gazette of India notification and dates of passage in Lok Sabha/Rajya Sabha for the particular Bill are also available.

(vi) **Papers Laid on the Table of the House:** Papers Laid on the Table of the Lok Sabha with search facility are available from December 2013 onwards.

(vii) **Committees:** Contains the information with regard to the composition, subject selected, bills referred, sittings, schedules, study tours, reports presented and action taken statement on action taken reports.

(viii) **Secretariat:** Contains Organization Chart, Recruitment Rules, Recruitment results and Publications available on Sale, Tenders issued by Lok Sabha Secretariat, etc.

In addition to the above, the Virtual Tour of Parliament House and Parliament Library, general information about Parliament, Rules of Procedures and Conduct of Business in Lok Sabha, Directions by the Speaker, Government of India Manual on Parliamentary Work and Government Instructions on dealings with MPs are also made available on the Home Page. Links to Rajya Sabha; other Parliaments; Inter Parliamentary Union; Commonwealth Parliamentary Association; President of India; Prime Minister; Ministries; States and UTs; Election Commission; Indian Courts; High Courts and Supreme Court have also been provided under the icons 'Legislative Sites', 'Judicial/Legal Sites' and 'Official Sites' on the Lok Sabha Home Page.

A website on Legislative Bodies in India (<http://legislativebodiesinindia.nic.in>) which contains the webpages of all the Legislatures at one place, is also being maintained by the Lok Sabha Secretariat. Similarly, webpages for Conference Branch and RTI are also linked to the Homepage.

Lok Sabha Speaker's Website

(<http://speakerloksabha.nic.in>)

A separate Homepage has been developed for Lok Sabha Speaker, which *inter alia* contains the profile of the present Speaker, his/her political and personal achievements, role of the Speaker, events attended, speeches and press releases. Apart from this, the profiles of all the former Speakers along with their respective terms of office are available in this section.

Speaker's Research Initiative

(<http://sri.nic.in>)

Speaker's Research Initiative (SRI) was inaugurated on 23 July, 2015 by Prime Minister, Shri Narendra Modi. The website of SRI provides information relating to the workshops organised by the SRI, meetings of SRI groups, Fellowship schemes, Internship programmes etc. It also provides information regarding events attended by the Speaker, Lok Sabha, video clippings and photo gallery of the workshops by SRI. Besides, the website also provides information regarding Publications, Resources, SRI in news, etc.

Press and Public Relation

(<http://pprloksabha.nic.in>)

An interactive website for Press and Public Relations (PPR) has been developed which caters to the needs of the Press and provide all possible facilities to enable them to cover the day-to-day proceedings of Lok Sabha. The website contains information with regard to the Press Advisory Committee, Press Releases, Floral Tributes, Statement of work, Facilities to Media, Media Accreditation Index, etc. The website also provides a link to the Photo Gallery where the photographs of Parliamentary events are placed. The social media platforms of the Lok Sabha Secretariat, viz. Twitter and Facebook are also on the website. It is a responsive portal that is fully functional across various screen sizes and devices.

Parliament Museum Website

(<http://parliamentmuseum.org>)

The interactive website of the Parliament Museum was launched by the Speaker of Lok Sabha on 19 December, 2007. The website tells the story of India's democratic heritage spanning over 2500 years. This story is woven with the help of walk-through period settings with sound-light-video animation, large-screen interactive computer multimedia, animatronics, impressive visualization with multi-screen panoramic projection. The user can take part in quiz on Indian democracy, choose picture post-cards and e-mail and make suggestions or ask questions to the Museum.

Bureau of Parliamentary Studies and Training (BPST) Website

(<http://bpst.nic.in>)

This website provides information relating to Orientation Programmes, Lectures, Seminars for Members and Training Programmes and Study Visits/Tours for Government Officials. It also provides information relating to Appreciation Courses organized for Probationers of All India Services, International Training Programmes for Parliamentary and Government Officials, etc.

Lok Sabha Television Channel (LSTV) Website

(<http://loksabhatv.nic.in>)

In order to keep abreast with the new technological developments, LSTV has launched a refurbished website which aspires to move from television screen to computers, laptops

and mobile phone. The content of the website not only aims to telecast the live proceedings of the Lok Sabha but also contains a lot of new features such as speeches of President of India, Speaker, Lok Sabha and Prime Minister of India, Question Hour. Another section is devoted to Quiz covering questions related to Democracy, Parliament and Constitution. A section related to “Special Moments” is dedicated to Conferences, Parliamentary programmes and events and other important Parliament activities in Parliament House Complex and outside. In addition, LSTV website has been made informative by providing links for oath taking of all the Members of Seventeenth Lok Sabha on a ‘click’ of a button. The mobile app has been developed to help the citizens to access information on LSTV, its programmes and proceedings of the House.

Parliament Digital Library Website

(<http://eparlib.nic.in>)

Parliament Digital Library provides information about various parliamentary documents of Lok Sabha, the House of People. The debates of Lok Sabha, from the First Lok Sabha to the Seventeenth Lok Sabha are placed in this portal. The Reports of several Parliamentary Committees, Presidential Addresses to Parliament, Budget Speeches, and several publications of the Lok Sabha Secretariat are also part of its collections. The treasured and historic legislative debates, tracing the growth and development of modern parliamentary institutions in India, from 1858 to 1952, thereby covering the period of 95 years, is being uploaded periodically. The portal provides the users a single window information retrieval technology with filtered and federated search from multiple searchable resources.

Parliament Library Website

(<http://parliamentlibraryindia.nic.in>)

The website provides information relating to the Parliament Library collections, new additions to the Library, e-resources and various services available to Members of Parliament. The activities of Parliament Library have been automated by using an indigenously developed commercial software package ‘LIBSYS’. The catalogue of the Library can be accessed online through the Parliament Library website.

Members e-Portal

As an initiative towards e-Parliament and Paperless Secretariat, an e-portal for the benefit of Members was launched on 17 July, 2016. The portal offers several online services including submission of notices for various parliamentary devices in electronic form, online references, etc. Through the e-portal, Members of Parliament can interact with the various Branches of the Secretariat online. Every Member has been given a login ID and password, using which they can access the portal. Members can submit notices online with respect to Adjournment Motion, Calling Attention Motion, Zero Hour, etc. Schedules, minutes of the Committee Meetings and agenda papers of the Committees and the advance copies of the Bills, their amendments and Private Members Bills are made available on to the Portal for the use of the Members. Members can submit reference request and receive the reference material through the Portal. Members can also send bulk mails and SMS to other Members.

Lok Sabha Intranet

(<http://164.100.47.193/Intranet/home.aspx>)

To bring down the quantum of paper used on a regular basis, various activities of the Lok Sabha Secretariat have been put in an automated format. All circulars/office orders/memoranda are being uploaded on the intranet for information of all employees. This has considerably reduced the circulation of papers. Through the Intranet site, the employees of the Secretariat can see the documents that are used and consulted frequently. The information available on the Lok Sabha Intranet website *inter alia* comprises of:-

- Establishment List/Organization Chart
- Recruitment and Conditions of Service Orders and Rules/Manual on Office Procedure
- Salary Slips/Leave Record
- Accommodation Priority List
- Circulars/Downloadable Forms
- Telephone Directory/Contact Details of Members/Officers
- e-mail Addresses of Branches

E-Office System

An e-Office system has been implemented in the Lok Sabha Secretariat for electronic File Tracking System, electronic File Management System, electronic Leave Management System and other electronic functionalities. The following components of the e-Office application are functional:

- (i) File Management System (eFile);
- (ii) Knowledge Management System (KMS);
- (iii) Collaboration and Messaging Services (CAMS);
- (iv) Leave Management System (eLeave);
- (v) Tour Management System (eTour); and
- (vi) Personnel Information Management System (PIMS)

In addition, the Immovable Property Return (IPR), which is part of the Smart Performance Appraisal Report Recording Online window (SPARROW) has also been implemented.

The e-Office functionalities are being managed and maintained by e-Office team of NIC. For working in e-Office software, each and every employee of the Lok Sabha Secretariat has been provided a e-mail ID on the Sansad Server.

Computer Facilities to Members of Parliament:

Scheme of Financial Entitlement to Members of Lok Sabha for purchase of Computer Equipment

Under the 'Provision of Computer Equipment (Members of Lok Sabha) Rules, 2009', a Member of Lok Sabha (who has been elected in General Election or by-election or nominated by the President under Article 331 of the Constitution of India) is entitled to purchase computer equipment, *i.e.* Desktop, Laptop, Printer, Scanner, Palmtop, e-Reader, computer related software, accessories etc., within the monetary ceiling of `3,00,000 with effect from 13.01.2015. However, the maintenance and insurance charges of the computer hardware items procured by the Members, under the scheme, are to be borne by the Members themselves.

The 'Committee on Provision of Computers to Members of Lok Sabha' looks into the matters concerning the financial entitlement of a member for purchase of computer equipment and other computer related issues.

Members' Query Booth

A Members' Query Booth functions from Room No. FB-91, Parliament Library Building where Members submit the Proforma Invoice/Bill under the scheme for payment of amount to the dealer or for reimbursement to themselves for the purchase of the computer equipments.

Computer Equipments to Offices of Legislature Parties

As per provisions of Computer Equipment (Legislature Party in Lok Sabha and Officers) Rules, 2009, Legislature Parties which have been allotted accommodation in Parliament House Complex are entitled to one Desktop, one UPS, one Printer and Internet Connection by the Secretariat. Maintenance of computer equipment are also provided by the Secretariat. The Leader/Chief Whip of a legislature party is liable to get the computer equipment insured immediately after receiving the same from the Secretariat at the cost of one's Party. The charges for consumables are also borne by the Party.

Return of computer Equipments

Where a Leader/Chief Whip ceases to be a Leader/Chief Whip or a Member of Lok Sabha, Computer Equipments are returned to the Secretariat.

Virtual Local Area Network (VLAN) and Wi-Fi facility for the Members

A dedicated Virtual Local Area Network (VLAN) and Wi-Fi facility has been made functional in the Chamber of the Lok Sabha with effect from 18.07.2018. Through this network, Wi-Fi access to Intranet Services of Lok Sabha and various government

websites/portals have been provided. For details of government sites, members may refer to 'www.goidirectory.nic.in'. Members may avail this facility inside the Lok Sabha Chamber through their officially registered mobile or officially registered I-Pad.

Intranet and E-mail Services

To facilitate sharing of data and access Internet, a high speed Local Area Network (LAN) has been laid. The LAN has Fibre backbone and is designed capacity of 10 Gbps(inter-building) and 1 Gbps data transfer capacity at backbone to the access switch at the client level. The switches have layer 3 routing capabilities. They are ideally suited for high performance, high port density, fast Ethernet and gigabit Ethernet aggregation in all parts of the network including the access, distribution and backbone layers as well as the server farm and data centre environments. The computer connectivity to outside world including Internet is being provided through National Informatics Centre Network known as NICNET at PLB. The Parliament of India is connected to NICNET at NIC(HQ), CGO Complex through two links of 1Gbps optical fibre one from Power Grid Corporation of India Limited (PGCIL) and other from MTNL. All the Users have been provided access to Internet. Also a dedicate E-mail Messaging Service with the domain name (sansad.nic.in) is available to all the Members of Parliament and Officers/Sections of the Parliament Secretariats.

Procurement and Maintenance of Computers

A number of computers have been installed in the Lok Sabha Secretariat for efficient management of information. The Standing Technical Advisory Committee (STAC) is constituted with effect from 21.11.2011 under Rule 7 of 'The Provision of Computer Equipment (Members of Lok Sabha) Rules, 2009' for technical examination of proposals. An Officers' Committee on Computerization in Lok Sabha Secretariat has been constituted with effect from 18.10.1999 to discuss and recommend review of demands of computer hardware, Guidelines for issue of computer hardware to Officers and Branches, upgradation of LAN and Wi-Fi network in Parliament House Complex, Guidelines for Service Level Agreements etc.

Annual Maintenance Contract: The work of maintenance of the computers is entrusted to a vendor/Firm through Open advertised Tender Enquiry. The firm/vendor who is awarded the Annual Maintenance Contract sets up a Complaint Redress Centre in Parliament Complex to register the calls regarding maintenance of Computer Hardware from Officers/Branches and to resolve the complaints. The Complaint Redress Centre also provides telephonic support for the user's assistance.

Training

Orientation programmes are organized regularly at the Bureau of Parliamentary Studies and Training for the benefit of the MPs & their PAs and officers of the Secretariat in acquiring knowledge and developing/sharpening their skills in various uses of information technology for parliamentary work. These are conducted by specialized agencies like TCS, NIC and the Ministry of Communications and Information Technology. A Computer

Training Room has been set up in the Parliament Library Building to conduct regular training programmes for members of Parliament, their staff and officers of Parliament.

LOK SABHA SECRETARIAT
NEW DELHI
MAY, 2019
LARRDIS/No.30/1/2019/PPR