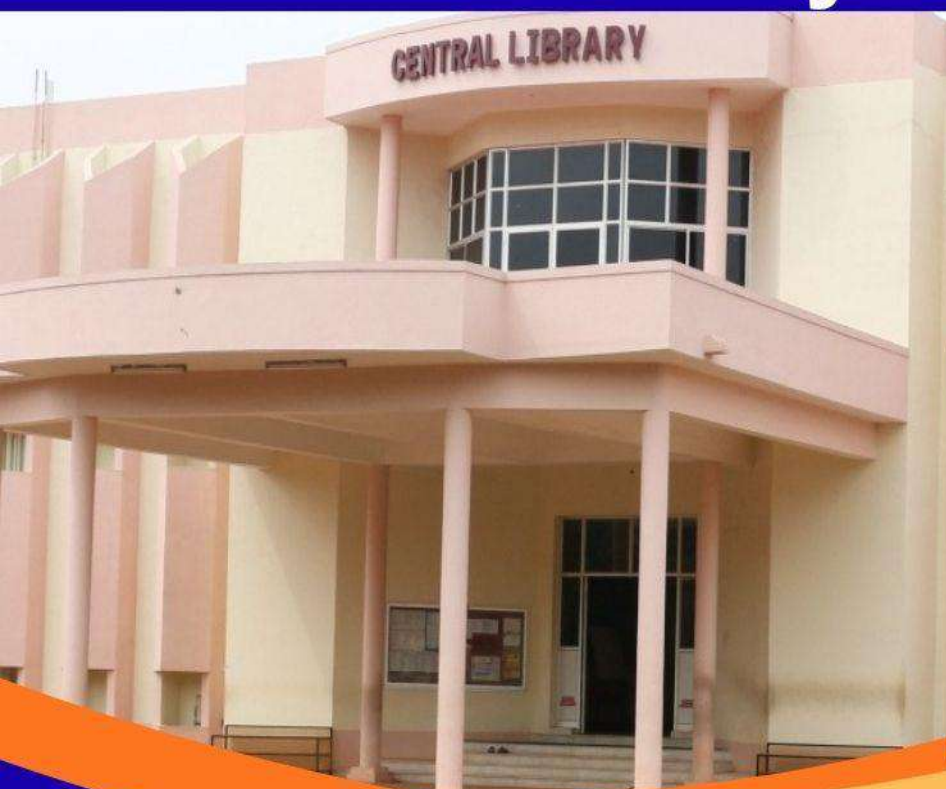


Central Library Bulletin



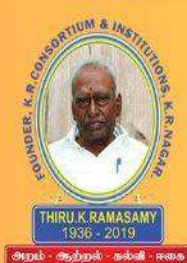
Academic Year
2025 - 2026



**Central Library
Readers Park**



**NATIONAL
ENGINEERING
COLLEGE**
(Autonomous)



அறியல் - ஆற்றல் - கல்வி - நலம்

NEC Central Library Bulletin

Academic Year 2025 - 26

CENTRAL LIBRARY READERS PARK

VISION

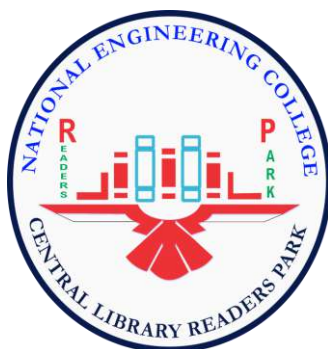
Enriching the knowledge and attitude of the students through reading and analyzing quality books, articles and journals

MISSION

- To motivate the students to gain knowledge via the art of reading
- To develop interest in reading via organizing various activities
- To create opportunities for students to inculcate the reading habits
- To transform the lives by reading inspiring books

CENTRAL LIBRARY BULLETIN

Academic Year 2025 – 26



Dr.K.Karunai Raghavan

T.Rajan

L.Rama Lakshmi

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S.Aathi Lakshmi

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NATIONAL ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

K. R. Nagar, Kovilpatti – 628 503. Thothukudi District

July 2026



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Central Library Bulletin for the Academic Year 2025-26

Published by:
Central Library Readers Park
National Engineering College
K. R. Nagar, Kovilpatti – 628 503.
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From the Correspondent's desk

K.R.Arunachalam, B.Com., M.B.A. (Misso-USA)

Correspondent



‘A library is not a luxury but one of the necessities of life’

- Henry Ward Beecher

It gives me great pleasure to present the **NEC Central Library Bulletin Academic Year 2025-26**. The Central Library continues to be the intellectual heart of National Engineering College, providing quality print and digital resources, modern learning facilities, and technology-enabled services that support teaching, learning, research, and innovation.

During the academic year, the library strengthened its collections, expanded access to e-resources, and actively promoted self-learning through initiatives such as SWAYAM-NPTEL, Spoken Tutorial-IIT Bombay, the NDLI Club, DELNET, and the Central Library Readers Park. These initiatives have inspired students to cultivate reading habits, enhance technical competencies, and embrace lifelong learning.

I appreciate the dedicated efforts of the Librarian, library staff, faculty members, and student volunteers for their valuable contributions to the continued growth of the Central Library. I am confident that the library will remain a vibrant centre of knowledge, empowering our students to achieve academic excellence and become responsible professionals. I extend my best wishes to everyone associated with this publication.

Correspondent

1. National Engineering College (NEC):

National Engineering College (NEC), Kovilpatti, is one of the most renowned educational institutions in southern Tamil Nadu and is widely recognized as the pride of Kovilpatti, often referred to as “*The Crowning Glory of the Matchless City of Matches.*” Founded in 1984 by the visionary philanthropist **Kalvithanthai Thiru K.Ramasamy**, fondly known as the “**Son of the Soil**,” the institution has significantly contributed to the educational, social and cultural development of the region.

Established under the Self-Financing Scheme of the Government of Tamil Nadu, NEC transformed a barren landscape into a vibrant centre of learning and innovation. Over the past four decades, the college has consistently produced competent engineers and professionals who have excelled in various fields across India and abroad.

Affiliated with Anna University, the college offers a wide range of undergraduate and postgraduate programmes in engineering, technology, and allied disciplines. NEC is committed to providing quality education, fostering research, promoting innovation, and nurturing ethical values among students.

The institution is situated on a sprawling green campus along the Madurai–Tirunelveli National Highway (NH 44), providing a serene and conducive environment for academic pursuits. With modern infrastructure, well-equipped laboratories, advanced library facilities, and a vibrant learning ecosystem, NEC continues to uphold its mission of shaping future-ready professionals and responsible citizens.

Today, as it enters its fifth decade of excellence, National Engineering College remains dedicated to empowering students through knowledge, innovation, and holistic development, reinforcing its position as a premier institution of higher education in Tamil Nadu.

2. Central Library:

The Central Library serves as the intellectual hub of National Engineering College (NEC), supporting the teaching, learning, research and innovation activities of the institution. As a gateway to knowledge, the library is committed to meeting the academic and informational needs of students, faculty members, researchers and lifelong learners.

The library is equipped with modern technologies and operates through a web-based Integrated Library Management System (ILMS), providing fully automated services, including e-Gate, circulation, Web OPAC, and digital resource access. These facilities enable users to search, locate, and access library resources efficiently, both within the campus and remotely.

Housed in a spacious, modern and fully air-conditioned building, the library offers a comfortable and conducive environment for study and research. It maintains a rich collection of books, journals, reference sources, newspapers, magazines, project reports, and digital resources covering a wide range of academic disciplines. The resources are systematically organized using standard classification and cataloguing practices, ensuring easy retrieval and accessibility.

The library follows the Open Access System, allowing users to browse the shelves freely and encouraging independent learning and exploration. High-speed Wi-Fi connectivity throughout the library facilitates seamless access to e-resources, online databases, and digital learning platforms. In addition to the Central Library, departmental libraries are maintained across various academic departments to provide subject-specific resources and enhance learning opportunities.

Beyond its conventional services, the Central Library actively promotes reading habits and knowledge-sharing through the Central Library Readers Park. Various initiatives such as orientation programmes, user awareness sessions, book exhibitions, reading campaigns, workshops, lectures, and competitions are regularly organized to foster a culture of reading, creativity, and research among students.

With its user-centric services, advanced infrastructure, extensive resources, and commitment to continuous improvement, the Central Library remains a cornerstone of academic excellence at NEC, nurturing intellectual growth and supporting the institution's mission of creating competent professionals and lifelong learners.

Library Working Hours:	Monday to Saturday	: 08.30 a.m. – 07.30 p.m.
	Sunday	: 09.30 a.m. – 01.00 p.m.

The library remains open throughout the year except on Government Holidays.

The Central Library continues to evolve as a dynamic learning resource centre, empowering the NEC community through access to knowledge, information, and innovation.

2.1 About Central Library:

The Central Library at NEC serves as a vibrant hub of knowledge, offering dedicated sections that support emerging technologies, interdisciplinary learning, research, and overall academic development. These carefully curated areas enhance user engagement, foster innovation, and promote lifelong learning.

Library Sections and Facilities:

- **Book Stocking Section:** Contains a comprehensive collection of textbooks and reference books, including prescribed course materials and resources for competitive examinations.
- **Reference Section:** Houses dictionaries, encyclopedias, directories, standards, manuals, handbooks, conference proceedings, competitive examination guides, and University/Autonomous question paper booklets.
- **General Studies Section:** Provides resources for competitive examinations such as GATE, GRE, GMAT, UPSC, and other government service examinations, along with books on general knowledge, current affairs, and personality development.
- **Interdisciplinary Studies Section:** Features books that integrate concepts across multiple disciplines, including Educational Psychology, Indian Art and Culture, Geography, World History, and related subjects.

- **Career Development Corner:** Offers resources on career planning, job interview preparation, leadership, entrepreneurship, soft skills, innovation management, business strategies, start-up development, industry trends, and success stories.
- **Exclusive & Valuable Book Circle:** Consists of a curated collection of rare, unique, and valuable books that serve as important sources of reference and inspiration.
- **New Arrivals Section:** Showcases the latest additions to the library collection and keeps users informed about newly acquired resources.
- **Library Wall of Knowledge:** Highlights emerging technologies, trending topics, popular books, informative content, and motivational quotes to inspire and engage library users.
- **E-Library:** Equipped with computer systems that provide access to e-books, e-journals, online databases, and other digital resources to support learning and research activities.
- **A.V. Hall (Audio-Visual Hall):** A dedicated facility for conducting Readers Park activities, NPTEL programmes, Spoken Tutorial workshops, seminars, conferences, guest lectures, and viva voce examinations using modern audio-visual facilities.
- **Periodicals Section:** Provides access to printed technical magazines, and other periodicals to support current awareness and subject-specific learning.
- **Circulation Section:** Operates through a fully computerized barcode-based circulation system, ensuring efficient issuing, returning, and renewal of library resources.
- **Back Volume Section:** Maintains bound volumes of journals archived annually for reference purposes. Back volumes are also available for borrowing by users.
- **Web OPAC (Online Public Access Catalogue):** Enables users to search and locate library resources, including books, journals, question banks, project reports, and back volumes through an online interface.
- **Reprography and Printing Services:** Provides photocopying, scanning, and printing facilities to support academic and research requirements.
- **Book Bank Section:** Caters to students availing the Post-Matric Scholarship Scheme of the Government of India. Eligible students may borrow up to six books for one semester, which must be returned at the end of the semester.

2.2 Library Collections (as on 31 May 2026):

Table No. 01 – Library Collections

Resource	Titles	Volumes
Book	31495	63211
Reference Books	1056	1126
Book Bank Books	693	3319
Student Projects Reports (Since 2004)		6682

Back Volumes of Journals (Since 1993)		3764
Books & Periodicals CDs/DVDs		3372
NPTEL Videos Lectures		24 TB
Daily Newspapers		19
Periodicals:		
Technical Magazines		26
E-Resources:		
E – Journals	Science Direct (Elsevier)	350
	IEEE (ASPP)	208
E – Books	EBSCO Engineering Core Collection	7642
Institutional Memberships:		
- DELNET (Developing Library Network)		
- NDLI Club (National Digital Library of India Club)		
- e-Shodh Sindhu Consortium, INFLIBNET Centre, Gandhi Nagar, Gujarat		
- INFED, INFLIBNET Centre, Gandhi Nagar, Gujarat		
Online Self-Learning Courses:		
- SWAYAM – NPTEL, IIT Madras		
- FOSS Courses, Spoken Tutorial, IIT Bombay		
Question Bank Repository:		
Since 2002 – Anna University & Since 2011 – Autonomous		

3. Central Library Utility Statistics:

3.1 Utility Report (June 2025 to May 2026):

The NEC Central Library continued to play a pivotal role in supporting academic learning, teaching, research, and professional development during the period from **June 2025 to May 2026**. The utilization statistics demonstrate the extensive use of library resources, facilities, and services by students and faculty members.

- **Library Footfall:** During the reporting period, the Central Library recorded a total student footfall of **63,668**, reflecting the strong reading culture and active utilization of library resources among students. The library witnessed an average of **5,306 student visits per month** and **354 student visits per day**.

Faculty members also made regular use of library facilities, accounting for **531 visits** during the year, with an average of **44 visits per month** and **3 visits per day**. The combined footfall highlights the library's significance as a learning and knowledge Centre within the institution.

- **Circulation Services:** The library's circulation section handled a total of **14,574 book transactions**, comprising 7,154 book issues and 7,420 book returns. **On average**, 596 books were issued and 618 books were returned each month, while the daily averages stood at **40 issues** and **41 returns** respectively.

These statistics indicate sustained utilization of the library's print collection and demonstrate the continued relevance of traditional learning resources in supporting academic programmes.

- **Periodicals and Reference Usage:** The Periodicals Section attracted **2,881 users** during the academic year. The section recorded an average monthly usage of **240 users** and a daily average of **16 users**, reflecting continuous interest in current technical developments, research trends, and professional publications.
- **Web OPAC Usage:** The Web Online Public Access Catalogue (Web OPAC) registered **564 searches** during the year. This service enabled users to locate books, journals, project reports, question banks, and other resources efficiently through the library's automated system.
- **E-Library Services:** The E-Library facility recorded **2,127 user accesses**, demonstrating the growing preference for digital learning resources. Monthly and daily averages were **177 users** and **12 users**, respectively. The facility provided access to e-journals, e-books, online databases, NPTEL resources, and other digital learning platforms.
- **Reprographic Services:** The library's photocopying and printing services remained one of the most frequently utilized facilities. During the year, a total of **31,887 pages** were printed or photocopied by students and faculty members for academic, project, and research purposes.
- **A.V. Hall Utilization:** The Audio-Visual Hall served as an important venue for academic and co-curricular activities. A total of **873 participants** utilized the facility for Readers Park programmes, NPTEL activities, FOSS workshops, student's insight lectures, and Ph.D. Viva-Voce examinations.
- **Laptop and Technology Support Services:** To facilitate digital learning and research activities, the library provided laptop access facilities to students and faculty members. During the reporting period, **7,937 users** availed themselves of this facility, averaging **661 users per month** and **44 users per day**. The high usage demonstrates the increasing reliance on technology-enabled learning resources.

Overall Impact: The utility statistics clearly indicate that the NEC Central Library remains a highly active and extensively utilized academic resource Centre. The substantial footfall, significant circulation transactions, increasing use of digital resources, and active participation in library-based programmes reflect the library's commitment to supporting teaching, learning, research, innovation, and lifelong learning. Through its modern infrastructure, technology-enabled services, and user-centric initiatives, the Central Library continues to contribute significantly to the academic excellence of National Engineering College.

Table No. 02 - Utility Statistics – Section wise

Month & Year	Library Visits		Transaction		Periodicals	e-Library		Xerox	A.V.Hall	Laptop
	Students	Staff	Issues	Returns		Web OPAC	1 Floor			
Jun-25	1954	27	441	585	90	194	95	104	0	203
Jul-25	6307	50	1234	791	220	114	113	351	35	676
Aug-25	6845	67	982	943	208	26	84	6463	152	731
Sep-25	7995	77	829	952	143	48	264	1109	26	1306
Oct-25	5170	51	510	617	258	38	103	5903	83	783
Nov-25	4317	39	452	713	187	30	32	582	0	470
Dec-25	3836	28	496	377	278	13	129	438	60	372
Jan-26	5605	45	525	475	175	24	176	418	116	549
Feb-26	6789	53	535	556	250	18	282	6863	149	761
Mar-26	6085	43	485	542	446	15	329	482	116	825
Apr-26	4846	25	349	456	343	26	267	8098	136	803
May-26	3919	26	316	413	283	18	253	1076	0	458
Total	63668	531	7154	7420	2881	564	2127	31887	873	7937
Average P/M	5306	44	596	618	240	47	177	2657	73	661
Average P/D	354	3	40	41	16	3	12	177	5	44

4. E-Learning Management System (e-LMS):

The E-Learning Management System (e-LMS) of the NEC Central Library is a comprehensive digital platform that facilitates remote access to a wide array of academic resources and services. It is designed to support the teaching-learning process by providing students and faculty members with access to high-quality e-resources, online learning tools, and digital libraries. Through this system, users can explore various scholarly materials, participate in assessments, and enhance their learning, research, and academic performance through a rich collection of digital content.

The e-LMS integrates access to globally recognized resources such as the IEEE (ASPP), ScienceDirect (Elsevier), EBSCO e-Books and institutional memberships with DELNET, the NDLI Club, and e-Shodh Sindhu Consortium, thereby expanding the scope of academic engagement and research excellence beyond traditional boundaries.

4.1 E-Library:

The e-Library section is an essential part of the digital learning ecosystem. It is well-equipped with a sufficient number of computer systems providing high-speed internet connectivity for students and faculty. Users can access a variety of non-book materials, including tutorial CDs, educational multimedia resources, and periodical CD-ROMs.

These materials are part of the library's multimedia collection and are readily available to support interactive and self-paced learning across disciplines.

4.2 E-Resources:

The Central Library has a subscription to Science Direct (Elsevier) Engineering and Computer Science online journals, IEEE (ASPP) core collection of Engineering, Electronics and computer Science online journals, EBSCO Engineering core collections of e-books, and Institutional members of DELNET, NDLI Club and e-Shodh Sindhu Consortium.

4.2.1 ScienceDirect (Elsevier):

- The Elsevier AICTE Consortium Package provides access to more than 350 Engineering and Computer Science journals, including archival access and back files from 2000 onwards, through ScienceDirect. <https://www.sciencedirect.com/browse/journals-and-books>
- Users can access ScienceDirect content through the institution's IP-based network and through remote access facilities.
- The Central Library has been subscribing to ScienceDirect (Elsevier) journals since 2012.

How to Access ScienceDirect Remotely?

Step 1: Visit www.sciencedirect.com

Step 2: Scroll to the bottom of the homepage and click Remote Access.

Step 3: Enter your institutional e-mail address and click Continue. A confirmation e-mail will be sent to your registered e-mail account.

Step 4: Open the e-mail and click the activation link to enable remote access.

Step 5: Once activated, you can access ScienceDirect from anywhere using any device.

Step 6: Visit www.sciencedirect.com and sign in using your registered e-mail address and password.

Usage Statistics:

- ScienceDirect resources were extensively utilized by students and faculty members. During the period from **January to April 2026**, users accessed a total of **114,805 full-text articles**, with an average of **28,701 articles per month** and **1,913 articles per day**, highlighting the significant role of digital resources in supporting teaching, learning, and research activities at NEC.

4.2.2 IEEE Xplore Digital Library (ASPP):

- IEEE Xplore Digital Library provides online access to the IEEE core collection of engineering, electronics, electrical sciences, and computer science journals publications. <https://ieeexplore.ieee.org>
- Users can access IEEE Xplore resources through the institution's IP-based network as well as through remote access facilities provided by the library.
- Access is available to **208 IEEE Society-sponsored journals, magazines, and transactions**.

- The subscription includes archival access from **2005 onwards**, along with advanced search features such as faceted searching, saved searches, e-mail alerts, RSS feeds, and personalized research tools.
- The Central Library has been subscribing to **IEEE ASPP (All-Society Periodicals Package) since 2009**.

How to Access IEEE Xplore Remotely?

Step 1: Visit the IEEE Xplore Digital Library at <https://ieeexplore.ieee.org>

Step 2: Click **Institutional Sign In** and select the appropriate sign-in option.

Step 3: Use the Username [0NYo0m0V] and Password [6NFLVg1u]

Usage Statistics:

IEEE Xplore resources were extensively utilized by students and faculty members during the academic year **June 2025 – April 2026**. A total of **2,94,268 article searches and downloads** were recorded, with an average of **26,752 accesses per month** and **1783 accesses per day**, reflecting the growing use of scholarly digital resources for learning, teaching, and research activities.

4.2.3 EBSCO Engineering Core Collection e-books:

- The EBSCO Engineering Core Collection provides access to more than **7,642 e-books** covering a wide range of engineering disciplines, including energy sciences, industrial safety, materials science, optics and photonics, project management, robotics, and related fields.
- The EBSCO Engineering Core Collection is available at: <https://research.ebsco.com>
- Users can access the e-book collection through the institution's IP-based network as well as through remote access facilities.
- The Central Library has been subscribing to the **EBSCO Engineering Core Collection since March 2022**.

How to Access EBSCO Engineering Core Collection e-Books Remotely?

The EBSCO Engineering Core Collection provides remote access to all students and faculty members.

Access URL : <https://search.ebscohost.com/>

User ID : nec

Password : Library@2022 (Password is case-sensitive.)

Usage Statistics:

The EBSCO Engineering Core Collection was actively utilized by students and faculty members. During the period **January–May 2026**, users accessed **499 e-books**, with an average usage of **100 e-books per month** and **7 e-books per day**, demonstrating the growing use of digital learning resources for academic and research activities.

Table No. 03 - Utility Statistics – e-Resources

Month & Year	Searches & Downloads		
	IEEE (ASPP)	ScienceDirect	EBSCO eBook
June 2025	12575	0	0
July 2025	52320	0	0
August 2025	35950	0	0
September 2025	41857	0	0
October 2025	22872	0	0
November 2025	7747	0	0
December 2025	20947	0	0
January 2026	36876	34916	86
February 2026	22268	29820	52
March 2026	22098	22037	69
April 2026	18758	28032	89
May 2026	10626	14545	203
Total	304894	129350	499
Average P/M	25408	25870	100
Average P/D	1694	1725	7

The NEC Central Library's e-Learning Management System (e-LMS) provides seamless access to scholarly journals, e-books, databases, digital libraries, and online learning platforms. Through subscriptions to **ScienceDirect (Elsevier)**, **IEEE Xplore Digital Library (ASPP)**, and **the EBSCO Engineering Core Collection**, along with institutional memberships in **DELNET**, **NDLI Club**, and **the e-Shodh Sindhu Consortium**, the library ensures that students and faculty members have seamless access to quality academic resources anytime and anywhere, thereby strengthening teaching, learning, research, innovation, and lifelong learning.

5. Remote Access:

5.1 INFED Federated Single Sign-on Framework & Remote Access:

The NEC Central Library provides remote access to subscribed e-resources through the **INFED Federated Single Sign-On (SSO) Framework** of the INFLIBNET Centre, Gandhinagar. This secure platform enables students and faculty members to access academic e-resources anytime and from anywhere using a single set of institutional login credentials.

Through INFED, users can seamlessly access subscribed resources such as **IEEE (ASPP)**, **ScienceDirect (Elsevier)**, **EBSCO e-Books** and other federated e-resources without requiring separate logins for each platform. All NEC faculty members and students are registered in the INFED system, ensuring convenient and secure access to digital learning and research resources. Users can access the platform through: **URL: <https://idp.nec.edu.in>**

The INFED framework significantly enhances teaching, learning, and research by providing uninterrupted access to scholarly information beyond the campus network.

6. Institutional Memberships:

To enrich the academic and research experience of students, faculty, and researchers, the NEC Central Library holds **institutional memberships** with various prestigious digital library networks and national-level e-resource consortia. These memberships facilitate access to a vast range of learning materials, digital repositories, and inter-library loan services, extending the scope of library support far beyond campus boundaries.

6.1 DELNET (Developing Library Network)

NEC has been an Institutional Member of DELNET, New Delhi, since 2004. DELNET facilitates resource sharing among libraries through Inter-Library Loan (ILL) and Document Delivery Services (DDS), enabling users to access books, journals, and other learning materials beyond the library's own collection. URL: <http://www.delnet.in>

6.2 National Digital Library of India (NDLI)

The National Digital Library of India (NDLI), developed by IIT Kharagpur under the Ministry of Education, provides access to millions of digital learning resources, including books, articles, videos, theses, and question papers across various disciplines. URL: <https://ndl.iitkgp.ac.in>

NDLI Club: NEC is an active member of the NDLI Club, which promotes reading, learning, and digital literacy through expert talks, workshops, competitions, and other student engagement activities.

6.3 e-Shodh Sindhu Consortium

NEC has been a member of the e-Shodh Sindhu Consortium since 2018. Managed by the INFLIBNET Centre, the consortium provides access to quality scholarly e-resources, journals, and databases, supporting academic excellence and research activities across disciplines. URL: <https://ess.inflibnet.ac.in/oes/memberhome.php>

7. Operational and Financial Activities (June 2025 to May 2026):

During the academic year 2025-26, the NEC Central Library continued to strengthen its print and digital resources to support the teaching, learning, and research activities of the institution. Several important initiatives were carried out to improve library services and provide better access to quality information resources.

- **Book Acquisition:** A total of **201 new books** (Accession Nos. 63010–63211) were added to the library collection based on the recommendations of faculty members and HoDs. These books cover various disciplines and support the curriculum, research, and project work. The total expenditure for book purchase was ₹ 1,44,456/-.
- **Technical Magazine Renewal:** The subscriptions to 26 technical and professional magazines were renewed at a cost of ₹52,807/-.
- **IEEE (ASPP) Online Journals:** The subscription to IEEE (ASPP) Online Journals was renewed at a cost of ₹7,12,648/-. These journals provide access to high-quality research

publications in engineering, computer science, electronics, information technology, and other emerging fields.

- **ScienceDirect (Elsevier) Online Journals:** The subscription to ScienceDirect (Elsevier) Online Journals was renewed at a cost of ₹9,13,759/-. The database offers access to a large collection of peer-reviewed journals that support teaching, research, and innovation.
- **EBSCO Engineering Core Collection e-Books:** The EBSCO Engineering Core Collection e-Books were renewed at a cost of ₹1,03,105/-. These e-books provide 24×7 online access to valuable learning resources for students and faculty members.
- **DELNET Institutional Membership:** The Central Library renewed its institutional membership with DELNET (Developing Library Network) at a cost of ₹13,570/-.
- **Newspaper Subscription:** The library continued its subscription to 19 Tamil and English daily newspapers at an annual cost of ₹55,109/-, helping readers stay informed about current affairs, competitive examinations, and employment opportunities.
- **SWAYAM-NPTEL Examination Fee Reimbursement:** To encourage online learning and certification, the institution reimbursed ₹88,500/- towards SWAYAM-NPTEL examination fees for **8 faculty members** and **94 students** who successfully completed certification courses during the Jul–Dec 2025 session.
- **KOHA Library Software:** The KOHA Integrated Library Management Software (ILMS) was installed at a cost of ₹95,000/-, further improving the automation and efficiency of library operations and user services.

Table No. 04 - Summary of Operational and Financial Activities

Sl. No.	Description	Amount ₹
1	Book Purchase - 201 Books	1,44,456.00
2	Renewal of 26 Technical & Professional Magazines	52,807.00
3	Renewal of IEEE (ASPP), ScienceDirect (Elsevier) & EBSCO Engineering Core Collection e-Resources	17,29,512.00
4	DELNET Institutional Membership Renewal	13,570.00
5	Subscription to 19 Tamil & English Daily Newspapers	55,109.00
6	Miscellaneous Expenses – KOHA ILMS Installation & SWAYAM-NPTEL Examination Fee Reimbursement	1,83,500.00
Total ₹		21,78,954.00

The Central Library spent a total of **₹21,78,954/-** during the academic year 2025-26 on books, journals, e-resources, software, memberships, newspapers, and student support initiatives. These investments reflect the institution's commitment to providing quality library resources and services to students, faculty members, and researchers.

8. Recognizing Outstanding Library Usage Award:

To encourage students to make effective use of the Central Library and to develop regular reading habits, the Central Library introduced the "Active Library User of the Month" initiative in August 2025. Under this initiative, one active library user is selected and recognized every month based on overall library usage, including the frequency of book borrowing and returning, time spent in the library, responsible use of library resources, and adherence to library rules.

The selected user is recognized through a congratulatory circular, display on the Library Notice Board, publication in the Central Library Bulletin, and a social media poster. This initiative motivates students to make better use of library resources and promotes a culture of reading and lifelong learning across the campus.

Active Library User of the Month – August 2025:

Ms.A.Priya Dharshini (Roll No. 2211001), an IV-ECE student, was selected as the "Active Library User of the Month – August 2025" for her excellent use of the Central Library. During the month, she borrowed and returned books 30 times, spent 8 hours 51 minutes in the library for academic learning, and consistently demonstrated responsible use of library resources.



Active Library User of the Month – September 2025:

Ms.A.Rifana Nazreen (Roll No. 2311061), a III-ECE student, was selected as the "Active Library User of the Month – September 2025" for her excellent use of the Central Library. During the month, she borrowed and returned books 25 times, spent 5 hours 54 minutes 20 seconds in the library for academic learning, and consistently demonstrated responsible use of library resources by maintaining six library books within the prescribed due date.



Active Library User of the Month – January 2026:

Mr.A.Siva Subramanian (Roll No. 24106052), a II-ECE student, was selected as the "Active Library User of the Month – January 2026" for his excellent use of the Central Library. During the month, he borrowed and returned books 18 times, spent 12 hours 6 minutes 20 seconds in the library for academic learning, and consistently demonstrated responsible use of library resources by maintaining six library books within the prescribed due date.



Active Library User of the Month – February 2026;

Mr.K.Karuppasamy (Roll No. 25105054), a I-EEE student, was selected as the "Active Library User of the Month – February 2026" for his excellent use of the Central Library. During the month, he borrowed and returned books 17 times, spent 14 hours 54 minutes 46 seconds in the library for academic learning, and consistently demonstrated responsible use of library resources by maintaining five library books within the prescribed due date.



Active Library User of the Month – March 2026:

Mr.A.Siva Subramanian (Roll No. 24106052), a II-ECE student, was selected as the "**Active Library User of the Month – March 2026**" for his excellent use of the Central Library. During the month, he borrowed and returned books 22 times, spent 31 hours 44 minutes 37 seconds in the library for academic learning, and consistently demonstrated responsible use of library resources by maintaining six library books within the prescribed due date.

**Active Library User of the Month – April 2026:**

Mr.A.Siva Subramanian (Roll No. 24106052), a II-ECE student, was selected as the "**Active Library User of the Month – April 2026**" for his excellent use of the Central Library. During the month, he borrowed and returned books 13 times, spent 39 hours 42 minutes 28 seconds in the library for academic learning, and consistently demonstrated responsible use of library resources by maintaining five library books within the prescribed due date.

**Active Library User of the Month – May 2026:**

Ms.C.Abinaya Petchiammal (Roll No. 2313054), a III-EEE student, was selected as the "**Active Library User of the Month – May 2026**" for her excellent use of the Central Library. During the month, she borrowed and returned books 19 times and consistently demonstrated responsible use of library resources by maintaining three library books within the prescribed due date.

**9. Extension Services - Central Library Readers Park:**

The **Central Library Readers Park** serves as an extension activity of the Central Library, providing students with a platform to develop reading habits, improve communication skills, and enhance their knowledge beyond the classroom. It encourages students from all departments to participate in activities that promote reading, knowledge sharing, and intellectual discussions.

Membership: Students interested in reading, current affairs, and lifelong learning are encouraged to become members of the Central Library Readers Park.

Meetings: The Central Library Readers Park conducts regular meetings to plan technical and non-technical activities, strengthen student participation, promote reading habits, and select student office bearers.

Activities: The Central Library Readers Park organizes weekly technical and non-technical activities, including student presentations, book reviews, quiz competitions, reading challenges, interactive discussions, and sessions on literature, science, technology, history, and social issues.

Central Library Readers Park Activities (2025-26): During the academic year 2025-26, the Central Library Readers Park successfully organized 24 extension activities. These activities encouraged active student participation and helped improve reading habits, communication skills, leadership qualities, and overall academic engagement, further strengthening the Central Library

as a vibrant learning hub. A summary of the activities conducted during the academic year is presented below.

9.1 The Role of Central Library Readers Park in Promoting Reading Habits:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on "**The Role of Central Library Readers Park in Promoting Reading Habits**" on **2 August 2025** at the Central Library. The event commenced with a welcome address by **Ms.J.Janani**, III-IT, followed by an introduction of the speakers by **Ms.S.Abinaya**, III-AI&DS.

The lecture was delivered by **Ms.R.Mani Bharathi**, IV-ECE, who spoke on the importance of reading in both academic and personal development. She explained how the Central Library Readers Park encourages students to develop reading habits beyond the prescribed curriculum and shared her own reading experiences to motivate fellow students. She also highlighted the various activities organized by the Readers Park during the academic year 2025-26 and emphasized their positive impact on promoting a vibrant reading culture.

As part of the event, a **Book Locker Session** was conducted by **Ms.R.Sathana Keerthi**, IV-ECE, who presented a review of the book **Can't Hurt Me: Master Your Mind and Defy the Odds** by **David Goggins**. She shared valuable insights into the author's journey of resilience, mental toughness, and self-discipline, inspiring participants to overcome challenges through determination and perseverance.

A non-technical competition titled "**Connections : Author – Title – Publisher**" was coordinated by **Mr.S.Sivasankar**, **Mr.R.K.Gowsikan**, and **Mr.C.Ram Praveen**, all III-AI&DS students. The competition challenged participants to match book titles with their respective authors and publishers, enhancing their literary knowledge through an enjoyable and interactive activity.

The event concluded with an interactive discussion, followed by a vote of thanks delivered by **Mr.K.Jai Kaarthik**, III-Mechanical Engineering. The event was hosted by **Mr.G.Esakki Athi Vishnu**, III-IT, and was attended by nearly **30 participants**. It was successfully coordinated by the NEC Central Library Readers Park team and concluded at 4.50 p.m.



9.2 Library as a Learning and Creativity Hub:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on "**Library as a Learning and Creativity Hub**" on **9 August 2025** at the Central Library.

The event commenced with a welcome address by **Mr.V.Sanjay**, III-Mechanical Engineering, followed by an introduction of the speakers by **Mr.S.Selvakumar**, III-Mechanical Engineering.

The lecture was delivered by **Mr.P.Manoj**, III-AI&DS, who shared valuable insights into the role of libraries in promoting both learning and creativity. He explained how modern libraries have evolved beyond being repositories of books to become dynamic spaces for collaboration, innovation, and skill development. He also emphasized the importance of integrating technology, creative thinking, and community engagement into library activities to support students' academic and personal growth.

As part of the event, a **Book Locker Session** was conducted by **Ms.A.Siva Shri**, IV-ECE, who presented a review of the book **The Alchemist: A Fable About Following Your Dream** by **Paulo Coelho**. She narrated the inspiring journey of Santiago, highlighting valuable lessons on perseverance, self-discovery, and pursuing one's dreams. Her engaging presentation encouraged participants to remain focused on their goals and explore more inspiring literary works.

A non-technical competition titled "**Readers' Quest: Book Connection Round**" was organized by **Ms.R.Sathana Keerthi**, **Ms.R.Mani Bharathi**, and **Ms.S.Krishna Priya**, all IV-ECE students. Participants were challenged to identify book titles using creative visual clues, images and symbolic representations. The activity promoted literary awareness, logical thinking, and creativity while providing an enjoyable and interactive learning experience.

The event concluded with an interactive discussion, followed by a vote of thanks delivered by **Ms.J.Janani**, III-IT. The event was hosted by **Mr.T.Vikram**, III-Mechanical Engineering, and was attended by nearly **33 participants**.

It was successfully coordinated by the NEC Central Library Readers Park team and concluded at 4.45 p.m.



9.3 The Future of Libraries in the Age of AI:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on "**The Future of Libraries in the Age of AI**" on **30 August 2025** at the Central Library. The programme commenced with a welcome address by **Ms.S.Abinaya**, III-AI&DS, followed by an introduction of the speakers by **Mr.G.Esakki Athi Vishnu**, III-IT.

The lecture was delivered by **Mr.S.Soorya**, III-AI&DS, who shared valuable insights into the changing role of libraries in the era of Artificial Intelligence. He explained how AI is transforming library services through intelligent search, personalized recommendations, automation of routine operations, and improved user experiences. The session also emphasized the importance of integrating AI technologies with traditional library resources to support academic learning and research.

As part of the programme, a **Book Locker Session** was conducted by **Mr.S.P.M.Kani**, III-AI&DS, who presented a review of the book "**You Are a Badass**" by **Jen Sincero**. He highlighted the book's key messages on self-confidence, positive thinking, and personal development, inspiring students to build a growth mindset and pursue their goals with determination.

A non-technical competition titled "**Quick Connect: Tech Logo**" was organized by **Ms.A.Sowmiya** and **Ms.J.Gokila**, IV-EEE. The competition challenged participants to identify popular technology logos and match them with their respective companies and products. The activity generated enthusiastic participation and enhanced students' observation skills and technology awareness.

The programme concluded with an interactive discussion and a vote of thanks delivered by **Mr.N.Ashwin Krishan**, III-AI&DS. The event was hosted by **Mr.V.Sanjay**, III-Mechanical Engineering, and was attended by nearly **28 participants**. The programme was successfully coordinated by the NEC Central Library Readers Park team and concluded at 4.30 p.m.



9.4 Awareness Programme on IEEE Xplore Onsite Training:

The NEC Central Library Readers Park, in association with the NDLI Club, EBSCO Information Services, and the IEEE Xplore Digital Library, organized an **Awareness Programme on IEEE Xplore Onsite Training** on **3 September 2025** at the Assembly Hall.

Mr.T.S. Nanda Lal, Senior Training Manager – South India, EBSCO Information Services & IEEE Xplore Digital Library, New Delhi, served as the Chief Guest. In his insightful address, he highlighted the significance of IEEE Xplore as a valuable academic and research resource and provided practical demonstrations of its key features and applications.

The event was conducted exclusively for **second-year students** of all departments and first-year postgraduate students with the objective of providing hands-on training on the effective use of the IEEE Xplore Digital Library for academic learning and research.

The training covered advanced search techniques for retrieving research articles from over six million records, identifying emerging research domains and technology trends, accessing supplementary materials such as media files, datasets, and algorithmic codes, exporting mathematical equations and high-resolution figures, creating alerts for newly published journals and articles, exploring publishing tools through the IEEE Author Center, tracking upcoming IEEE conferences, and applying effective search strategies for academic research, campus interviews, and placements. The sessions concluded with an online quiz to reinforce the participants' learning.

Dr.K.Karunai Raghavan, Librarian, introduced the extensive print and digital resources available in the NEC Central Library, including IEEE Xplore, NDLI, SWAYAM-NPTEL, and FOSS Courses. He emphasized the library's role as a dynamic knowledge hub and encouraged students to make effective use of its collections, Readers Park activities, and digital learning facilities as their "second classroom."

To accommodate all participants, the training was conducted in **three sessions**, covering students from various departments. A total of **567 participants**, including second-year students, first-year postgraduate students, and faculty members, attended the event.

The event concluded with a vote of thanks delivered by **Ms.J.Janani**, III-IT. The event was compered by **Ms.R.Mani Bharathi**, IV-ECE, and **Mr.G.Esakki Athi Vishnu**, III-IT. The programme was successfully organized by **Dr.K.Karunai Raghavan**, Librarian, along with the active members of the NEC Central Library Readers Park.





9.5 5G Technology: Redefining Access to Knowledge and Resources :

The NEC Central Library Readers Park, in association with the NDLI Club, organized a lecture on **"5G Technology: Redefining Access to Knowledge and Resources"** on **20 September 2025** at the Central Library. The event aimed to create awareness about the emerging potential of 5G technology while promoting reading habits and creativity through a series of engaging activities. The event commenced with a welcome address by **Ms.S.Aathi Lakshmi**, III-ECE, followed by an introduction of the speakers by **Ms.S.Abinaya**, III-AI&DS.

The technical lecture was delivered by **Mr.P.Sachin Selvam**, III-CSE, who explained the fundamentals of 5G technology, its advantages over previous generations, and its applications in healthcare, education, communication, and other emerging fields. He highlighted how 5G enables seamless connectivity, high-speed internet access, and innovative digital services that redefine access to knowledge and information. His informative presentation, supported by practical examples, was well appreciated by the participants.

As part of the event, a **Book Locker Session** was conducted by **Ms.R.Mani Bharathi**, IV-ECE, who presented a review of the motivational book **Attitude Is Everything** by **Jeff Keller**. She discussed the importance of positive thinking, perseverance, and self-belief, encouraging students to develop a confident attitude towards academics and life.

A non-technical competition titled **"NeXus Tech Logo"** was organized by **Mr.S.Soorya** and **Mr.S.Alaguraja**, both III-AI&DS students. Participants were challenged to design creative logos representing technological innovation and connectivity. The competition encouraged creativity and imagination while providing an enjoyable learning experience.

The event concluded with an interactive discussion on the impact of 5G technology and digital resources on future learning environments, followed by a vote of thanks delivered by **Ms.S.Krishna Priya**, IV-ECE. The event was hosted by **Ms.R.Manisha Sankari**, IV-ECE, and was attended by nearly **26 participants**. It was successfully coordinated by the NEC Central Library Readers Park team & concluded at 4.30 p.m.



9.6 The Role of Discipline in Academic Success :

The NEC Central Library Readers Park, in association with the NDLI Club, organized an inspiring lecture on "**The Role of Discipline in Academic Success**" on **4 October 2025** at the Central Library. The event aimed to help students understand the importance of discipline in achieving academic success and encourage them to develop positive habits for lifelong learning. The event commenced with a welcome address by **Ms.S.Aathi Lakshmi**, III-ECE, followed by an introduction of the speakers by **Mr.P.Sachin Selvam**, III-CSE.

The lecture was delivered by **Mr.G.Esakki Athi Vishnu**, III-IT, who shared valuable insights on the importance of discipline in academic and personal development. He explained how discipline enables students to stay focused, manage time effectively, build confidence, improve concentration, and achieve both short-term and long-term goals. He also offered practical suggestions on cultivating discipline through planning, setting priorities, and self-motivation.

As part of the event, a **Book Locker Session** was conducted by **Mr.G.Lowgu**, III-ECE, who presented a review of the novel **Train to Pakistan by Khushwant Singh**. He highlighted the novel's portrayal of human emotions, communal harmony, and the impact of the Partition, inspiring participants to appreciate literature as a means of understanding history and society.

A non-technical competition titled "**InnoConnect**" was organized by **Mr.S.Muthu Manikandan and Mr.E.Hariharan**, both II-Civil Engineering students. The competition encouraged participants to present innovative ideas and practical solutions to everyday challenges, promoting creativity, critical thinking, and problem-solving skills.

The event concluded with an interactive discussion, followed by a vote of thanks delivered by **Ms.R.Sathana Keerthi**, IV-ECE. The event was hosted by **Ms.S.Krishna Priya**, IV-ECE, and was attended by 19 participants. It was successfully coordinated by the NEC Central Library Readers Park team and concluded at 4.00 p.m.



9.7 The Power of Quotes: Wisdom from Great Books:

The NEC Central Library Readers Park, in association with the NDLI Club, organized an inspiring lecture on **"The Power of Quotes: Wisdom from Great Books"** on **11 October 2025** at the Central Library. The event aimed to encourage students to explore the wisdom found in great books, understand the deeper meanings of famous quotations, and apply these valuable lessons to their academic and personal lives. The event commenced with a welcome address by **Ms.R.Mani Bharathi**, IV-ECE, followed by an introduction of the speakers by **Ms.R.Sathana Keerthi**, IV-ECE.

The lecture was delivered by **Mr.R.Gunadeep**, II-EEE, who highlighted how inspiring quotations from renowned authors and thinkers convey profound life lessons in simple words. He explained the relevance of both classical and modern literary works in promoting self-improvement, critical thinking, and moral values. He also encouraged students to develop the habit of reading regularly and maintaining a personal collection of inspiring quotes for lifelong motivation.

As part of the event, a **Book Locker Session** was conducted by **Mr.B.Vishwa**, II-Civil Engineering, who presented a review of the renowned Tamil novel **Gopallapurathu Makkal** by **Ki.Rajanarayanan (Ki. Ra.)**. He highlighted the novel's rich portrayal of rural life, culture, and human emotions, inspiring participants to appreciate the richness of Tamil literature.

A non-technical event titled **"Inspirational Tamil Movie Dialogues on Knowledge, Reading & Learning"** was organized by **Ms.S.Aathi Lakshmi** and **Mr.G.Lowgu**, both III-ECE students. The activity encouraged participants to identify and interpret memorable Tamil movie dialogues that promote knowledge, reading, and lifelong learning. The event was lively, interactive, and received enthusiastic participation from the students.

The event concluded with an interactive discussion, followed by a vote of thanks delivered by **Mr.V.Sanjay**, III-Mechanical Engineering. The event was hosted by **Mr.G.Esakki Athi Vishnu**, III-IT, and was attended by **39 participants**. It was successfully coordinated by the NEC Central Library Readers Park team and concluded with positive feedback from the participants.





9.8 Turning Failures into Stepping Stones:

The NEC Central Library Readers Park, in association with the NDLI Club, organized an inspiring lecture on **"Turning Failures into Stepping Stones"** on **18 October 2025** at the Central Library. The event aimed to encourage students to view failures as opportunities for learning, growth, and self-improvement while promoting resilience, positive thinking, and confidence.

The event commenced with a welcome address by **Ms.S.Aathi Lakshmi**, III-ECE, followed by an introduction of the speakers by **Mr.P.Sachin Selvam**, III-CSE.

The lecture was delivered by **Mr.V.Sanjay**, III-Mechanical Engineering, who shared inspiring examples of how successful individuals transformed failures into stepping stones toward achievement. Through real-life stories, he emphasized the importance of perseverance, self-belief, and a positive mindset in overcoming challenges and achieving success.

As part of the event, a **Book Locker Session** was conducted by **Mr.R.Gunadeep**, II-EEE, who presented a review of the book **Genghis Khan: Life, Death, and Resurrection** by **John Man**. He explained how the book portrays Genghis Khan's journey from failure to leadership and success, inspiring participants to develop determination and a never-give-up attitude.

A non-technical activity titled **"Book Jigsaw Puzzle"** was organized by **Ms.J.Harni**, **Ms.P.Sujitha**, and **Ms.R.S.Sukantha**, all III-IT students. The activity challenged participants to solve book-themed puzzles, encouraging teamwork, memory, critical thinking, and literary awareness through an engaging and enjoyable learning experience.

The event concluded with an interactive discussion, followed by a vote of thanks delivered by **Mr.G.Esakki Athi Vishnu**, III-IT. The event was hosted by **Ms.J.Janani**, III-IT, and was attended by **25 participants**. It was successfully coordinated by the NEC Central Library Readers Park team and concluded at 4.00 p.m.

9.9 Discovering Your Passion through Books:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on "**Discovering Your Passion through Books**" on **27 December 2025** at the Central Library. The event aimed to cultivate reading habits, encourage intellectual discussions, and enhance students' analytical and creative thinking through a series of interactive activities.

The event commenced with a welcome address by **Mr.G.Esakki Athi Vishnu**, III-IT, followed by an introduction of the speaker by **Ms.R.Mani Bharathi**, IV-ECE.

The lecture was delivered by **Ms.J.Janani**, III-IT, who highlighted the important role of books in self-discovery, career development, and personal growth. She encouraged students to explore a wide range of books and use reading as a powerful tool to identify their interests, develop new perspectives, and achieve their aspirations.

As part of the event, a **Book Locker Session** was conducted by **Ms.G.Sivani Bharath**, III-AI&DS, who presented a review of the book **Knife by Salman Rushdie**. She discussed the book's themes, narrative style, and the author's perspective, encouraging participants to develop critical reading and analytical thinking skills.

A non-technical competition titled "**Association Quest: The Connections between Ideas, People or Things**" was organized by **Ms.S.Abinaya**, III-AI&DS. The competition challenged participants to establish meaningful connections between different ideas, people, and objects, promoting creativity, logical reasoning, and quick thinking through an engaging and interactive activity.

The event concluded with a vote of thanks delivered by **Mr.S.Sathyagee**, II-Civil Engineering. Nearly **20 participants** from various departments attended the event, which was successfully coordinated by the NEC Central Library Readers Park team. The event created a vibrant learning atmosphere and effectively promoted reading, knowledge sharing, and intellectual engagement among students.



9.10 Reading for Pleasure vs Reading for Knowledge:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on "**Reading for Pleasure vs Reading for Knowledge**" on **3 January 2026** at the Central Library.

The event aimed to cultivate healthy reading habits, encourage intellectual discussions, and enhance students' analytical, critical, and associative thinking through a series of interactive activities.

The event commenced with a welcome address by **Ms.S.Aathi Lakshmi**, III-ECE, followed by an introduction of the speaker by **Mr.S.Muthu Manikandan**, II-Civil Engineering.

The lecture was delivered by **Ms.S.Abinaya**, III-AI&DS, who explained the differences between reading for pleasure and reading for knowledge. She highlighted how reading for pleasure enhances imagination, emotional well-being, and creativity, while reading for knowledge strengthens subject understanding, critical thinking, and academic performance. She encouraged students to maintain a healthy balance between both forms of reading to support lifelong learning and personal development.

As part of the event, a **Book Locker Session** was conducted by **Mr.P.Sachin Selvam**, III-CSE, who presented a review of the book **Brave New World** by **Aldous Huxley**. He discussed the novel's major themes, including technological advancement, loss of individuality, and ethical concerns, encouraging participants to think critically about its relevance to contemporary society.

A non-technical competition titled "**Association Quest: Exploring Interconnections**" was organized by **Mr.S.Sathyagee**, **Mr.I.Sethvictor**, and **Mr.S.Pradeep**, all II-Civil Engineering students. The competition challenged participants to establish logical and creative connections between ideas, people, books, and concepts, promoting analytical reasoning, problem-solving, and associative thinking through an engaging and interactive activity.

The event concluded with a vote of thanks delivered by **Ms.P.J.Baviksha Paul**, II-EEE. The event was hosted by **Ms.R.Mani Bharathi**, IV-ECE, and was attended by nearly **20 participants**.

It was successfully coordinated by the NEC Central Library Readers Park team and provided an enriching learning experience that promoted reading, critical thinking, and knowledge sharing among students.



9.11 Understanding the Student Mindset: Psychology of Learning :

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on "**Understanding the Student Mindset: Psychology of Learning**" on **10 January 2026** at the Central Library. The event aimed to help students understand the psychology of learning, improve their study habits, encourage reading culture, and promote critical and creative thinking. The event commenced with a welcome address by **Ms.S.Abinaya**, III-AI&DS, followed by an introduction of the speakers by **Ms.R.Mani Bharathi**, IV-ECE.

The lecture was delivered by **Ms.R.Sathana Keerthi** and **Ms.S.Krishna Priya**, both IV-ECE students. They explained the importance of understanding the student mindset and the role of psychology in effective learning. The speakers discussed different learning styles, motivation, concentration techniques, memory improvement strategies, and methods for enhancing academic performance. The interactive session enabled students to gain a better understanding of their own learning behaviour.

As part of the event, a **Book Locker Session** was conducted by **Mr.R.Gunadeep**, II-EEE, who presented a review of the book **Genghis Khan and the Making of the Modern World** by **Jack Weatherford**. He highlighted the leadership qualities, strategic thinking, and historical impact of Genghis Khan, encouraging participants to explore history and leadership through reading.

A non-technical competition titled "**Academic Odyssey: Learn – Think – Innovate**" was organized by **Mr.G.Lowgu**, III-ECE, and **Mr.R.Sanjay Kumar**, II-EEE. The competition encouraged participants to apply their knowledge, think creatively, and propose innovative solutions to academic and real-world challenges, while enhancing their analytical and communication skills.

The event concluded with a vote of thanks delivered by **Mr.P.Sachin Selvam**, III-CSE. The event was hosted by **Ms.P.J.Baviksha Paul**, II-EEE, and was attended by nearly **36 participants**. It was successfully coordinated by the NEC Central Library Readers Park team and provided a meaningful learning experience that promoted reading, creativity, and academic excellence.



9.12 FOSS Training and Workshop on Advanced C++:

The NEC Central Library, in collaboration with the NDLI Club and the Quality Improvement Cell (QIC), organized a FOSS Training and Workshop on "Advanced C++" through Spoken Tutorial, IIT Bombay, on 19 January 2026 at the Central Library. The event aimed to enhance students' programming skills and provide hands-on exposure to advanced C++ concepts using open-source learning resources. The event commenced with a welcome address by Ms.S.Pragathija, II-IT, followed by an introduction of the resource person by Ms.K.Manasha, II-IT.

The technical session was delivered by Dr.S.Chidambaram, Associate Professor, Dept. of IT, who provided comprehensive training on advanced C++ programming concepts and their practical applications. The workshop covered topics including file handling, abstract data structures, classes and objects, inheritance, function and operator overloading, dynamic polymorphism, templates, exception handling, the Standard Template Library (STL), advanced input/output techniques, program documentation, and bit manipulation. The interactive hands-on session enabled students to strengthen their programming knowledge and practical coding skills.

Nearly 70 students actively participated in the workshop and gained valuable insights into advanced C++ programming using open-source learning resources. The event concluded with a vote of thanks delivered by Mr.B.Ganesh, III-IT. The workshop was successfully coordinated by Dr.K.Karunai Raghavan, Librarian, who made all the necessary arrangements for the smooth conduct of the event. The session concluded at 5.30 p.m.



9.13 FOSS Training and Workshop on JAVA:

The NEC Central Library, in collaboration with the Quality Improvement Cell (QIC) and the NDLI Club, organized a FOSS Training and Workshop on "JAVA" through Spoken Tutorial, IIT Bombay, on 20 January 2026 at the Central Library. The event aimed to enhance students' programming skills and provide hands-on exposure to Java programming using open-source learning resources. The event commenced with a welcome address by Ms.P.Soundarya, II-CSE, followed by an introduction of the resource person by Ms.T.Harini Kasi, II-CSE.

The technical session was delivered by **Mr.K.Rajkumar**, AP(SG)/CSE, who provided an informative and interactive introduction to Java programming. He explained Java as a class-based, object-oriented, and high-level programming language, highlighting its compilation process, execution through the Java Virtual Machine (JVM), and platform-independent architecture. He also emphasized Java's "Write Once, Run Anywhere" capability and discussed its importance in developing portable and efficient software applications.

Nearly **73 students** actively participated in the workshop and gained valuable knowledge of Java programming and its practical applications. The event concluded with a vote of thanks delivered by **Ms.AXD Nevesa**, II-CSE. The workshop was successfully coordinated by **Dr.K.Karunai Raghavan**, Librarian, who made all the necessary arrangements for the smooth conduct of the event. The session concluded at 5.30 p.m.



9.14 FOSS Training and Workshop on 'C++':

The NEC Central Library, in collaboration with the NDLI Club and the Quality Improvement Cell (QIC), organized a FOSS Training and Workshop on "C++" through Spoken Tutorial, IIT Bombay, on **21 January 2026** at the Central Library.

The event aimed to provide students with a strong foundation in C++ programming using Free and Open Source Software (FOSS) tools and to enhance their programming skills through structured learning. The event commenced with a welcome address by **Ms.B.Sujitha**, II-ECE, followed by an introduction of the resource person by **Ms.A.Samira**, II-ECE.

The technical session was delivered by **Mr.S.Cammillus**, AP (SG)/ECE, who explained the importance of C++ as a powerful, cross-platform programming language widely used for developing high-performance applications. He highlighted its ability to provide efficient memory management and greater control over system resources. The session covered fundamental C++ concepts, including the structure of a C++ program, tokens and functions, variable scope, conditional statements, switch statements, increment and decrement operators, and arithmetic, relational, and logical operators. The hands-on training enabled students to strengthen their programming fundamentals through practical learning.

Nearly **53 students** actively participated in the workshop and benefited from the practical sessions. The event concluded with a vote of thanks delivered by **Mr.A.Siva Subramanian**, II-ECE. The workshop was successfully coordinated by **Dr.K.Karunai Raghavan**, Librarian, who made all the necessary arrangements for the smooth conduct of the event. The session concluded at 5.30 p.m.



9.15 FOSS Training and Workshop on LINUX:

The NEC Central Library, in collaboration with the NDLI Club and the Quality Improvement Cell (QIC), organized a FOSS Training and Workshop on "**Linux**" through Spoken Tutorial, IIT Bombay, on **22 January 2026** at the Central Library.

The event aimed to create awareness among students about the fundamentals of the Linux operating system, its open-source philosophy, and its practical applications in modern computing environments. The event commenced with a welcome address by **Ms.K.Sri Nidhi**, II-ECE, followed by an introduction of the resource person by **Ms.K.Sri Mathi**, II-ECE.

The technical session was delivered by **Dr.I.Vivek Anand**, Associate Professor/ECE, who introduced Linux as one of the world's most widely used operating systems. He explained that Linux is a family of Unix-like operating systems built on the Linux kernel and highlighted its ability to run efficiently on a wide range of platforms, including mobile devices, tablets, servers, mainframes, and supercomputers. He also discussed the open-source nature of Linux under the GNU General Public License (GPL), emphasizing its flexibility for developing, modifying, and distributing software. The session further covered the Linux terminal environment, essential command-line operations, and the advantages of text-based tools in system administration and software development.

Nearly **77 students** actively participated in the workshop and gained valuable knowledge of Linux and open-source computing environments. The event concluded with a vote of thanks delivered by **Ms.M.Renu Sri**, II-ECE. The workshop was successfully coordinated by **Dr.K.Karunai Raghavan**, Librarian, who made all the necessary arrangements for the smooth conduct of the event. The session concluded at 5.30 p.m.



9.16 FOSS Training and Workshop on BLENDER:

The NEC Central Library, in collaboration with the NDLI Club and the Quality Improvement Cell (QIC), organized a FOSS Training and Workshop on "**Blender**" through Spoken Tutorial, IIT Bombay, on **23 January 2026** at the Central Library.

The event aimed to familiarize students with Blender, an open-source 3D graphics software, and enhance their skills in 3D modeling, animation, and visual content creation using Free and Open Source Software (FOSS) tools.

The event commenced with a welcome address by **Ms.B.Aarthi**, II-Civil Engineering, followed by an introduction of the resource person by **Mr.S.Satheeshraj**, II-Civil Engineering.

The technical session was delivered by **Ms.M.Balamaheswari**, AP (SG), Department of Civil Engineering, who introduced Blender as powerful open-source software distributed under the GNU General Public License (GPL) and compatible with multiple operating systems. She demonstrated its wide range of features, including 3D modeling, UV unwrapping, texturing, rigging, animation, rendering, video editing, compositing, and interactive 3D application development. The session also covered simulation tools such as water, smoke, cloth, soft body dynamics, particle systems, rigid body dynamics, node-based material and compositing systems, and Python scripting. The hands-on training enabled participants to understand how Blender can be used to create professional-quality animations, visual effects, video games, and other creative digital content.

Nearly **53 students** actively participated in the workshop and gained valuable practical knowledge of Blender and its applications. The event concluded with a vote of thanks delivered by **Ms.P.Karthika**, II-Civil Engineering. The workshop was successfully coordinated by **Dr.K.Karunai Raghavan**, Librarian, who made all the necessary arrangements for the smooth conduct of the event. The session concluded at 5.30 p.m.



9.17 FOSS Training and Workshop on Arduino:

The NEC Central Library, in collaboration with the NDLI Club and the Quality Improvement Cell (QIC), organized a FOSS Training and Workshop on "**Arduino**" through Spoken Tutorial, IIT Bombay, on **27 January 2026** at the Central Library. The event aimed to introduce students to the fundamentals of Arduino hardware and programming and to enhance their practical skills in developing embedded systems using Free and Open Source Software (FOSS) tools. The event

commenced with a welcome address by **Ms.R.Sahana**, III-ECE, followed by an introduction of the resource person by **Ms.A.Samira**, II-ECE.

The technical session was delivered by **Dr.K.Subramanian**, AP (SG)/ECE, who provided a comprehensive introduction to Arduino and its applications in embedded systems and electronics. He explained the architecture of Arduino boards, including the microcontroller, digital and analog input/output pins, USB interface, power supply, and reset mechanism. The session also covered Arduino programming using the Integrated Development Environment (IDE), focusing on the structure of an Arduino sketch through the `setup()` and `loop()` functions. In addition, he demonstrated how Arduino can be interfaced with LEDs, sensors, motors, speakers, cameras, and other electronic components, highlighting its versatility in developing innovative electronic projects.

Nearly **68 students** actively participated in the workshop and gained valuable knowledge of Arduino hardware, programming, and embedded system development. The event concluded with a vote of thanks delivered by **Ms.K.Kavya**, III-ECE. The workshop was successfully coordinated by **Dr.K.Karunai Raghavan**, Librarian, who made all the necessary arrangements for the smooth conduct of the event. The session concluded at 5.30 p.m.



9.18 FOSS Training and Workshop on PHP & MySQL:

The NEC Central Library, in collaboration with the NDLI Club and the Quality Improvement Cell (QIC), organized a FOSS Training and Workshop on "**PHP & MySQL**" through Spoken Tutorial, IIT Bombay, on **28 January 2026** at the Central Library.

The event aimed to introduce students to open-source web development technologies and provide them with fundamental knowledge of server-side scripting and database management systems.

The event commenced with a welcome address by **Ms.A.Abinaya**, II-IT, followed by an introduction of the resource person by **Ms.S.Krithika**, II-IT.

The technical session was delivered by **Ms.N.Gowthami**, AP (SG)/Dept. of IT, who provided an informative introduction to PHP and MySQL. She explained PHP as a widely used open-source server-side scripting language for developing dynamic and interactive web applications, highlighting its simple syntax and seamless integration with HTML. She also introduced MySQL as a popular relational database management system used for efficiently storing, retrieving, and managing structured data. In addition, she discussed the role of the Apache Web Server in hosting

web applications and handling client requests, enabling students to understand the complete architecture of web application development using open-source technologies.

Nearly 60 students actively participated in the workshop and gained valuable knowledge of PHP, MySQL, and web server technologies.

The event concluded with a vote of thanks delivered by Mr.S.Vasanthakumar, II-IT. The workshop was successfully coordinated by Dr.K.Karunai Raghavan, Librarian, who made all the necessary arrangements for the smooth conduct of the event. The session concluded at 5.30 p.m.



9.19 FOSS Training and Workshop on Python 3.4.3:

The NEC Central Library, in collaboration with the NDLI Club and the Quality Improvement Cell (QIC), organized a FOSS Training and Workshop on "Python 3.4.3" through Spoken Tutorial, IIT Bombay, on 29 January 2026 at the Central Library.

The event aimed to introduce students to Python programming using Free and Open Source Software (FOSS) tools and enhance their basic programming knowledge for academic and application-oriented learning.

The event commenced with a welcome address by Ms.L.Mokshitha Shree, II-CSE, followed by an introduction of the resource person by Ms.L.Karthika, II-CSE.

The technical session was delivered by Dr.S.Dheenathayalan, Associate Professor/CSE, who provided a comprehensive introduction to Python 3.4.3. He explained Python as a versatile, interpreted, interactive, and high-level programming language that supports dynamic typing and automatic memory management. He also introduced the origin and evolution of Python, highlighting its development by Guido van Rossum and its growing popularity in modern software development. The session covered Python's support for procedural, object-oriented, and functional programming paradigms, while emphasizing its simple syntax, code readability, and significance in server-side web development, automation, and application development.

Nearly 83 students actively participated in the workshop and gained valuable knowledge of Python programming and its practical applications.

The event concluded with a vote of thanks delivered by Mr.M.Syed Sufyan, II-CSE. The workshop was successfully coordinated by Dr.K.Karunai Raghavan, Librarian, who made all the necessary arrangements for the smooth conduct of the event. The session concluded at 5.30 p.m.



9.20 FOSS Training and Workshop on QCAD:

The NEC Central Library, in collaboration with the NDLI Club and the Quality Improvement Cell (QIC), organized a FOSS Training and Workshop on "QCAD" through Spoken Tutorial, IIT Bombay, on **30 January 2026** at the Central Library. The event aimed to create awareness and provide hands-on exposure to QCAD, an open-source and user-friendly 2D computer-aided drafting software, while encouraging students to adopt Free and Open Source Software (FOSS) tools for technical drafting and design applications. The event commenced with a welcome address by **Ms.S.A.Shibiga**, II-Mechanical Engineering, followed by an introduction of the resource person by **Mr.M.Sivabalan**, II-Mechanical Engineering.

The technical session was delivered by **Dr.F.Micheal Thomas Rex**, Associate Professor, Department of Mechanical Engineering, who introduced QCAD as versatile software for creating accurate technical drawings, including architectural plans, mechanical components, and engineering diagrams. He explained its compatibility with Windows, macOS, and Linux/Unix operating systems and highlighted that the Community Edition is distributed under the GNU General Public License (GPL). The session included demonstrations of the QCAD interface and essential drafting and editing tools such as stretching, mirroring, scaling, and rotating. Through practical examples, participants gained an understanding of how QCAD can be effectively applied to engineering drafting and design projects.

A total of **51 students** actively participated in the workshop and gained valuable practical knowledge of QCAD and open-source CAD tools. The event concluded with a vote of thanks delivered by **Mr.R.Sanjay**, II-Mechanical Engineering. The workshop was successfully coordinated by **Dr.K.Karunai Raghavan**, Librarian, who made all the necessary arrangements for the smooth conduct of the event. The session concluded at 5.30 p.m.



9.21 The Role of Reading in Personality Development:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on "The Role of Reading in Personality Development" on 14 February 2026 at the Central Library.

The event aimed to create awareness about the importance of reading in shaping personality, improving communication skills, enhancing knowledge, and developing critical thinking among students.

The event commenced with a welcome address by Mr.T.Vikram, III-Mechanical Engineering, followed by an introduction of the speakers by Mr.V.Sanjay, III-Mechanical Engineering.

The lecture was delivered by Mr.B.Vishwa, II-Civil Engineering, who explained how regular reading enriches vocabulary, strengthens analytical thinking, improves concentration, and builds confidence. He emphasized that reading not only enhances academic performance but also develops emotional intelligence, leadership qualities, creativity, and moral values. The session inspired students to cultivate reading as a lifelong habit for personal and professional growth.

As part of the event, a Book Locker Session was conducted by Ms.S.Aathi Lakshmi, III-ECE, who presented a review of the book The Power of Now: A Guide to Spiritual Enlightenment by Eckhart Tolle. She explained the importance of living in the present moment and highlighted how mindfulness can reduce stress, improve clarity of thought, and promote inner peace. Her presentation encouraged students to develop self-awareness and a positive approach to life.

A non-technical competition titled "Academic Odyssey: Words of Wisdom" was organized by Mr.S.Soorya, III-AI&DS. The competition encouraged participants to present inspiring quotations, proverbs, and reflections related to education, reading, and personal growth. Students enthusiastically shared the significance of their selected quotations, enhancing their public speaking, confidence, and critical interpretation skills.

The event concluded with a vote of thanks delivered by Mr.S.Selvakumar, III-Mechanical Engineering. The event was hosted by Ms.J.Janani, III-IT, and was attended by nearly 25 participants from various departments.

It was successfully coordinated by the NEC Central Library Readers Park team and provided a meaningful learning experience that promoted reading, communication skills, knowledge sharing, and lifelong learning.





9.22 Intra-College Newspaper Review Quiz 2026:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized the **Intra-College Newspaper Review Quiz 2026** on **21 February 2026** at the Central Library. The event aimed to encourage students to develop the habit of reading newspapers regularly, improve their awareness of current affairs, and strengthen their analytical thinking and general knowledge.

The quiz was conducted by **Mr.V.Sanjay**, III-Mechanical Engineering, and **Ms.S.Aathi Lakshmi**, III-ECE. A total of **54 students (27 teams)** participated in the preliminary round, from which the **top six teams** qualified for the final round.

The final round consisted of the following five segments:

- Round – 1: Current Headlines
- Round – 2: National & International News
- Round – 3: Science & Technology
- Round – 4: Books & Culture
- Round – 5: Editorial, Opinions & Sports

All questions were prepared from **The Hindu (Madurai Edition)** newspaper published between **15 and 20 February 2026**, providing participants with a challenging and informative competition.

The competition was judged by **Mr.B.Gowtham**, AP/Civil Engineering, **Dr.K.Karunai Raghavan**, Librarian, and **Ms.J.Janani**, III-IT. The jury appreciated the enthusiastic participation of all contestants and announced the Prize winners.

First Prize	-	Mr.M.Hariharasudhan, II-CSE (24104120)
		Mr.R.Vignesh Dharshan, II-CSE (24104056)
Second Prize	-	Mr.S.Ramkumar, III-AI&DS (2317028)
		Mr.S.Alaguraja, III-AI&DS (2317035)
Third Prize	-	Ms.P.Janani, I-CSE (25104054)
		Ms.M.Karthika, I-CSE (25104071)
Final Round Participants -		Mr.S.Lakshmi Narasimman, III-ECE (2311100)
		Mr.V.T.Sutharsan Krishna, III-ECE (2311101)
		Mr.M.Ashok Rathna Kumar, II-ECE (24106050)

Ms.A.Valli Nayaki, I-CSE (25104081)

The four photographs illustrate the implementation of the 'Karnataka Sahitya Akademi' project in Nallatinputhur, Tamil Nadu, India. The images show students in a classroom setting, engaged in various activities related to the project, including presentations and group work.

- Top Left:** A student is presenting to a class. The screen behind them displays the text: "KARNATAKA SAHITYA AKADEMI" and "KARNATAKA SAHITYA AKADEMI".
- Top Right:** A student is presenting to a class. The screen behind them displays the text: "KARNATAKA SAHITYA AKADEMI" and "KARNATAKA SAHITYA AKADEMI".
- Bottom Left:** A student is presenting to a class. The screen behind them displays the text: "KARNATAKA SAHITYA AKADEMI" and "KARNATAKA SAHITYA AKADEMI".
- Bottom Right:** A student is presenting to a class. The screen behind them displays the text: "KARNATAKA SAHITYA AKADEMI" and "KARNATAKA SAHITYA AKADEMI".

All four images include a Google Maps overlay showing the location: Nallatinputhur, Tamil Nadu, India. The coordinates are 49x+9h7, K.r.nagar, Kovilpatti, Nallatinputhur, Tamil Nadu 628503, India. The date and time are Saturday, 21/02/2026 04:28 PM GMT +05:30.



The quiz was conducted by **Ms.J.Janani**, III-IT, and **Mr.S.Selvakumar**, III-Mechanical Engineering. A total of **50 students (25 teams)** participated in the preliminary round, from which the **top six teams** qualified for the final round.

The final round consisted of the following four segments:

Round – 1: Abbreviations (Entrance & Education)

Round – 2: Higher Education & Preparation Awareness

Round – 3: Entrance Examinations in India

Round – 4: Institute Focus – IIT Indore

All questions were prepared from **Engineering Success Review, January 2026, Vol. XVII, No. 12**, providing participants with a challenging and informative competition.

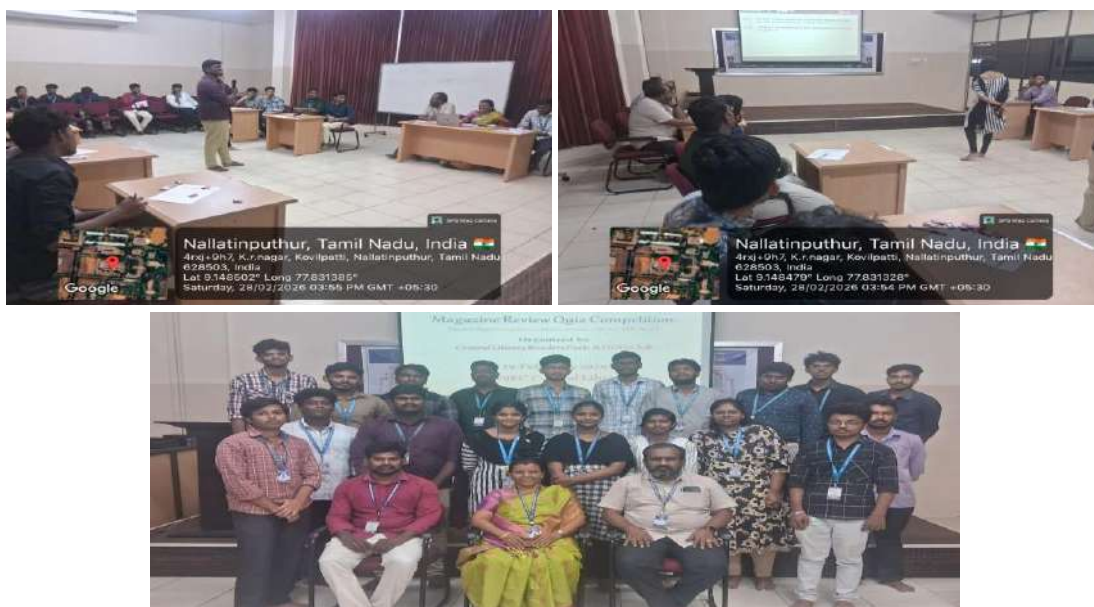
The competition was judged by **Dr.S.Tamil Selvi**, Professor & Head/ECE, **Dr.K.Karunai Raghavan**, Librarian, and **Mr.S.Ramkumar**, III-AI&DS. The jury appreciated the enthusiastic participation of all contestants and announced the prize winners.

Prize Winners:

First Prize	-	Mr.O.Mareeswaran, III-ECE (2311099)
		Mr.M.Ajay Kumar, III-ECE (2311403)
Second Prize	-	Mr.M.Murali Subbiah, II-CSE (24104004)
		Mr.P.Milton Joshwa, II-CSE (24104006)
Third Prize	-	Mr.R.Sanjay Kumar, II-EEE (24105053)
		Mr.T.M.Antony Prosper, II-EEE (24105018)
Final Round Participants -		Mr.H.Balagurunathan, II-CSE (24104008)
		Mr.V.Chinna Thambi, II-CSE (24104402)
		Ms.I.Jeffrina Susan, I-CSE (25104091)
		Ms.A.K.Lucksiha Sre, I-CSE (25104111)
		Mr.P.Sachin Selvam, III-CSE (2312037)
		Mr.N.Mohan Kumar, III-Mech. (2310029)

The event was successfully coordinated by **Dr.K.Karunai Raghavan**, Librarian, along with the active members of the NEC Central Library Readers Park. The quiz effectively promoted magazine reading, awareness of higher education and competitive examinations, teamwork, and analytical thinking among students, making it a valuable academic and learning experience.





9.24 Intra-College Book Review Quiz 2026:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized the **Intra-College Book Review Quiz 2026** on **07 March 2026** at the Central Library. The event aimed to encourage students to read books beyond their curriculum, enhance their knowledge of current affairs, literature, science, and sports, and strengthen their analytical thinking, memory, and general awareness.

The quiz was conducted by **Mr. P.Sachin Selvam**, III-CSE, and **Ms.J.Harni**, III-IT. A total of **54 students (27 teams)** participated in the preliminary round, from which the top six teams qualified for the final round.

The final round consisted of the following four segments:

Round – 1: National & International Current Affairs

Round – 2: Identify the Book and Author

Round – 3: Who's Who – Indian Scientists?

Round – 4: Sports Legends – Who Am I?

All questions were prepared from the book **General Studies & Engineering Aptitude** by **N.V.S.Raju et al.**, published by **GKP**, covering topics such as National and International Current Affairs, Engineering Aptitude, and Ethics and Values in the Engineering Profession.

The competition was judged by **Mr.S.Cammillus**, AP (SG)/ECE, **Dr.K.Karunai Raghavan**, Librarian, and **Mr.G.Esakki Athi Vishnu**, III-IT. The jury appreciated the enthusiastic participation of all contestants and announced the prize winners.

First Prize - Mr.V.Avinash Raj, III-ECE (2311009)
Mr.A.Ajay Suriya, I-CSE (25104027)

Second Prize	-	Mr.S.Prabod Arjun Kumar, IV-Mech. (2210019) Mr.S.A.Johanan, IV-Mech. (2210016)
Third Prize	-	Mr.M.Sudhan, III-IT (2315017) Mr.V.Hariprasath, III-CSE (2312405)
Final Round Participants	-	Mr.S.Ramkumar, III-AI&DS (2317028) Mr.S.Alaguraja, III-AI&DS (2317035) Mr.S.Manu Saila Vasan, I-Civil (25103008) Mr.M.Surya Kishor, II-Mec. (24114009) Mr.M.Hariharasudhan, II-CSE (24104120) Mr.R.Vignesh Dharshan, II-CSE (24104056)

The event was successfully coordinated by **Dr.K.Karunai Raghavan**, Librarian, along with the active members of the NEC Central Library Readers Park.

The quiz effectively promoted book reading, enhanced students' knowledge of current affairs, literature, science, and sports, and strengthened teamwork, analytical thinking, and competitive spirit, making it a valuable academic and learning experience.



10. Central Library Readers Park – Office Bearers 2025-26

Advisors	:	Dr.S.Shanmugavel, Director Dr.K.Kalidasa Murugavel, Principal
Convener & Coordinator	:	Dr.K.Karunai Raghavan, Librarian
Members – Staff	:	Mr.T.Rajan, Assistant Librarian Ms.P.Pandi Rani, Assistant Librarian Ms.M.Guru Priya, Assistant
President	:	Mr.V.Sanjay, (2310027), III-Mech.
Vice Presidents	:	Ms.R.Mani Bharathi, (2211032), IV-ECE Mr.G.Esakki Athi Vishnu, (2315005), III-IT Mr.P.Sachin Selvam, (2312037), III-CSE Ms.R.S.Sukantha, (2315019), III-IT Mr.N.Mohan Kumar, (2310029), III-Mech. Ms.J.Harni, (2315008), III-IT Ms.S.Abinaya, (2317002), III-AI&DS
Associate Vice Presidents	:	Ms.C.Sivaranjani, (2213035), IV-EEE Mr.S.P.M.Kani, (2317057), III-AI&DS Ms.K.Apsara, (2315010), III-IT Mr.S.Selva Kumar, (2310030), III-Mech. Ms.P.Sujitha, (2315018), III-IT
Secretary	:	Ms.J.Janani, (2315009), III-IT
Joint Secretaries	:	Ms.A.Harini, (2315007), III-IT Ms.S.Aathi Lakshmi, (2311097), III-ECE Ms.P.Pooja, (2315013), III-IT Mr.S.Siva Sankar, (2317018), III-AI&DS Ms.V.Prasitha, (2315014), III-IT Mr.T.Vikram, (2310022), III-Mech.
Associate Joint Secretaries	:	Ms.A.Sowmiya, (2213032), IV-EEE Ms.J.Gokila, (2213041), IV-EEE Ms.M.Abinaya, (2315002), III-IT Mr.S.Soorya, (2317401), III-AI&DS Ms.N.Abarnaa Sree, (2315001), III-IT
Executive Members	:	Ms.P.Surya Kala, (2211002), IV-ECE Ms.S.Saktthi Lakshma, (2211028), IV-ECE Ms.R.Manisha Sankari, (2211048), IV-ECE

Ms.S.Krishna Priya, (2211045), IV-ECE
Ms.R.Sathana Keerthi, (2211034), IV-ECE
Ms.A.Siva Shri, (2211008), IV-ECE
Ms.R.Keerthana, (2213028), IV-EEE
Mr.S.Ramkumar, (2317028), III-AI&DS
Mr.K.Kathikeyan, (2317048), III-AI&DS
Mr.S.Alaguraja, (2317035), III-AI&DS
Mr.P.Manoj, (2317052), III-AI&DS
Mr.P.Ajay Ram, (2317040), III-AI&DS
Mr.J.Deepan, (2317043), III-AI&DS
Mr.M.Rengasriram, (2317050), III-AI&DS
Mr.S.Barath Gowsal, (2317045), III-AI&DS
Mr.N.Ashwin Krishna, (2317004), III-AI&DS
Mr.K.Poopathy Narthan, (2317013), III-AI&DS
Mr.S.Vanniya Raj, (2317020), III-AI&DS
Mr.C.Ram Praveen, (2317060), III-AI&DS
Mr.G.Lowgu, (2311410), III-ECE
Mr.K.Vijay Sabareesh, (2310039), III-Mech.
Mr.E.Hariharan, (24103005), II-Civil
Mr.I.Sethvictor, (24103026), II-Civil
Mr.S.Pradeep, (24103401), II-Civil
Mr.A.Pathma Priyan, (24103012), II-Civil
Mr.M.Santhosh, (24103047), II-Civil
Mr.B.Vishwa, (24103054), II-Civil
Mr.S.Athi Siva, (24103057), II-Civil
Mr.S.Muthu Manikandan, (24103060), II-Civil
Mr.M.Muthu Akash, (24103405), II-Civil
Mr.S.Arjun, (24103014), II-Civil
Mr.S.Sathyagee, (24103408), II-Civil
Mr.A.Sibin, (24103010), II-Civil
Mr.R.Gunadeep, (24105014), II-EEE
Ms.P.J.Baviksha Paul, (24105041), II-EEE
Ms.S.Jaishree, (24105060), II-EEE
Ms.B.Bharathi, (24106501), II-ECE

11. Support to Students for Self e-Learning:

To promote independent learning, the NEC Central Library has established a **Quality Improvement Cell (QIC)** under the guidelines of Anna University, Chennai. The QIC provides guidance, support, and access to quality learning resources, enabling students to strengthen their self-learning skills and achieve academic excellence.

11.1 Quality Improvement Cell (QIC):

Established in 2014, the Quality Improvement Cell (QIC) at the NEC Central Library has been actively supporting faculty members and students by facilitating access to a wide range of online educational resources that enhance teaching, learning, and professional development.

The QIC promotes various national-level learning initiatives, including SWAYAM-NPTEL (IIT Madras), FOSS courses, Spoken Tutorial (IIT Bombay) and several other online learning platforms.

Through these initiatives, faculty members and students continuously upgrade their knowledge and skills while fostering a culture of lifelong learning and academic excellence.

11.2 SWAYAM-NPTEL (IIT Madras):

SWAYAM-NPTEL, an initiative of IIT Madras, offers high-quality online courses in Engineering, Science, Humanities, Management, and emerging technologies. To extend the benefits of these courses, NPTEL Local Chapters have been established in higher educational institutions across India.

The NEC Central Library actively promotes SWAYAM-NPTEL by encouraging students and faculty members to enroll in certification courses. The Local Chapter is coordinated by **Dr.K.Karunai Raghavan**, Librarian, who serves as the **Single Point of Contact (SPOC)** for all NPTEL-related activities and communications with IIT Madras.

11.2.1 SWAYAM-NPTEL LOCAL CHAPTER Rating:

In recognition of its outstanding performance in promoting NPTEL Online Certification Courses, SWAYAM-NPTEL, IIT Madras awarded the NEC Local Chapter an '**AA**' Rating for the **Jul-Dec 2025** session and an '**A**' Rating for the **Jan-Jun 2026** session.

[Rating Scale: AAA – Ranks 1–20 | AA – Ranks 21–100 | A – Ranks 101–200]



Dr.K.Karunai Raghavan, Librarian and **SPOC** of the SWAYAM-NPTEL Local Chapter, received the '**Top Performing SWAYAM-NPTEL Local Chapter – AA Rating**' citation and certificate from IIT Madras **on 31.01.2026** in recognition of the college's outstanding performance.

11.2.2 SWAYAM-NPTEL Course Exam Fee Reimbursements:

To encourage participation in SWAYAM-NPTEL Online Certification Courses, the institution reimbursed a total of ₹1,53,500 towards examination fees for 18 faculty members, 3 research scholars, and 167 students who earned Gold Tag Certificates and Topper recognition during the Jul-Dec 2025 and Jan-Jun 2026 sessions.

This initiative motivates learners to pursue quality online certifications and supports continuous learning, skill development, and academic excellence.

11.2.3 SWAYAM-NPTEL RESULTS (Jul-Dec 2025):

During the Jul-Dec 2025 session, 2,297 students and 86 faculty members enrolled for SWAYAM-NPTEL certification courses. Of these, 2,051 learners successfully earned certifications, achieving an impressive 86% overall pass percentage. Based on this outstanding performance, SWAYAM-NPTEL, IIT Madras awarded the NEC Local Chapter an 'AA' Rating.

Table No. 05 - SWAYAM-NPTEL Results Jun-Dec 2025 (Dept. wise)

Sl. No.	Dept.	Appeared		Just Completed	Elite	Elite + Silver	Elite + Gold	Top pers	Certified	Pass %
		Students	Staff							
1	S & H	546	31	79	169	199	28	11	475	82%
2	C.S.E.	417	10	126	164	79	2	7	371	87%
3	E.C.E.	403	12	93	124	123	34	9	374	90%
4	AIDS	294	8	114	113	12	1	3	240	79%
5	E.E.E.	184	8	50	66	40	7	8	163	85%
6	IT	168	9	40	79	33	1	5	153	86%
7	Civil	168	7	54	61	44	3	1	162	93%
8	Mech.	117	1	26	63	24	0	3	113	96%
Total		2297	86	582	839	554	76	47	2051	86%
		2383		2051						86%

11.2.4 SWAYAM-NPTEL Toppers (Jul-Dec 2025):

Jul-Dec 2025 Session: During this session, faculty members, Research Scholar, and students actively participated in SWAYAM-NPTEL Online Certification Courses. As a result, 8 faculty members, 1 Research Scholar, and 38 students earned Gold Tag Certificates and secured Topper positions in their respective courses. Their achievements are presented below along with their photographs.

List of Faculty Members:

	Dr.J.Naskath Asso. Prof. / AIDS Foundations of R Software 94% (E+G) 5% Topper		Ms.M.Manimegalai AP (SG) / IT Introduction to Industry 4.0 and Industrial IoT 94% (E+G) 1% Topper
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	Ms.D.Thamarai Selvi AP (SG) / CSE BA & TM Modeling using Python 90% (E+G) 5% Topper
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	Ms.V.Anitha AP (SG) / IT Introduction to Internet of Things 86% (E+S) 5% Topper.
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	Dr.B.Venkatasamy AP (SG) / EEE ESD: HO Circuits & PCB Design with CAD Software 85% (E+S) 5% Topper
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	Ms.N.Gowthami AP (SG) / IT Data Structures and Algorithms Design 84% (E+S) 1% Topper
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	Dr.S.Chithiraikumar AP (SG) / S&H Biological Inorganic Chemistry 81% (E+S) 1% Topper
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	Ms.C.Dhanalakshmi , AP / EEE Electrical Distribution System Analysis 79% (E+S) Topper
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List of Research Scholar:

	Ms.Asheera Rasheeka Research Scholar / S&H Advanced Transition Metal Chemistry 76% (E+S) 5% Topper
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List of Students:

	A.Rifana Nazreen III - E.C.E. Prac. Cyber Security for Cyber Security Practitioners 100% (E+G) 1% Topper.
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	G.Shiva Ram III - E.E.E. Enclosure Design of Electronics Equipment 97% (E+G) 1% Topper
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	P.Priyan III - E.E.E. Enclosure Design of Electronics Equipment 97% (E+G) 1% Topper
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	S.Afshaan Fathima I - C.S.E. (S&H) Developing Soft Skills and Personality 97% (E+G) 1% Topper
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	S.Yogeswaran I - E.E.E. (S&H) Developing Soft Skills and Personality 96% (E+G) 2% Topper
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	S.Gomathisankar II - E.C.E. Enclosure Design of Electronics Equipment 96% (E+G) 2% Topper
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	A.Sanjay Kumar III - E.C.E. Enclosure Design of Electronics Equipment 95% (E+G) 2% Topper
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	M.Mutharasi I - C.S.E. (S&H) Developing Soft Skills and Personality 95% (E+G) 5% Topper
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	E.N.Sarumathi I - E.C.E. (S&H) Developing Soft Skills and Personality 95% (E+G) 5% Topper		M.Janani III - E.C.E. Enclosure Design of Electronics Equipment 94% (E+G) 5% Topper.
	S.Sheik Meeran II - E.C.E. Introduction to Internet of Things 94% (E+G) 1% Topper		G.Sridhar Karthick II - E.C.E. The Joy of Computing using Python 94% (E+G) 5% Topper
	R.Helen Joice I - C.S.E. (S&H) Developing Soft Skills and Personality 94% (E+G) 5% Topper		V.R.Vinu Sree I - C.S.E. (S&H) Developing Soft Skills and Personality 94% (E+G) 5% Topper
	A.S.Deepak Saravanan I - C.S.E. (S&H) Developing Soft Skills and Personality 94% (E+G) 5% Topper		H.Hastina Rose Infanta Rayen I - E.C.E. (S&H) Developing Soft Skills and Personality 94 % (E+G) 5% Topper
	S.Muthu Subalakshmi I – AIDS (S&H) Developing Soft Skills and Personality 94% (E+G) 5% Topper		J.A.Juliyana Infanciya III - C.S.E. Introduction to Industry 4.0 and Industrial IoT 91% (E+G) 5% Topper
	R.R.Karthika II - C.S.E. Introduction to Internet of Things 87% (E+S) 5% Topper		J.Dhariq Anvar II - C.S.E. Introduction to Internet of Things 87 % (E+S) 5% Topper
	P.Madhankumar II - E.E.E. Introduction to Internet of Things 87% (E+S) 5% Topper		T.Harini Kasi II - C.S.E. Introduction to Internet of Things 86% (E+S) 5% Topper.
	H.Vishal II - E.E.E. Introduction to Internet of Things 86% (E+S) 5% Topper		B.Muthumaninandhagopal II - E.C.E. Introduction to Internet of Things 86% (E+S) 5% Topper

	P. Murugan II - E.C.E. Introduction to Internet of Things 86 % (E+S) 5% Topper		S. Sherlin II - C.S.E. Introduction to Internet of Things 85% (E+S) 5% Topper
	A. Afrose Nisha II - C.S.E. Introduction to Internet of Things 85% (E+S) 5% Topper		S. Surya, II - E.E.E. Introduction to Internet of Things 85% (E+S) 5% Topper
	R. Suhasini II - E.E.E. Introduction to Internet of Things 85% (E+S) 5% Topper		G. Balasubramanian II - I.T. Introduction to Internet of Things 85% (E+S) 5% Topper.
	V. Haripriya II - I.T. Introduction to Internet of Things 85% (E+S) 5% Topper		S. Sheik Meeran II - E.C.E. Hardware Modeling using Verilog 83% (E+S) 5% Topper
	R. Jyotsna III – CIVIL Integrated Waste Management for a Smart City 80% (E+S) 5% Topper		V. Sanjay III - MECH. Rapid Manufacturing 79% (E+S) 5% Topper
	K. Selva Murugaraja III - MECH. Rapid Manufacturing 79% (E+S) 5% Topper.		A. Isaac Joshua II - MECH. Introduction to Machine Learning (Tamil) 75% (E+S) 5% Topper.
	N. Ashwinkrishna III – AIDS E-Business 68% (E) 5% Topper.		A. Inaya Noori III – AIDS E-Business 68% (E) 5% Topper.

11.2.5 SWAYAM-NPTEL RESULTS (Jan-Jun 2026):

During the Jan-Jun 2026 session, 1,660 students and 75 faculty members enrolled for SWAYAM-NPTEL certification courses. Of these, 1,459 learners successfully earned certifications, achieving an impressive 84% overall pass percentage. Based on this outstanding performance, SWAYAM-NPTEL, IIT Madras awarded the NEC Local Chapter an 'A' Rating.

Table No. 06 - SWAYAM-NPTEL Results Jan-Jun 2026 (Dept. wise)

Sl. No.	Dept.	Appeared		Just Completed	Elite	Elite + Silver	Elite + Gold	Top pers	Certified	Pass %
		Students	Staff							
1	S & H	509	10	70	224	176	20	15	490	94%
2	C.S.E	289	15	43	103	107	4	11	257	85%
3	AIDS	225	10	26	53	126	19	9	224	95%
4	E.C.E.	204	14	30	74	62	6	4	172	79%
5	E.E.E.	99	10	18	39	35	7	4	99	91%
6	Civil	98	5	39	28	22	2	4	91	88%
7	I.T	112	5	31	21	15	1	4	68	58%
8	MECH.	124	6	40	13	3	2	2	58	45%
Total		1660	75	297	555	546	61	53	1459	84%
		1,735		1,459						84%

11.2.6 SWAYAM-NPTEL Toppers (Jan–Jun 2026):

Jan-Jun 2026 Session: During this session, faculty members, Research Scholar, and students actively participated in SWAYAM-NPTEL Online Certification Courses. As a result, **10 faculty members**, **2 Research Scholars**, and **41 students** earned **Gold Tag Certificates** and **secured Topper** positions in their respective courses. Their achievements are presented below along with their photographs.

List of Faculty Members:



Dr.C.Veera Ajay
AP (SG) / Mech.
Computer Integrated
Manufacturing
95% (E+G) 1% Topper



Dr.K.Thoufiq Mohammed
AP (SG) / Mech.
Product Engineering and
Design Thinking
93% (E+G) 1% Topper



Ms.P.Raja Priya
AP / CIVIL
Design Thinking - A Primer
92% (E+G) 1% Topper



Dr.M.Gengaraj, AP (SG) /
E.E.E.
Effective Engineering
Teaching in Practice
90% (E+G) 2% Topper



Dr.G.Sivakamasundari
Asso. Prof. / C.S.E.
Exploratory Data Analysis for
Data Science with R Software (E)
88% (E+S) 5% Topper



Mr.J.Thangaraj
AP / E.E.E.
Smart Grid: Basics to
Advanced Technologies
87% (E+S) 5% Topper

	Dr.B.Annaraj AP (SG) / S&H Biomass Conversion and Biorefinery 85% (E+S) 5% Topper
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	Ms.C.Kalieswari AP / E.C.E. VLSI Physical Design 77% (E+S), 2% Topper
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	Ms.P.Raja Priya, AP / CIVIL Development and Applications of Special Concretes 75% (E+S) 5% Topper
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	Dr.M.Manimegalai AP (SG) / I.T. Design and Analysis of Algorithms 75% (E+S) 5% Topper
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List of Research Scholars:

	Ms.Asheera Rasheeka Research Scholar / S&H Biochemistry 79%, (E+S) 5% Topper
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	Ms.U.Parvathi Vijayalakshmi Research Scholar / E.E.E. Introduction to Machine Learning 75%, (E+S) 2% Topper
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List of Students:

	M.Subha II - E.E.E. Programming in Java 100% (E+G) 1% Topper
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	V.R.Vinu Sree I - C.S.E. (S&H) The Joy of Computing using Python 100% (E+G) 1% Topper
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	S.Srinivasan II - C.S.E. Human Computer Interaction (In English) 98% (E+G) 5% Topper
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	R.Pravin Raja I - I.T. (S&H) The Joy of Computing using Python 98% (E+G) 1% Topper
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	M.Saraswathi II – AIDS Business Ethics 97% (E+G) 1% Topper
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	B.Betina Roland I - C.S.E. (S&H) The Joy of Computing using Python 97% (E+G) 2% Topper
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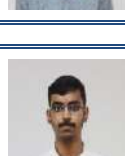
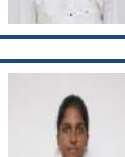
	S.Afshaan Fathima I - C.S.E. (S&H) The Joy of Computing using Python 97% (E+G) 2% Topper
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	R.Rithika I - C.S.E. (S&H) The Joy of Computing using Python 97% (E+G) 2% Topper
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	P.Rajalakshmi II – AIDS Business Ethics 96% (E+G) 2% Topper
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	M.Priyadharshini II – AIDS Business Ethics 96% (E+G) 2% Topper
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	S.Selva Malar II – AIDS Business Ethics 96% (E+G) 2% Topper		M.Madhusri I - C.S.E. (S&H) The Joy of Computing using Python 96% (E+G) 5% Topper
	B.Sri Nithy I - I.T. (S&H) The Joy of Computing using Python 96% (E+G) 5% Topper		S.Lakshana II - E.C.E. The Joy of Computing using Python 95% (E+G) 5% Topper
	F.Adline II – AIDS Business Ethics 94% (E+G) 5% Topper		G.Santhiya II - AIDS Business Ethics 94% (E+G) 5% Topper
	A.Dhanalakshmi II - AIDS Business Ethics 94% (E+G) 5% Topper		S.Neo Elvin I - AIDS (S&H) Cloud Computing 94% (E+G) 1% Topper
	M.Jeeviga I - C.S.E. (S&H) The Joy of Computing using Python 94% (E+G) 5% Topper		P.Janani I - C.S.E. (S&H) The Joy of Computing using Python 94% (E+G) 5% Topper
	C.Harini II - C.S.E. Introduction to Industry 4.0 and Industrial Internet of Things 90% (E+G) 1% Topper		B.Hariraam II - C.S.E. Introduction to Industry 4.0 and Industrial Internet of Things 90% (E+G) 1% Topper
	B.Aarthi II - Civil Introduction to Internet Of Things 90% (E+G) 5% Topper		M.Arun Bharathi II - E.C.E. Cloud Computing 90% (E+G) 2% Topper
	E.Shanmugapriyan III - E.C.E. Introduction to Internet Of Things 88% (E+S) 5% Topper		A.Raja Poorani I - E.C.E. (S&H) Introduction to Internet Of Things 88% (E+S) 5% Topper

	C.Nanthikaa I - E.C.E. (S&H) Introduction to Internet Of Things 88% (E+S) 5% Topper		R.Pranavarathi I - E.C.E. (S&H) Introduction to Internet Of Things 88% (E+S) 5% Topper		
	G.K.Nikitha Bharathi III - AIDS Introduction to Industry 4.0 and Industrial Internet of Things 87% (E+S) 5% Topper		R.R.Karthika II - C.S.E. Introduction to Industry 4.0 and Industrial Internet of Things 87% (E+S) 5% Topper		
	S.Balaji I - M.E. - C.S.E. Introduction to Industry 4.0 and Industrial Internet of Things 86% (E+S) 5% Topper		C.Jayasri II - C.S.E. Introduction to Industry 4.0 and Industrial Internet of Things 86% (E+S) 5% Topper		
	S.Abdul Mufeed II - C.S.E. Introduction to Industry 4.0 and Industrial Internet of Things 86% (E+S) 5% Topper		M.Gopika Priyanka II - AIDS Introduction to Industry 4.0 and Industrial Internet of Things 86% (E+S) 5% Topper		
	S.Dhanvanth III - C.S.E. Introduction to Industry 4.0 and Industrial Internet of Things 85% (E+S) 5% Topper		B.Aarthi II - Civil Natural Hazards 85% (E+S) 5% Topper		
	A.Thanuja Devi II - C.S.E. Introduction to Industry 4.0 and Industrial Internet of Things 85% (E+S), 5% Topper		S.Sanjula II - C.S.E. Introduction to Industry 4.0 and Industrial Internet of Things 85%, (E+S), 5% Topper		
	N.Abarnaa Sree III - I.T. E-Business 81% (E+S) 5% Topper		V.Prasitha III - I.T. E-Business 80% (E+S) 5% Topper		
<table><tr><td></td><td> S.Adhi Lakshmi IV - I.T. Problem Solving Through Programming In C 78% (E+S) 5% Topper </td></tr></table>					S.Adhi Lakshmi IV - I.T. Problem Solving Through Programming In C 78% (E+S) 5% Topper
	S.Adhi Lakshmi IV - I.T. Problem Solving Through Programming In C 78% (E+S) 5% Topper				

11.2.7 SWAYAM-NPTEL STARS:

During the **Jul–Dec 2025** and **Jan–Jun 2026** sessions, several faculty members and students of NEC earned prestigious **SWAYAM-NPTEL Star** recognitions for their consistent participation and outstanding performance in **NPTEL Online Certification Courses**. These recognitions reflect the institution's strong commitment to promoting continuous learning, academic excellence, and skill development through national-level online education initiatives.

Based on their sustained performance across multiple semesters, learners received recognition under the following Star categories:

- **NPTEL Discipline Stars:** A total of **137 learners** (127 students and 10 faculty members) were recognized as **NPTEL Discipline Stars** for successfully completing more than 50 weeks of learning in the same discipline, while securing a minimum score of 55% in each certified course.
- **NPTEL Enthusiasts:** **3 students** earned the **NPTEL Enthusiast** recognition by appearing for at least eight examinations across four semesters and successfully passing 75% or more of the courses attempted.
- **NPTEL Believers:** **3 students** were recognized as **NPTEL Believers** for demonstrating consistent academic performance by earning certifications in at least four of the four to six examinations attempted during the current semester.
- **NPTEL Motivated Learners:** **17 students** received the **NPTEL Motivated Learner** recognition by appearing for at least one examination in each of the last four semesters and successfully passing 75% or more of the courses attempted.
- **NPTEL Participant Stars:** **30 students** were recognized as **NPTEL Participant Stars** for their consistent participation and successful completion of multiple NPTEL courses, securing a minimum score of 40% in the proctored examinations.

Overall, **190 learners**, comprising **180 students** and **10 faculty members**, were honored under these prestigious **SWAYAM-NPTEL Star** categories. Their achievements highlight the institution's culture of lifelong learning, academic excellence, and active participation in national-level online certification programmes.

Table No. 07 - Department-wise SWAYAM-NPTEL Star Achievements

Sl. No.	Dept.	Discipline Stars		Enthusiasts		Believers		Motivated Learners		Total	
		S	F	S	F	S	F	S	F	S	F
1	C.S.E.	74	2	0	0	0	0	0	0	74	2
2	AIDS	47	1	3	0	3	0	14	0	67	1
3	I.T.	5	1	0	0	0	0	0	0	5	1

Sl. No.	Dept.	Discipline Stars		Enthusiasts		Believers		Motivated Learners		Total	
		S	F	S	F	S	F	S	F	S	F
4	E.C.E	0	1	0	0	0	0	3	0	3	1
5	S&H	1	3	0	0	0	0	0	0	1	3
6	Civil	0	1	0	0	0	0	0	0	0	1
7	E.E.E.	0	1	0	0	0	0	0	0	0	1
Total		127	10	3	0	3	0	17	0	150	10

S = Students; F = Faculty/Staff

11.3 FOSS Courses, Spoken Tutorial, IIT Bombay:

Under the National Mission on Education through Information and Communication Technology (NMEICT), Ministry of Education, Government of India, the NEC Central Library actively promoted **Free and Open Source Software (FOSS)** learning through the Spoken Tutorial Project, IIT Bombay, during the period **July 2025 to June 2026**.

The programme was coordinated by **Dr.K.Karunai Raghavan**, Librarian, the Coordinator of the Spoken Tutorial Project at NEC, with the support of faculty coordinators from various departments. Through a series of hands-on workshops and online assessment tests, students enhanced their programming, design, and open-source software skills, thereby strengthening their employability and technical competencies.

11.3.1 FOSS Workshops / Training:

The NEC Central Library, in collaboration with the **Spoken Tutorial Project, IIT Bombay**, organized a series of **Free and Open Source Software (FOSS)** Workshops during January 2026. The workshops were coordinated by **Dr.K.Karunai Raghavan**, Librarian, with the active support of faculty coordinators from various departments. The primary objective of these programmes was to equip students with practical knowledge of open-source software tools, enhance their technical competencies through hands-on training, and encourage the effective adoption of FOSS technologies in academic and professional applications.

- **Advanced C++:** **Dr.S.Chidambaram**, Asso. Prof. / IT, organized the workshop on "**Advanced C++**" held on **19 January 2026**. Around **70 students** participated in the workshop and gained hands-on experience in advanced C++ programming concepts, object-oriented techniques, and real-time problem-solving methodologies.
- **Java:** **Mr.K.Rajkumar**, AP (SG) / CSE, organized the workshop on "**Java**" held on **20 January 2026**. The workshop provided **73 students** with practical knowledge of Java programming, covering classes, objects, inheritance, exception handling, and application development.

- **C++:** Mr.S.Cammillus, AP (SG) / ECE, conducted the workshop on "C++" held on 21 January 2026. A total of 53 students learned the fundamentals of C++ programming, object-oriented programming concepts, and practical coding techniques through hands-on sessions.
- **Linux:** Dr.I.Vivek Anand, Associate Professor / ECE, conducted the workshop on "Linux" held on 22 January 2026. The workshop enabled 77 students to acquire practical skills in Linux operating system fundamentals, shell commands, file management, and basic shell scripting.
- **Blender:** Ms.M.Balamaheswari, AP (SG) / Civil, conducted the workshop on "Blender" held on 23 January 2026. Around 53 students were introduced to 3D modelling, rendering, animation techniques, and the practical applications of Blender in design and visualization.
- **Arduino:** Dr.K.Subramanian, AP (SG) / ECE, organized the workshop on "Arduino" held on 27 January 2026. Nearly 68 students gained practical exposure to Arduino programming, sensor interfacing, hardware integration, and embedded system applications through hands-on activities.
- **PHP & MySQL:** Ms.N.Gowthami, AP (SG) / IT, organized the workshop on "PHP & MySQL" held on 28 January 2026. Around 60 students learned to develop dynamic web applications using PHP and efficiently design, create, and manage databases with MySQL.
- **Python 3.4.3:** Dr.S.Dheenathayalan, Asso. Prof. / CSE, conducted the workshop on "Python 3.4.3" held on 29 January 2026. The workshop benefited 83 students by providing practical training in Python programming fundamentals, data structures, scripting, and problem-solving techniques.
- **QCAD:** Dr.F.Michael Thomas Rex, Asso. Prof. / Mechanical, organized the workshop on "QCAD" held on 30 January 2026. Around 51 students acquired practical knowledge of technical drafting, engineering drawing, and computer-aided design using the QCAD open-source software.

Overall, nine FOSS workshops were successfully organized, benefiting a total of 588 students from various departments. These workshops significantly strengthened students' technical proficiency in programming, software development, operating systems, web technologies, embedded systems, 3D modelling, and computer-aided design. The initiative also promoted the effective use of free and open-source software, fostering innovation, self-learning, and industry-relevant skills among the participants.

Following the workshops, the Spoken Tutorial Project, IIT Bombay, conducted online exams for various FOSS courses during Mar–Apr 2026. The examinations were successfully coordinated by the NEC Central Library with the support of faculty invigilators from different departments.

Table No. 8 - FOSS Online Exam Results (Academic Year 2025-26)

Sl. No.	Name of the FOSS Course	Date of Exam	Name of the Invigilator	No. of Students Appeared	No. of Students Certified
1	Linux	30.03.2026	Mr.S.Cammillus, AP (SG) / ECE	98	97
2	PHP & MySQL	31.03.2026	Dr.S.Chidambaram, Asso. Prof. / IT	117	113
3	Blender	01.04.2026	Dr.K.Karunai Raghavan, Librarian	63	62
4	Arduino	06.04.2026	Dr.I.Vivek Anand, Asso.Prof. / ECE	106	105
5	Python 3.4.3	07.04.2026	Dr.K.Subramanian, AP (SG) / ECE	197	193
6	QCAD	08.04.2026	Dr.K.Karunai Raghavan, Librarian	64	64
7	Advanced C++	09.04.2026	Mr.K.Rajkumar, AP (SG) / CSE	132	132
8	C++	10.04.2026	Dr.S.Dheenathayalan, Asso.Prof. /CSE	155	155
9	JAVA	13.04.2026	Ms.N.Gowthami, AP(GS) /IT	139	138
Total				1,071	1,059

The FOSS initiative has significantly contributed to enhancing students' programming, software development, design, and problem-solving skills while promoting the effective use of open-source technologies in engineering education.



HIGHLIGHTS (Academic Year 2025 - 26)

NEC Central Library Utilization Highlights (Academic Year 2025-26)

Library Collections:

- The Central Library has a rich collection comprising 63211 volumes of books, 1126 reference books, 3319 book-bank books, 6682 project reports, 3764 back volumes, 3372 CDs, 19 newspapers, and 26 technical magazines,
- The Library provides access to 208 IEEE (ASPP) online journals, 350 ScienceDirect (Elsevier) online journals, and 7642 EBSCO Engineering Core Collection e-books.
- The institutional memberships include DELNET, the NDLI Club and e-Shodh Sindhu.
- The Library has been fully automated using the KOHA Integrated Library Management System (ILMS), offering efficient library operations and services.

Facility Utilization:

Student Footfall	: 63668 visits Monthly Avg: 5306 Daily Avg: 354
Staff Visits	: 531 visits Monthly Avg: 44 Daily Avg: 3
Book Transactions	: 14574 total Monthly Avg: 1215 Daily Avg: 81
Journal Section	: 2881 users Monthly Avg: 240 Daily Avg: 16
E-Library	: 2127 accesses Monthly Avg: 177 Daily Avg: 12
Photocopy Services	: 31887 pages A.V. Hall Usage : 873 users
Laptop Access Facility	: 7937 users

E-Resources Access:

IEEE	: 304894 article searches Monthly Avg: 25408 Daily Avg: 1694
Elsevier ScienceDirect	: 129350 articles accessed Monthly Avg: 25870 Daily Avg: 1725
EBSCO Engg. eBooks	: 499 e-Books used Monthly Avg: 100 Daily Avg: 7

Events & Activities:

During the Academic Year 2025-26, the Central Library Readers Park, in association with the NDLI Club, IIT Kharagpur, organized 24 programmes, including technical sessions, awareness programmes, reading promotion activities, training programmes, and student engagement events.

A total of 815 unique students and faculty members participated, with an overall participation of 1,627 across all programmes.

SWAYAM-NPTEL, IIT Madras:

Sessions	Course Completion	Elite	Elite + Silver	Elite+ Gold	Top pers	Total Certified	Rating	Discipline	Believers	Motivated Learners	Enthusiasts
Jul-Dec 2025	582	839	554	76	47	2051	AA	80	2	10	-
Jan-Jun 2026	297	555	546	61	53	1459	A	57	1	7	3

Financial Support: ₹ 88500 reimbursed | 8 faculty members | 94 students

Spoken Tutorial, IIT Bombay:

FOSS Courses : 1071 students appeared | 1059 certified | 98.88% pass

Financial Utilization:

Total expenditure incurred by the Central Library during the academic year 2025-2026: ₹ 21,78,954/-



NATIONAL ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

K.R.Nagar, Kovilpatti – 628 503, Thoothukudi District.

<https://nec.edu.in/>



Courses Offered

B.E. - Mechanical Engineering*
B.E. - Electronics & Communication Engineering*
B.E. - Computer Science and Engineering*
B.E. - Electrical and Electronics Engineering*
B.Tech. - Information Technology*
B.E. - Civil Engineering*
B.Tech. - Artificial Intelligence and Data Science

M.E. - Embedded Systems Technologies
M.E. - Computer Science and Engineering
M.E. - High Voltage Engineering
M.Tech. - Information Technology
(Information & Cyber Warfare)