

1. National Engineering College (NEC):

NEC stands as the most prominent landmark of Kovilpatti, earning the title '*The Crowning Glory of the Matchless City of Matches.*' Founded by the visionary and generous **philanthropist Kalvithanthai Thiru K. Ramasamy** - affectionately known as the '**Son of the Soil**' - the college has played a transformative role in reshaping the social and cultural landscape of this small town.

With a strong sense of social commitment and generosity, he turned a barren piece of land into a flourishing academic hub. Since its establishment in 1984, NEC has been consistently producing highly competent and skilled engineers, earning a distinguished reputation across the world.

Established under the Self-Financing Scheme of the Government of Tamil Nadu, NEC has witnessed remarkable growth over the past forty-one years. Today, it offers a wide array of high-quality education and training programs to students, with degrees awarded through the prestigious Anna University.

The college currently offers seven undergraduate and four postgraduate programs across various disciplines. Nestled in a serene, lush green campus along NH7, between Madurai and Tirunelveli, and set against the picturesque backdrop of a hillock, NEC provides an ideal environment for academic excellence in southern Tamil Nadu.

2. Central Library:

The **Central Library** serves as the intellectual heart of our institution, playing a vital role in supporting teaching, learning, and research activities. As a gateway to knowledge, it is designed to meet the academic and informational needs of students, faculty members, and researchers. It is equipped with the latest technology, a **web-based Integrated Library Management System (ILMS)**, offering fully automated services such as e-Gate, circulation, and Web OPAC. These features ensure that users can search, locate, and borrow materials with ease, both on campus and remotely.

The library is housed in a **spacious, modern, and air-conditioned building**, providing a pleasant and conducive environment for reading and study. It offers a vast collection of books, journals, reference materials, newspapers, magazines, and digital resources across various disciplines. With well-organized shelves, proper classification systems, and comfortable seating arrangements, students are encouraged to spend quality time in learning and self-study. The entire facility is supported by high-speed **Wi-Fi connectivity**, enabling seamless access to e-resources and online learning platforms.

Following the Open Access System, users are free to browse through the collection, encouraging independent learning and exploration. In addition to the Central Library, each department maintains its own departmental library, further enhancing the availability and accessibility of learning resources.

Beyond lending and reading services, the Central Library also conducts various programs, orientation sessions, awareness workshops, book exhibitions, and competitions through the Central Library Readers Park, aimed at cultivating a strong reading culture and a research mindset among students. With its user-centric approach, modern infrastructure, and continual expansion of

resources, the Central Library remains a cornerstone of academic excellence, nurturing the intellectual growth of the NEC community.

The Central Library remains open from 08.30 a.m. to 07.30 p.m. during the weekdays and on Sunday from 09.30 a.m. to 01.00 p.m. throughout the year, except on government holidays.

2.1 About Central Library:

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

- **Book Stocking Section:** Contains a comprehensive collection of textbooks and reference materials, including those prescribed in the curriculum and other exam preparation resources.
- **Reference Section:** A collection of reference materials including dictionaries, encyclopedias, directories, competitive exam guides, standards, manuals, handbooks, proceedings, and University/Autonomous question paper booklets.
- **General Studies Section:** Books for competitive exam preparation, including (GATE, GRE, GMAT, UPSC as well as general knowledge, current affairs, and personality development resources.
- **Interdisciplinary Studies Section:** Books integrating concepts across various disciplines such as Educational Psychology, Indian Art and Culture, Geography and world history.
- **Career Development Corner:** Provides books on job interview preparation, career planning, skill development, leadership, entrepreneurship, soft skills, innovation management, business strategies, success stories, start-up guides and industry trends.
- **Exclusive & Valuable Book Circle:** The Circle consists of a curated collection of rare, high-value and unique books for reference and inspiration.
- **New Arrivals:** Showcases the latest additions to the library's collection.
- **Library Wall of Knowledge:** Highlights innovative and trending topics, popular titles and motivational quotes that inspire and engage users.
- **E-Library:** Equipped with computer systems to provide access to online journals, e-books and databases, supporting e-learning and research activities.
- **A.V.Hall (Audio & Video Hall):** A dedicated venue for hosting Readers Park Activities, NPTEL programs, spoken tutorial workshops, seminars, conferences, and viva voce exams, utilizing audio-visual aids effectively.
- **Periodical Section:** Provides access to peer-reviewed national journals and technical magazines in printed format, supporting current awareness and subject-specific reading.
- The **Circulation Section** is fully computerized, bar-coded circulation service making the process of issuing, returning and renewing of library documents efficient and streamlined.

- Back issues of journals are bound every year and kept in the **back volume section** for reference purpose. Back volumes can also be borrowed by the users.
- **Web OPAC:** The Web Online Public Access Catalogue enables users to search for available library resources, including books, journals, question bank, CDs/DVDs, back volumes and project reports conveniently online.
- The Central library provides **reprography** and **printing facilities** for users.
- **Book Bank Section** caters to the needs of students who avail the post-metric scholarship offered by the Government of India. The eligible students can borrow six books at a time. The books are issued for a period of one semester and are to be returned at the end of the semester.

2.2 Library Collections (as on 31st May 2025):

Library Collections:		Titles	Volumes
Book		31294	63010
Reference Books		1038	1108
Book Bank Books		693	3319
Student's Projects (Since 2004)			6420
Back Volumes (Since 1993)			3764
Book & Periodicals’ CDs			3372
NPTEL Videos			24 TB
Dailies			19
Periodicals:			
Technical Magazines			29
E-Resources :			
E – Journals	Science Direct (Elsevier)		376
	IEEE (ASPP)		162
E – Books	EBSCO Engineering Core Collections		6567
	Pearson e-books		77
Anna University E-Resource Consortium (AUERC):			
E – Journals	Science Direct E-Journals		296
	Springer E-Journals		693
	Wiley E-Journals		334
	Cambridge E-Journals		454
E-Books	Science Direct E-Books		194
	Springer E-Books		6305
	PHI Learning E-Books		144
	CBS E-Books		714

	Wiley India E-Books	159
	Wiley E-Books	1657
	Cambridge E-Books	6371
	New Age E-Books	111
Institutional Memberships:		
-	DELNET (Developing Library Network)	
-	NDLI Club (National Digital Library of India Club)	
-	e-Shodh Sindhu Consortia, INFLIBNET centre, Gandhi Nagar, Gujarat	
-	INFED, INFLIBNET Centre, Gandhi Nagar, Gujarat	
Online Self-Learning Courses		
	SWAYAM – NPTEL, IITM, Chennai	
	FOSS Courses, Spoken Tutorial, IIT Bombay	
Question Bank		
	Since 2002 – Anna University & Since 2011 – Autonomous	

3. 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 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 improve their academic performance through a rich collection of digital content.

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

3.1 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 offering high-speed internet access for students and faculty. Users can access a variety of non-book materials, including text-book tutorial CDs and periodicals 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

3.2 E-Resources:

The Central Library provides access to an extensive range of electronic resources to enhance the academic and research capabilities of its users. This includes subscriptions to prestigious databases and digital libraries, as well as memberships in national academic networks and consortia.

3.2.1 IEEE (ASPP):

The NEC Central Library subscribes to the **IEEE All Society Periodicals Package (ASPP)**, giving students and faculty access to one of the world's leading resources for engineering, electronics, and computer science research.

Key features include:

- Access to the IEEE Xplore Digital Library at: <https://ieeexplore.ieee.org/Xplore/home.jsp>
- Online access via institutional IP addresses and remote access using individual User IDs and Passwords
- Access to 162 IEEE journals, magazines, and transactions
- Archive of publications dating from 2005 onwards
- Powerful custom search interface with faceted search, saved searches, email alerts, RSS feeds, and more
- Subscription covers IEEE ASPP online journals from 2009 to the present

This resource is invaluable for both researchers and students pursuing advanced studies and innovation in technical fields.

3.2.2 Anna University E-Resource Consortium (AUERC):

The NEC Central Library is a proud member of the **Anna University E-Resource Consortium (AUERC)**. This membership grants users access to a rich collection of e-journals, e-journal archives, and e-books from globally reputed academic publishers.

Access portal: <https://access.auerc.com/ncoea>

E-Journals Access Includes (1,777 full-text online journals):

- ScienceDirect E-Journals (Elsevier)
- Springer E-Journals
- Wiley E-Journals
- Cambridge E-Journals

E-Books Collection Includes (15,655 full-text e-books):

- ScienceDirect E-Books
- Springer E-Books
- PHI Learning E-Books
- CBS E-Books
- Wiley India & Wiley Global E-Books
- Cambridge University Press E-Books
- New Age International E-Books

These resources cover a broad spectrum of disciplines, including engineering, science, management, and humanities, and are essential for academic assignments, project work, and scholarly research.

4. INFED Federated Single Sign-on Framework & Remote Access:

The **INFED Federated Single Sign-On Framework**, facilitated by the **INFLIBNET Centre** (Information and Library Network Centre), Gandhinagar, Gujarat, enables seamless remote access to a wide range of subscribed academic e-resources. This system is part of the **Indian Access Management Federation (INFED)**, which is designed to support academic and research institutions in providing secure and convenient access to licensed digital content.

Through this platform, faculty members and students of NEC can access multiple electronic resources using a **single set of login credentials**, eliminating the need for separate logins for each resource. The federated access ensures that users can explore e-resources from **any location** and at **any time**, thereby supporting **24/7 learning and research** without geographical limitations.

The INFED system provides authorized users at NEC with remote access to several key academic databases and digital libraries, including:

- ✓ **IEEE Xplore (ASPP Core Collection)** – A vast digital library covering high-quality research articles, journals, and conference proceedings in engineering, electronics, and computer science.

All **faculty members and students of NEC** have been registered in the INFED system to enable individual access. Once authenticated, users can navigate through multiple digital repositories within the federated platform without the need to re-authenticate for each resource.

Users can log in to the INFED platform through the URL: <https://idp.nec.edu.in>

After logging in with their institutional credentials, they can access a wide range of e-resources offered through NEC's library subscriptions. This user-friendly, secure, and integrated platform significantly enhances the research and learning experience for both students and faculty members.

5. 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.

5.1 Developing Library Network (DELNET):

NEC is an Institutional Member of DELNET, New Delhi, since **2004**. DELNET (Developing Library Network) is a renowned network of libraries in India and abroad that promotes resource sharing among member institutions. URL: <http://www.delnet.in>

Key Services and Benefits:

- Inter-Library Loan (ILL) and Document Delivery Services (DDS) are provided to meet user demands for books, journals, and other materials not available in our library.
- Materials of all formats and subject areas - whether for study, research, reference, instruction, or leisure reading - can be requested through DELNET.

- The lending library within the DELNET network determines the loan availability based on its policies and material status.
- This membership significantly expands the resources accessible to NEC users beyond the local collection.

5.2 National Digital Library of India (NDLI):

The **National Digital Library of India (NDLI)** is a virtual repository of learning resources, developed and maintained by **IIT Kharagpur**, under the aegis of the **Ministry of Education, Government of India**, through the **National Mission on Education through ICT (NMEICT)**.
<https://ndl.iitkgp.ac.in>

Key Features:

- NDLI provides access to millions of digital resources, including books, articles, videos, theses, question papers, and more, covering all academic disciplines.
- The platform supports content in multiple languages and caters to learners at all academic levels - from school to postgraduate, research scholars, and lifelong learners.
- NDLI provides features such as searches, browsing, filtering, and personalized learning spaces, making digital learning more efficient and organized.

NDLI Club (National Digital Library of India Club)

As an extension of the NDLI initiative, **NDLI Club** acts as a learning-oriented platform for conducting both online and offline events within institutions. NEC is a registered member of NDLI Club, actively engaging students through:

- Expert talks
- Workshops
- Theme-based events
- Learning challenges and competitions

These programs aim to foster reading habits, critical thinking, and digital literacy among students.

5.3 E-Shodh Sindhu:

NEC has been a registered member of the **E-Shodh Sindhu Consortium** since **2018**. This initiative, managed by the **INFLIBNET Centre**, provides **affordable access** to high-quality scholarly e-resources for Indian academic institutions.

URL: <https://ess.inflibnet.ac.in/oes/memberhome.php>

Highlights:

- Access to full-text, bibliographic, and factual databases across disciplines.
- Designed to reduce subscription costs while increasing the availability of digital academic resources in higher education institutions.
- Membership ensures NEC students and faculty have access to leading international academic journals and databases to support research, teaching, and learning.

6. Central Library Utility Statistics:

6.1 Utility Report (June 2024 to May 2025):

The NEC Central Library witnessed significant utilization of its facilities and services during the academic year from **June 2024** to **May 2025**. The statistics reflect the library's vital role in supporting academic learning, research, and co-curricular engagement among students and faculty.

- **Student Footfall:** A total of 62,532 students availed the Central Library's resources, with a monthly average of 5,211 and a daily average of 347 student visits.
- **Staff Engagement:** 475 staff members utilized the library facilities, averaging 40 monthly visits by staff members and 3 daily visits.
- **Book Transactions:** The total 20,573 transactions, issuing 10,220 books and 10,353 returns. Monthly, 852 books were issued and 863 were returned, with a daily average of 57 issues and 58 returns.
- **Journal's Section:** The Journal's Section recorded 2,918 user visits, with monthly and daily averages of 243 and 16 respectively.
- **E-Library:** The E-Library was utilized extensively with 6,710 user accesses, averaging 559 monthly and 37 daily.
- **Photocopying Services:** Students and faculty members utilized printing and photocopying services for 41,477 pages of documents.
- **A.V. Hall Usage:** The A.V.Hall hosted 1,162 users for various academic and co-curricular events such as Readers Park Events and Ph.D. Viva voce etc.
- **Technological Resources:** A total of 6,515 users availed laptop facilities within the library for academic and research purposes.
- **Online Resources Access:**
 - It is significant that from June 2024 to May 2025, library users searched for 3,14,040 articles in the IEEE (ASPP) online resources, averaging 26,170 articles per month and 1,745 articles per day.
 - Also, they accessed a total of 3,87,654 articles on Elsevier Science Direct, averaging 32,305 articles per month and 2,154 articles per day.
 - They also accessed 6,190 EBSCO eBooks, with an average monthly usage of 619 eBooks and a daily usage of 41 eBooks.
- **Technical Events:** During this period, the Central Library Readers Park conducted a total of **26 events**, which included:
 - Technical and Non-Technical Events
 - Awareness & Training Workshops

These statistics highlight the Central Library's growing impact as a **dynamic learning hub**, blending traditional library services with modern digital learning tools and vibrant academic programming.

6.2 Utility Statistics – Section wise (June 2024 to May 2025):

During the academic year from June 2024 to May 2025, the NEC Central Library recorded active usage across all its sections. Below is a summary of the key statistics:

Table No. 01 - NEC Central Library Utility Statistics – Section wise

Month & Year	Library Visits		Transaction		Searches & Downloads			Web OPAC	e-Library	Xerox	Periodicals	Laptop	A.V.Hall
	Students	Staff	Issues	Returns	IEEE	Science Direct	EBSCO eBook						
Jun-24	4382	17	440	576	8585	20212	215	28	119	3360	55	405	35
Jul-24	6730	28	1187	924	51904	64778	1045	1354	236	1170	137	697	30
Aug-24	8035	49	1379	1196	36153	44382	72	275	442	6775	338	699	260
Sep-24	5764	113	1187	1139	36182	46624	304	179	398	4767	283	576	154
Oct-24	7228	92	1063	1194	25918	34305	122	173	338	7264	132	616	97
Nov-24	5755	52	739	878	13388	17947	362	168	208	3384	101	535	30
Dec-24	3816	25	687	838	7099	18955	123	187	50	2149	36	317	0
Jan-25	5226	27	871	670	32788	42309	14	142	458	707	454	525	316
Feb-25	4491	21	884	894	41947	36631	3549	141	518	3784	523	685	123
Mar-25	4903	31	686	739	26637	32794	384	132	322	1504	421	547	91
Apr-25	2574	16	633	765	18591	13698	0	171	263	3307	290	362	0
May-25	3628	4	464	540	14848	15019	0	191	217	3306	148	551	26
Total	62532	475	10220	10353	314040	387654	6190	3141	3569	41477	2918	6515	1162
Average P/M	5211	40	852	863	26170	32305	619	262	297	3456	243	543	97
Average P/D	347	3	57	58	1745	2154	41	17	20	230	16	36	6

This table reflects the consistent engagement of students and faculty members with both physical and digital resources, showing the library's vital role in academic support and digital learning at NEC.

6.3 Operational and Financial Activities (June 2024 to May 2025):

During the academic year 2024–2025, the NEC Central Library undertook several key operational and financial initiatives to enhance its resources and services. The following are the major activities and associated expenditures:

- **Book Acquisition:** A total of **13 new titles** were added to the library collection, covering various disciplines, with Accession Numbers from **62998 to 63010**. The acquisition was made based on faculty and departmental recommendations to support curriculum and research needs. The total expenditure for these new books amounted to **₹ 9,483/-**.

- **Technical Magazine Renewal:** The subscription for **29 technical and professional magazines** was renewed to ensure continued access to current trends, developments, and innovations in engineering, science, and technology. The total cost incurred was **₹ 55,002/-**.
- **IEEE ASPP Online Journal Renewal:** To support advanced research and academic excellence, the **IEEE All Society Periodicals Package (ASPP)** subscription was renewed at a cost of **₹ 6,60,888/-**. This resource provides access to over 200 IEEE journals and magazines.
- **Anna University E-Resource Consortium (AUERC) Subscription:** Continued access to e-books, e-journals, and databases under the **AUERC** scheme was ensured with a subscription costing **₹ 13,75,000/-**. This consortium is vital for maintaining academic standards and supports a wide range of disciplines.
- **Institutional Membership Renewals:** In order to provide value-added services and collaborative access to national-level e-resources:
 - Membership with **DELNET (Developing Library Network)** was renewed at **₹ 13,570/-**, offering access to inter-library loan and union catalog services.
 - Membership with **Spoken Tutorial, IIT Bombay** was renewed at **₹ 29,500/-**, enabling the institution to offer free and structured self-learning Open Source Software Courses to students.
- **SWAYAM-NPTEL Course Exam Fee Reimbursements:** As part of encouraging self-paced learning and certification through **SWAYAM-NPTEL**, a total reimbursement of **₹ 1,17,500/-** was issued to **17 faculty members** and **103 students** who successfully completed online certification courses during July to December 2024 and January to June 2025 sessions. This initiative promotes continuous learning and professional development.
- **Newspaper Subscription:** The library continued to provide access to current affairs and general knowledge by subscribing to daily newspapers in both **Tamil** and **English**. The annual expenditure for this service was **₹ 54,939/-**.
- **Book and Question Bank Maintenance:** As part of ongoing maintenance and preservation efforts, around **300 books** and **48 Question Banks** were **rebound** due to damage or missing barcodes. Fresh **spine labels** were also affixed to ensure easy identification and accessibility.
- **Publication of Library Bulletin:** The **8th issue of the Central Library Bulletin** was compiled, formatted, and printed. This publication highlights recent developments, new arrivals, library events, best user recognition, and usage statistics, serving as a communication channel between the library and its users.
- **Total Expenditure:** The cumulative expenditure for all the above-listed activities and services during the academic year was **₹ 23,65,749/-**, reflecting the institution's ongoing commitment to resource enhancement and academic support.

7. Self-Learning & Extension Services:

Learning by oneself, or self-learning, is an important part of growing academic and personally. Even smart and hardworking students can find it difficult at times. To succeed, students need to develop important skills like time management, self-discipline, understanding of different topics, and the ability to think deeply. To support this, the Central Library has taken steps to promote self-learning and skill development through various extension activities.

7.1 Central Library Readers Park:

Reading is a powerful and creative activity that opens the mind. Through reading, we can imagine life in different places, time periods, and cultures. Every book gives a new experience and helps us understand the world in different ways.

To encourage the habit of reading among students, the **Central Library Readers Park** was established. It supports students from all departments in improving their reading habits, staying updated with current events, and gaining knowledge from various fields. The aim is to build a culture of thoughtful reading, interdisciplinary awareness, and active discussion among its members.

Membership and Engagement:

Students who are interested in reading and wish to enhance their reading skills are encouraged to join the Central Library Readers Park. Those who want to stay informed about current affairs, improve general knowledge, and explore topics across multiple disciplines are welcome to become members. The Park offers a shared learning space where intellectual curiosity is encouraged and celebrated.

- **Mode of Interaction:** Meetings are organized weekly. These sessions often include presentations, book reviews, or topic-based discussions.
- **Topics Covered:** Discussions cover a wide range of subjects, including literature, science, history, technology trends, social issues, and contemporary global events, encouraging holistic learning.

Participation in Readers Park helps students build confidence, improve communication skills, and develop knowledge beyond the classroom.

Review Meetings:

Two review meetings of the Central Library Readers Park Committee for the Academic Year 2024–2025 were held on 03.08.2024 and 10.08.2024 at the Central Library. These meetings were attended by Executive Committee Members, faculty coordinators, and student representatives.

Key highlights of the meetings:

- A tentative plan for upcoming events and activities (both technical and non-technical) was prepared.
- Committee members gave useful suggestions to:

- Improve reading skills among students
- Develop leadership and communication skills
- Encourage more students to take part in Readers Park activities
- The selection process for **Readers Park student office bearers** (like President, Secretary, etc.) was also discussed.

All members actively contributed creative and innovative ideas to make the Readers Park more engaging and impactful. Some of the suggestions included:

- Hosting quiz competitions
- Creating book corners in the library
- Organizing book reviews and reading challenges
- Inviting authors or alumni to interact with students

These initiatives reflect the shared commitment of both students and staff to promote reading as a joyful and meaningful habit @ NEC.

7.1.1 Readers Park organized the Events and Activities:

The NEC Central Library Readers Park actively organized a variety of events and activities aimed at promoting reading habits, critical thinking, and interdisciplinary learning among students. These initiatives included both technical and non-technical programs such as book reviews, quiz competitions, reading challenges, interactive discussions, and presentations on trending topics. Each event was designed to encourage student participation, improve communication skills, and foster a culture of thoughtful reading across the Institutions. A summary of these activities is given below.

7.1.1.1 Digital Wellbeing Navigating Technology in Daily Life:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on '**Digital Wellbeing: Navigating Technology in Daily Life**' on **17th August 2024** at 2.00 p.m. in the Central Library.

The event began with a welcome address delivered by **Ms.J.Janani**, II-IT student. Following the welcome, **Mr.V.Sanjay**, II-Mechanical Engineering student, introduced the speakers for the session.

The session was led by **Ms.S.Aathi Lakshmi**, II – ECE student and **Mr.R.Lordson Jabez**, II–IT student, who presented an insightful lecture on the topic. They emphasized that although technology plays a vital role in our daily lives - offering convenience, entertainment, and vast learning opportunities - it also presents challenges, such as digital overload, stress, and the blurring of boundaries between work and personal life.

The speakers highlighted that digital wellbeing involves maintaining a healthy and balanced relationship with technology, ensuring it enhances rather than reduces the quality of life. They discussed practical strategies such as setting screen-free times, choosing enriching digital content,

and engaging in offline activities. Their message stressed the importance of intentional technology use to ensure that it serves us, rather than controls us.

In the Book Locker section, **Ms.S.Lalitha**, IV-CSE student, delivered an engaging book narration on 'Think Like a Monk: Train Your Mind for Peace and Purpose Every Day' by Jay Shetty, providing further insights into the themes of mindfulness and well-being.

The session concluded with an interactive discussion, during which participants shared their thoughts and feedback. **Ms.S.Sandhiya**, II – ECE student proposed the vote of thanks, and **Ms.P.S.Vasundhara**, II – IT student skillfully served as the event host.

Nearly 45 participants actively took part in the session, which was successfully coordinated by the active members of the Readers Park. The event concluded at 5.00 p.m.



7.1.1.2 Neuralink in Education: Enhancing Learning with Brain Computer Interfaces:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on the topic 'Neuralink in Education: Enhancing Learning with Brain-Computer Interfaces' on 24th August 2024, at 2.00 p.m. in the Central Library.

The event began with a welcome address delivered by **Ms.P.S.Vasundhara**, II-IT student. Following the welcome address, **Mr.V.Sanjay**, II-Mechanical student, introduced the speakers for the session.

The lecture was presented by **Mr.I.M.Thanga Jaga Mathesh**, II-Mechanical and **Mr.I.Manicka Vasagan**, II-IT. Their insightful talk explored the potential of Neuralink technology to revolutionize education by integrating brain-computer interfaces, enabling direct interaction between the brain and digital devices. This technology aims to enhance learning experiences by

improving knowledge retention, personalized education and cognitive abilities, ultimately transforming the way students engage with educational content. Also, they discussed how Neuralink in education could be a game-changer for mentally disabled individuals, offering new ways to support learning and communication by bypassing traditional barriers and providing more inclusive educational opportunities.

In the book locker section, **Mr.G.Esakki Athi Vishnu**, II-IT student, delivered an engaging narration of the book ‘Who Will Cry When You Die?’ by **Robin Sharma**. He highlighted that the book provides motivational guidance on living a meaningful life. Through 101 short chapters, the author shares practical advice on building good habits, overcoming obstacles, and embracing personal growth, while encouraging readers to live with purpose, kindness, and gratitude.

Mr.E.Murugan, II-Mechanical student, impressively conducted non-technical events such as logo identification and connections. His engaging approach added excitement and encouraged active participation from the participants.

The session concluded with an interactive discussion where participants shared their views and feedback. The program concluded with a vote of thanks delivered by **Ms.P.Nathiya**, II-EEE student, expressing gratitude to all the participants and organizers for making the event a success.

Mr.V.Sanjay, II-Mechanical student and **Ms.R.Abitha**, II-EEE Student, hosted the event, which was successfully coordinated by **Dr.K.Karunai Raghavan**, Librarian, **Ms.S.Lalitha**, IV-CSE student and **Mr.S.Bala Dinesh**, IV-CSE student, along with the active members of the Readers Park. Nearly **46 students** actively participated in the event. The event concluded at 5.00 p.m.



7.1.1.3 Fusing Style with Smart: The Evolution of Accessories:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on the topic ‘Fusing Style with Smart: The Evolution of Accessories’ on 21st September 2024, at 2.00 p.m. in the Central Library. The event began with a welcome address delivered by **Mr.G.Esakki Athi Vishnu**, II-IT student. Following this, **Ms.S.Lalitha**, IV-CSE student, introduced the speakers for the session.

The topic, ‘Fusing Style with Smart: The Evolution of Accessories’ was presented by two student speakers, **Ms.K.Apsara** and **Ms.V.Anusha**, both II-IT students. The presentation discussed how accessories have evolved from simple fashion statements to essential tools that combine style with

functionality. The lecture explored the impact of technological advancements and design innovations on accessories, from smart watches and fitness trackers to tech-integrated fashion items like smart glasses and connected jewellery. This fusion of form and function has transformed how we accessorize, reflecting broader trends in consumer behaviour, sustainability and the integration of fashion with the digital age. The lecture aimed to uncover how modern accessories are reshaping style and convenience.

In the book review section, **Ms.N.Janavee**, IV-ECE student, delivered an engaging narration of ‘**The 5 AM Club: Own Your Morning. Elevate Your Life**’ by **Robin Sharma**. She explained that this self-help book emphasizes the importance of waking up early to boost productivity, personal growth and success. Through a narrative format, the book tells the story of a billionaire mentor who teaches two struggling individuals the principles of the ‘5 AM Club.’ The core idea is that by starting the day early and focusing on health, personal development and goal setting, one can achieve life transformation. Sharma’s ‘20/20/20 rule’ for the first hour of the day - 20 minutes of exercise, 20 minutes of reflection or meditation and 20 minutes of learning was highlighted as a key strategy for enhancing productivity, creativity and self-discipline. The book serves as an inspiring guide for adopting habits that lead to personal mastery and balance in both professional and personal spheres.

Mr.J.Deepan and **Mr.P.Ajay Ram**, both II–AIDS students, conducted non-technical activities such as making connections and identifying phonetic words. The session concluded with an interactive discussion where participants shared their feedback and views. The event concluded with a vote of thanks delivered by **Mr.I.Manicka Vasagan**, II-IT student, expressing gratitude to all the participants and organizers for their efforts in making the event a success. The event was hosted by **Mr.V.Sanjay**, II-Mechanical student. It was successfully coordinated by **Ms.S.Lalitha** and **Mr.S.Bala Dinesh**, both IV-CSE students, along with the active members of the Central Library Readers Park. Nearly **59 students** participated in the event, which concluded at 5.00 p.m.



7.1.1.4 Introduction to the METAVERSE: Concepts and Technologies:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on the topic ‘**Introduction to the METAVERSE: Concepts and Technologies**’ on 28th Sep. 2024 at 2.00 p.m. in the Central Library.

The event commenced with a welcome address delivered by **Ms.R.Babitha**, II–AIDS student. Followed by **Ms.K.Geetha**, II–AIDS student, introducing the session’s speakers.

The topic, ‘Introduction to the METaverse: Concepts and Technologies’ was presented by two student speakers, **Ms.S.S.Visalini** and **Ms.G.K.Nikitha Bharathi** both II–AIDS students. They explained the Metaverse as a virtual, immersive space that merges physical and digital realities, allowing users to engage in interactive experiences through Virtual Reality (VR) and Augmented Reality (AR). The Metaverse features interconnected virtual environments where users, represented by avatars, can socialize, work and engage in commerce using digital assets, often powered by blockchain and cryptocurrency. It supports interoperability across platforms, enabling the movement of digital goods and avatars between worlds. Also, the METaverse leverages NFTs (Non-Fungible Tokens) and spatial computing to create decentralized economies and social systems in a shared virtual environment.

In the book review section, **Ms.R.Priya Dharshini**, II – AIDS student, gave an insightful review of ‘The Alchemist: A Fable about Following Your Dream’ by **Paulo Coelho**. She described the novel as a philosophical tale about Santiago, a young shepherd in search of a treasure he dreamt of finding in the Egyptian pyramids. Through his journey, Santiago learns valuable lessons about following his heart, recognizing opportunities and discovering the deeper meaning of life. The story emphasizes that the true treasure often lies in the journey itself, with themes of self-discovery and the pursuit of one’s dreams.

Ms.T.Divya, **Ms. A.Menaga** and **Ms.A.J.Sangeetha**, all final year ECE students, organized engaging non-technical activities conducted on reading, where participants were challenged to make connections between book titles, authors, and publishers. These activities fostered a deeper understanding of literature and encouraged interactive learning about books. The session concluded with an interactive discussion where participants shared feedback and their thoughts on the topics covered. The event ended with a vote of thanks delivered by **Ms.N.Vishwa Priya**, II-AIDS student, expressing gratitude to all the participants and organizers.

The event was hosted by **Ms.N.Janavee**, IV-ECE student and was successfully coordinated by **Ms.S.Lalitha** and **Mr.S.Bala Dinesh**, both IV-CSE students, along with the active members of the Central Library Readers Park. Nearly 65 students participated in the event, which concluded at 05.10 p.m.



7.1.1.5 Central Library Readers Park Inaugural Function 2024-25:

The **Central Library Readers Park Inaugural function** for the Academic Year 2024-25 was held on 19th October 2024, 11.00 a.m. at National Engineering College, Kovilpatti. The event began with a prayer song, followed by a welcome address **Ms.P.S.Vasundhara**, II – IT Student.

The event was graced by **Dr.M.Sundaram**, a distinguished figure honored with the Asiriar Thilagam Award, the Ambedkar Award for Best Teacher and the Dr.Radhakrishnan Award for Best Teacher. Dr.M.Sundaram, who currently serves as the Headmaster of the Government ADW Higher Secondary School, Kadambankulam, Tirunelveli District, was the Chief Guest of the event. In his inaugural address, **Dr.M.Sundaram** shared his deep passion for reading, emphasizing how books can be life-changing. He highlighted how reading fosters personal growth, marks the beginning of progress and serves as the foundation for building the future generation. His speech was engaging and insightful, filled with relatable stories for the students.

Director **Dr.S.Shanmugavel** presided over the function, delivering the presidential address and emphasizing the crucial role of the Central Library in promoting academic excellence. He also released the **Central Library Bulletin for the academic year 2024-25**, which was received by Chief Guest **Dr.M.Sundaram**.

Mr.R.P.Rahul, IV-ECE student, provided an overview of the Central Library, while **Mr.G.Esakki Athi Vishnu**, II-IT student, introduced the Central Library Readers Park and highlighted its purpose and features. **Ms.N.Janavee**, IV-ECE student, introduced the Chief Guest. The Best Library User Awards were launched and announced by **Mr.R.Lordson Jabes**, II-IT student and **Ms.S.Lalitha**, IV-CSE student, who also presented the Action Plan for the academic year 2024-25, outlining the planned activities and initiatives. The event highlighted a video presentation showcasing last year's activities and achievements, adding a visual element to the celebration. The Vote of Thanks was delivered by **Mr.I.Manickavasagan**, II-IT student, expressing gratitude to all involved. Throughout the event, nearly **245 students** actively participated in the event. The event was conducted under the guidance of Director **Dr.S.Shanmugavel** and Principal **Dr.K.KalidasaMurugavel**, with active participation from **Dr.B.Paramasivan**, Professor & Dean (SA&IR), NEC, **Dr.K.Karunai Raghavan** and student **Mr.S.Bala Dinesh**, IV-CSE and along with other active members of the Central Library Readers Park.





7.1.1.6 Workshop on Mindful Yoga and Wellness Practices:

The NEC Yoga Club and Central Library Readers Park jointly organized a workshop on ‘**Mindful Yoga and Wellness Practices**’ on 22nd October 2024, at 09.15 a.m. in the National Engineering College, Kovilpatti.

The event aimed to promote holistic well-being and mindfulness among students through yoga, highlighting the importance of both physical and mental health.

The workshop was graced by **Yoga Professor Papplewell Duplock** from **France**, who served as the Chief Guest. **Professor Duplock**, known for her vast knowledge and expertise in yoga, demonstrated a variety of yoga postures and practices. The hands-on training was designed to motivate and inspire students to embrace yoga as part of their daily routines.

The event began with a presidential address by **Dr.S.TamilSelvi**, Professor & Head of the Department of ECE, who emphasized the significance of wellness for achieving both academic and personal success. She highlighted the role of yoga in reducing stress, improving focus and enhancing physical health skills essential for students coping with the pressures of academic life. Nearly **100 students** participated actively in the yoga exercises, demonstrating enthusiasm and engagement.

The arrangements for this event were made under the guidance of the Director **Dr.S.Shanmugavel**, Principal **Dr.K.Kalidasa Murugavel** and Professor & Dean (SA&IR) **Dr.B.Paramasivan**. The coordination was ensured by the Yoga Club Coordinator **Mr.A.Shenbagaraman**, AP/CSE and Central Library Readers Park coordinator **Dr.K.Karunai Raghavan**, Librarian, who ensured that the event ran smoothly.

Conclusion: The **Workshop on 'Mindful Yoga and Wellness Practices'** provided an enriching experience for all participants. It not only introduced students to yoga but also reinforced the importance of maintaining balance in life through mindfulness and wellness practices. The event was a great success in promoting a healthy lifestyle among students.



7.1.1.7 The Internet of Things (IoT): Creating a Connected World:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on **'The Internet of Things (IoT): Creating a Connected World'** on 26th October 2024 at 2.00 p.m. in the Central Library.

The event commenced with a welcome address by **Ms.V.Prasitha**, II-IT student, followed by an introduction to the speakers by **Ms.N.Abarnaa Sree**, II-IT student. The topic, **'The Internet of Things (IoT): Creating a Connected World'** was presented by **Ms.P.M.Mathujaa** and **Ms.R.Jerina Gnana Pushpa**, both II-CSE students. They explored the transformative potential of IoT in creating interconnected ecosystems where devices, systems and services communicate seamlessly. By embedding sensors, software and connectivity into physical objects, IoT enables real-time data exchange, automation and smart decision-making. They highlighted how this technology drives efficiency and innovation across various sectors, including healthcare, transportation, agriculture and manufacturing.

Key points covered included:

- **IoT Architecture:** The different layers of IoT include devices, gateways, cloud processing & application interfaces.
- **Challenges and Solutions:** Data security, privacy concerns and interoperability.
- **Applications and Use Cases:** Smart cities, connected healthcare and industrial IoT.
- **Future Trends:** Autonomous IoT, advanced AI integration and global IoT standards.

This topic provides insights into how IoT is shaping a more connected efficient and responsive world and opening discussions on its future potential and societal impact.

In the book review segment, **Ms.S.Bhuvaneswari**, II- CSE student, provided a thoughtful review of **Do Epic Shit** by **Ankur Warikoo**. She described the book as an inspiring collection of life lessons and motivational thoughts, encouraging readers to embrace challenges and take bold actions. Bhuvaneswari emphasized Warikoo's relatable style and his insights on personal growth, resilience and career success, making the book a must-read for those aspiring to make a meaningful impact.

Mr.P.Sachin Selvam, II-CSE student and **Mr.K.Jai Karthick**, II-Mech. student, organized a series of engaging non-technical activities that added an interactive element to the event. Among these, they conducted 'Connections,' a challenge where participants matched various clues related to books, authors or famous quotes. Also, they introduced a 'Dare' event, which encouraged students to step out of their comfort zones through fun challenges, enhancing confidence and communication skills. These activities not only enlivened the atmosphere but also helped participants develop creative problem-solving skills & interpersonal connections in an enjoyable, educational setting.

The session concluded with an interactive discussion, where participants shared feedback and their thoughts on the topics covered. The vote of thanks was delivered by **Ms.M.Shylaja**, II–IT student, expressing gratitude to all the participants and organizers.

The event was hosted by **Mr.V.Sanjay**, II–Mech. student and **Mr.G.Essaki Aathi Vishnu**, II–IT students and was successfully coordinated by **Ms.S.Lalitha**, IV-CSE student and **Ms.N.Janavee**, IV-ECE student, along with the active members of the Central Library Readers Park. Nearly 45 students actively participated in the event, which concluded at 5.10 p.m.



7.1.1.8 Engineering Problem Solving: Reading Beyond Textbooks:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on 'Engineering Problem Solving: Reading beyond Textbooks' on 11th January 2025 at 10.00 a.m. in the Central Library. The event commenced with a welcome address by Mr.K.Jai Karthik, II-Mech student, followed by an introduction to the speakers by Mr.P.Sachin Selvam, II-CSE student.

Event - 01: Lecture on 'Engineering Problem Solving: Reading beyond Textbooks': The session was presented by Ms.S.Lalitha, IV-CSE student. She emphasized the importance of exploring learning resources beyond traditional textbooks to enhance problem solving skills. While textbooks provide foundational knowledge, they often lack real world applications and advanced methodologies.

Ms.Lalitha highlighted how utilizing diverse resources like journals, magazines, newspapers, projects and interdisciplinary books can offer a broader understanding of engineering principles, improve critical thinking and adoptive innovative solutions. This holistic approach nurtures creativity and equips students with the skills necessary to tackle complex challenges in today's rapidly evolving engineering landscape.

Event - 02: Book Review: In this segment, Ms.P.S.Vasundhara, II-IT student, reviewed **The 7 Habits of Highly Effective People** by Stephen R. Covey. She described the book as a practical guide to personal and professional growth, focusing on self-discipline, proactive behavior and effective goal setting. Ms.Vasundhara highlighted key lessons from the book, such as prioritizing tasks, enhancing communication skills, and building strong interpersonal relationships. She emphasized how the habits outlined in the book can be universally applied to achieve long term success and maintain a balanced life.

Event - 03: Thematic Book Scavenger Hunt Competition: The **Thematic Book Scavenger Hunt Competitions** challenged participants to find books in the library that matched specific themes. This activity helped students explore different sections of the library, get familiar with its resources and think critically to identify books that fit the given themes. It encouraged students to go beyond their usual academic reading and engage with the library's collection.

The event was designed to make learning fun by combining education with a sense of competition. It promoted teamwork, problem-solving, and creativity while showcasing the variety of resources available in the Central Library.

Winners of the Thematic Book Scavenger Hunt:

1 st Prize (II-IT)	2 nd Prize (II-AIDS)	3 rd Prize (II-AIDS)
Ms.N.Abarnaa Sree, (2315001)	Mr.J.Deepan, (2317043)	Mr.S.Vanniya Raj, (2317020)
Ms.K.Apsara, (2315010)	Mr.M.Renga Sriram, (2317050)	Mr.R.Gokul Krishnath, (2317005)
Ms.P.Pooja, (2315013)	Mr.C.Ram Praveen, (2317060)	Mr.R.K.Gowsikan, (2317006)
Ms.V.Presitha, (2315014)	Mr.M.Palani Samy, (2317404)	Mr.N.Ashwin Krishna, (2317004)
Ms.M.Shylaja, (2315016)	Mr.P.Ajay Ram, (2317040)	Mr.R.Lokanth Karthick, (2317026)

The session concluded with an interactive discussion, where participants shared feedback and their thoughts on the topics. The vote of thanks was delivered by **Ms.J.Janani**, II-IT student, who expressed gratitude to all the participants and organizers.

The event was hosted by **Ms.A.Harini**, **Mr.I.ManickaVasagan** and **Mr.G.Esakki Athi Vishnu**, all the II-IT students. The Event was successfully coordinated by **Ms.S.Lalitha**, IV-CSE student and **Ms.S.M.Jeya Ramani**, I M.E.-C.S.E. student, along with the active members of the Central Library Readers Park. Nearly 45 students actively participated in the event, which concluded at 12.30 p.m.



7.1.1.9 Workshop on Advanced C++:

The NEC Central Library, the NDLI Club and the Quality Improvement Cell collaboratively organized a FOSS Training and Workshop on ‘**Advanced C++**’ through Spoken Tutorial, IIT Bombay, on 20th January 2025 at 03.30 p.m.

The session commenced with a warm welcome address by **Ms.J.Janani**, II- IT student, followed by the introduction of the resource person by **Ms.B.Subha Induja**, also a II-IT student.

Dr.S.Chidambaram, Associate Professor, Department of IT, served as the resource person and delivered an engaging and insightful session on ‘**Advanced C++**’. The training encompassed the extended applications of advanced C++ programming techniques, covering:

- File access and abstract data structures
- Class inheritance and advanced concepts
- Advanced topics, such as:
 - Classes, objects and function/operator overloading
 - Inheritance and dynamic polymorphism
 - Templates and exception handling
 - Standard Template Library (STL)
 - Data structures and complex input/output standards
 - File handling techniques and program documentation
 - Bit manipulation

The workshop concluded at 5.30 p.m. with a vote of thanks delivered by **Ms.M.Shylaja**, another II-IT student.

A total of 65 students actively participated in the training and gained valuable insights into advanced C++ programming. **Dr.K.Karunai Raghavan**, Librarian, had made all necessary arrangements to ensure the event's success.



7.1.1.10 Workshop on C++:

The NEC Central Library, the NDLI Club and the Quality Improvement Cell jointly organized a FOSS Training and Workshop on 'C++' through **Spoken Tutorial, IIT Bombay** on 21st January 2025 at 03.30 p.m.

The event commenced with a welcome address by **Ms.G.Shanmugalakshmi**, II- ECE student. **Ms.M.Rajalakshmi**, also II-ECE student, introduced the resource person, **Mr.S.Cammillus**, Assistant Professor (SG), ECE.

Mr.S.Cammillus delivered lecture on 'C++', emphasizing its significance as a leading programming language widely used across diverse hardware and operating system platforms. Highlighting C++ as a cross-platform language, he explained how it enables the development of high-performance applications while providing programmers with extensive control over system resources and memory.

The session covered key concepts of C++, including:

- ✓ Introduction to the first C++ program
- ✓ Understanding tokens and functions
- ✓ Implementation of if and else if statements
- ✓ Utilization of nested if and switch statements
- ✓ Application of increment and decrement operators
- ✓ Use of arithmetic, relational and logical operators

The event was concluded by 05.30 p.m. with a vote of thanks by **Mr.A.Arockya Abinesh**, II – ECE. Nearly eighty one students actively participated in the event. **Dr.K.Karunai Raghavan**, Librarian, had made all the necessary arrangements for the workshop in a successful manner.



7.1.1.11 Workshop on Java:

The NEC Central Library, the NDLI Club and the Quality Improvement Cell jointly organized a 'FOSS Training and Workshop on JAVA' through Spoken Tutorial, IIT Bombay on 22nd January 2025 by 03.30 p.m.

The event began with a welcome by **Ms.S.Uma Maheswari**, III-CSE student. **Mr.T.Akshay Sudhan**, also from the III-CSE, introduced the Chief Guest. **Mr.K.Rajkumar**, AP(SG)/CSE, served as the Resource Person and delivered an engaging lecture on 'JAVA'.

In his lecture, **Mr.Rajkumar** highlighted Java's reputation as a leading class-based, object-oriented and high-level programming language. He explained how Java code is typically compiled into bytecode (class files), allowing it to execute seamlessly on any Java Virtual Machine (JVM), regardless of the underlying hardware or operating system architecture. He also emphasized Java's minimal implementation dependencies, which enable developers to write code on one platform and run it on another without requiring recompilation, thus promoting platform independence.

The workshop concluded at 05.30 p.m. with a vote of thanks by **Mr.V.Mithun Moorthy**, III – CSE. Nearly ninety four students participated in the event. **Dr.K.Karunai Raghavan**, Librarian, had made all the necessary arrangements for this workshop in a successful manner.



7.1.1.12 Workshop on LINUX:

The NEC Central Library, the NDLI Club and the Quality Improvement Cell jointly organized FOSS Training & Workshop on 'LINUX' through Spoken Tutorial, IIT Bombay, on 23rd January 2025, at 3.30 p.m.

The event began with a welcome by **Ms.A.Priyadharshini**, III – ECE, followed by an introduction of the resource person by **Mr.S.Vimal**, III – ECE. **Dr.I.Vivek Anand**, AP (SG) / ECE, served as the resource person and delivered a lecture on ‘**LINUX**.’

During his session, **Dr.Vivek Anand** highlighted that Linux is one of the most widely used operating systems today. He explained that Linux comprises a family of Unix-like operating systems built on the Linux kernel. Its adaptability is evident in its capability to run on diverse hardware platforms, ranging from mobile devices and tablets to mainframes and supercomputers.

Dr.Vivek emphasized Linux’s open-source nature, which encourages collaboration and innovation. The Linux kernel, governed by the GNU General Public License, allows users to create, modify and share software freely. He elaborated on the powerful repository of commands accessible via the terminal interface, showcasing Linux's roots in the UNIX operating system, which predates graphical interfaces. This command-line foundation equips Linux with a robust and flexible set of text-based tools.

The workshop was concluded by 05.30 p.m. with the vote of thanks by **Ms.P.N.Nandhana**, III – EEE. Nearly thirty nine students participated in the event. **Dr.K.Karunai Raghavan**, Librarian, had made all the necessary arrangements for this workshop in a successful manner.



7.1.1.13 Workshop on PHP & MySQL:

The NEC Central Library, the NDLI Club of NEC and the Quality Improvement Cell jointly organized FOSS Training & Workshop on ‘**PHP & MySQL**’ through **Spoken Tutorial, IIT Bombay** on 24th January 2025 at 03.30 p.m.

The session commenced with a welcome by **Ms.S.Hajar Nameera**, II – IT, followed by an introduction of the resource person by **Ms.R.S.Rajeswari**, II – IT. **Ms.N.Gowthami**, AP / IT, served as the resource person and delivered an attractive lecture on ‘**PHP & MySQL**’.

During her presentation, **Ms.N.Gowthami** explained that PHP (PHP: Hypertext Preprocessor) is a popular open source scripting language widely used in web development. It integrates seamlessly with HTML and offers a simple syntax influenced by C, Java and Perl, making it easy to learn and implement. PHP is particularly known for enabling the rapid development of dynamic and interactive web pages.

She also introduced MySQL, a prominent Relational Database Management System (RDBMS) used for storing, retrieving, and managing data in applications. Its structured approach to data organization and management plays a crucial role in enhancing application performance.

In addition, she highlighted the importance of Apache, a widely used open source web server that supports hosting web applications on remote servers. Apache facilitates client requests and ensures smooth access to hosted webpages and applications.

The event was concluded by 05.30 p.m. with the vote of thanks by **Ms.V.Prasitha**, II – IT. Nearly 49 students participated in the event. **Dr.K.Karunai Raghavan**, Librarian, had made all the necessary arrangements for this workshop in a successful manner.



7.1.1.14 Empowering Readers: Digital Tools for Reading and Learning in Engineering:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on ‘**Empowering Readers: Digital Tools for Reading and Learning in Engineering**’ on 25th January 2025 at 02.00 p.m. in the Central Library. The event commenced with a welcome address by **Mr.K.Jai Karthik**, II-Mech student, followed by an introduction to the speakers by **Ms.K.Apsara**, II-IT student.

Event - 01: Lecture on ‘Empowering Readers: Digital Tools for Reading and Learning in Engineering’: The session was presented by **Ms.G.Sivani Bharath**, II-IT student, who highlighted the significance of digital tools in transforming the way engineering students and professionals acquire knowledge. She explained how platforms like NDLI and IEEE Xplore provide easy access to a vast collection of academic papers, journals and technical resources. E-books and e-readers make textbooks and reference materials more portable and convenient. Online learning platforms like SWAYAM, Coursera and Spoken Tutorial offer interactive courses, videos and tutorials to help learners understand complex concepts effectively. These tools improve accessibility, encourage interactive learning and help students stay updated with the latest developments in engineering, empowering them to excel in both academic and professional fields.

Event - 02: Book Review: In this segment, **Ms.R.Priyadharshini**, II-AIDS student, reviewed **The Art of Being Alone** by **Renuka Gavrani**. She highlighted how the book explores the concept of solitude, not as loneliness, but as an opportunity for self-discovery and personal growth. Through simple yet impactful writing, the author encourages readers to embrace their own company, practice self-reflection and find peace within them. **Ms.R.Priyadharshini** praised the book for its relatable insights and recommended it as a valuable read for anyone seeking to appreciate the art of being alone in today’s fast paced world.

Event - 03: Clue Based Book Scavenger Hunt Competition: The Clue-Based Book Scavenger Hunt Competition was an engaging activity designed to encourage students to explore the library's collection. Participants were given clues leading them to specific books or items hidden in the library. As they solved each clue, they searched for the corresponding book or object, helping them familiarize themselves with the library's resources. The competition not only helped students discover new books but also improved their problem solving skills. The winners were determined based on who found the most books or solved the most clues within the time limit. It was an enjoyable way to promote reading and library exploration.

Winners of the Clue Based Book Scavenger Hunt Competition:

1 st Prize	2 nd Prize
Ms.S.Abinaya (2317002) II – AIDS Ms.G.Shivani Bharath (2317019) II – AIDS Ms.J.Harni (2315008) II – IT Ms.P.Sujitha (2315018) II – IT Ms.S.K.Sukantha (2315019) II – IT Ms.M.Shylaja (2315016) II – IT	Mr.S.Sankara Narayanan (2317015) II – AIDS Mr.R.Loganath Karthick (2317026) II – AIDS Mr.G.Prakash (2317014) II – AIDS Mr.S.Vanniya Raj (2317020) II – AIDS Mr.D.Ajai Natarajan (2216404) III – CIVIL
3 rd Prize	
Ms.A.Harini (2315007) II – IT Ms.K.Apsara (2315010) II – IT Ms.P.S.Vasundhara (2315028) II – IT	Ms.P.Pooja (2315013) II – IT Ms.V.Prasitha (2315014) II – IT Ms.N.Abarnaa Shree (2315001) II – IT

The session concluded with an interactive discussion where participants shared their feedback and thoughts on the topics discussed. The vote of thanks was delivered by **Mr.G.Esakki Athi Vishnu**, II-IT student, who expressed gratitude to all the participants and organizers. The event was hosted and coordinated by **Ms.P.S.Vasundhara**, II-IT students and the active Central Library Readers Park members. Nearly 40 students actively participated in the event, which concluded at 05.00 p.m.



7.1.1.15 Workshop on BLENDER:

The NEC Central Library, the NEC NDLI Club and the Quality Improvement Cell jointly organized a FOSS Training and Workshop on 'BLENDER' through **Spoken Tutorial, IIT Bombay** on 27th January 2025 at 03.30 p.m.

Ms.P.Shiny Joy, II–Civil welcomed the gathering. Ms.R.Jyotsna, II–Civil introduced the resource person. Ms.M.Balamaheswari, AP/Civil, served as the resource person and delivered a lecture on ‘BLENDER’.

Ms.Balamaheswari led the workshop on Blender, an open source 3D graphics software distributed under the GNU General Public License. Compatible with platforms such as Linux, Mac OS X, FreeBSD, OpenBSD and Windows, Blender serves as a powerful tool for a variety of applications.

Key features highlighted during the session included:

- ✓ **3D Graphics Capabilities:** Modeling, UV unwrapping, texturing, rigging, animation, and rendering.
- ✓ **Simulation Tools:** Water, smoke, cloth, and soft body dynamics, along with particle simulations.
- ✓ **Additional Utilities:** Video editing, compositing, and interactive 3D application development.
- ✓ **Advanced Features:** Rigid body dynamics, fluid simulation, node-based systems for materials and compositing, and Python scripting support.

Participants gained an understanding of how Blender empowers users to create professional-grade visual effects, animated films, video games, and other creative projects efficiently.

The event was concluded by 5.30 p.m. with the vote of thanks by Ms.R.S.Akshatha, II–Civil. Nearly 51 students participated in the event. Dr.K.Karunai Raghavan, Librarian, had made all the necessary arrangements for this workshop in a successful manner.



7.1.1.16 Workshop on Arduino:

The NEC Central Library, the NDLI Club and the Quality Improvement Cell jointly organized a FOSS Training and Workshop on ‘Arduino’ through Spoken Tutorial, IIT Bombay on 28th January 2025 at 03.30 p.m.

Ms.A.Shenbaga Nandhini, III–ECE welcomed the gathering. Ms.M.Manasa, III–ECE introduced the resource person. Dr.K.Subramanian, AP(SG)/ECE, served as the resource person and delivered a lecture on ‘Arduino’.

Dr.K.Subramanian provided a comprehensive lecture on Arduino, an open source platform designed for building electronic projects. Key points discussed included:

- **Core Components:**
 - A physical programmable circuit board (microcontroller).
 - An Integrated Development Environment (IDE) for writing and uploading code.

➤ **Features of Arduino Boards:**

- Digital and analog input/output pins.
- USB connectivity, power jack, reset button, and other essential components.

➤ **Programming Overview:**

- Arduino programming uses the IDE, primarily supporting C and C++.
- Code, known as a "sketch," includes two main functions:
 - ❖ `setup()`: Initializes variables, pin modes, and libraries.
 - ❖ `loop()`: Repeatedly executes the main program until reset or power-off.

➤ **Applications and Versatility:**

- Interfacing with components such as LEDs, motors, sensors, speakers, cameras, and more.
- Suitability for a broad range of electronics projects due to its flexibility and ease of use.

The event was concluded by 05.30 p.m. with the vote of thanks by **Mr.S.Vimal**, III–ECE. Nearly 37 students participated in the event. **Dr.K.Karunai Raghavan**, Librarian, had made all the necessary arrangements for this workshop in a successful manner.



7.1.1.17 Workshop on Python 3.4.3:

The NEC Central Library, the NEC NDLI Club and the Quality Improvement Cell jointly organized a FOSS Training and Workshop on 'Python 3.4.3' through **Spoken Tutorial, IIT Bombay** on 29th January 2025 at 03.30 p.m.

H.Meenakshi, II–CSE welcomed the gathering. **M.Harini**, II–CSE introduced the resource person. **Dr.S.Dheenathayalan**, AP(SG)/CSE, served as the resource person and delivered a lecture on 'Python 3.4.3'.

Dr.S.Dheenathayalan delivered a lecture on Python 3.4.3, focusing on its key features and applications:

- **Python's Characteristics:**
 - A versatile, interpreted, and interactive high-level programming language.
 - Supports dynamic typing and automatic garbage collection.
- **Origins and Development:**
 - Created by Guido Van Rossum between 1985 and 1990.
 - Distributed under the GNU General Public License (GPL).
- **Applications and Flexibility:**
 - Widely used in server-side web development for creating web applications.
 - Supports procedural, object-oriented, and functional programming paradigms.
- **Code Readability and Design Philosophy:**
 - Emphasis on clear, concise code facilitated by significant indentation.

The event concluded at 05.30 p.m. with the vote of thanks by Mr.A.Immanuel, II-CSE. Nearly 100 students participated in the event. Dr.K.Karunai Raghavan, Librarian, had made all the necessary arrangements for this workshop in a successful manner.



7.1.1.18 Workshop on QCAD:

The NEC Central Library, the NDLI Club and the Quality Improvement Cell jointly organized a FOSS Training and Workshop on 'QCAD' through Spoken Tutorial, IIT Bombay on 30th January 2025 at 03.30 p.m.

Mr.K.Jai Kaarthick, II – Mechanical Engineering, welcomed the gathering. Ms.M.Abinaya, II – Mechanical Engineering, introduced the resource person. Dr.F.Micheal Thomas Rex, Associate Professor, / Department of Mechanical Engineering, served as the resource person and delivered a lecture on ‘QCAD’.

Dr.F.Micheal Thomas Rex delivered a lecture on QCAD, emphasizing its utility as an open source, user friendly 2D computer aided drafting application. He highlighted the software’s primary features and its broad applicability across various fields, including architecture, mechanical engineering and design.

➤ **Introduction to QCAD:**

- QCAD is designed for creating precise technical drawings, such as architectural plans, mechanical parts and diagrams.
- It is compatible with multiple operating systems, including Windows, Mac OS X and numerous Linux/Unix variants, ensuring accessibility for users across platforms.

➤ **Core Features and Functionalities:**

- The session introduced attendees to the basics of QCAD, including its intuitive interface and essential tools for drafting.
- Dr.Rex explained key functionalities such as drawing methods and modification tools like stretching, mirroring, scaling and rotating. These tools enable users to manipulate and refine their drawings with precision and efficiency.

➤ **Practical Applications:**

- Dr.Rex shared real world examples where QCAD can be employed, from creating simple layouts to complex mechanical designs.
- He also emphasized the accessibility of QCAD for both beginners and advanced users, making it a versatile choice for a wide range of drafting needs.

The workshop concluded at 5.30 p.m. with a vote of thanks delivered by Mr.V.Sanjay, II-Mechanical Engineering student. The event was hosted and coordinated by Mr.S.Selvakumar, II-Mechanical Engineering student. Nearly 64 students participated in the event. Dr.K.Karunai Raghavan, Librarian, had made all the necessary arrangements for this workshop in a successful manner.



7.1.1.19 The Art of Summarizing: Skills for Technical and Academic Success:

The NEC Central Library Readers Park, in collaboration with the NDLI Club, organized a lecture on 'The Art of Summarizing: Skills for Technical and Academic Success' on 01st February 2025 at 02.15 p.m. in the Central Library. The event commenced with a welcome address and an introduction to the speaker by **Mr.S.P.M.Kani**, II-AIDS student.

Event - 01: Lecture on the Art of Summarizing: Skills for Technical and Academic Success: The session was delivered by **Mr.S.Sankara Narayanan**, II-AIDS student, who emphasized the importance of summarization as a key skill for both technical and academic success. He explained how summarizing enables clear and concise communication of complex information, facilitating better comprehension, retention and effective writing for research papers, reports and presentations. He highlighted essential techniques, such as identifying main ideas, paraphrasing, eliminating redundant information and maintaining clarity and precision.

Event - 02: Book Review: As part of the session, **Mr.R.Loganath Karthick**, II-AIDS student, presented a book review on 'Think and Grow Rich' by **Napoleon Hill**. He provided valuable insights into the book's core principles, emphasizing the importance of desire, faith, persistence and goal-setting in achieving success. He highlighted key takeaways, such as the power of a definitive purpose, positive mindset and self-discipline, which are essential for personal and professional growth.

Event - 03: Book Scavenger Hunt Competition: Word Explorer Challenge: The Book Scavenger Hunt Competition: Word Explorer Challenge was conducted by **Mr.M.Renga Sriram**, II-AIDS and **Mr.P.Monoj**, II-AIDS students. This interactive and engaging activity aimed to enhance participants' vocabulary, research skills and familiarity with the library's collection.

The event required students to search for specific words, phrases or book titles based on given clues, encouraging them to identify books with particular keywords, locate authors and explore literary themes all within a set time limit. The event promoted quick thinking, teamwork and active engagement with reading materials.

The events concluded with an interactive discussion, where participants shared their feedback. **Ms.S.Aathi Lakshmi**, II-ECE student, delivered the vote of thanks. The event was hosted and coordinated by **Ms.P.S.Vasundhara**, II-IT student, along with the active members of the Central Library Readers Park. Nearly 30 students actively participated in the event. The event concluded at 5.00 p.m., marking the end of an insightful and enriching session.





7.1.1.20 ISRO's 100th Mission: A Milestone in India's Space Journey:

The Central Library Readers Park, in collaboration with the NDLI Club, successfully organized a Students' in sights lecture on **ISRO's 100th Mission: A Milestone in India's Space Journey**, along with a Book Locker Session and Reading Competitions on 08th February 2025 at 02.00 p.m. in the Central Library.

The primary objective was to cultivate reading habits and encourage intellectual discussions among students. The events witnessed enthusiastic participation from students across various departments.

The event commenced with a welcome address by **Ms.M.Abinaya**, II-IT student, followed by an introduction to the speakers by **Ms.P.S.Vasundhara**, II-IT student.

Event - 01: Lecture on ISRO's 100th Mission: A Milestone in India's Space Journey: **Mr.D.Ajai Natarajan**, III-Civil student delivered an insightful lecture on **ISRO's 100th mission**, highlighting the technological advancements and achievements in India's space exploration journey. His presentation was well-received by the audience, sparking an engaging discussion among the attendees.

Event - 02: Book Locker: **Ms.G.Sivani Bharath**, II-AIDS student eloquently presented the key takeaways from **Man's Search for Meaning: The Classic Tribute to Hope from the Holocaust** by **Victor E.Frankl**. She emphasized the importance of hope and resilience in adversity. The session inspired the attendees to explore deeper philosophical perspectives on human endurance and meaning in life.

Event - 03: Reading Competitions:

Competition 01: Read-a-Thon: The Ultimate Reading Marathon

This competition tested participants' reading speed and comprehension. Students actively engaged in the marathon, showcasing their reading stamina and comprehension skills. It was coordinated by **Ms.N.Abarnaa Sree**, **Ms.K.Apsara**, **Ms.P.Sujitha** and **Ms.P.Pooja** from II – IT.

Competition 02: Read and Win: The Book Challenge

This challenge focused on reading comprehension and retention. Participants read a selected passage and answered questions based on the content. The competition saw a high level of enthusiasm, with students demonstrating their analytical and interpretative skills. It was coordinated by **Mr.M.Sanjeev Narayan** and **Mr.V.Hariprasath**, from II – CSE.

The event was a great success, encouraging students to read and explore new ideas. **Ms.S.Aathi Lakshmi**, II-ECE student, delivered the vote of thanks. The event was hosted by **Ms.J.Janani**, II-IT student and coordinated by **Mr.G.Esakki Athi Vishnu**, II-IT student, along with the active members of the Central Library Readers Park. Nearly **29 students** actively participated in the event. The event concluded at 05.00 p.m.



7.1.1.21 Innovative Library Events and Activities to Boost Student Engagement:

The Central Library Readers Park, in collaboration with the NDLI Club, successfully organized a Students' Insights lecture on **Innovative Library Events and Activities to Boost Student Engagement**, along with a Book Locker Session and Reading Competitions on 15th February 2025 at 02.00 p.m. in the Central Library.

The primary objective of the event was to cultivate reading habits, enhance intellectual engagement and encourage students to explore new and innovative ways to interact with library resources. The event received overwhelming participation from students across various departments.

The event commenced with a welcome address by **Mr.N.Mohan Kumar**, II-Mechanical student, followed by an introduction to the speakers by **Mr.J.Sanjay Narayanan**, II-Mechanical student.

Event - 01: Innovative Library Events and Activities to Boost Student Engagement: The first event presented an insightful lecture by **Ms.S.Aathi Lakshmi**, II-ECE student, who presented innovative methods to make library spaces more interactive, engaging and student friendly. She emphasized the importance of creative library events, including reading marathons, literary debates and interactive storytelling, as a means to encourage student participation. She also highlighted the role of technology, discussing how AR/VR, e-resources and gamification can enhance library experiences. Also, she suggested student centric activities such as book locker

sessions, discussion forums and content creation initiatives to foster intellectual engagement. Her presentation encouraged a lively discussion among the attendees, inspiring students to propose new ideas for future library events.

Event - 02: Book Locker Session: The second event was the Book Locker Session, presented by **Ms.S.S.Visalini**, II-AIDS student. She provided an engaging review of the book '**Focus on What Matters**' by **Darius Foroux**, emphasizing the importance of prioritization, time management and self-improvement strategies. She explained how the book's principles could be applied in academic and personal life to boost productivity. The session concluded with an interactive Q&A, where students shared their perspectives on the importance of mindful reading and self-discipline.

Event - 03: Reading Relay: The final event of the program was the Reading Relay, an exciting activity designed to improve reading skills, teamwork, and understanding. This event encouraged students to take part in a fun and interactive reading challenge, making reading a group activity rather than an individual one.

In the Reading Relay, students were divided into teams. Each team was given a passage to read one by one. Each student had one minute to read aloud before passing it to the next team member. The last reader in each team gave a short summary of the passage to check understanding.

After the relay, there was a Q&A session, where students shared their thoughts, lessons learned and experiences from the activity. The event helped students gain confidence in public speaking, work better in teams and improve their thinking skills, all while making reading more fun and engaging.

Winners of the Reading Relay: **Ms.V.Anusha** (2315063), II-IT, **Ms.R.Priyadharshini** (2317063), II-AIDS, **Ms.G.Sivani Bharath** (2317019), II-AIDS.

The event was coordinated by **Mr.V.Sanjay**, II-Mechanical student, and was a great success in motivating students to read and explore new ideas. The vote of thanks was delivered by **Mr.T.Vikram**, II-Mechanical student. The event was hosted by **Mr.S.Selvakumar**, II-Mechanical student, and coordinated by **Ms.S.Lalitha**, IV-CSE student, along with active members of the Central Library Readers Park. A total of 34 students actively participated in the event, which concluded at 5.00 p.m.





7.1.1.22 Awareness Programme on Navigating Digital Lib: Hands on Training on EBSCO&IEEE

The NEC Central Library Readers Park, in association with the NDLI Club, the EBSCO Information Services and the IEEE Xplore Digital Library, New Delhi, organized an Awareness Programme on ‘Navigating Digital Libraries: Hands on Training on EBSCO & IEEE’ on 19th February 2025 at the Assembly Hall. The event was exclusively for second year students across all departments.

The primary objective of this awareness programme was to provide hands-on training on effectively utilizing IEEE Xplore Digital Library. The session focused on:

- ✓ Understanding IEEE Xplore’s features, coverage and search capabilities
- ✓ Efficiently retrieving research materials
- ✓ Exploring IEEE’s various services and tools
- ✓ Learning remote access methods for IEEE Xplore

The programme aimed to enhance the students’ skills in navigating digital libraries, ensuring quick and effective utilization of these academic resources.

The event commenced with a Welcome Address by **Mr.V.Sanjay**, II – Mechanical student, who warmly greeted the dignitaries and participants. **Dr.B.Paramasivan**, Professor & Dean (SA&IR), presided over the event. This was followed by the Introduction of the Chief Guest by **Ms.P.S.Vasundhara**, II – IT student.

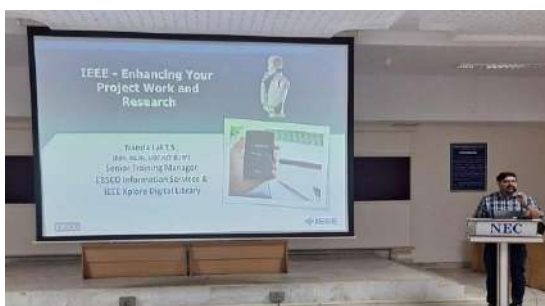
The Chief Guest Address was delivered by **Mr.T.S.Nanda Lal**, Senior Training Manager – South India, EBSCO Information Services & IEEE Xplore Digital Library, New Delhi. He provided valuable insights into IEEE Xplore, highlighting its:

- ✓ Access to millions of scholarly articles
- ✓ Identification of emerging research areas and trends
- ✓ Use of supplemental materials such as media files, algorithmic codes and datasets
- ✓ Exporting math equations and downloading high resolution figures
- ✓ Efficient research documentation and referencing
- ✓ Advanced search techniques beneficial for campus interviews and placements
- ✓ Utilization of the IEEE Author Center for publishing
- ✓ Session review followed by an interactive quiz

The training was structured into three sessions to accommodate all second year students:

Session	Starting Time	Departments	No. of Participants
Session - I	09.15 a.m.	II Year ECE & EEE	190
Session - II	10.30 a.m.	II Year CSE & IT	171
Session - III	11.45 a.m.	II Year AIDS, Mech. and Civil	188
		Faculty Members	14
Total No. of Participants			563

The event concluded with the Vote of Thanks, delivered by **Mr.G.Esakki Athi Vishnu**, II – IT student. The entire event was successfully organized by **Dr.K.Karunai Raghavan**, Librarian, along with the Active Central Library Readers Park members.



7.1.1.23 Gamification in Libraries: Encouraging Active Participation:

The Central Library Readers Park, in collaboration with the NDLI Club, organized an engaging and insightful event on **Gamification in Libraries: Encouraging Active Participation** on 22nd February 2025 at 2.00 p.m. in the Central Library.

The event was designed to cultivate a reading culture, promote intellectual discussions and encourage students to actively engage with library resources. A variety of interactive sessions were conducted, including a Students' Insights Lecture, a Book Locker Session and Reading Events. The event commenced with a welcome address by **Ms.V.Anusha** II -IT student, followed by an introduction to the speakers by **Ms.H.Haritha**, II – Civil student.

Event - 01: Gamification in Libraries: Encouraging Active Participation: The first session was an insightful lecture presented by **Ms.R.Jyotsna** and **Ms.K.Vishnupriya**, both II – Civil students. Their presentation focused on the concept of gamification in libraries, explaining how interactive and engaging techniques can encourage students to make better use of library resources. The speakers shared various innovative ideas, such as incorporating digital badges, quizzes and reward-based systems to enhance student participation. Their talk effectively demonstrated how gamification strategies can transform library visits into an exciting and productive learning experience.

Event - 02: Book Locker Session: The second session was the Book Locker Session, presented by **Ms.T.Swathika Viji**, II-Civil student. She introduced and reviewed the book **Atomic Habits: An Easy & Proven Way to Build Good Habits & Break Bad Ones** by **James Clear**. She explained the core principles of habit formation and shared valuable insights on how small, consistent changes can lead to significant personal growth. The discussion emphasized the importance of self-discipline, behavior change and habit tracking to achieve success. Students found this session incredibly useful as they could relate the book's teachings to their daily routines and academic goals.

Event - 03: 'TED' Talks: How Libraries Changed My Learning Experience: The final event of the day was the '**TED**' talk's session, where students shared personal stories about how libraries have positively influenced their learning journeys. The speakers for this session were **Ms.J.Harni**, **Ms.R.S.Sukantha** and **Ms.P.Sujitha**, all II-IT students.

- **Ms.J.Harni** introduced the concept of TED, explaining its significance in Technology, Entertainment and Design and how such talks inspire innovation and knowledge sharing.
- **Ms.R.S.Sukantha** spoke about the transformational impact of libraries in her academic growth, emphasizing how access to books and digital tools had enhanced her learning.
- **Ms.P.Sujitha** shared her experience of using the library as a quiet and resourceful study environment, helping her concentrate and improve her study habits.

The talks were insightful and inspiring, motivating other students to utilize the library more effectively. The session also encouraged discussions on the importance of reading habits and the role of libraries in lifelong learning.

The event was a grand success, with enthusiastic participation from students across various departments. It provided a platform for students to share knowledge, gain insights and develop a deeper appreciation for libraries.

The vote of thanks was given by **Ms.S.Abinaya**, II-AIDS student. The event was hosted by **Ms.J.Janani**, II -IT student, and coordinated by **Mr.V.Sanjay** and **Mr.N.Mohan Kumar**, both II-Mechanical students, along with active members of the Central Library Readers Park. A total of 30 students actively participated in the event, which concluded at 4.50 p.m.



7.1.1.24 AI and ML in Libraries: Personalizing Information Access:

The Central Library Readers Park, in association with the NDLI Club, organized an enriching and interactive lecture on **AI and ML in Libraries: Personalizing Information Access** on 01st March 2025 at 2.00 p.m. in the Central Library. The event aimed to foster a reading culture, promote intellectual discussions and encourage students to actively explore library resources through various engaging activities.

A series of engaging events were conducted, including a Students' Insights Lecture, a Book Locker Session and Reading Events.

The event commenced with a welcome address by **Ms.V.Anusha**, II-IT student, followed by an introduction to the speakers by **Ms.J.Janani**, II-IT student.

Event - 01: AI and ML in Libraries: Personalizing Information Access: The first session presented an enriching and interactive lecture by **Mr.R.Lordson Jabez**, II-IT student, who explored into the transformative role of Artificial Intelligence (AI) and Machine Learning (ML) in modern libraries. He highlighted AI-driven personalized recommendations that enhance user experience, smart library systems for efficient resource management, and the future of digital libraries powered by AI innovations. His presentation emphasized how AI and ML are reshaping information access, making it more intuitive, user-friendly and adaptive to readers' needs.

Event - 02: Book Locker Session: The second session, the Book Locker Session, was presented by **Mr.K.Jai Kaarthik**, II-Mechanical student, who delivered an insightful review of '**GRIT: The Power of Passion and Perseverance**' by **Angela Duckworth**. He discussed key lessons on perseverance, resilience and passion, shared real-life examples of individuals who achieved success through grit and explained how students can apply these principles to academics, career

and personal growth. His review resonated with the audience, inspiring them to cultivate persistence and determination in their personal and professional journey.

Event - 03: TED Talks & Connections: The Transformative Power of Libraries in Learning: The final session was an engaging TED Talks & Connections event, where students shared personal stories about how libraries have transformed their learning experiences.

- **Mr.A.P.Abinesh** (IV-ECE) introduced the concept of TED Talks, highlighting their significance in global knowledge-sharing and continuous learning.
- **Mr.G.Nattar** (IV-ECE) discussed the transformative role of libraries in students' academic journeys, emphasizing the impact of both digital and physical resources.
- **Mr.S.V.Muthu** (IV-ECE) shared a personal reflection on how the library has played a crucial role in his academic and professional development.

The TED Talks & Connections session was highly engaging, sparking deep discussions and inspiring students to explore the vast potential of libraries in lifelong learning.

The vote of thanks was given by **Mr.T.Vikram**, II-Mechanical student, hosted and coordinated by **Mr.V.Sanjay**, II-Mechanical students, along with active members of the Central Library Readers Park. A total of 41 students actively participated in the event. The event wrapped up successfully at 5.00 p.m, leaving students inspired and motivated to explore the evolving role of AI, ML and libraries in their academic pursuits.



7.1.1.25 User-Centered Library Design: Enhancing Accessibility & Inclusivity:

The Central Library Readers Park, in association with the NDLI Club, organized a lecture on **User-Centered Library Design: Enhancing Accessibility and Inclusivity** on 08th March 2025 at 03.30 p.m. in the Central Library. The event aimed to foster a deeper understanding of how libraries can be designed and structured to accommodate users of diverse backgrounds, ensuring greater accessibility and inclusivity. A series of engaging events were conducted a Students' Insights Lecture, a Book Locker Session and a Debates & Connections Event.

The event commenced with a welcome address delivered by **Mr.R.Lordson Jabez**, II – IT student, followed by an introduction to the speakers by **Ms.J.Harini**, II – IT student.

Event - 01: User-Centered Library Design: Enhancing Accessibility and Inclusivity: The first session presented an interactive lecture by **Ms.V.Anusha**, II - IT student, who delved into the concept of user-centered library design. She highlighted innovative strategies to enhance

accessibility, including assistive technologies, digital resources, ergonomic seating arrangements and inclusive reading materials tailored to different user groups. Her presentation emphasized the role of libraries in bridging the knowledge gap and fostering a culture of inclusivity for all individuals.

Event - 02: Book Locker Session: The second session, the Book Locker Session, was presented by **Ms.J.Janani**, II-IT student, who delivered an insightful review of '**The Incomplete Fear**' by **G.Gurusrinivas**. She explored the book's central themes, discussing its psychological depth, narrative style and impact on readers. The session encouraged students to explore literature that challenges perspectives and stimulates intellectual curiosity.

Event - 03: Debate & Connections: Unleashing the Transformative Power of Libraries in Learning: The final session was an engaging Debate & Connections event, where students shared personal stories about how libraries have transformed their learning experiences.

- **Mr.A.Palani Kumar** (IV-ECE): Spoke on the importance of digital archives and open-access repositories in modern education.
- **Mr.G.Nattar** (IV-ECE): Discussed how libraries have played a crucial role in development study and innovation.
- **Mr.G.Surya Prakash** (IV-ECE): Highlighted the role of libraries in developing critical thinking and analytical skills through extensive reading.

This session sparked dynamic conversations, providing students with an opportunity to exchange ideas and broaden their understanding of the evolving role of libraries in education.

The vote of thanks was given by **Ms.M.Shylaja**, II-IT student, hosted and coordinated by **Mr.G.Esakki Athi Vishnu**, II-IT students, along with active members of the Central Library Readers Park. A total of 31 students actively participated in the event. The event successfully reinforced the significance of user-centered library design and its impact on accessibility and inclusivity. The active participation of students contributed to an enriching discussion, making the event a memorable and impactful experience for all attendees.



7.1.1.26 Navigating Digital Libraries: An Insight into NDLI:

The Central Library Readers Park, in association with the NDLI Club, organized a lecture on **Navigating Digital Libraries: An Insight into NDLI** on 22nd March 2025 at 02.40 p.m. in the Central Library.

The primary objective of this event was to introduce students to the National Digital Library of India (NDLI) and explore how digital libraries can enhance academic research, accessibility and inclusivity. The session provided valuable insights into how students can effectively utilize NDLI's vast repository of educational resources.

A series of engaging activities were conducted as part of this event, including Students' Insights Lecture, Book Locker Session and Dumb Charades: Book Titles. The event commenced with a welcome address delivered by **Mr.S.P.M.Kani**, II-AIDS student, followed by an introduction to the speakers by **Mr.P.Manoj**, II-AIDS student.

Event - 01: Navigating Digital Libraries: An Insight into NDLI: The first session presented an interactive lecture by **Ms.J.Janani**, II-IT student, who elaborated on:

- The importance of NDLI and its role in providing a single-window platform for accessing multiple academic resources.
- Techniques to navigate NDLI effectively for research, assignments and project work.
- The variety of educational materials available on NDLI, including books, research papers, thesis reports and open educational resources.
- The impact of digital libraries on modern learning, ensuring inclusivity for students from diverse backgrounds.

Her session was highly engaging and students actively participated by asking questions and sharing their personal experiences of using digital resources for learning.

Event - 02: Book Locker Session: The second session was presented by **Ms.A.Harini**, II-IT student, who conducted a Book Locker Session presenting a review of the book **Mindset: The New Psychology of Success** by **Carol S.Dweck**.

During her talk, she explored:

- The concept of fixed vs. growth mindset and how adopting a growth mindset can lead to academic and professional success.
- Real-life examples and case studies from the book that illustrate the power of perseverance and learning from failures.
- The impact of mindset on students' learning abilities and how it can shape their approach to education, career and personal growth.

Her review was insightful, and students found it motivating and relevant to their academic journey.

Event - 03: Dumb Charades: Book Titles: The final session was an interactive Dumb Charades event where students participated in a fun yet intellectually stimulating activity focused on book titles.

- **Mr.S.Sivasankar**, II-AIDS student kick started the session by sharing his personal experiences on how libraries and books have transformed his learning process.
- Students formed groups and played Dumb Charades with book titles, where they had to act out the title while their teammates guessed.

- This session sparked enthusiasm, teamwork and creativity, making it an enjoyable and educational experience for all participants.

The event not only tested students' knowledge of books but also encouraged them to explore new titles and genres they hadn't considered before.

The vote of thanks was given by **Mr.S.Alaguraja**, II-AIDS student, hosted and coordinated by **Mr.K.Karthikeyan**, II-AIDS students, along with active members of the Central Library Readers Park. A total of 19 students actively participated in the event.



7.2 Central Library Readers Park – Office Bearers 2024-25

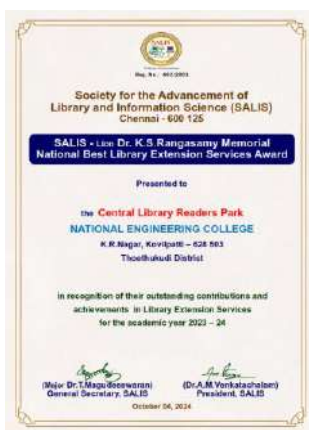
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Conveners	:	Dr.B.Paramasivan, Professor and Dean (SA & IR) Dr.S.Tamil Selvi, Professor and Head, Dept. of ECE
Coordinator	:	Dr.K.Karunai Raghavan, Librarian
Members – Staff	:	Mr.T.Rajan, Assistant Librarian
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Vice Presidents	:	Mr.K.Logesh, (2112002), IV-CSE Ms.N.Janavee, (2111126), IV-ECE Ms.C.S.Vetri Karthika, (2216030), III-Civil Ms.R.Keerthana, (2213028), III-EEE
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Reading Challenges and Incentives Team:	Ms.C.Sivaranjani, (2213035), III-EEE Ms.V.Prasitha, (2315014), II-IT Ms.A.Sathya, (2312049), II-CSE Ms.P.Pooja, (2315014), II-IT Ms.K.V.Jeevitha, (2316010), II-Civil
Inspirational Talks Team :	Ms.R.Devi Guru, (2313007), II-EEE Ms.M.Abinaya, (2310057), II-Mech. Ms.S.Aathi Lakshmi, (2311097), II-ECE Mr.I.M.Thanga Jaga Mathesh, (2310058), II-Mech Ms.V.Anusha, (2315063), II-IT Mr.K.Marishwaran, (2310055), II-Mech.
Membership and Outreach Team :	Ms.A.S.Jeya Shree, (2310037), II-Mech. Mr.M.Siva Subramanian, (2310046), II-Mech. Ms.M.Abinaya, (2315002), II-IT Ms.S.Sandhiya, (2311094), II-ECE
Volunteer Engagement Team :	Mr.E.Murugan, (2310044), II-Mech. Mr.M.Ramkumar, (2310051), II-Mech. Ms.V.Selva Haritha, (2316018), II-Civil Ms.K.Apsara, (2315010), II-IT

MoC Team	:	Ms.E.Ruba Shree, (2316016), II-Civil
		Mr.P.Palani Karthirvel, (2315050), II-IT
		Mr.R.Kesavan, (2315051), II-IT
		Ms.R.Abitha, (2313001), II-EEE
		Ms.M.Anushri, (2313003), II-EEE
Executive Members	:	Ms.M.Shibani,(2312087), II-CSE
		Mr.K.Esakkiraja, (2310048), II-Mech.
		Mr.A.Ramalingam, (2310056), II-Mech.
		Ms.S.R.Sanya, (2316017), II-Civil
		Ms.E.Abi, (2315045), II-IT
		Ms.T.Shrin Fathima, (2315026), II-IT
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		Ms.P.Sujitha, (2315018), II-IT
		Ms.J.Harni, (2315008), II-IT
		Mr.A.Balaji, (2311062), II-ECE
		Mr.S.Arumuga Nainar, (2311074), II-ECE
		Ms.S.Abinaya, (2317002), II-AIDS

8 Central Library Readers Park Awards & Achievements:

8.1 SALIS:Ln.Dr.K.S.Rangasamy MJF National Best Library Extension Services Award:



The Central Library Readers Park of National Engineering College received the ‘**SALIS - Ln.Dr.K.S.Rangasamy MJF National Best Library Extension Services Award**’ in recognition of its outstanding contributions and achievements in library extension services for the academic year 2023–24. The award was presented by the Society for the Advancement of Library and Information Science (SALIS), Chennai, during the SALIS 2024 National Conference held on 4th October 2024 at Nirmala College for Women, Coimbatore. **Dr.V.Bharathi Harishankar**, Vice-Chancellor, Avinashilingam University, Coimbatore, presented the award to **Dr.K.Karunai Raghavan**, Librarian and Coordinator of the Readers Park.

8.2 SALIS: Suresh Memorial Best Library User Award:



Mr.V.Sanjay, II-B.E. Mechanical Engineering student, received the **SALIS – Suresh Memorial Best Library User Award** (Student) for the year 2025.

He was presented the award by **Mrs.Ammu Jayaraj**, IRS, Deputy Commissioner of Income Tax, Chennai, and **Prof.Dr.T.Murugesan**, Vice Chancellor, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai, on 27th June 2025, in recognition of his outstanding dedication and exemplary use of library facilities and resources.

8.3 SALIS: Dr.S.R.Ranganathan Best Reader's Club Member Award:



Mr.G.Esakki Athi Vishnu and **Ms.J.Janani**, both II – I.T. students of National Engineering College, received the **SALIS: Dr.S.R.Ranganathan Best Reader's Club Member Award** (Student) for the year 2025. The awards were presented on 27th June 2025 by **Mrs.Ammu Jayaraj**, IRS, Deputy Commissioner of Income Tax, Chennai, and **Prof.Dr.T.Murugesan**, Vice-Chancellor, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai, in recognition of their outstanding contributions and active support in promoting Readers Park activities among students.



9. Support to the Students for Self e-Learning:

Even the brightest and most outstanding students may find self-learning to be challenging. Successful independent study requires students to develop essential skills and abilities to enhance their learning experience. Recognizing this need, the NEC Central Library has established a Quality Improvement Cell (QIC) under the guidelines of Anna University, Chennai. The QIC is designed to provide the necessary support, guidance, and resources to help users succeed in their self-learning journey.

9.1 Quality Improvement Cell (QIC):

Since 2014, the Quality Improvement Cell (QIC) at NEC Central Library has been actively supporting faculty members and students in accessing a wide range of educational resources to enhance both teaching and learning processes. This includes platforms such as SWAYAM-NPTEL (IIT Madras), Free and Open Source Software (FOSS) courses, Spoken Tutorial (IIT Bombay), and various other online learning programs. Through the initiatives of the QIC, faculty and students continuously upgrade their skills, expand their knowledge, and cultivate a strong academic culture focused on lifelong learning and excellence.

9.2 SWAYAM-NPTEL LOCAL CHAPTER (IIT Madras):

NPTEL, IIT Madras has been offering high-quality self-paced courses in Engineering, Science, and Humanities for over a decade. To extend the benefits of these courses, SWAYAM-NPTEL Local Chapters have been established in colleges across India.

At NEC, the Central Library took the lead in promoting this initiative by encouraging active participation from both students and faculty members. The SWAYAM-NPTEL Local Chapter at NEC is coordinated by **Dr. K. Karunai Raghavan**, Librarian, who serves as the **Single Point of Contact (SPOC)** for all related activities and communications with NPTEL, IIT Madras.

9.2.1 SWAYAM-NPTEL LOCAL CHAPTER Rating:

SWAYAM-NPTEL, IIT Madras has recognized our College as a valuable **NPTEL Local Chapter**, awarding it a prestigious **‘AA’ rating** based on its performance in the NPTEL Online Certification Courses during the July–December 2024 and January–June 2025 sessions.

[Ratings: AAA – Rank 1 to 20, AA – Rank 21 to 100, A – Rank 101 to 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 from IIT Madras for both sessions held on 08.02.2025 and 05.07.2025, in recognition of the college’s outstanding performance.

9.2.2 SWAYAM-NPTEL Course Exam Fee Reimbursements:

To encourage self-paced learning and certification through **SWAYAM-NPTEL**, a total reimbursement of ₹1,17,500/- was provided to 17 faculty members and 103 students who earned Gold Tag Certificates and achieved Topper status in NPTEL online certification courses during the **July–December 2024** and **January–June 2025** sessions. This initiative promotes continuous learning and supports professional development among both students and faculty members.

9.2.3 SWAYAM-NPTEL TOPPERS:

July – December 2024 Session: During the period from July to December 2024, faculty members and students actively enrolled in SWAYAM-NPTEL online courses to enhance their knowledge in their respective fields. A total of 9 faculty members and 64 students earned **Gold Tag** Certificates and achieved **Topper** status in the NPTEL online certification courses. Their achievements are listed below, along with photographs.

List of Faculty Members:

	Dr. M. Anna Poopathi AP / S&H Applied Numerical Methods 93% - Elite+Gold		Ms. M. Tamil Selvi Research Scholar / Civil Architectural Approaches to Decarbonization of Buildings 93% - 5% Topper
	Dr. S. Dheenathayalan AP (SG) / CSE Cloud Computing 90% - 2% Topper		Mr. M. Ashokpandiyan AP / Civil Design Thinking - A Primer 90% - Topper
	Ms. C. Dhanalakshimi AP / EEE Power System Protection and Switchgear 86% - 5% Topper		Dr. S. Sankara Kumar AP (SG) / EEE Advance Power Electronics and Control 82% - 5% Topper
	Ms. M. Tamil Selvi Research Scholar / Civil Introduction to Engineering Seismology 82% - 5% Topper		Dr. S. Kalaiselvi Asso. Prof. / CSE Business Analytics & Data Mining, Modeling using R part II 81% - 5% Topper
	Mr. K. Kumar AP / EEE Digital Circuits 76% - 5% Topper		

List of Students:

	R. Umesh III – B.Tech. -AIDS Introduction to Internet of Things 94% - 1% Topper		P. Deepa III – B.Tech. -AIDS Introduction to Internet of Things 93% - 1% Topper
	H. Vishal I – B.E. -EEE Technical English for Engineers 91% - 1% Topper		J. Dhariq Anvar I – B.E. -CSE Technical English for Engineers 91% - 1% Topper
	M. Abinaya II – B.E. -EEE Introduction to Internet of Things 91% - 2% Topper		R. Nithya Shree III – B.Tech. -AIDS Introduction to Internet of Things 91% - 2% Topper
	P.A. Shri Ram III – B.Tech. -AIDS Introduction to Internet of Things 90% - 5% Topper		G. Anusuya I – B.Tech. -AIDS Technical English for Engineers 90% - 1% Topper
	S. Sheik Meeran I – B.E. -ECE Technical English for Engineers 90% - 1% Topper		K. Tharun Sakthivel I – B.Tech. - IT Technical English for Engineers 88% - 2% Topper
	B. Aarthi I – B.E. - Civil Technical English for Engineers 88% - 2% Topper		K. Pakya Praveen II – B.E. - EEE Introduction to Internet of Things 88% - 5% Topper
	G. Kavitha III – B.E. - CSE Introduction to Internet of Things 88% - 5% Topper		S. Priyanka II – B.E. - CSE Cloud Computing 88% - 2% Topper
	C. Shanmugan II – B.E. - CSE Ethical Hacking 87% - 5% Topper		S. Darika I – B.Tech. - IT Technical English for Engineers 87% - 5% Topper

	<p>S. Packia Raj I – B.E. – ECE Technical English for Engineers 87% - 5% Topper</p>		<p>S. Gomathi Sankar I – B.E. - ECE Technical English for Engineers 87% - 5% Topper</p>
	<p>G. Sridhar Karthick I – B.E. - ECE Technical English for Engineers 87% - 5% Topper</p>		<p>M. Vasanth I – B.E. - ECE Technical English for Engineers 87% - 5% Topper</p>
	<p>S. Priya Darsini I – B.E. - ECE Technical English for Engineers 87% - 5% Topper</p>		<p>S. Raja Saranya I – B.E. - ECE Technical English for Engineers 86% - 5% Topper</p>
	<p>S. Lakshana I – B.E. - ECE Technical English for Engineers 86% - 5% Topper</p>		<p>S. Surya I – B.E. - EEE Technical English for Engineers 86% - 5% Topper</p>
	<p>D. Sridharshini I – B.E. - EEE Technical English for Engineers 86% - 5% Topper</p>		<p>S. Abdul Mufeed I – B.E. - CSE Technical English for Engineers 86% - 5% Topper</p>
	<p>R.R. Karthika I – B.E. - CSE Technical English for Engineers 86% - 5% Topper</p>		<p>C. Harini I – B.E. - CSE Technical English for Engineers 86% - 5% Topper</p>
	<p>G. Keerthana I – B.E. - CSE Technical English for Engineers 86% - 5% Topper</p>		<p>R. Loganath Karthick II – B.Tech. - AIDS Cloud Computing 86% - 5% Topper</p>
	<p>R. S. Lohesh III – B.E. - CSE Cloud Computing 86% - 5% Topper</p>		<p>M. Afsheen Manha III – B.Tech. - AIDS Cloud Computing 85% - 5% Topper</p>



R. Swathi
III – B.E. - CSE
Cloud Computing
85% - 5% Topper



S. Thangakumaran
IV – B.E. - ECE
Cloud Computing
85% - 5% Topper



J. Akshaya
I – B.Tech. - AIDS
Technical English for
Engineers
85% - 5% Topper



S. Harshini
I – B.E. - CSE
Technical English for
Engineers
85% - 5% Topper



R. Ishwarya
III – B.Tech. - IT
Introduction to Industry 4.0
industrial Internet of Things
85% - 2% Topper



D. Shri Kannan
III – B.E. - CSE
Introduction to Industry 4.0
industrial Internet of Things
85% - 2% Topper



V. Shrinithi
I – B.Tech. - AIDS
Technical English for
Engineers
84% - 5% Topper



A. Sri Mathi
I – B.Tech. - AIDS
Technical English for
Engineers
84% - 5% Topper



M. Sri Ajitha
I – B.Tech. - AIDS
Technical English for
Engineers
84% - 5% Topper



G. Balasubramanian
I – B.Tech. - IT
Technical English for
Engineers
84% - 5% Topper



N. Deepak Dharsan
I – B.E. - ECE
Technical English for
Engineers
84% - 5% Topper



M. Arun Bharathi
I – B.E. - ECE
Technical English for
Engineers
84% - 5% Topper



T. Harini Kasi
I – B.E. - CSE
Technical English for
Engineers
84% - 5% Topper



X. Reya Immaculate
I – B.E. - CSE
Technical English for
Engineers
84% - 5% Topper



A. Abijin Suvedha
II – B.Tech. - AIDS
Cloud Computing
84% - 5% Topper



S. Apshara
II – B.E. - CSE
Cloud Computing
84% - 5% Topper

	<p>M. Srimathimaran III – B.Tech. - AIDS Cloud Computing 84% - 5% Topper</p>		<p>B. Harish Rajesh I – B.Tech. – IT Introduction to Industry 4.0 and Industrial Internet of Things 84% - 2% Topper</p>
	<p>P. Priyan II – B.E. - EEE Introduction to Industry 4.0 and Industrial Internet of Things 83% - 5% Topper</p>		<p>A. Nithin Ivan III – B.E. – MECH. Automation in Production Systems and management 83% - 5% Topper</p>
	<p>M. Karunakaran III – B.E. – MECH. Automation in Production Systems and management 83% - 5% Topper</p>		<p>S. Karan III – B.E. - CSE Introduction to Industry 4.0 industrial Internet of Things 82% - 5% Topper</p>
	<p>V. Mithun Moorthy III – B.E. - CSE Introduction to Industry 4.0 industrial Internet of Things 82% - 5% Topper</p>		<p>R. Vishwa III – B.Tech. - IT Introduction to Industry 4.0 industrial Internet of Things 80% - 5% Topper</p>
	<p>S. Thangakumaran IV – B.E. - ECE Programming in Java 79% - 2% Topper</p>		<p>K. Fathima Rasheeqa III – B.Tech. - IT Cyber Security and Privacy 77% - 2% Topper</p>
	<p>S. Nivetha III – B.Tech. - AIDS E-Business 76% - 2% Topper</p>		<p>R. Sahana III – B.Tech. – AIDS E-Business 75% - 5% Topper</p>
	<p>V. Vincy Jeba Alexa III – B.Tech. - AIDS E-Business 75% - 5% Topper</p>		<p>R. Sriram III – B.Tech. - AIDS E-Business 75% - 5% Topper</p>
	<p>A. S. Dhanyavarthini III – B.Tech. - AIDS E-Business 75% - 5% Topper</p>		<p>J. Jaya Priya III – B.Tech. - AIDS E-Business 73% - 5% Topper</p>

January – June 2025 Session: During the period from January to June 2025, faculty members and students actively enrolled in SWAYAM-NPTEL online courses to enhance their knowledge in their respective fields. A total of 8 faculty members and 39 students earned Gold Tag Certificates and achieved Topper status in the NPTEL online certification courses. Their achievements are listed below, along with photographs.

List of Faculty Members:

	<p>Ms. C. Kaliswari AP / ECE Microprocessors and Interfacing 94% - 1% Topper</p>		<p>Ms. H. Ummu Sabura AP / IT Introduction to Internet of Things 94% - 2% Topper</p>
	<p>Ms. K. Amsaveni AP / CSE Introduction to Internet of Things 92% - 5% Topper</p>		<p>Mr. M. Sathishkumar AP (SG) / ECE Effective Engineering Teaching In Practice 92% - Elite + Gold</p>
	<p>Dr. K. Latha AP / S&H Refugee, Migration, Diaspora 91% - Elite + Gold</p>		<p>Mr. M. Sivapalanirajan AP (SG) / EEE Advanced Robotics Applications 90% - 1% Topper</p>
	<p>Mr.S. Malathi AP / ECE Principles of Signals and Systems 90% - 2% Topper</p>		<p>Ms. R. Suguna AP / IT Predictive Analytics - Regression and Classification 81% - Topper</p>
	<p>Ms. C. Kaliswari AP / ECE CMOS Digital VLSI Design 76% - 5% Topper</p>		

List of Students:

 <p>S. Nivetha III – B.Tech. - AIDS Business Ethics 93% - 1% Topper</p>	 <p>G. Megha II – B.Tech. - IT Introduction to Internet of Things 91% - 5% Topper</p>
 <p>R. Babitha II – B.Tech. - AIDS Introduction to Internet of Things 91% - 5% Topper</p>	 <p>S. Priya Darsini I – B.E. - ECE Introduction to Internet of Things 91% - 5% Topper</p>
 <p>A. Monisa I - B.E. - ECE Introduction to Internet of Things 91% - 5% Topper</p>	 <p>M. Nagamuthu I - B.E. - ECE Introduction to Internet of Things 91% - 5% Topper</p>
 <p>G. Sridhar Karthick I - B.E. - ECE Introduction to Internet of Things 91% - 5% Topper</p>	 <p>S. Kanaga Pradeepa I - B.E. - ECE Introduction to Internet of Things 91% - 5% Topper</p>
 <p>S. Raja Saranya I - B.E. - ECE Introduction to Internet of Things 91% - 5% Topper</p>	 <p>T. Durga II - B.E. - ECE Smart Grid : Basics to Advanced Technologies 90% - 1% Topper</p>
 <p>A. Praveen Sam II - B.E. - ECE Smart Grid : Basics to Advanced Technologies 90% - 1% Topper</p>	 <p>W. Jeremiah Sampitch III - B.E. - CSE Introduction to Industry 4.0 & Industrial Internet of Things 90% - 2% Topper</p>
 <p>R. Nithya Shree III - B.Tech. - AIDS Introduction to Industry 4.0 & Industrial Internet of Things 90% - 2% Topper</p>	 <p>R. S. Pulan Naresh Kumar III - B.Tech. - AIDS Introduction to Industry 4.0 & Industrial Internet of Things 90% - 2% Topper</p>
 <p>B. Akshaya II - B.Tech. - AIDS Introduction to Industry 4.0 & Industrial Internet of Things 90% - 2% Topper</p>	 <p>Abraham I - B.E., - CIVIL Employment Communication a Lab based Course 90% - 2% Topper</p>

	K. Tharun Sakthivel I - B.Tech. - IT Employment Communication a Lab based Course 90% - 2% Topper		M. Shriya III - B.Tech. - AIDS Business Ethics 90% - 5% Topper
	K. Swathi II - B.E. - ECE Introduction to Internet of Things 90% - Elite + Gold		S. Mani Kandan I - B.E. - ECE Introduction to Internet of Things 90% - Elite + Gold
	C. Harini I - B.E. - CSE The Joy of Computing using Python 88% - 2% Topper		S. Ramya II - B.E. - ECE Introduction to Industry 4.0 & Industrial Internet of Things 88% - 5% Topper
	A. N. Harish Ram II - B.Tech. - AIDS Introduction to Industry 4.0 & Industrial Internet of Things 88% - 5% Topper		B. Backia lakshmi II - B.Tech. - AIDS Introduction to Industry 4.0 & Industrial Internet of Things 88% - 5% Topper
	P. Jeyasathya II - B.Tech. - AIDS Introduction to Industry 4.0 & Industrial Internet of Things 88% - 5% Topper		M. Priyadharshini I - B.Tech. - IT Employment Communication a Lab Based Course 88% - 5% Topper
	A. Sweety Frost I - B.Tech. - AIDS Employment Communication a Lab Based Course 88% - 5% Topper		S. Kathiravan III - B.Tech, - AIDS Introduction to Industry 4.0 & Industrial Internet of Things 87% - 5% Topper
	I. Sakthi Subaraj II - B.E. - ECE Smart Grid : Basics to Advanced Technologies 87% - 5% Topper		K. Muthumari II - B.E. - ECE Smart Grid : Basics to Advanced Technologies 87% - 5% Topper
	J. Jasper Jerin II - B.E. - ECE Smart Grid : Basics to Advanced Technologies 86% - 5% Topper		M. Janani II - B.E. - ECE Smart Grid : Basics to Advanced Technologies 86% - 5% Topper

	V. Padmavathi II - B.E. - ECE Smart Grid : Basics to Advanced Technologies 86% - 5% Topper		K.V. Jeevitha II - B.E. - CIVIL Plastic Waste Management 86% - 5% Topper
	R. Jyotsna II - B.E. - CIVIL Plastic Waste Management 86% - 5% Topper		J. Angella Rebecca CSE – Research Scholar (PT) Predictive Analytics – Regression and Classification 86% - Topper
	W. Jeremiah Sampitch III - B.E. - CSE Enhancing Soft Skills and Personality 85% - 5% Topper		M. Jeevika I – B.E. - EEE The Joy of Computing using Python 83% - 5% Topper
	M. Maha Manisha II – B.E. - CSE Privacy and Security in Online Social Media 81% - 5% Topper		C. Jamuna Rani II – B.E. - CSE Privacy and Security in Online Social Media 80% - 5% Topper

9.2.4 SWAYAM-NPTEL RESULTS (Dept. wise):

July – December 2024: During this period, a total of 1,735 students and 71 staff members appeared for SWAYAM-NPTEL courses across all departments, with 1,619 certified, achieving an impressive overall pass percentage of 90%. NEC also secured an **All India Rating of 'AA'** for its outstanding performance.

Sl. No.	Dept.	Appeared		Just Completed	Elite	Elite + Silver	Elite + Gold	Top pers	Certi fied	Pass %
		Students	Staff							
1	C.S.E.	408	10	85	180	123	1	11	389	93%
2	S & H	393	24	29	184	189	5	30	407	98%
3	E.C.E.	198	7	36	84	55	0	2	175	85%
4	AIDS	181	4	26	79	67	4	14	176	95%
5	E.E.E.	170	11	34	91	41	1	6	167	92%
6	Civil	157	8	27	61	32	2	3	122	74%
7	IT	138	6	21	52	41	0	4	114	79%
8	Mechanical	90	1	31	31	7	0	2	69	76%
Total		1735	71	289	762	555	13	72	1619	90%

January – June 2025: During this period, a total of 1,600 students and 67 staff members appeared for SWAYAM-NPTEL courses across all departments, with 1,503 certified, achieving an impressive overall pass percentage of 90%. NEC also secured an **All India Rating of 'AA'** for its outstanding performance.

Sl. No.	Dept.	Appeared		Just Completed	Elite	Elite + Silver	Elite + Gold	Top pers	Certified	Pass %
		Students	Staff							
1	S & H	459	17	98	203	135	10	12	446	94%
2	AIDS	310	3	32	112	148	6	10	298	95%
3	E.C.E.	231	14	35	87	89	6	11	217	89%
4	C.S.E	195	13	34	82	77	2	6	195	94%
5	Civil	147	3	31	61	19	0	2	111	74%
6	I.T	113	10	21	56	31	2	3	110	89%
7	E.E.E.	72	5	19	34	8	1	1	62	81%
8	MECH.	73	2	12	44	8	0	0	64	85%
Total		1600	67	282	679	515	27	45	1503	90%

9.2.5 SWAYAM-NPTEL STARS:

NEC SWAYAM-NPTEL STARS are a group of committed and high-performing students and faculty members who have demonstrated exceptional dedication to online learning through the SWAYAM-NPTEL platform. Their achievements reflect NEC's strong commitment to fostering continuous learning and academic excellence through national-level initiatives.

Based on their consistent performance and participation across multiple semesters, learners were recognized under the following categories:

- ✓ **NPTEL Discipline Stars:** A total of **73 achievers** (comprising **62 students** and **11 faculty members**) were honored as Discipline Stars for completing **more than 50 weeks of learning** in a **single discipline**, while securing a **minimum score of 55** in each course. This remarkable feat showcases their focused dedication and depth of learning in a chosen field.
- ✓ **NPTEL Enthusiasts:** **Two learners** (1 student and 1 faculty member) earned this recognition by **appearing for 8 or more NPTEL exams** over the last **four consecutive semesters** and successfully **passing at least 75%** of them. This category highlights consistent engagement with a wide range of topics and sustained motivation.

- ✓ **NPTEL Believers:** In this category, **two students** demonstrated perseverance by **earning certifications in at least four out of the 4 to 6 exams** they had taken. Their performance reflects belief in the value of continuous skill enhancement and academic self-discipline.
- ✓ **NPTEL Motivated Learners:** A total of **45 learners** (including **44 students** and **1 faculty member**) qualified for this award by **passing at least 75% of their NPTEL exams** and **attending at least one exam in each of the last four semesters**. This category represents learners who have shown consistent academic enthusiasm and resilience over time.

In total, **122 learners** - comprising **109 students** and **13 faculty members** from various departments - were recognized under these prestigious categories. Their achievements not only reflect individual excellence but also underline NEC's thriving culture of **lifelong learning, academic rigor**, and active participation in **national-level online Courses**.

Sl. No.	Dept.	Discipline Stars		Enthusiasts Stars		Believers		Motivated Learners		Total	
		Students	Staff	Students	Staff	Students	Staff	Students	Staff	Students	Staff
1	S & H	0	1	0	0	0	0	0	0	0	1
2	AIDS	20	0	1	0	2	0	35	0	58	0
3	E.C.E.	1	3	0	0	0	0	0	0	1	3
4	C.S.E.	40	0	0	0	0	0	8	0	48	0
5	Civil	0	3	0	0	0	0	0	0	0	3
6	I.T.	0	0	0	0	0	0	1	0	1	0
7	E.E.E.	1	2	0	1	0	0	0	1	1	4
8	MECH.	0	2	0	0	0	0	0	0	0	2
Total		62	11	1	1	2	0	44	1	109	13

9.3 FOSS Courses, Spoken Tutorial, IIT Bombay:

As part of the national initiative by NMEICT, MHRD, Government of India, NEC, through its Central Library, organized a series of FOSS (Free and Open Source Software) workshops under the Spoken Tutorial Project, IIT Bombay during July 2024 to June 2025. Coordinated by **Dr.K.Karunai Raghavan**, Librarian, and supported by faculty organizers across departments, these workshops empowered students with hands-on training in various open-source tools, promoting skill development and digital empowerment.

9.3.1 FOSS Workshops / Training:

NEC Central Library organized various FOSS (Free and Open Source Software) workshops and training programmes offered by the Spoken Tutorial, IIT Bombay, during the period July 2024 to June 2025, funded by NMEICT, MHRD, Government of India, and coordinated by **Dr.K.Karunai Raghavan**, Librarian.

- ✓ **Dr.S.Chidambaram**, Associate Professor / IT, organized a FOSS Workshop on ‘**Advanced C++**’ held on 20th January 2025. Nearly 65 students actively participated and benefited from this hands-on training, which emphasized real-time problem-solving using advanced features of Advanced C++.
- ✓ **Mr.S.Cammillus**, Assistant Professor (SG) / ECE, organized a FOSS Workshop on ‘**C++**’ held on 21st January 2025. Around 81 students participated in the session, which covered the fundamentals of object-oriented programming and provided practical exposure to writing efficient C++ programs.
- ✓ **Mr.K.Rajkumar**, Assistant Professor (SG) / CSE, organized a FOSS Workshop on ‘**JAVA**’ held on 22nd January 2025. The session focused on the core concepts of Java programming, including classes, objects, inheritance, and exception handling. Approximately 94 students took part in the workshop and engaged in practical exercises.
- ✓ **Dr.I.Vivek Anand**, Assistant Professor (SG) / ECE, organized a FOSS Workshop on ‘**Linux**’ held on 23rd January 2025. The workshop introduced students to the basics of the Linux operating system, shell commands, and scripting. Nearly 39 students participated and gained hands-on experience in navigating and using Linux for academic and development purposes.
- ✓ **Ms.N.Gowthami**, Assistant Professor / IT, organized a FOSS Workshop on ‘**PHP & MySQL**’ held on 24th January 2025. The session focused on developing dynamic web applications using PHP and managing databases using MySQL. Nearly 49 students participated and actively engaged in building simple web forms and connecting them to databases.
- ✓ **Ms.M.Balamaheswari**, Assistant Professor / Civil, organized a FOSS Workshop on ‘**Blender**’ held on 27th January 2025. The workshop introduced basic 3D design concepts, modeling, and rendering techniques. Around 51 students participated in this creative session and learned how to design and animate simple 3D objects.
- ✓ **Dr.K.Subramanian**, Assistant Professor (SG) / ECE, organized a FOSS Workshop on ‘**Arduino**’ held on 28th January 2025. The workshop covered the fundamentals of Arduino boards, sensors, and coding using the Arduino IDE. Nearly 37 students participated and worked on basic electronic circuit projects, enhancing their practical skills in embedded systems.

- ✓ **Dr.S.Dheenathayalan**, Assistant Professor (SG) / CSE, organized a FOSS Workshop on ‘**Python 3.4.3**’ held on 29th January 2025. The session covered Python basics, data structures, and simple programs. Approximately 100 students benefited from this hands-on workshop, which emphasized writing and executing Python scripts effectively.
- ✓ **Dr.F.Michael Thomas Rex**, Associate Professor / Mechanical, organized a FOSS Workshop on ‘**QCAD**’ held on 30th January 2025. The session introduced drafting techniques, drawing tools, and layer management. About 64 students participated and gained practical experience in technical drawing using open-source software.

9.3.2 FOSS Assessment Test (Online):

As part of the Spoken Tutorial initiative by IIT Bombay, Free and Open Source Software (FOSS) online assessment tests were conducted during July 2024 to June 2025. A total of 955 students appeared for various FOSS course exams, out of which 944 students were certified. The tests were invigilated by faculty members across departments, ensuring smooth coordination and successful participation. This initiative reflects NEC's commitment to enhancing practical knowledge and certification in open-source technologies from IIT Bombay.

Sl. No.	Name of the FOSS Course	Date of Exam	Name of the Invigilator	No. of Students Appeared	No. of Students Certified
1	Advanced C++	24.03.2025	Mr.K.Rajkumar, AP (SG) / CSE	142	138
2	C++	25.03.2025	Dr.S.Dheenathayalan, AP (SG) / CSE	141	140
3	JAVA	26.03.2025	Ms.N.Gowthami, AP/IT	171	168
4	Linux	27.03.2025	Mr.S.Cammillus, AP (SG) / ECE	138	136
5	PHP & MySQL	28.03.2025	Dr.S.Chidambaram, Asso. Prof. / IT	65	65
6	Blender	01.04.2025	Dr.K.Karunai Raghavan, Librarian	60	60
7	Arduino	02.04.2025	Dr.I.Vivek Anand, AP (SG) / ECE	72	72
8	Python 3.4.3	03.04.2025	Dr.K.Subramanian, AP (SG) / ECE	99	98
9	QCAD	04.04.2025	Dr.K.Karunai Raghavan, Librarian	67	67
Total				955	944

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