

# Central Library Bulletin

ACADEMIC YEAR 2020 – 2021



## NATIONAL ENGINEERING COLLEGE

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

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

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



# NEC Central Library Bulletin

- Academic Year 2020 - 2021

## CENTRAL LIBRARY READERS PARK

### VISION

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

### MISSION

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

# Central Library Bulletin

Academic Year 2020 - 2021



*Compiled by*

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## National Engineering College

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

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

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## *From the Correspondent's desk*

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



I am happy to see the fifth issue of the **Central Library Bulletin** which publishes the students' achievements.

NEC focuses on making Great Engineers to the society by imparting ethical values, quality education and good personality with intense knowledge in technical and technological entities. In that stand, Central Library constantly provides a vivid platform to the students to share and gain skills and knowledge in both moral and professional aspects. Reading makes a man wise... and Readers Park continuously encourages reading as a regular habit among the students who are all engineers of tomorrow.

I heartily bless good wishes to all the members of **Readers Park** and **Central Library** for their intensive effort on the release of the **5<sup>th</sup> Central Library Bulletin**.

- Correspondent





## 1. National Engineering College (NEC)

NEC, the most prominent landmark of Kovilpatti, has been the crowning glory of this Matchless City of Matches. Its celebrated 'Son of the Soil' Kalvithanthai Thiru.K.Ramasamy who transformed the entire social and cultural scenario in and around this small town by wielding the magical wand of social commitment and munificence. And our foresighted philanthropist transformed a strip of barren land into a magnificent academic complex that has been consistently producing infallible engineers of high competence right from the day of its inception in 1984, duly sanctioned under the self-financing scheme under the Government of Tamil Nadu. During the past thirty-eight years, the college has grown and expanded in a phenomenal way.

NEC offers a wide variety of high-quality education and training opportunities for every student, awarding qualifications through the highly reputed Anna University. The college offers six undergraduate and five postgraduate programs in a wide range of disciplines. NEC is sprawled in a lush green campus, with an alluring backdrop of an enchanting hillock, in NH7 between Madurai and Tirunelveli. The institute provides an excellent locale for academic pursuits in South Tamil Nadu.

## 2. Central Library

Central Library acts as a knowledge hub for the academic activities of our Institution with a mission to provide a knowledge gateway to the user community with state-of-the-art technologies. Web-based Library Integrated Automation facilitates has fully automated library system and services including e-Gate, Circulation, web OPAC etc.

The Central Library provides excellent library facilities for all the students and faculty members, such as sufficient books, proper seating and reading facility, proper classification and arrangement of books, an attractive fully air-conditioned modern separate Library building with high-speed wi-fi connectivity etc.

Open Access System is followed. In addition to the well-stocked departmental Library, each department has its Library to facilitate easy access for the Faculty, Students & Research Scholars.

The Central Library is kept open throughout the year except for Government Holidays (Weekdays 08.30 a.m. to 07.30 p.m. and Sundays 09.30 a.m. to 01.00 p.m.)

Sufficient numbers of systems are available in the e-Library section with Internet access facility to access the e-resources. Users can access it for educational, research and development purposes. Non-book materials such as CDs, DVDs, textbook tutorial CDs and periodical's CDs are also kept in the Library.

### 2.1 About Central Library

- **Book stocking section** has the collection of text and reference books as prescribed in the syllabus and also relevant books.
- In the **periodical section**, peer reviewed National Journals and Technical Magazines are available and are kept in printed form.
- The **circulation section** is fully computerized bar-coded circulation service (Issue, Return and Renewal of Library documents).

- **Reference section** has Reference books, Dictionaries, Encyclopedias, Directories, Exam Guides, Standards, Manuals, Handbooks, Proceedings and collection of University & Autonomous question paper booklets.
- Back issue of journal are bounded every year and kept in **back volume section** for reference purpose. Back volumes can also be borrowed by the users.
- **Web OPAC** (Web Online Public Access Catalogue) facilitates online search queries related to availability of library resources viz. Books, Journals, CD/DVDs, Back volumes and project reports.
- An **A.V.Hall** (Audio & Video Section) for organizing NPTEL programme, Spoken Tutorial Workshops, Seminars, Conference & Viva Voce exams.
- **Reprography** and **printing facilities** are provided to the 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 avail six books at a time. The books are issued for a period of one semester and to be returned at the end of the semester.

## 2.2 Library Collections (as on 31.05.2021)

Library Collections	Titles	Volumes
Book	24479	61608
Reference Books	1004	1077
Book Bank Books	718	3319
Student's Projects (Since 2004)		5362
Back Volumes (Since 1993)		3476
Book's & Periodical's CDs		3317
Dailies		20
<b>Periodicals:</b>		
National Journals		73
International Online Journals		538
Technical Magazines		41
<b>E – Resources:</b>		
E - Journals	Science Direct (Elsevier)	376
	IEEE (ASPP)	162
E – Books	Open Source e-Books	2143
<b>Institutional Membership</b>		
DELNET ((Developing Library Network)		
NDLI Club (National Digital Library of India Club)		
<b>Online Self- Learning Courses</b>		
SWAYAM – NPTEL, IITM, Chennai		
FOSS Courses, Spoken Tutorial, IIT Bombay		
Coursera		
<b>Question Bank (Since 2002 - Anna University &amp; Since 2011 - Autonomous)</b>		

### 3. E - Learning Management System (e-LMS)

‘e-Learning encompasses research, learning and teaching in the digital environment’, where students have access to courses offered online with instruction and course materials, instructors notes, course topics, and discussion forums etc.

e-LMS customizes the content for NPTEL Videos and our College contents such as e-journals, e-books and e-question banks etc.

- ✓ NPTEL videos can be accessed through a web interface from Library without connecting to internet and also contains a HTTP video streaming facility.
- ✓ It also provides federated search in Science Direct (Elsevier) and IEEE (ASPP) online journals, e-books, e-question banks etc. [URL: <https://nec.edu.in/e-learning/>]
- ✓ In addition to that, e-LMS offers the facility for NPTEL GATE materials in ECE & CSE.

#### 3.1 E - Library

Sufficient numbers of systems are available in the e-Library with internet access facility to access the e-resources. Users can access for educational, research and development purposes. Non-book materials such as CDs, DVDs, text books and periodical's CDs are also kept in the Library.

#### 3.2 E - Resources

The Central Library subscribes to the **Science Direct (Elsevier)** - Engineering and Computer Science Online Journals, **IEEE (ASPP)** Core Collection of Engineering, Electronics and Computer Science online journals.

##### 3.2.1 Science Direct (Elsevier)

- Elsevier AICTE package covered 376 Engineering and Computer Science Online journals articles + back files access from 2000 onwards through <https://www.sciencedirect.com/browse/journals-and-books>
- Online access to the content of Science Direct platform via our institution's IP addresses and remote access using User ID and Password
- Science Direct (Elsevier) online journals subscribed from 2012 to till date.

##### **How to Remote Access Science Direct (Elsevier) Anywhere and Anytime?**

Step - 1: Open the Science Direct [www.sciencedirect.com](http://www.sciencedirect.com)

Step - 2: Scroll to the bottom of the page and click on Remote access

Step - 3: Enter our College e-mail ID & click on Continue. A confirmation email will be sent

Step - 4: Open the email and click the link to activate your remote access

Step - 5: Now you are ready to access Science Direct from any device from anywhere

Step - 6: Just open [www.sciencedirect.com](http://www.sciencedirect.com) and sign in with your e-mail address and password

##### 3.2.2 IEEE (ASPP):

- IEEE Xplore digital library provides online access to the IEEE core collection of engineering, electronics and computer science periodicals. <https://ieeexplore.ieee.org>
- Online access via our institution's IP addresses and remote access using User ID and Password.

- 162 online IEEE Society – Sponsored Journals, Magazines and Transactions.
- A back file from 2005 onwards. Fast, custom search interface with facets, save searches, e-mail alerts, RSS feeds and more.
- IEEE ASPP online journals subscribed from 2009 to till date

### **How to Remote Access IEEE Xplore Anywhere and Anytime?**

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

Step - 2: Click the institutional sign in and select sign in with username and password

Step - 3: Use the below Username and Password

Username: **ONYo0m0V**

Password: **6NFLVg1u**

## **4. Institutional Memberships:**

### **4.1 DELNET (Developing Library Network)**

- The Institutional member of DELNET, New Delhi. URL: <http://www.delnet.in/>
- DELNET is offering Inter Library Loan & Document Delivery Services to its member Libraries. Any type of library material, irrespective of format, which is needed by a member Library of DELNET for reference, information, recreation, study, research, and instruction, can be borrowed from another member Library of DELNET.
- The lending library will determine whether the material can be provided by keeping in view of regulations or restrictions.
- DELNET Institutional Membership from 2004 to till date

### **4.2 NDLI ( National Digital Library of India)**

- National Digital Library of India (NDLI) is a virtual repository of learning resources. This is not just a repository with searching / browsing facilities, it also provides a host of services for the learner community.
- NDL India is designed to hold the content of any language. It is being arranged to provide support for all academic levels including researchers and lifelong learners of all disciplines, all popular form of access devices at <https://ndl.iitkgp.ac.in/>
- It is sponsored and mentored by Ministry of Education, Government of India, through NMEICT. And it is developed, operated and maintained by the Indian Institute of Technology, Kharagpur.

### **NDLI Club (National Digital Library of India Club):**

- NDLI Club is a platform for conducting learning oriented events, both online and offline, for students of an institute using the contents of NDLI and experts to deliver talks or conduct sessions.

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## 5. Organized International Virtual Conference:

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National Engineering College Central Library and Society for the Advancement of Library and Information Science (SALIS) jointly organized a three days International Virtual Conference on **Challenges and Opportunities to Libraries and LIS Professionals in the Changing Global Scenario (SALIS 2020)** in collaboration with premier institutions in Tamil Nadu including Karunya Institute of Technology and Sciences, Coimbatore, BSAR Crescent Institute of Science & Technology, Chennai, Coimbatore Institute of Technology, Coimbatore, K.S.Rangasamy College of Technology, Tiruchengode, Thiagarajar College of Engineering, Madurai, Alagappa University, Karaikudi, Indian Institute of Management Tiruchirappalli and Bharathiar University, Coimbatore during 28<sup>th</sup> December 2020 to 30<sup>th</sup> December 2020.

The hybrid mode of the conference was hosted at Coimbatore Institute of Technology, Coimbatore through Cisco Webex. More than 200 participants from all over the world had attended the conference virtually.

### Inaugural Function

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The inaugural function was started on the morning of 28<sup>th</sup> December 2020 with the prayer song followed by online welcome address by **Dr.A.Hariharan**, Founder President, SALIS from USA. **Dr.S.Swaminathan**, Librarian, SRKVCE, Coimbatore and Advisor of SALIS explained the '**Role of SALIS in Professional Development and Activities**'. **Dr.M.Mandhirasalam**, Advisor, SALIS and Librarian & Dean (ARRA), Coimbatore Institute of Technology, Coimbatore reported the overview of SALIS 2020 International Virtual Conference. The Presidential Address was given by **Dr.K.Elavazhagan**, President, SALIS & Librarian and Chief Knowledge Officer, Indian Institute of Management Tiruchirappalli.

**Dr.S.Thanuskodi**, Professor and Head, Department of LIS, Alagappa University, Karaikudi introduced the Chief Guest of the inaugural function. The inaugural address was delivered by Distinguished Scientist **Padmashri Dr.Mylswamy Annadurai**, Vice President, Tamil Nadu State Council for Science and Technology, Chairman, Board of Governors, National Design and Research Forum and Director (Retired), ISRO, Bangalore.

**Dr.V.Selladurai**, Principal, Coimbatore Institute of Technology, Coimbatore released the conference souvenir and proceedings and **Dr.R.Gopalakrishnan**, Principal, K.S.Rangasamy College of Technology, Tiruchengode received the first copy. **Dr.R.Sarangapani**, University Librarian and Head i/c, Department of LIS, Bharathiar University, Coimbatore introduced the Keynote Speaker. **Dr.Kendra Albright**, Goodyear Endowed Professor, Knowledge Management, School of Information, Kent State University, Kent, OH, US delivered the keynote address. **Dr.A.Sokkalingam**, Librarian, SRMV Polytechnic, Coimbatore introduced the felicitation speakers. **Dr.V.Selladurai**, Principal, Coimbatore Institute of Technology, Coimbatore and **Dr.R.Gopalakrishnan**, Principal, K.S.Rangasamy College of Technology, Tiruchengode delivered the felicitation addresses.

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**Dr.K.Karunai Raghavan**, General Secretary of SALIS and Librarian, National Engineering College, Kovilpatti proposed the vote of thanks.



#### Technical Supports:

The technical sessions were held under the guidance of the Conference Directors **Dr.M.Mandhirasalam**, Librarian & Dean (ARRA), Coimbatore Institute of Technology, Coimbatore, **Dr.A.M.Venkatachalam**, Director (Libraries) - KSREI & Librarian, K.S.Rangasamy College of Technology, Tiruchengode, **Dr.K.Karunai Raghavan**, Librarian, National Engineering College, Kovilpatti and Associate Conference Directors **Dr.K.Indumathi**, Librarian, Anna Adarsh College for Women, Chennai, **Dr.Anup Kumar Das**, Jawaharlal Nehru University, New Delhi, **Dr.T.R.Sridevi**, Librarian, RV College of Engineering, Bangalore and **Dr.Ch.Narayana Reddy**, Librarian, SVGSDC, Nellore.

**Capt.Dr.T.Magudeeswaran**, Librarian, Chikkaiah Naicker College, Erode acted as a Rapporteur General. **Mr.S.Manikandan**, Librarian and Information Assistant Gr.-I, Anna Centenary Library, Chennai, **Dr.K.Ramasamy**, College Librarian, MVM Government Arts College for Women, Dindigul and **Mr.O.Seshaiah**, Librarian, PBR VITS, Kavali, Andhra Pradesh acted as Associate Rapporteur Generals. **Mr.J.Arumugam**, Librarian, PSG College of Technology, Coimbatore, **Mr.A.Thangadurai**, Assistant Professor, Department of EIE, K.S.Rangasamy College of Technology, Tiruchengode and **Dr.A.Velayutham**, Librarian, SRKV Maruthi College of Physical Education, Coimbatore provided the technical support.

#### Plenary Session – I

The first plenary session was chaired by **Dr.B.Jeyaprakash**, Associate Professor, Department of LIS, Bharathidasan University, Trichirappalli. **Dr.Nabi Hassan**, Librarian, IIT Delhi delivered the plenary talk on ‘**Functioning and Contribution of the Libraries in the New Normal: An Indian Perspective**’. **Prof. Melanie Wood**, Zayed University Library, Dubai, UAE delivered the second plenary talk on ‘**User Experience in the Virtual World, Connecting with Students and making data driven decisions**’.



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### Technical Session - I

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First technical session on 'Library Systems and Services' was chaired by **Dr.Lata Suresh**, Head, KRC, IICA, Gurgaon, Haryana and **Ms.Monali Mitra Paladhi**, Deputy Librarian, ISI, Kolkata. **Ms.B.Srilakshmi**, Librarian, Sir Thiagarajar College, Chennai, and **Dr.A.P.Shanmugam**, Librarian, Government Arts and Science College, Thiruvannainallur were acted as rapporteurs. The following twelve papers were presented in the session.

1. Open Libraries as an Altruistic Approach to Promote Reading: An Exploration
  2. Immemorial Information Literacy Models and Standards: A Conceptual Glean
  3. Bibliotherapy for Younger Generation: An Innovative Practice in Library
  4. Bibliotherapy: A Facet of Mental Health Literacy to Fight Depression among Young Adults
  5. Community Information Services through Public Libraries: An Indian Perspective
  6. Applications of Psychological Methods in Libraries
  7. A Perception on Opportunities of Information Literacy Models in Intellectual Ambiance
  8. How to Make the Library Popular:Academic Library Point of View
  9. Human Library: Let's Read a Human
  10. Library Extension Activities - Dynamic Hub for Empowering Young Minds with Special Reference to K.S.Rangasamy College of Technology: A Case Study
  11. Shifting Role of Library Professionals with Special Reference to Academic Librarians in India
  12. Shifting Gears for Library Professionals - Adapting the New Roles and Responsibilities.
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### Plenary Session - II

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The second day proceedings of the conference was started with second plenary session and was chaired by **Dr.R.Sivakumar**, Librarian and Head, BITS Pilani, Dubai Campus, Dubai, UAE. **Dr.Mantra Roy**, San Jose State University, CA, USA given the third plenary talk on 'Library is Open: Adapt and Meet Research Needs'. In her talk she highlighted her library experience and current practices of the library during the pandemic period at San Jose State University and the various resources provided by the library to its users during the period.

The fourth plenary talk was given by **Prof. Susmita Chakraborty**, Prof. & Head, DLIS, University of Calcutta, Kolkata, West Bengal on 'Innovation Collaboration in LIS Education: Planning for Pandemic Years and Beyond'. She highlighted and stressed on the need for collaboration among institutions, associations and other stakeholders. She also explained in detail how the department conducted online classes during the pandemic period.

### Technical Session - II

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The second technical session on 'COVID 19 and Library Services' was chaired by **Dr.V.Rajendran**, Assistant Librarian, Bharathiar University, Coimbatore and **Dr.T.Senthil Kumar**, Librarian, Gurunanak College, Chennai. **Dr.A.Joseph Anburaj**, Librarian, K.C.G College of Technology, Chennai, **Mr.R.Chandran**, Librarian, Ramco Institute of Technology, Rajapalayam and **Mr.R.Venkatram**, Library Assistant, Alagappa University, Karaikudi served as session rapporteurs.

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The following four papers were presented in the session.

1. COVID-19 Pandemic: Paving ways for Libraries in India as Health Information Gatekeepers
2. Scope of Libraries during COVID-19 Pandemic and its Initiatives
3. Event Management Liasion Marketing Publicity
4. Generation of Automatic Online References using Zoterobib: A Screenshot – Based Experience

### Technical Session - III

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The third technical session on 'Digital Library Services' was chaired by **Dr.M.Leeladharan**, Assistant Professor, Department of LIS, Pondicherry University and **Mrs.S.Unnamalai**, Librarian, Govindammal Adhithanar College for Women, Tiruchendur. **Dr.M.Mani**, Librarian, Einstein College of Arts and Science, Tirunelveli and **Dr.I.Ravi Kumar Kennedy**, Librarian, St.John's College, Tirunelveli served as rapporteurs.

The following ten papers were presented in the session.

1. The Evolving Concept of Smart Libraries
2. Will the E-Books Eliminate the Print Books?
3. Digital Storytelling: An Innovative Library Service of the Digital Era
4. RFID Technology for Library Security and Services
5. Google Classroom for Enhancing Library Services
6. Smart Technology of Today's Current Era Smart Library
7. Drupal: Open Source Content Management Software for Managing Digital Library
8. Content Management System: An Overview
9. Applications of Web 2.0: An Overview
10. Interactive E-Learning Platform: Moodle @ National Engineering College

### Plenary Session - III

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The third plenary session was chaired by **Dr.R.Sevukan**, Associate Professor and Head, Department of LIS, Pondicherry University. **Dr.S.Srinivasa Ragavan**, Professor and Head, Department of LIS, Bharathidasan University, Tiruchirappalli delivered the fifth plenary talk on **Integrating AI and Machine Learning in Libraries** and highlighted how the artificial intelligence and machine learning can be applied in the library services. The sixth plenary talk was delivered by **Dr.Ferdin Joe John Joseph**, Thai-Nichi Institute of Technology, Bangkok, Thailand on the topic **Application of AI, Machine Learning, VR/AR in Libraries** and highlighted the application of artificial intelligence, machine learning, virtual learning and artificial learning in library services.

### Technical Session - IV

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The fourth technical session on 'Social Networking and Library Services' was chaired by **Dr.G.Saravanan**, Librarian, French Institute of Pondicherry, Pondicherry and **Dr.M.Surulinathi**, Assistant Professor, Department of LIS, Bharathidasan University, Tiruchirappalli. **K.Murugan**, Librarian, University VOC College of Engineering, Thoothukudi, **Mr.R.Arikrishnan**, Librarian and Information Assistant Gr.-I, Anna Centenary Library, Chennai and **Dr.R.Arun Pandiyan**, Teaching Fellow, Anna University BIT Campus, Trichy were served as session rapporteurs.



The following four papers were presented in the session.

1. Use of Social Networking Tools for Library Services: A Theoretical Exploration
2. Impact on Online Social Media Information Resources in Academic Libraries for Digital Environment
3. Integration of Social Networking Tools in Technical Libraries Website: A Comparative Study of IIT And IIM Libraries In India
4. Use of Social Networking Tools and Technologies for the Services of Library Professionals in Today's Era

#### Technical Session - V

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The fifth technical session on **Library User Studies** was chaired by **Dr.K.Vinitha**, Librarian, St.Mary's College, Thoothukudi and **Dr.K.S.Kalyani**, Librarian, PUCAS, Pappiretipatti. **Mr.G.Karthikeyan**, Teaching Fellow, Anna University BIT Campus, Trichy and **Dr.N.Murugesan**, Chief Librarian, Parks College, Tiruppur acted as rapporteurs.

The following ten papers were presented in the session.

1. Access of E-Resources by Faculty and Students in Arts and Science Colleges in Erode District: A Study
2. Awareness of Online Educational Platforms/Tools among Academic Professionals: A Case Study
3. Demographic Information of Digital Library users of Engineering Colleges around Tirunelveli District: A Case Study
4. Service Quality and User Satisfaction: With Reference to a Selected University Library
5. Information Seeking Behaviour and Use Pattern of Public Library Users: with Special Reference to Public Libraries in Matara District, Srilanka
6. Factors Influencing the Students to use E-Resources: A Survey of Polytechnics in Nigeria
7. Users' Behaviour and Usage of Digital Information Resources in Arts & Science Colleges in Coimbatore District, Tamil Nadu - A Study
8. User Satisfaction on Public Library Resources and Services: A Study with Special Reference to Anna Centenary Library, Chennai
9. Usage of Mobile Application Technology for Agriculture: A Study among the Faculty Members and Research Scholars in Tamil Nadu Agricultural Institutions, Tamil Nadu
10. Attitude towards Digital Library and Institutional Repository among the Library and Information Science Professionals in Tamil Nadu

#### Plenary Session - IV

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Third day proceedings of the conference was started with fourth plenary session and was chaired by **Dr.Sanjay Kataria**, University Librarian, Bennett University, Noida, UP. The seventh plenary talk was delivered by **Dr.Venkata Kesavan**, General Manager and Head, Times Archives & Knowledge Centre (TAKC), Times Group, Mumbai on **Achieving Excellence in Corporate Librarianship: Success Principles and Strategies in the Media Industry Context** followed by eighth

plenary talk on **Emerging Trends in Journals publications** by **Dr.Mahendra Jadav**, Librarian, IIT Madras. He explained PLAN-S, Read and Publish Model, Transformative Journals etc.

#### Technical Session - VI

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The sixth technical session on **'Libraries and Research'** was chaired by **Dr.A.Chitra Dhavaputhalvi**, Librarian, Chikkanna Government Arts College, Tirupur and **Ms.Vidya Subramanian**, Librarian, Dr.B.M.N. College of Home Science, Mumbai. **Dr.J.Gnana Prasad**, IIM Ranchi, **Mr.P.Radhakrishnan**, NPOL, Cochin and **Dr.N.Sivakami**, Sri Sai Ram Engineering College, Chennai acted as rapporteurs. The following six papers were presented in the session.

1. New Education Policy 2020: Role of Libraries
2. Digital India Initiatives in Education: An Overview
3. An analysis of Publons Ranking with Special Reference to Indian Institutions
4. Publications and Citations of Higher Educational Institutions in Indian Research Information Network System (IRINS): A Study
5. Scholarly Profile Analysis of PSG College of Technology, Coimbatore with Special Reference to Indian Research Information Network System
6. Awareness and use of Reference Management Software: A Study

#### Technical Session - VII

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The seventh technical session on **Bibliometrics and Scientometrics** was chaired by **Dr.R.Balasubramani**, Associate Professor, Department of LIS, Bharathidasan University, Tiruchirappalli. **Dr.S.Sridhar**, Librarian, Thiyagarajar School of Management, Madurai, **Dr.Ch.Veeranjaneyulu**, GIST, Nellore, **Dr.M.Kumaran**, Tamil Nadu National Law University, Tiruchirappalli and **Dr.V.Krishnamurthy**, Librarian, PSG ITAR., Coimbatore acted as rapporteurs. The following eleven papers were presented in the session.

1. Application of Bradford's Law to Seed Technology Research Output
2. Research Publication of Laser Technology: A Scientometric Study
3. Scientometric Analysis of Research Output on Blended Learning
4. Global Research Output on Deforestation: A Scientometric Study
5. Publication Productivity of Annamalai University: A Scientometric Analysis
6. Scientometric Analysis of Sports Science Research Literature Output in India
7. Research Visibility on Corona Virus
8. Digital Interface Tools for Printed Books: An Overview
9. Perception on Knowledge Management System among Engineering College Library Professionals in Coimbatore Region: A Study
10. Impact of Online Library Services on Remote Access Facility (RAF) during COVID-19 Pandemics: A Study
11. Use of Social Networking Tools by Indian and International Libraries: An Itsy-Bitsy Study

Among 125 papers received, 86 papers were accepted for presentation and publication in the proceedings after review process. Out of which 57 papers were presented in all the seven technical sessions.

## Valedictory Function

The valedictory function of the conference was held on the afternoon of 30<sup>th</sup> December 2020 and started with the prayer. **Dr.S.Surianarayanan**, Advisor, SALIS welcomed the online gathering. **Capt.Dr.T.Magudeeswaran**, Advisor, SALIS, Librarian, CNC, Erode and Rapporteur General presented the report of the conference. **Dr.S.Swaminathan**, Advisor, SALIS and Librarian, SRKVCE, Coimbatore presented the SALIS 2020 conference recommendations followed by few feedbacks from the participants. **Dr.L.Radha**, Librarian, Thiagarajar College of Engineering introduced the chief guest of valedictory function.

Chief Guest **Prof. Dr.N.Panchanatham**, Vice-Chancellor, Tamil Nadu Teachers Education University, Chennai delivered the valedictory address. **Dr.P.Panneerselvam**, Librarian, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai introduced the felicitation speakers. **Dr.K.Kalidasa Murugavel**, Principal, National Engineering College, Kovilpatti and **Dr.S.Mercy Shalinie**, Principal i/c., Thiagarajar College of Engineering, Madurai delivered the felicitation address.



## Conference Recommendations:

**Dr.S.Swaminathan**, Librarian, SRKVCE, Coimbatore and Advisor had presented Recommendation of the International Virtual Conference. Totally 30+ recommendations have been received as the outcome of this SALIS 2020 International Virtual Conference on Challenges Opportunities to Libraries and LIS Professionals in the Changing Global Scenario. Out of which very important eleven Recommendations have been submitted.

1. To redefine the academic library services towards teaching, learning, research, institutional, community and national development.
2. Library shall promote blended library services (i.e. combination of print + e-resources) in order meet out versatile needs of the contemporary users.

3. To include more numbers of open access journals & journal publications of Indian Universities & Indian professional societies in the UGC care list.
4. To include all N-LIST Journals in the UGC care list
5. To develop plagiarism detecting software by India from reputed Higher Education Institution like IITS, IISC etc and make it available at free of cost to all Educational Institutions in India.
6. Libraries shall act as a nodal centre for all MOOC courses.
7. Information literacy programmes shall be included for U.G., P.G. & Research courses. The Librarians should play a proactive role in re-designation & implementing IL courses.
8. In order to promote reading habits among all school students including Government, Govt-Aided schools, should have good library with qualified school library teacher.
9. All universities shall encourage research programme (Ph.D.) in Library & Information Science.
10. The libraries should play active role in various digital initiatives taken by the Government.
11. To revamp Library and Information Science Education in India to meet out present global scenario.

-----'Reading makes us Perfect! Recommendations make system as Perfect!!'-----

**Dr.M.Mandhirasalam**, Advisor, SALIS and Librarian & Dean (ARRA), Coimbatore Institute of Technology, Coimbatore proposed the vote of thanks. The conference was concluded with the National Anthem.

## **6. Readers Park**

Reading is a creative, mind-expanding, adventurous and exciting activity. Through reading, we can experience what it is like to be somebody else in a different age, culture, in a different society, another part of the world, another time in history. Readers embark on a journey every time they open a book.

All the students from our college who are determined to enhance their reading skills, which factually run with the latest current affairs and are interested in having interdisciplinary knowledge on various aspects are encouraged to enroll in Readers Park. The members of the Readers Park will meet once a week online or offline, the meet which is presentation / discussion based on the trends of different topics, will be held since its inception level.

### **Review Meetings**

Readers Park executive committee members review meetings were held three times through Google meet during the Academic Year 2020 – 2021.

- ✓ The Executive Committee Members provided suggestions and recommendations for improving reading ability, policy taken, to develop the leadership quality among students and Readers Park activities.
- ✓ Tentative schedule was prepared for conducting upcoming events and various activities both technical and non-technical.
- ✓ The office bearer's selection of the Readers Park was discussed during the meeting.

Members actively participated in this meeting and came up with different innovative and peculiar ideas, so as to improve the participation in Readers Park.

## 6.1 NEC Central Library Readers Park organized the following events and activities:

### 6.1.1 Webinar on Administering Mind Maps with Xmind Software:

The Central Library Readers Park, Society for the Advancement of Library and Information Science (SALIS) and Noolagam Pesukirathu Magazine are jointly organized a webinar on **Administering Mind Maps with Xmind Software** on 19<sup>th</sup> July 2020 at 11.30 a.m. through Gotomeet, moderated by **Dr.A.Hariharan**, Founder President, SALIS.



**Dr.K.Karunai Raghavan**, Librarian, National Engineering College, welcomed the **Dr.K.Ramasamy** online gathering and also gave introduction about the scope, content, and methodology of the webinar highlighting the relevance of Mind Maps for UG, PG students, the faculty members and others.

**Mr.R.Vigneswaran**, IV - CSE, NEC introduced the speaker. The Speaker **Dr.K.Ramasamy**, Librarian, M.V. Muthiah Government Arts College for Women, Dindigul stated that on how Xmind Software consist a blend of lecture presentation and demonstration, concept on Mind Map, on how to build Mind Map, on how can use mind map for teaching, research and learning community. Finally he was made a demo about XMind Software.

About 190 participants including students, research scholar, faculty members and the librarians from Agartala, Ahmedabad, Bangalore, Dhahran, Dubai, Ernakulam, Gaya, Hyderabad, Indore, Jharkhand, Kalaburagi, Madhya Pradesh, Mandya, Mangalore, Navi Mumbai, Nawada Bihar, Nellore, Patna, Puducherry, Punjab, Rajasthan, Rajkot, Sangaria, Sangrur, Visakhapatnam, Wandiwash and all around Tamil Nadu attended the event. Finally many participants raised the questions to the speaker and he also answered all the queries.

**Dr.RBalasubramani**, AP/ DLIS, Bharathidasan University, Trichy has presented the webinar report, finally **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC proposed vote of thanks. The Coordinator **Dr.K.Karunai Raghavan**, Librarian and active Readers Park members made the arrangements for this entire webinar in a successful manner.

### 6.1.2 Webinar on Tools for Research Visibility:

The Central Library Readers Park, Society for the Advancement of Library and Information Science (SALIS) and Noolagam pesukirathu Magazine are jointly organized a webinar on **Tools for Research Visibility** on 25<sup>th</sup> July 2020 at 06.00 p.m. through Goto meet, moderated by **Dr.A.Hariharan**, Founder President, SALIS. He briefed about the purpose of conducting this webinar. **Dr.K.Karunai Raghavan**, Librarian, National Engineering College, welcomed the online gathering. **S.Suji**, II - CSE, NEC, introduced the Resource Person.



**Dr.B.Jeyapragash**

The resource person **Dr.B.Jeyapragash**, Associate Professor, DLIS, Bharathidasan University, Trichy, talked about '**Tools for Research Visibility**'. He had briefly explained to create the institutional profiles and individual profiles, to showcase their research contributions for the better visibility among researchers, the various tools such as IRINS, Vivo, Research Gate, Academia, Mendeley, Vidwan, ResearchID, ScopusID, Publons and how these tools support for better visibility of research work.



About 195 participants had attended the webinar including students, research scholar, faculty members and the librarians from Abu Dhabi, Agartala, Amritsar, Bagalkote, Chandrapur (MS), Chitrakoot, Dharwad, Dubai, Gulbarga, Guntur, Haridwar, Hooghly, Hubballi, Indore (MP), Jabalpur, Kadapa (AP), Kalaburagi, Kolkata, Lucknow, Mandya, Mumbai, Muscat, Nellore, Patna, Pondicherry, Pune, Rajasthan, Ranchi, Simultala, Jamu, Sirsi, Vijayawada, Wandiwash, West Bengal and all around World. Finally many participants raised the questions to the resource Person, he also clarified all the queries. Hope these tools would help libraries, librarians, faculty members, research scholars and institutions to promote the research activities.

**Dr.J.Gnana Prasad**, Sr. Library and Information Assistant, Indian Institute of Management, Ranchi had presented the webinar report. **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC proposed the vote of thanks. The Coordinator **Dr.K.Karunai Raghavan**, Librarian and active Readers Park members made the arrangements for this entire webinar in a successful manner.

### 6.1.3 இணையவழி வாசகர் மாநாடு நூல் நூலகம் மற்றும் சமூகம்:

நேஷனல் பொறியியல் கல்லூரி மத்திய நூலக வாசகர் பூங்கா, நூலகம் மற்றும் தகவல் அறிவியல் மேம்பாட்டு அமைப்பு (சாலீஸ்) மற்றும் நூலகம் பேசுகிறது இதழ் ஆகியவை இணைந்து தேசிய அளவில் “**நூல், நூலகம் மற்றும் சமூகம்**” என்ற தலைப்பில் 30 ஜூலை 2020 முதல் 01 ஆகஸ்ட் 2020 வரை மூன்று நாட்கள் இணையவழி **வாசகர் மாநாட்டை** நடத்தியது.

அதன் முதலாம் நாளான 30 ஜூலை 2020 வியாழக்கிழமை அன்று நடைபெற்ற இணையவழி வாசகர் மாநாட்டிற்கு கல்லூரி முதல்வர் **முனைவர் கே.காளிதாசு முருகவேல்** தலைமை வகித்தார், நூலகர் முனைவர் **கே.கருணை ராகவன்** வரவேற்றார், முதலாமாண்டு மாணவி செல்வி **எஸ்.சுஜி** இணையவழி வாசகர் மாநாட்டைப் பற்றி எடுத்துரைத்தார், மூன்றாமாண்டு மாணவ பேச்சாளர் செல்வி **எஸ்.நிஷாந்தி** “**நூல், நூலகம் மற்றும் சமூகம்**” என்னும் தலைப்பில் பேசினார். நூலகம் பேசுகிறது இதழின் நிர்வாகக்குழு உறுப்பினர் முனைவர் **ஏ.சொக்கலிங்கம்** சிறப்பு விருந்தினரை அறிமுகம் செய்தார்.

கலைமாணி **முனைவர் கு.ஞானசம்பந்தன்** சிறப்பு விருந்தினராக கலந்து கொண்டு ‘**வாசிப்போம் வாருங்கள்**’ என்னும் தலைப்பில் சொற்பொழிவு நிகழ்த்தினார், அதில் தமிழில் முதன் முதலாக வெளிவந்த பிரதாப முதலியார் சரித்திரம் முதல் இன்றைய ஊடக வாசிப்பு வரை ஒவ்வொன்றாக விவரித்தார்,



மேலும் நூலகத்தின் முக்கியத்துவத்தை உணர்ந்து **அரசு நூலகத்துக்கு என்றே ஒரு பல்கலைக்கழகத்தை நிறுவ வேண்டும்** என்று வலியுறுத்தி, இணையவழியில் **Dr.கு.ஞானசம்பந்தன்** பங்கேற்பாளர்கள் கேட்ட கேள்விகளுக்கு பதிலளித்தார், இறுதியாக வாசிப்பு மனிதனை வளர்க்கும், வாசித்தால் மட்டுமே பண்படுவோம், வாசித்தால் மட்டுமே புதிய புதிய கருத்துக்கள் உருவாகும் என்று வாசிப்பின் அவசியத்தை பங்கேற்பாளர்களுக்கு உணர்த்தி உரையை நிறைவு செய்தார். சாலீஸ் அமைப்பின் ஆலோசகர் முனைவர் **எம்.மந்திராச்சலம்**, நன்றி கூறினார்.

இரண்டாம் நாளான 31 ஜூலை 2020 வெள்ளிக்கிழமை அன்று “**உலகை வசமாக்கும் வாசிப்பு**” என்னும் தலைப்பில் சிறப்பு விருந்தினர் ‘**பேசும் பூங்காற்று திருமதி.கவிதா ஜவஹர்**’ சொற்பொழிவு நிகழ்த்தினார். சாலீஸ் அமைப்பின் முத்த ஆலோசகர் முனைவர் **எஸ்.சூரியநாராயணன்** வரவேற்றார், கல்லூரியின் முதலாமாண்டு மாணவி செல்வி **ஜி.வாசுகி** இணையவழி வாசகர் மாநாட்டைப் பற்றி எடுத்துரைத்தார், **மின்நூலின் உயிர்ப்புதன்மை** என்னும் தலைப்பில் மூன்றாமாண்டு மாணவர் செல்வன் **கவிதா ஜவஹர்** **எஸ்.குருவசந்த்** பேசினார். நூலகர், முனைவர் **கே.கருணை ராகவன்** சிறப்பு விருந்தினரை அறிமுகம் செய்தார். இறுதியாக சாலீஸ் அமைப்பின் துணைத் தலைவர் **எஸ்.மணிகண்டன்** நன்றி கூறினார்.



நிறைவு நாளான 01 ஆகஸ்ட் 2020 சனிக்கிழமை அன்று “**உடல் நலம் மற்றும் மன நலம்**” என்னும் தலைப்பில் சிறப்பு விருந்தினர் “**சித்த மருத்துவர் கு.சிவராமன்**” சிறப்பு சொற்பொழிவு நிகழ்த்தினார்.

சாலீஸ் அமைப்பின் தலைவர் முனைவர் கே.இளவழகன் வரவேற்றார், மாணவர் நரேன் இணையவழி வாசகர் மாநாட்டை பற்றி எடுத்துரைக்க, மாணவர் எஸ்.பி.சி.பில்லிகிரகாம் 'கைப்பேசிக்குள் கல்வி' என்னும் தலைப்பில் உரை நிகழ்த்தினார். பேராசிரியை முனைவர் எஸ்.தமிழ்ச்செல்வி சிறப்பு விருந்தினரை அறிமுகம் செய்தார். நூலகர் முனைவர் கே.கருணராகவன் வாசகர் மாநாட்டு அறிக்கை சமர்ப்பிக்க, சாலீஸ் அமைப்பின் மூத்த ஆலோசகர் முனைவர் எஸ்.சுவாமிநாதன் நன்றி கூறினார். பேராசிரியர் ஜே.இ.ஜெயந்தி, மாணவி எஸ்.நிஷாந்தி, மாணவர் கே.வைத்தியநாதன் ஆகியோர் இந்நிகழ்வினை வெகு சிறப்பாக தொகுத்து வழங்கினர்.



Dr.கு.சிவராமன்

இம்மூன்று நாட்களும் தமிழகம் மட்டுமல்லாமல் உலகின் பல்வேறு பகுதிகளில் இருந்தும் தினமும் சுமார் 415-க்கும் மேற்பட்ட தமிழ் ஆர்வலர்கள், படைப்பாளிகள், வாசக பெருமக்கள், நூலகர்கள், பேராசிரியர்கள், மாணவ மாணவிகள், ஊடகம் மற்றும் பத்திரிக்கைத்துறை நண்பர்கள், ஆன்றோர்கள், சான்றோர்கள் என பல்வேறு தரப்பட்ட பிரிவினரும் பங்கேற்று சிறப்பித்துத்திருந்தனர். கே.ஆர்.கல்வி நிறுவனங்களின் தாளாளர் கே.ஆர்.அருணாச்சலம், நேஷனல் பொறியியல் கல்லூரி இயக்குநர் முனைவர் எஸ்.சண்முகவேல், கல்லூரி முதல்வர் முனைவர் கே.காளிதாச முருகவேல், சாலீஸ் அமைப்பின் நிறுவன தலைவர் முனைவர் ஏ.ஹரிஹரன் ஆகியோர்களின் வழிகாட்டுதல்களின்படி கல்லூரி நூலகர் முனைவர் கே.கருணராகவன் அனைத்து ஏற்பாடுகளையும் செய்திருந்தார்.

#### 6.1.4 Webinar on Who am I? Deep Inside... a Youth Perspective for Success:

The Central Library Readers Park had organized a Webinar on **Who am I? Deep inside... a youth perspective for success** on 14<sup>th</sup> August 2020 at 06.00 p.m. through Google meet in connection with **National Librarian's Day Celebration**. **L.Nishanthi, IV** - ECE student welcomed the online gathering, **Stephen S. Billigraham, IV** - Mech. student explained about the Readers Park & Central library activities. **T.N.Ragul, II** - CSE student had explained about National Librarians' Day. **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC delivered the presidential address. **G.Vasuki, II** - E.E.E. student, introduced the speaker.



Ms.S.Suriya

The Speaker **S.Suriya**, Distinguished Alumnus of EEE - NEC, Senior Inspector of Cooperative Societies, Thoothukudi, Government of Tamil Nadu and resource person of the webinar stated that the following keys points

- ✓ Don't bother about what other says
- ✓ Follow your dreams to reach goals
- ✓ Be authoritative
- ✓ Success begins when you go deep inside
- ✓ First decide what you want
- ✓ Remember there is only single chance. If we dropped it we have to start again from zero. So act wisely and work hard.
- ✓ Totally, work hard in silence let your success makes sound
- ✓ Create your own path on right direction

About 198 participants had attended the webinar including students, research scholar, faculty members and the librarians from Bangalore, Delhi, Gorur (Karnataka), Hanamkonda, Kadapa, Ernakulam, Lucknow, Visakhapatnam, Pondicherry, Bargur, Chennai, Chidambaram, Coimbatore, Cuddalore, Dindigul, Erode, Karaikudi, Karur, Kayalpatnam, Kovilpatti, Krishnagiri, Madurai, Nagercoil, Namakkal, Rajapalayam, Ramanathapuram, Salem, Sattur, Sivakasi, Tenkasi, Thanjavur, Thoothukkudi, Tindivanam, Tiruchengode, Tirunelveli, Tiruppur, Trichy,

Ulundhurpet, Vellore and Villupuram. Finally many participants raised the questions to the speaker and she also answered all the queries. **K.Vaidyanathan**, II - C.S.E. student proposed the vote of thanks. **S.Guruvanth**, IV - Mechanical student and **S.Suji**, II - C.S.E. student hosted the event. The Coordinator **Dr.K.Karunai Raghavan**, Librarian and active Readers Park members made the arrangements for this entire webinar in a successful manner.

### 6.1.5 Webinar on Cyber Awareness: An Introduction

The Central Library Readers Park had organized a webinar on **Cyber Awareness: An Introduction** on 20<sup>th</sup> August 2020 at 08.00 p.m. through Google meet. **C.A.Narain**, II - CSE, welcomed the online gathering. **G.Vasuki**, II - E.E.E. introduced the speaker. Speaker **K.Vaidhiyanathan**, II - C.S.E. made his presentation on an eye opening topic that is cyber security in which he explained **K.Vaidhiyanathan** the basic terms such as data, vulnerability, modes of attacks, prevention mechanisms etc. He also explained how our data becomes the treasure for attackers and how should we mitigate that as an individual. Finally few students raised the questions to the speaker and he also answered to all the queries. Nearly thirty eight students had actively participated in the event and learnt new technology. The event was concluded with the vote of thanks given by **L.Nishanthi**, IV - ECE. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 10.10 p.m.



### 6.1.6 Webinar on Factophobia

The Central Library Readers Park had organized a Webinar on **Factophobia** on 27<sup>th</sup> August 2020 at 08.00 p.m. through Google meet. **K.R.Praveen Krishna**, (Mechanical 2016-2020 Batch) welcomed the students for their online gathering. **Stephen S. Billigraham**, IV - Mechanical student introduced the speakers.



Speaker **C.A.Narain**, II - CSE has delivered a lecture on "**Factophobia**" i.e. it explained about the touch screens, history, types and usage etc. He also explained the basic working of a touch screen in a simple physics, concept of flow of charges in a closed circuit, creates voltage drop. The voltage and the current flow are observed by the sensor and it responds to the respective programme.

In the current fires section, **N.Aagash**, of civil final year shared his thoughts in an interesting way. First, he explained the benefits of clapping and then entered into his topic that is 'Food Insecurity'. He made clear that food insecurity means the inability in social, physical or economical status to afford nutrition requirements. He shared the world statistical report provided by state of food security and nutrition recently. He also provided valuable information on Government schemes regarding food insecurity.

In the book locker section **S.Suji**, II - CSE student narrated the book '**Harry Potter**' and the **chamber of secrets** written by **J.K.Rowling**. She exposed the interesting characters and the way they took the story in an amazing way. She also expressed her favourite scene as Harry Potter releasing doobby from slave and helping mind of doobby and the phoneix. At the end of the session, interested participants raised the questions to the speakers. Nearly forty one participants had actively participated in the event and learnt the recent modern technology. The event was



concluded with the vote of thanks delivered by **L.Nishanthi**, IV - ECE. Readers Park active members coordinated the entire event in a successful manner. The webinar came to an end at 09.50 p.m.

### 6.1.7 Webinar on Invent Blast

The Central Library Readers Park had organized a webinar on **Invent Blast** on 03<sup>rd</sup> September 2020 at 08.00 p.m. through Google meet. **S.Suji**, II - CSE welcomed the online gathering, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), National Engineering College, Kovilpatti delivered the presidential address. **C.A.Narain**, II B.E. - CSE, introduced the speaker.



Speaker **K.Vignesh Shankar**, II - CSE explained about Invent Blast **Nikola K.Vignesh Shankar Tesla** and his inventions (The man who changes the 20th century) and he stated the followings:

He was a Serbian-American inventor, born in the village of Smiljan, in the part of former Austria-Hungary that is now Croatia and he became an American Citizen. He has invented so many things in his life time, the best invention was an electric motor that could run well on AC power. He also invented the Brushless AC Motor and Arc light invented by Tesla Electric Light Company. In 1994, a street established **Nikola Tesla Corner** in his memory near the New York City Laboratory. The legacy of the work tesla left behind him lives on to this day.

In the book locker section **G.Vasuki**, II - EEE, narrated the book **Emotional Intelligence** written by **Daniel Goleman** and talked about everything related to EQ. EQ which is nothing but Emotional Quotient.

She also explained a higher IQ can never assure success or happiness in life, but emotional intelligence can. The author talks about five components of emotional intelligence. viz

- Self-awareness
- Managing Emotions
- Self-Motivation
- Empathy
- Handling relationship

All negativity is created only in our mind and never present in the physical world. And she expressed five tips to develop the habit of reading, i.e.

- Set a time and place
- A note to yourself
- Stay away from distractions
- Dictionary usage
- Visualize the story

At the end of the session, interested participants raised the questions to the speakers and they also answered all the queries. **T.N.Ragul**, II - CSE proposed the vote of thanks. **K.Vaidyanathan**, II - C.S.E. hosted the event. Nearly forty three participants had actively participated in the event and learnt the Nikola Tesla and his inventions. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.45 p.m.

### 6.1.8 Webinar on Techy Spot

The Central Library Readers Park had organized a webinar on **Techy Spot: Elon Musk's Neuralink - Overview and Analysis** on 10<sup>th</sup> September 2020 at 08.00 p.m. through Google meet. **C.A.Narain**, II - CSE welcomed the online gathering, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC delivered the presidential address. **S.Guruvasanth**, IV – Mechanical, introduced the speaker.



T.N.Ragul

Speaker **T.N.Ragul**, II - CSE explained overall concept of **Elon Musk's Neuralink : Overview and Analysis** and he stated the main goals of Neuralink:

- Treating brain disorders and helping people who had accidents
- Creating a brain-machine interface
- Building the potential symbioses with artificial intelligence

He also discussed about the work process of Neuralink and capabilities of Neuralink. Features of Neuralink has been clearly demonstrated by him

In the book locker section **K.Vaidyanathan**, II - C.S.E. narrated the book **The Rich Dad Poor Dad** written by **Robert Y.Kiyosaki and Sharon Lechter**. i.e., this book advocates the importance of financial education, financial independence and building wealth through investing in assets, real estate investing, starting and owning businesses, as well as increasing one's financial intelligence to improve one's business and financial aptitude.

Rich Dad Poor Dad is written in the style of a set of parables, ostensibly based on the author's life. The titular **rich dad** is his friend's father who accumulated wealth due to entrepreneurship and savvy investing, while the "poor dad" is claimed to be author's own father who says that he worked hard all his life but never obtained financial security. Finally, this book tells about the real value of money and a way to earn and spend the money.

At the end of the session, participants raised the questions to the speakers and they also answered all the queries. **G.Vasuki**, II - EEE proposed the vote of thanks. **S.Suji**, II - CSE. hosted the event.

Nearly twenty five participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.30 p.m.

### 6.1.9 National Librarian's Day Celebration

The Central Library Readers Park had organized a webinar on '**Of the Engineer, By the Engineer, For the Engineer**' on 15<sup>th</sup> September 2020 at 06.00 p.m. through Google meet in connection with **Engineer's Day Celebration**.

*'Scientists Create World that Already Exists Engineers Create World that Never Exists'*

**G.Nithya**, II - CSE student welcomed the online gathering, **Stephen S.Billigraham**, IV – Mech. student explained about Engineers Day.

**Dr.M.Bakruthen**, AP (SG) / EEE, NEC delivered the presidential address. He started his presidential address by greeting with warm welcome and highlighted the importance and role of Engineer's in today's world. He stressed the importance of engineering in multiple disciplines like health, environmental management and product development etc... He also talked about creativity



Sam.S.Livingstone

and the new ideas of the youngsters and how they shape this society. He finally concluded his speech by saying a beautiful quote 'we are the engineers who create world that never exists'. **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), National Engineering College, Kovilpatti delivered the felicitation address. **S.Infant Anto Edin**, II - CSE student, introduced the speaker.

**Sam.S.Livingstone**, Executive - Engineering M/s Ejadah Asset Management, Dubai, United Arab Emirates acted as resource person of the webinar on **Of the Engineer, By the Engineer, For the Engineer**.

He started his speech by explaining about engineering and the importance of creative ideas and new technologies in today's world. He almost gave us a virtual industrial visit experience and it helped us to understand the topic with ease. The entire session was all about building's anatomy. He also gave us a clear explanation about electricity and how it works. This session was entirely about what were the role of engineers inside a multi-storey building and the role of network in building the nation. And finally, he concluded his speech by thanking everyone and mentioned the prudence of engineers in today's world.

About 55 participants had actively attended in this webinar. Finally many participants raised the questions to the speaker and he also answered all the queries. **K.Vignesh Shankar**, II - C.S.E. student proposed the vote of thanks. **K.M.Alhaseena**, II - CSE and **M.Ramkumar**, II CSE hosted the event.

#### 6.1.10 Webinar on Personality Enrichment

The Central Library Readers Park had organized a webinar on **Personality Enrichment** on 24<sup>th</sup> September 2020 at 08.00 p.m. through Google meet. **G.Nithya**, II - CSE welcomed the online gathering, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC delivered the presidential address. **S.Suji**, II - CSE introduced the speaker.



Speaker **K.M.Alhaseena**, II - CSE has delivered an online lecture on **Personality Enrichment**. She started her speech by thanking everyone for the wonderful opportunity, and then she talked about pursuit of life and importance of happiness. She made her clear statement on self-confidence and the way it impacts on this society. She briefly explained about psychological factors that a normal teenager undergoes in his/her life and how can it be overcome by them. She also gave her explanation of life with many life stories that was pretty ravishing. Overall, her speech was motivating and gave us thrills.

In the book locker section **M.Ramkumar**, II - CSE narrated the book **The Monk who sold his Ferrari** written by **Robin Sharma**. At the end of the session, interested participants raised the questions to the speakers and they also answered all the queries. **K.Vaidyanathan**, II - CSE proposed the vote of thanks. **G.Vasuki**, II - EEE hosted the event.

Nearly forty two participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.15 p.m.

#### 6.1.11 Webinar on Technology beyond us

The Central Library Readers Park had organized a webinar on **Technology beyond us** on 01<sup>st</sup> October 2020 at 08.00 p.m. through Google meet. **C.A.Narain**, II - CSE welcomed the online

gathering, **Mr.Murali Dharan**, Director, CONNECT Training Solutions Private Limited, Tirunelveli delivered the presidential address. During his presidential address, he explained about the **Literary Debate Community (LDC)** and its various activities, some of his life time examples, gave some points for how to improve our reading skills and concluded that we have to read the book which is integrate with our real life style and it will give us a spark which will change our entire life and he suggested some books to read like 'Unposted Letter' and so on.

**Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC delivered the felicitation address. **M.Ramkumar**, II - CSE introduced the speaker. **G.Nithya**, II - CSE acted as resource person and delivered an online lecture on **Technology beyond us**. She explained about ancient technology and how new technology came from and concluded by saying like our nature is the origin of our every new technology. She also said that we have to respect nature, protect nature and have to use it properly.



G.Nithya

She also explained about:

#### *The Big Bang Theory:*

- She explained about the Big Bang theory and how it succeeded, the Higgs Boson particle and the cosmic dance of the subatomic particles, "the dance of Shiva".
- She also explained where the experiment took place and how our universe was created.

#### *Tanjore Big Temple:*

- She explained who built the Tanjore Big Temple, how it was built and what the mysteries within it are.
- She also explained what technology was in it and how they used nature as a technology.

#### *Open Skull Surgery (with ancient technology):*

- She was talking about the V.S.Agathiyar toad story, and how they used nature as a technology from that story, revealing how cunning the ancient people were, and concludes that we have to protect and respect our nature.

In the book locker section **V.Sharmie**, II - EEE narrated the book '**YOU**' written by Carolina Kepnes. The book is a mixture of psychological thriller, mystery and friction. This book will be freaky addictive to read and have emotionally high and lows and it's also a page turner to the fullest extent. At the end of the session, participants shared their views and gave some feedback. **K.M.Alhaseena**, II - CSE proposed the vote of thanks. **S.Suji**, II - CSE hosted the event.

Nearly thirty nine participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.25 p.m.

### 6.1.12 Webinar on Universe beyond this Universe

The Central Library Readers Park had organized a webinar on **Universe beyond this Universe** on 08<sup>th</sup> October 2020 at 08.00 p.m. through Google meet.

**K.Vignesh Shankar**, II - CSE welcomed the online gathering. **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC delivered the presidential address.

**G.Nithya**, II - CSE introduced the speaker. **M.Ramkumar**, II - CSE acted as resource person and delivered an online lecture on **Universe beyond this Universe**. He briefly explained about Universe, Origin of the Universe, Big bang theory, Black hole and future



M.Ramkumar

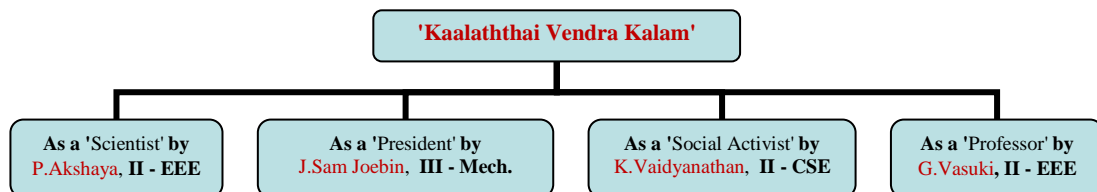
researches in universe. In the book locker section **C.A.Narain**, II - CSE narrated the book '**Can't Hurt Me: Master Your Mind and Defy the Odds**' by **David Goggins**. At the end of the session, participants shared their views and gave some feedback. **S.Suji**, II - CSE proposed the vote of thanks **K.M.Alhaseena**, II - CSE hosted the event. Nearly thirty four participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.45 p.m.

### 6.1.13 Online Talk on Kaalaththai Vendra Kalam

The Central Library Readers Park had organized a online talk on **Kaalaththai Vendra Kalam** on 15<sup>th</sup> October 2020 at 07.00 p.m. through online in connection with '**World Students Day**' celebration to commemorate the birth anniversary of **Dr.A.P.J.Abdul Kalam**.

**S.Suji**, II - CSE welcomed the online gathering, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), National Engineering College, Kovilpatti delivered the presidential address. **Dr.R.Siva Kumar**, Librarian, BITS Pilani, Dubai Campus, Dubai, UAE acted as esteemed guest of this wonderful session.

The introduction of the speakers was given by **K.Vaidyanathan**, II - CSE and the commentary of this session was given by the student orators **K.M.Alhaseena**, II - CSE and **C.A.Narian**, II - CSE who made this day wonderful with their words. The brief story of our honorable former president Dr.A.P.J.Abdul Kalam was given by **L.Nishanthi**, IV - ECE. The event was shared by four student members.



**P.Akshaya**, II - EEE talked about **Dr.Kalam as a Scientist**. “As a scientist Dr.Kalam had done a lot of work in his lifetime to develop India. He built an army helicopter for our nation, and made our nation superior in nuclear race and space race”.

**J.Sam Joebin**, III - Mechanical talked about **Dr.Kalam as a President**. “As a President Dr.Kalam played a tremendous role in shaping the nation’s future”. During his presidency period, he never used his power for his own expenses and during a world submit his speech really inspired the world leaders. His motivation is to inspire peace around the world.

**K.Vaidyanathan**, II - CSE talked about **Dr.Kalam as a Social Activist**. As a social activist he really inspired the hearts of the students. “He is known for his simplicity and his humbleness. Even in his presidency period he worked for lot of social reforms and also provided a lot of inspiration to student to make their life’s better. As a social activist, he really changed the lives of polio affected person by building them a light weight leg brace”.

**G.Vasuki**, II - EEE who talked about **Dr.Kalam as a Professor**. She said, “being a President Dr.Kalam really focused on building the young minds of the students”. He really wanted the youngster and students to focus on their dream path to taste the success. He inspired the student with his golden words. He also said the future of this nation lies in the young minds. She also said

“Even in his last moments of life he wished to teach the students”. During his lifetime Dr.Kalam’s vision is to make India a great nation. He said to students, “Let dream to taste success”. At the end of the session, participants shared their views and gave some feedback. **G.Nithya**, II - CSE proposed the vote of thanks. Nearly thirty eight participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 08.50 p.m.

#### 6.1.14 Webinar on e-Textiles

The Central Library Readers Park had organized a webinar talk on **e-Textiles** on 22<sup>nd</sup> October 2020 at 08.00 p.m. through Google meet. **T.N.Ragul**, II-CSE welcomed the online gathering, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC delivered the presidential address. **S.Suji**, II - CSE introduced the speaker.



**P.Akshaya**, II - EEE acted as a resource person and delivered an online lecture on **e-Textiles**. She briefly explained about E-textiles, also known as electronic textiles or smart textiles, are fabrics that enable digital components such as a battery and a light (including small computers), and electronics to be embedded in them. She also explained about the properties of e-textile are flexible, no wires to snag environment, the large surface area for sensing, invisible to others, cheap manufacturing, permeability, strength, thermal resistance and electrical resistance.

In the book locker section **A.S.N.Jaanu**, II - EEE narrated the book ' **You Can Win** by **Shiv Khera**'. She said that “Winners don’t do different things, they do things differently”. This book is all about doing things differently. There are lots of ideas in this book that you can apply to your daily life to ensure your success. Most importantly this book will be giving exciting idea about life and if you read this you can definitely succeed in life.

At the end of the session, participants shared their views and gave some feedback. **C.A.Narain**, II - CSE proposed the vote of thanks. **G.Nithya**, II - CSE hosted the event. Nearly thirty six participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.50 p.m.

#### 6.1.15 Vigilance Awareness Week - 2020

The Central Vigilance Commission, Government of India observes the **Vigilance Awareness Week** from 27<sup>th</sup> October 2020 to 02<sup>nd</sup> November 2020. This is observed every year during the week in which the birthday of **Sardar Vallabhbhai Patel** (October 31) falls. This awareness week campaign affirms our commitment to the promotion of integrity and probity in public life through citizen participation. In 2020, the Vigilance Awareness Week is being observed from 27<sup>th</sup> October 2020 to 02<sup>nd</sup> November 2020 with the theme of **Vigilant India, Prosperous India**.

Under guidelines from **Central Vigilance Commission**, Government of India the apex integrity institution of the country which endeavors to promote integrity, transparency and accountability in public life, NEC has observed **Vigilance Awareness Week - 2020**.

In this connection, the NEC Central Library Readers Park had successfully conducted a series of events during 31<sup>st</sup> October 2020 to 02<sup>nd</sup> November 2020 that received an overwhelming response from the participants. The activities are listed below:



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**Webinar:**

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To spread awareness amongst the students against corruption, NEC Central Library Readers Park arranged a webinar on '**Integrity is the way of life**' on 31<sup>st</sup> October 2020 at 06.00 p.m. through online in connection with **Vigilance Awareness Week** celebration, a part of Vigilance Awareness Week 2020 observance. **N.Abinaya**, II - Civil welcomed the online gathering. **G.Vasuki**, II-EEE introduced of the chief guest.

Chief Guest **Dr.D.Manimegalai**, Professor and Head, Department of Information Technology, NEC delivered an online lecture on **Integrity is the way of life**. She began her speech by thanking Readers Park's members for this wonderful opportunity. She started to narrate stories based on real live incidents and they were quite riveting and inspiring. Those stories were all about honesty and brevity, not only it gave better time but also it made to learn about the role of citizens for the better integrity and well doing of our country.

The best part of the entire speech, she was made her quotes about the integrity of life that stirring.

- The life we live today must pave path for future
- Be someone who lit light and spread happiness

Finally, correlating the entire session lively and quite exhilarating, she also explained about the prudence of how much the role of every citizen rely on this country.

This webinar was an extremely informative and was really a splendid presentation that exposed students to integrity. All the students appreciated and got benefited. Nearly forty eight participants had actively participated in the event. The event was concluded with the vote of thanks given by **S.Guru Bharathi**, IV - ECE. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 07.30 p.m.

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**Quiz:**

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NEC Readers Park has organized online quiz on **Vigilant India, Prosperous India** on 01<sup>st</sup> November 2020 at 06.00 p.m. a part of Vigilance Awareness Week 2020 observance. **S.Suji**, II-CSE and **T.N.Ragul**, II-CSE acted as quiz masters. The online quiz comprises of three rounds.

- The first round was conducted through Google form based on common and general topics such as awards, sports, music, film and technology. It consisted of five parts and each part carried 10 points after that the participants were selected for the second round.
- The second round was held through '**Kahoot**' quiz online tool, participants were asked to click on the options based on answer and selected based on time priority. All the questions were based on vigilance and integrity. The top five participants qualified for the final round.
- The final round was also conducted by the Kahoot Quiz online tool. All the questions were about vigilance and integrity. The second round top five participants participated in the final round. Each of the participants was asked five questions individually. Winners were selected based on answers and timing.

The quiz masters congratulated the participants and announced the following cash prize for the winners of the online quiz.

01. First Prize - **K.Suveena Devi**, IV - E.C.E. Cash Prize Rs. 500/-
02. Second Prize - **K.R.Praveen Krishna**, (Mech - 2017-20 Batch.) Cash Prize Rs. 300/-
03. Third Prize - **C.A.Narain**, II - C.S.E. Cash Prize Rs. 200/-

Nearly thirty four participants had actively participated in the online quiz. Active Readers Park members coordinated the quiz in a successful manner. The quiz came to an end at 08.00 p.m.

### ***Vivadha Medai:***

*Speech is civilization itself. The word, even the most contradictory word, preserves contact, it is silence which isolates by Thomas Mann.*

NEC Central Library Readers Park has conducted a Tamil **Vivadha Medai** on “நேர்மையே வாழ்க்கையின் வழி என முன்னெடுத்து செல்வது அரசு இயந்திரமே! பொதுஜனமே! and மாணவ சமுதாயமே!” on 02<sup>nd</sup> November 2020 at 06.00 p.m. through online. **R.Anu**, II - IT welcomed the online gathering. **P.Akshaya**, II - EEE introduced the speakers. **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC had served as a judge for this event. The event endeavours to promote integrity, transparency, and accountability in individual and public life.

- **C.Brindha**, III - IT, **R.Ajay Rajendran**, II - CSE and **S.Roshini**, II - CSE made their points for the team **அரசு இயந்திரமே!**
- **P.Vidya**, II - ECE, **T.Ananthavel**, II - Mech. and **P.Pavithra**, II - ECE supported clearly for the team **பொதுஜனமே!**
- **P.Shanmathi**, III - Civil, **R.Yamini Rajam**, II - EEE and **S.Mugila**, III - Civil puts their points strongly for team **மாணவ சமுதாயமே!**

Finally **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), expressed her judgement as words in **மாணவ சமுதாயமே!** and completed the discussion with a great speech. **M.Ram Kumar**, II - CSE delivered the vote of thanks. Nearly fifty seven participants had actively participated in the online event. Active Readers Park members coordinated the event in a successful manner. The event came to an end at 08.15 p.m. **K. Vaithiyanathan**, II - CSE and **G.Nithya**, II - CSE hosted the event.

### **6.1.16 Webinar on Personality Inside the Persons**

The Central Library Readers Park had organized a webinar on **Personality inside the Persons** on 04<sup>th</sup> November 2020 at 08.00 p.m. through Google meet.

**K.Vignesh Shankar**, II-CSE welcomed the online gathering, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC had delivered the presidential address. **K.Vaidyanathan**, II - CSE introduced the speaker.

**P.Vidhya**, II - ECE has acted as a resource person and delivered an online lecture on **Personality inside the Persons**. This presentation contents are some famous personality's personal life (success related thoughts). She also explained about thoughts, Hard Work, Bravely and how to handle failure.



**P.Vidhya**



**Thoughts:** Good thoughts are very important to make a human as a perfect man. How Dr.Kalam realizing his life goal. (The incident about Dr.Kalam and Sachithanantha Swami met in Kasi after he failed the interview).

**Hard work:** Beyond the life of every successful people they have a great story about hard work, Likewise. Here she mentions Sundar Pitchai and Stephen William Hawking life history and some hard work-related stories.

**Brave:** Success not only comes from thoughts and hard work but bravery is also important for getting success. Likewise here she mentioned Ashtalakshmi story and some brave movements in celebrity's life.

**How they handle Failure:** "Don't fear for facing failure in the first attempt, because even the successful maths starts with 'zero' only". Dr.Kalam quotes 'likewise he failed 999 times' ' he got success in 1000th time' he simply said, I've not failed. I've just found 999 ways that won't work...and Dr.Kalam life incident.

Storytelling is the conveying of events in words, and images, often by improvisation or embellishment. Today **S.M.Jeya Ramani**, III - CSE has told the story about 'Your strength that you do not know'. The theme of the story is that even if a stone in hand, is a diamond, it is a treasure for those who know its value, otherwise, it is just a stone. Similarly, she says that it is your life that determines you and that is what shapes you.

At the end of the session, participants shared their views and gave some feedback. **G.Nithya**, II - CSE proposed the vote of thanks. **S.Suji**, II - CSE hosted the event. Nearly forty five participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.40 p.m.

### 6.1.17 Webinar on Celebrating Failure

The Central Library Readers Park had organized a webinar on **Celebrating Failure** on 19<sup>th</sup> November 2020 at 08.00 p.m. through Google meet. **S.Mugila**, III - Civil welcomed the online gathering, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC delivered the presidential address.

**G.Nithya**, II - CSE introduced the speaker. **G.Vasuki**, II - EEE delivered an online lecture on 'Celebrating Failure'. In this presentation she delivered the content on failure that she had faced during her life. She had stated that failure is an inevitable part if we want to succeed. We all know how to celebrate success in life. But lots of us do not know how to celebrate failure in life or how to embrace failure and overcome in life. This whole talk is about celebrating failure. All of us celebrate success in life. But sometimes failures are some of the hardest blows we face, those force us to give up our dreams or our passion. But can we celebrate our failures and embark our journey?

FAIL - First Ambition in Life

Some (personalities) examples of failures who turned to stupendous success later in life.

Steve Jobs - Apple

Bill Gates - Microsoft

Abraham Lincoln - Former President of United States



G.Vasuki

Stephen Edwin King - Writer

Walt Disney – Famous Cartoonist

The main take away from her lecture is, failure is the opportunity to begin again, this time more intelligently. Accept the failure and wear it as a badge of honor. Really we can see the peak of success.

In the book locker section **K.M.Alhaseena**, II CSE narrated the book **Leaders Eat Last** by **Simon Sinek**. This book imagine a world where almost everyone wakes up inspired to go to work, feels trusted and valued during the day, then returns home feeling fulfilled. This is not a crazy, idealized notion. Today, in many successful organizations, great leaders create environments in which people naturally work together to do remarkable things.

Too many workplaces are driven by cynicism, paranoia, and self-interest. But the best ones foster trust and cooperation because their leaders build what Sinek calls a "Circle of Safety" that separates the security inside the team from the challenges outside.

She said that Sinek illustration and his ideas with fascinating true stories that range from the military to big business, from government to investment banking. At the end of the session, participants shared their views and gave some feedback. **T.Anandhavel**, II - Mechanical proposed the vote of thanks. **C.A.Narain**, II - CSE hosted the event. Nearly thirty one participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.30 p.m.

#### 6.1.18 Webinar on கல்கியின் பொன்னியின் செல்வன்: ஓர் அறிமுகம்

The Central Library Readers Park had organized a webinar on **கல்கியின் பொன்னியின் செல்வன்: ஓர் அறிமுகம்** on 21<sup>st</sup> November 2020 at 08.00 p.m. through online in connection with National Library Week Celebration jointly with our college National Service Scheme.

**M.Ramkumar**, II - CSE welcomed the gathering. **P.Akshaya**, II - EEE explained about the Readers Park & Central Library. **C.A.Narain**, II - CSE explained about National Library Week. **T.N.Ragul**, II – CSE introduced **Dr.S.Tamil Selvi**. **Dr.S.Tamil Selvi**, Professor / ECE & Dean Academic, NEC had delivered the presidential address. **R.Anu**, II – IT introduced the Chief Guest.

Today on this webinar on request of us our chief guest gave his time to us. **M.Rajamansingh**, Assistant Director (Rtd.), Office of the Regional joint Director of Collegiate Education, Chennai on the topic '**Kalkiyin Ponniiyan Selvan: An Introduction**'.

The guest said that the Ponniiyan Selvan is a historical novel by Kalki Krishnamurthy, written in Tamil. In five volumes, or about 2210 pages, it tells the story of early days of Arulmozhivarman, who later became the great Chola emperor Rajaraja Chola - I. The author took more than three years to write the book. Kalki visited Sri Lanka three times to gather information for it.

Ponniiyan Selvan is widely considered by many to be the greatest novel ever written in Tamil literature. It was first published as a series in the Kalki, a Tamil magazine, during 1950s and was later compiled as a novel. The craze for the series which was published weekly was such that it elevated the magazine circulation to reach a staggering figure of 71,366 copies no mean achievement in a newly independent India.

Even today, the novel has a cult following and fan base among people of all generations. The book continues to be admired and garner critical acclaim for its tightly woven plot, vivid narration, the wit of the dialogue, and the way in which the power struggle and intrigues of the Chola Empire were depicted.

He also explained some important characters in the novel are Vandhiyadevan, Azhwarkadiyan Nambi, Sambuvaraiyar, Kandanmaran alias Chinna Sambuvaraiyar, Periya Pazhuvettaraiyar, Theveraalan alias Parameswaran, Idumbankkari, Ravidasan, Soman Sambavan, Revadasa Kiramavithan, Madurantaka alias Amarabhujangan Nedunchezhiyan, Kundavai alias Ilaya Piratti, Vaanathi, Nandini, Senthana Amuthan, Vaani Ammal, Chinna Pazhuvettaraiyar, Sundara Chola alias Parantaka-II, Vanavan Mahadevi, Chembiyan Maadevi alias Periya Piratti, Pinaagapani, Aditya Karikalan, Thirukovalur Malaiyaman alias Milaadudaiyar, Parthibendra Pallava, Poonkuzhali, Thiyaaga Vidankar, Rakkammaal, Anbil Aniruddha Brahmarayar, Boodhi Vikrama Kesari alias Kodumbalur Periya Velar, Arulmozhivarman alias Raja Raja Chola-I alias Ponnaiyan Selvan, Mandakini Devi aka Singala Naachiyaar aka Oomai Rani, Murugaiyan, Manimekalai and Karuthiruman etc.

**S.Anumala**, II – EEE proposed the vote of thanks. **P.Akshaya**, II - EEE and **K.Vaidyanathan**, II - CSE hosted the event. Nearly one hundred and twelve participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 10.30 p.m.

#### 6.1.19 Webinar on Happiness Starts with You

The Central Library Readers Park had organized a webinar on 'Happiness Starts with You' on 26<sup>th</sup> November 2020 at 08.00 p.m. through Google meet. **S.Suji**, II - CSE welcomed the online gathering, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC delivered the presidential address. **G.Nithya**, II - CSE introduced the speaker.



**S.I.Jenefa**

**S.I.Jenefa**, IV - EIE delivered an online lecture on **Happiness Starts with You**.

America started a report in 2013 on Happiness and was shocked to see the result that America was in the 17th place even though it is a developed country. Then America came to know that the wealth is not at all a matter to be happy. The speaker told a small story. In a classroom, the teacher asked the students to write their names in the balloon and put it in a single basket. After some time, the teacher asked the students to get the balloon from the basket of their name. All the students went to the basket and searched for the balloon in which they wrote their names. All the balloons bring happiness but the students didn't accept the other balloons (happiness). Happiness exists everywhere but we should accept it with the whole heart. Happiness is not ready-made; it is being made.

She also said another story. Once upon a time, there was a handsome boy. He was not happy. So, he went to a sage's place to visit him. He saw many people's walking around him. He met the sage only after two hours and said that, "I am not happy. Please help me to be happy". The sage asked the boy to take a spoon two drops of oil in it and come around the place without spilling a drop of oil. He returned to sage after going two rounds around the place without spilling a drop of oil. Sage asked the boy, "Whether you have seen the girls walking around you, the colorful jug place

in the dining hall”. The boy replied “NO”. The sage said the boy to go with the spoon and oil with confidence. Now the boy enjoyed by seeing the place and was very happy at that time. Then the sage said the secret that ‘To be happy, Do your work, practice with love and enjoy the whole world’.

In the book locker section **S.Anu Mala**, II ECE narrated the book **Karuvachi Kaviyam**, which was written by **Kavignar Vaira Muthu** and published in the year 2017 with 340 pages. At the end of the session, participants shared their views and gave some feedback. **K.Vaidyanathan**, II - CSE proposed the vote of thanks. **M.Ramkumar**, II - CSE hosted the event. Nearly thirty four participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.30 p.m.

#### 6.1.20 Webinar on Alone Together

The Central Library Readers Park had organized a webinar on **Alone Together** held on 03<sup>rd</sup> December 2020 at 08.00 p.m. through Google meet. **R.Anu**, II - I.T. welcomed the online gathering, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC delivered the presidential address. **G.Vasuki**, II - EEE introduced the speaker.



**V.Sharmie**, II - EEE delivered an online lecture on **Alone Together**. She explained the impact of mobile phone in our day to day life and its various features. The mobile disconnects people to people without contact. She also said that the internet connection between families should be reduced and the relationship between the relatives should grow. She concluded her speech by explaining that the reality of life is lost by purposefully created mobile apps and that he gave the best examples of how to get out of the addictions of mobile.

Book locker was done by **C.Brintha**, III - IT. She explained about IKIGAI. IKIGAI is the Japanese word for ‘**a reason to live**’ or ‘**a reason to jump out of bed in the morning**’. It is a place where you can meet your needs, desires, ambitions and satisfaction. She concluded her speech by saying that this book, which is spreading warmth, patience and kindness, pulls you slowly on your own journey rather than pushing you from behind.

At the end of the session, participants shared their views and gave some feedback. **P.Vidhya**, II - ECE proposed the vote of thanks. **G.Vasuki**, II - EEE hosted the event. Nearly twenty six participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.20 p.m.

#### 6.1.21 Youth Talk India 2021 : The Massive Talkathon of India

ICT Academy, Tamil Nadu had organized **Youth Talk India 2021: The Massive Talkathon of India** contest during the month January 2021 in different levels to recognize young and powerful communicators. In this connection, NEC Readers Park has conducted preliminary speech contest through online on 9<sup>th</sup> December 2020 by 8.00 p.m.

**M.Ram Kumar**, II - CSE welcomed the online gathering. **P.Melchisedec Samuel**, IV - Mech. introduced the juries. **Dr.D.Manimegalai**, Professor & Head / IT, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), **S.Cammillus**, AP (SG) / ECE and **G.Pandiyarajan**, AP / IT had acted as juries for this event.

The following students competed for the opportunity to represent our college in the first level of the contest.

Sl. No.	Name	Roll No.	Year	Dept.	Mail ID	Mobile No.
1	ANANDHAVEL, T.	1910002	II	MECH	1910002@nec.edu.in	9486553473
2	VIGNESH SHANKAR, K.	1912119	II	CSE	1912119@nec.edu.in	7339221045
3	SHARMIE, V.	1913042	II	EEE	1913042@nec.edu.in	9487278752
4	ANU MALA, S.	1911056	II	ECE	1911056@nec.edu.in	9629896073
5	ALHASEENA, K.M.	1912051	II	CSE	1912051@nec.edu.in	9994153475
6	ROSHINI, S.	1912096	II	CSE	1912096@nec.edu.in	9360829449
7	SHYAMALA BHARATHI, E.	1712102	IV	CSE	2017-18cse42@nec.edu.in	9688630430

Various aspects and valuable points were discussed with humour and satire. Some points even highlighted like avoid looking down, improve eye contact, grammatical error, pronunciation, different between general talk and public speaking, avoid monotony in rhythm and allow a natural flow and thoughts etc. It was a tough fight and neck to neck competition, competitors made it difficult for the juries to decide.

All the above students were selected for the next round to represent our esteemed institution for ICT Academy Youth Talk India 2021: The Massive Talkathon of India - Season 7 preliminary Contest. The Organizer congratulated the students for final round selection.

**T.Anandhavel**, II - Mechanical proposed the vote of thanks. Nearly twenty students from various departments attended the event. **Dr.K.Karunai Raghavan**, Librarian, has coordinated the entire event in a successful manner.

### 6.1.22 Webinar on Learn more about 5G

The Central Library Readers Park had organized a webinar on **Learn more about 5G** on 17<sup>th</sup> December 2020 at 08.00 p.m. through Google meet. **S.Suji**, II - CSE welcomed the online gathering, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC had delivered the presidential address. **M.Ramkumar**, II - CSE introduced the speaker.



**S.Gurubharathi**, IV - ECE delivered an online lecture on **Learn more about 5G**. **S.Gurubharathi** She briefly introduced and explained about 5G, i.e. 5G is the fifth generation of wireless technology, 5G can be significantly faster than 4G, delivering up to 20 Gigabits-per-second (GBPS) peak data rates and 100+ Megabits-per-second (MBPS) average data rates. 5G has more capacity than 4G. 5G is designed to support a 100x increase in traffic capacity and network efficiency. 5G has lower latency than 4G. She also explained what is 5G? & its benefits.

In the book locker section **S.Sujith**, III - EEE narrated the book **En Iniya Iyandhira** by **Sujatha**. He explained this book as an interesting to read. Sujatha's works are always magical which keeps one engaged. Even in 2020, this book is quite interesting with all those science fiction details.

At the end of the session, participants shared their views and gave some feedback. **K.Vaithyanathan**, II - CSE proposed the vote of thanks. **M.Ramkumar**, II - CSE hosted the event. Nearly twenty five participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.40 p.m.

### 6.1.23 Webinar on The Preamble of Indian Constitution

The Central Library Readers Park had organized a webinar on **The Preamble of Indian Constitution** on 24<sup>th</sup> December 2020 at 08.00 p.m. through Google meet.

**P.Vidhya**, II - ECE welcomed the online gathering, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC had delivered the presidential address.

**T.N.Ragul**, II - CSE introduced the speaker. **E.Shyamala Bharathi**, IV - CSE

delivered an online lecture on **the Preamble of Indian Constitution**. She shortly **E.Shyamala Bharathi** explained about the preamble of the Constitution of India in a brief introductory statement that sets out guidelines, which guides the people of the nation, and presents the principles of the Constitution, and indicates the source from which the document derives its authority, and meaning. It reflects the hopes and aspirations of the people.

In the preamble to the Constitution of India, we, the people of India, have solemnly resolved to constitute India into a Sovereign, Socialist, Secular, Democratic, Republic and to secure all its citizens.

Justice, social, economic and political, Liberty of thought, expression, belief, faith and worship, Equality of status and of opportunity and to promote among them all Fraternity assuring the dignity of the individual and the unity and integrity of the Nation.

The preamble can be referred as the preface which highlights the entire Constitution. It was adopted on 26 November 1949 by the Constituent Assembly and came into effect on 26 January 1950, celebrated as the Republic day in India. Preamble was made in 1947 but adopted in 1949.

In the book locker section **A.Aiswaryaa**, IV - CSE narrated the book **Becoming a Mentality Monster** by **Thomas Jacob**. She narrated that book as a step by step guide in developing a powerful mind and achieving goals. What is a Mentality Monster? etc.

At the end of the session, participants shared their views and gave some feedback. **K.Vaithiyathan**, II - CSE proposed the vote of thanks. **T.N.Ragul**, II - CSE hosted the event. Nearly thirty six participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.30 p.m.



### 6.1.24 Webinar on Social Stratification

The Central Library Readers Park had organized a webinar on **Social Stratification** on 31<sup>st</sup> December 2020 at 08.00 p.m. through Google meet.

**S.Anu Mala**, II - ECE welcomed the online gathering. **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC delivered the presidential address.

**S.Mugila**, III - Civil delivered an online lecture on **Social Stratification**. She explained about the social stratification. Which refers to a society's categorization of its people into groups based on socioeconomic factors like wealth, income, race, education, ethnicity, gender, occupation, social status, or derived power (social and political). As such, stratification is the relative social position of persons within a social group, category, geographic region, or social unit.

She also explained In modern Western societies, social stratification is typically defined in terms of three social classes: the upper class, the middle class, and the lower class; in turn, each class



**S.Mugila**



can be subdivided into the upper-stratum, the middle-stratum, and the lower stratum. Moreover, a social stratum can be formed upon the bases of kinship, clan, tribe, or caste, or all four.

The structures of social stratification arises from inequalities of status among persons, therefore, the degree of social inequality determines a person's social stratum. Generally, the greater the social complexity of a society, the more social stratification exists, through social differentiation. At the end of the session, participants shared their views and gave some feedback. **T.Anandhavel**, II - Mechanical proposed the vote of thanks. **S.M.Jeya Ramani**, III - CSE hosted the event. Nearly twenty six participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.15 p.m.

### 6.1.25 Webinar on Human Rights for Women and Girl Children

The Central Library Readers Park had organized a webinar on **Human Rights for Women and Girl Children** on 7<sup>th</sup> January 2021 at 08.00 p.m. through Google meet. **M.Ramkumar**, II - CSE welcomed the online gathering, **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC delivered the presidential address. **G.Vasuki**, II - EEE introduced the speaker.



**S.M.Jeya Ramani**, III - delivered an online lecture on **Human Rights for Women and Girl Children**. She explained about the Human Rights are universal, and civil, political, economic, social and cultural rights belong to all human beings, including women and girls children. Girl-children are particularly vulnerable to certain human rights violations, and therefore require additional protections.

The human rights of children and the girl-child are explicitly set out in the convention on the rights of the Child, the most widely ratified human rights treaty in history. They are also contained in other human rights documents including the Universal Declaration, the Covenants, CEDAW, and other widely adhered to international human rights treaties and Declarations.

In the book locker section **S.Subhashree**, III - IT narrated the book **Think and Grow Rich** written by **Napoleon Hill in 1937**. She promoted it as a personal development and self-improvement book, the book has been sold more than 15 million copies. There are several courses created from the *Think and Grow Rich* content and principles. Earl Nightingale co-created with Napoleon Hill a 30-minute audio summary of the book, titled "Think and Grow Rich: Instant Motivator".

At the end of the session, participants shared their views and gave some feedback. **S.Suji**, II - CSE proposed the vote of thanks. **G.Vasuki**, II - EEE hosted the event. Nearly twenty seven participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.30 p.m.

### 6.1.26 Webinar on Read Read & Read

The Central Library Readers Park had organized a webinar on **Read Read & Read** on 21<sup>st</sup> January 2021 at 08.00 p.m. through Google meet.

**S.Jeya Ramani**, II - CSE welcomed the online gathering, **G.Nithya**, II - CSE introduced the speaker. **K.Pershi**, IV - CSE, delivered an online lecture on **Read Read & Read**. She explained reading and delivered some significant number of



K.Pershi

benefits of reading to get you to start reading.

- ✓ Mental Stimulation
- ✓ Stress Reduction
- ✓ Knowledge
- ✓ Vocabulary Expansion
- ✓ Memory Improvement
- ✓ Stronger Analytical Thinking Skills
- ✓ Improved Focus and Concentration
- ✓ Better Writing Skills
- ✓ Tranquility
- ✓ Free Entertainment

Finally she said that step away from your computer for a little while, crack open a book, and replenish your soul for a little while.

At the end of the session, participants shared their views and gave some feedback. **S.Mugila**, III - Civil, proposed the vote of thanks. **G.Nithya**, II - CSE hosted the event. Nearly eighteen participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.00 p.m.

#### 6.1.27 Webinar on The Science Behind Indian Tradition

The Central Library Readers Park had organized a webinar on **The Science behind Indian Tradition** on 28<sup>th</sup> January 2021 at 08.00 p.m. through Google meet. **S.Suji**, II - CSE welcomed the online gathering. **C.A.Narain**, II - CSE, delivered an online lecture on **The Science behind Indian Tradition**.



**C.A.Narain**

**C.A.Narain**, II - CSE had briefly explained about **the Science Behind Indian Tradition**, Traditions in Hinduism were considered mainly as superstitions, but with the advent of science, it is becoming evident that these traditions are based on some scientific knowledge and moved from generations to generations as traditions. Though the common people did not know science in it, they were following it very faithfully over the years. This webinar is an attempt to bring forward the science involved in these traditions and rituals...

**Throwing coins into a River:** The general reasoning given for this act is that it brings Good Luck. However, scientifically speaking, in ancient times, most of the currency used was made of copper unlike the stainless steel coins of today. Copper is a vital metal very useful to the human body. Throwing coins in the river was one way our fore-fathers ensured we intake sufficient copper as part of the water as rivers were the only source of drinking water. Making it a custom ensured that all of us follow the practice.

**Joining both palms together to greet:** In Hindu culture, people greet each other by joining their palms - termed as "Namaskar." The general reason behind this tradition is that greeting by joining both the palms means respect. However, scientifically speaking, joining both hands ensures joining the tips of all the fingers together; which are denoted to the pressure points of eyes, ears, and mind. Pressing them together is said to activate the pressure points which helps us remember that person for a long time. And, no germs since we don't make any physical contact!



He also explained, why do Indian women wear toe rings? Why applying Tilak on the forehead, why do temples have bells? Why do we have Navratras? Why do we worship 'Tulsi' plant? Why do we worship Peepal Tree!'. Further, Start with spice, end with sweet, Sikha on the male head, applying Mehndi / henna on hands, celebration and cleaning during Diwali, sitting on a floor and eating, why not sleep with your head towards North? and Surya Namaskar etc.

In the book locker section **G.Vasugi**, II - EEE narrated the book '**Life's Amazing Secrets** by **Gaur Gopal Das**: How to Find Balance and Purpose in Your Life'. Stop going through life, Start growing through life! While navigating their way through Mumbai's horrendous traffic, Gaur Gopal Das and his wealthy young friend Harry get talking, delving into concepts ranging from the human condition to finding one's purpose in life and the key to lasting happiness. Whether you are looking at strengthening your relationships, discovering your true potential, understanding how to do well at work or even how you can give back to the world, Gaur Gopal Das takes us on an unforgettable journey with his precious insights on these areas of life. Das is one of the most popular and sought-after monks and life coaches in the world, having shared his wisdom with millions. His debut book, Life's Amazing Secrets, distils his experiences and lessons about life into a light-hearted, thought-provoking book that will help you align yourself with the life you want to live.

At the end of the session, participants shared their views and gave some feedback. **T.N.Ragul**, II - CSE, proposed the vote of thanks. **G.Vidhya**, II – CSE hosted the event. Nearly twenty nine participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.15 p.m.

### 6.1.28 Webinar on Mechanical Reading

The Central Library Readers Park had organized a webinar on **Mechanical Reading** on 4<sup>th</sup> February 2021 at 08.00 p.m. through Google meet.

**G.Nithya**, II -CSE welcomed the online gathering, **K.Vaidyanathan**, II - CSE introduced the speaker. **S.Roshini**, II - CSE and **A.Vijaya Priyanka**, II - CSE, delivered an online lecture on **Mechanical Reading**.

**Reading:** Reading is an essential skill for learners. When your reading skills improve your listening, speaking and writing skills improve too. If you want to improve your ability, learn to love reading. The best readers often get the best grades, jobs and opportunities.

**Mechanical Reading:** When we talk of reading a book or for that matter, any written material, it is implied that we are talking of reading with understanding or comprehension of the meaning of what is written. This type of reading is known as mechanical reading.

#### Reading Habits of Ultra Successful People:

- ✓ **Bill Gates** reads about 50 books per year, which mean one book per week
- ✓ **Mark Cuban** reads more than 3 hours every day
- ✓ **Elon Musk** is an avid reader and when asked how he learned to build rockets, he said 'I read books.'



S.Roshini



A.Vijaya Priyanka

- ✓ **Mark Zuckerberg** resolved to read a book every 2 weeks
- ✓ **Oprah Winfrey** selects one of her favourite books every month for her Book Club members to read and discuss.

And these are not just isolated examples. A study of 1200 wealthy people found that they all have reading as a pastime in common. But successful people don't just read anything. They are highly selective about what they read and they believe that books are a gateway to learning and knowledge.

At the end of the session, participants shared their views and gave some feedback. **G.Vasuki**, II - EEE, proposed the vote of thanks. **K.Vaidyanathan**, II - CSE hosted the event. Nearly seventeen participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.15 p.m.

### 6.1.29 Webinar on Live Your Dream

The Central Library Readers Park had organized a webinar on **Live Your Dream** on 11<sup>th</sup> February 2021 at 08.00 p.m. through Google meet.

**C.A.Narain**, II - CSE welcomed the online gathering. **K.Divya Sri**, [CSE 2016 - 2020 Batch], delivered an online lecture on **Live Your Dream**.



**K.Divya Sri**

The Speaker **K.Divya Sri** started with self-introducing to the participants present in the webinar. She did her B.E Degree in National Engineering College with Big Dreams. Now she is Anchoring two Radio Shows namely 'Nila Nila Odi Vaa' in the radio channels 'Midday FM' and 'HiFi FM'.

She gave tips to achieve and chase your goals in your life with full motivation:

- ✓ Don't waste time
- ✓ Hear motivational songs and movies while you feel down
- ✓ Failure leads to success, there is very small gap between failure and success
- ✓ Do good things which don't hurt others
- ✓ Be unique
- ✓ All seeds don't become a tree
- ✓ Chase your dreams as like roots run for water
- ✓ World reflects what and how you see it
- ✓ See your life like a FDFS movie in theatre with excitement
- ✓ Never underestimate your work and job
- ✓ Receive a day with a surprise
- ✓ Take your first step towards your goal today

She also said an inspiring story of Masari, who is a foreign painter. She was born in a rich family and lived in 1980's. One day, while travelling in a car, she met with an accident and she lost her hands. Later when she was ready to paint an art but her family refused to do it. But she did the painting with perfection, with full motivation in spite of being bedridden. She was appreciated by all of them. Then she moved to wheel chair and motivated herself, 'I can paint an art in the bed

itself then my painting will be even better when I am in a Wheel Chair'. She is one of the best painters (artist) in that country. Try with confidence definitely you will win the world. At the end of the session, participants shared their views and gave some feedback. **C.Brindha**, III -IT, proposed the vote of thanks. **G.Nithya**, II – CSE hosted the event. Nearly twenty nine participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.00 p.m.

#### 6.1.30 Webinar on Introduction to IoT

The Central Library Readers Park had organized a webinar on **Introduction to IoT** on 18<sup>th</sup> February 2021 at 08.00 p.m. through Google meet. **R.Ananthi**, II - IT welcomed the online gathering. **G.Vidhya**, II - CSE introduced the speaker. **V.Sivasankari**, II - IT, delivered an online lecture on '**Introduction to IoT**'. She had briefly explained that the Internet of Things (IoT) is a system of interrelated computing devices, mechanical and digital machines, objects,



**V.Sivasankari**

animals or people that are provided with unique identifiers and has the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction.

At the end of the session, participants shared their views and gave some feedback. **G.Vasuki**, II - EEE, proposed the vote of thanks. **L.Nishanthi**, IV - ECE hosted the event. Nearly twenty six participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.10 p.m.

#### 6.1.31 Webinar on The Technologies Behind Human

The Central Library Readers Park had organized a webinar on **The Technologies behind Human** on 25<sup>th</sup> February 2021 at 08.00 p.m. through Google meet. **K.Vignesh Shankar**, II - CSE, welcomed the online gathering. **G.Vasuki**, II - EEE introduced the speaker. **M.Ramkumar**, II - CSE, delivered an online lecture on **The Technologies behind Human**.



**M.Ramkumar**

He had briefly explained the technologies behind Human such as the impact of technical inventions, living with those inventions, current top technologies and upcoming technologies. He explained about current top technologies viz., Artificial Intelligence, Data Science, Internet of Things, Block-chain, Robotic Process Automation and Virtual Reality, and also explained about upcoming technologies viz Edge Computing, Quantum Computing, Agricultural Robotics, Vertical Farming, Spintronics, Twinronics, 6G Cellular Communications and Artificial Brain. At the end of the session, participants shared their views and gave some feedback. **T.Ananthavel**, II - Mech., proposed the vote of thanks. **G.Vasuki**, II - EEE hosted the event. Nearly thirty one participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.20 p.m.

#### 6.1.32 Webinar on One Nation, One Ideology

The Central Library Readers Park had organized a webinar on **One Nation, One Ideology** on 4<sup>th</sup> March 2021 at 08.00 p.m. through Google meet. **M.Ramkumar**, II - CSE, welcomed the online gathering. **G.Nithya**, II - CSE introduced the speaker. **S.Ajay Rajendran**, II - CSE, delivered an online lecture on **One Nation, One Ideology**.

One Nation Conservatism, also known as one Nationism or Tory democracy, is a paternalistic form of British political conservatism.

One Nation One Ideology advocates the preservation of established institutions and traditional principles within a political democracy, in combination with social and economic programmes designed to benefit the ordinary person.

According to this political philosophy, society should be allowed to develop in an organic way, rather than being engineered. He argued that members of society have obligations towards each other and particularly emphasizes paternalism, meaning that those who are privileged and wealthy pass on their benefits. He argued that these elite should work to reconcile the interests of all classes, including labour and management, rather than identifying the good of society solely with the interests of the business class. It is needed in order to ensure equality, organic development for the nation's welfare instead of Engineering and it will also uplift the common people's lives and will maintain the nation sovereignty.

At the end of the session, participants shared their views and gave some feedback. **T.Ananthavel**, II - Mech., proposed the vote of thanks. **G.Nithya**, II - CSE hosted the event. Nearly sixteen participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.20 p.m.



**S.Ajay Rajendran**

### 6.1.33 Webinar on Problem Solving Skills in the Workplace

The Central Library Readers Park had organized a webinar on **Problem Solving Skills in the Workplace** on 18<sup>th</sup> March 2021 at 08.00 p.m. through Google meet online. **S.M.Jeya Ramani**, III - CSE, welcomed the online gathering. **P.Ganga Devi**, III - ECE, delivered an online lecture on **Problem Solving Skills in the Workplace**. She spoke about the problems encountered on a daily basis in everyone's life. Some problems may be small while some may be difficult and complex. She said a person's ability to face with these problems and finding an effective solution to these problems shows how much better his interpersonal skills are.



**P.Ganga Devi**

Similarly, in the workplace, we encounter lots of problems in our day-to-day work. The basic requirement for any employee is to find an effective and optimal solution to his problems. The skill should not be limited to finding a solution, but also the ability to identify the problem, analyze its impact on the business, prioritize it and come up with the optimal solution to solve it. She said, even though we are accustomed to solving problems in our daily lives, we need to deal with work-related problems differently. She spoke on the need to use different techniques and methods and to solve problems in a constructive way. She also explained about the identification of problems, analyzing the problem, proposing solutions, decision making, implementing solutions and monitoring.

In the book locker section **T.N.Ragul**, II – CSE narrated the book **Steal like an Artist by Austin Kleon**. He gave a brief review of this book and explained about ten formulas such as the book itself makes for a quick and stimulating read, steal like an artist, fake it till you make it, write the book you want to read, use your hands, side projects and hobbies are important, share your work with people, geography is no longer our master, be nice not be boring and creativity is subtraction. At the end of the session, participants shared their views and gave some feedback. **C.Brindha**,

III - IT, proposed the vote of thanks. Nearly twenty seven participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.10 p.m.

#### 6.1.34 Webinar on Salient Features of NEP 2020: Higher Education

The Central Library Readers Park had organized a webinar on **Salient Features of NEP 2020: Higher Education** on 25<sup>th</sup> March 2021 at 08.00 p.m. through Google meet. **T.N.Ragul**, II - CSE, welcomed the online gathering. **V.Benisha**, IV - EEE, delivered an online lecture on **Salient Features of NEP 2020: Higher Education**. She spoke that the National Policy on Education was framed in 1986 and then modified in 1992. The NEP 2020 is the first education policy of the 21st century and replaces the thirty-four-year-old National Policy on Education (NPE), 1986.



V.Benisha

Built on the foundational pillars of Access, Equity, Quality, Affordability, and Accountability, this policy is aligned to the 2030 Agenda for Sustainable Development and aims to transform India into a vibrant knowledge society and global knowledge superpower by making both school and college education more holistic, flexible, multidisciplinary, suited to 21st century needs and aimed at bringing out the unique capabilities of each student. The aim must be for India to have an education system by 2040 that is second to none, with equitable access to the highest-quality education for all learners regardless of social or economic background.

**She also explained some salient features of NEP 2020 - Higher Education:**

- Quality Universities & Colleges: A New and Forward-looking Vision for India's Higher Education System
- Institutional Restructuring and Consolidation
- Towards a More Holistic and Multidisciplinary Education
- Optimal Learning Environments and Support for Students
- Motivated, Energized, and Capable Faculty
- Equity and Inclusion in Higher Education
- Teacher Education & Reimagining Vocational Education
- Catalysing Quality Academic Research in All Fields through a new National Research Foundation
- Transforming the Regulatory System of Higher Education
- Effective Governance and Leadership for Higher Education Institutions

In the book locker section **K.Vaidyanathan**, II – CSE narrated the book **Paramartha Guru Stories** by **Rathika Krishnan**. At the end of the session, participants shared their views and gave some feedback. **C.A.Narain**, II - CSE, proposed the vote of thanks. **G.Nithya**, II - CSE hosted the event. Nearly twenty nine participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.00 p.m.

#### 6.1.35 Webinar on Theory of Social Computing

The Central Library Readers Park had organized a webinar on **Theory of Social Computing** on 01<sup>st</sup> April 2021 at 08.00 p.m. through Google meet. **T.Anandhavel**, II – Mechanical, welcomed the online gathering. **G.Dhanarajan**, II - CSE, delivered an online lecture on **Theory of Social**

**Computing.** He said that Social computing (SoC) is basically the use of computers for social purposes. It is based on the fact that humans are social creatures. We are sensitive to the behavior of those around us. We talk with our family, friends, and co-workers. Social interactions contribute meaning, fulfillment, and richness to our life. In social computing, the Internet enables users to interact through several media such as blogs, Wikis, social bookmarking, instant messaging, social communities and online business networks. People are involved in social computing and are interacting in a broad spectrum of social and commercial activities.



G.Dhanarajan

In less than three decades, three significant paradigms of social computing have emerged. These are groupware, social software, and mobile social software. Social computing can therefore be treated as a general umbrella term that includes several paradigms.

Social computing is closely related to economic computing. They share common underlying technologies. An economic system may be regarded as part of a social system and social computing technologies can facilitate the development of economic computing.

In the book locker section **A.S.Sowmiya**, II – EEE narrated the book **Nilai** by **Vannadasan**. At the end of the session, participants shared their views and gave some feedback. **P.Vidhya**, II - ECE, proposed the vote of thanks. **T.N.Ragul**, II - CSE hosted the event. Nearly twenty two participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.30 p.m.

#### 6.1.36 Webinar on Art and Culture of India

The Central Library Readers Park had organized a webinar on **Art and Culture of India** on 8<sup>th</sup> April 2021 at 08.00 p.m. through Google meet. **S.Suji**, II – CSE, welcomed the online gathering. **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), NEC has delivered the presidential address.



S.Sindhumala

**S.Sindhumala**, IV - ECE, delivered an online lecture on **Art and Culture of India**. She spoke that culture plays an important role in the development of any nation.

It represents a set of shared attitudes, values, goals and practices. Culture and creativity manifest themselves in almost all economic, social and other activities. The country was diverse as India is symbolized by the plurality of its culture. India has one of the world's largest collections of songs, music, dance, theatre, folk traditions, performing arts, rites and rituals, paintings and writings that are known, as the 'Intangible Cultural Heritage' (ICH) of humanity. Further, she also spoke about the art and culture it's comprehensive information related to cultural heritage, ancient monuments, literary arts, visual arts, schemes, programmes, performing arts, fairs and festivals and handicrafts of India.

In the book locker section **L.Priya Dharshini**, IV – EIE narrated the book **IKIGAI: The Japanese Secret to a Long and Happy Life** by **Hector Garcia and Francesc Miralles**.

At the end of the session, participants shared their views and gave some feedback. **K.Vignesh Shankar**, II - CSE, proposed the vote of thanks. **S.M.Jeya Ramani**, III - CSE hosted the event. Nearly thirty one participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.15 p.m.



### 6.1.37 Webinar on Artificial Intelligence

The Central Library Readers Park had organized a webinar on **Artificial Intelligence** on 22<sup>nd</sup> April 2021 at 08.00 p.m. through Google meet. **R.Yamini Rajam**, II - EEE, welcomed the online gathering. **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), had delivered the presidential address. **R.Anu**, II – IT, introduced the speakers.



**K.Karthik Saran**, II - CSE, delivered an online lecture on **Artificial Intelligence**. **K.Karthik Saran**

Artificial Intelligence (AI) is intelligence demonstrated by machines, as opposed to the natural intelligence displayed by humans or animals. Leading AI textbooks define the field as the study of "intelligent agents" any system that perceives its environment and takes actions that maximize its chance of achieving its goals. Some popular accounts use the term 'Artificial Intelligence' to describe machines that mimic 'cognitive' functions that humans associate with the human mind, such as "learning" and "problem-solving". AI applications include advanced web search engines, recommendation systems (used by YouTube, Amazon and Netflix), understanding human speech (such as Siri or Alexa), self-driving cars (e.g. Tesla), and competing at the highest level in strategic game systems (such as chess and Go), As machines become increasingly capable, tasks considered to require "intelligence" are often removed from the definition of AI, a phenomenon known as the AI effect. For instance, optical character recognition is frequently excluded AI, having become a routine technology.

In the book locker section **K.Raja Nanthini**, III – CSE narrated the book **Perunthalaivar Kamarajar** by **S.K.Murugan**. At the end of the session, participants shared their views and gave some feedback. **R.Ananthi**, II - IT, proposed the vote of thanks. **A.Muthulakshmi**, II - IT hosted the event. Nearly nineteen participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 08.50 p.m.

### 6.1.38 Webinar on Cultural Education

The Central Library Readers Park had organized a webinar on **Cultural Education** on 27<sup>th</sup> May 2021 at 08.00 p.m. through Google meet. **M.Ram Kumar**, II - CSE welcomed the online gathering. **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), had delivered the presidential address. **S.M.Jeya Ramani**, III - CSE introduced the speakers.



**G.Dhanarajan**

The speakers **G.Dhanarajan**, II - CSE, delivered an online lecture on **Cultural Education**. He explained that cultural education consists of the capacity for reflection. He also said children and youngsters learn to reflect upon their own culture, the culture of others and culture in general. And this capacity for reflection is in principle trained in many different forms: it can be through journalism for instance or through history and also through arts. Arts are not only the main forms of cultural self consciousness but also philosophy and science. All these forms of reflection together are known as cultural education. Further, he spoke that teaching this to children is very important because it helps them to grow up and to function in a cultural manner.

In the book locker section **S.M.Jeya Ramani**, III – CSE narrated the book **Iliad and Odyssey** by **Homer**. 'For all creatures that breathe and move on earth, none is more to be pitied than a man.' An



ancient Greek poem, Homer's The Iliad is one of the greatest epics of Western literature. The story depicts the critical events during the last few weeks of the final year of the Trojan War as Homer provides glimpses of the past events that led to the catastrophic war, and insights into the future through the prophecies of Achilles' looming death and the fall of Troy. Interwoven with the moving descriptions of the ebb and flow of the battle, The Iliad presents an appalling view of the world and human life living under the umbrage of death and suffering.

**G.Vasuki**, II - EEE proposed the vote of thanks. **K.Vignesh Shankar**, II - CSE hosted the event. Nearly twenty seven participants had actively participated in the event. Active Readers Park members coordinated the entire event in a successful manner. The webinar came to an end at 09.20 p.m.

### 6.1.39 Elsevier (Science Direct) User Awareness Programme

The Central Library Readers Park had organized **Elsevier (Science Direct) User Awareness Programme** on 28<sup>th</sup> May 2021 through WebEx.

Science Direct combines authoritative, full-text scientific, technical and health publications with smart, intuitive functionality so that users can stay informed in their fields and can work more effectively and efficiently.



Lavanya Trikha

NEC Central Library has subscribed Science Direct - Elsevier since 2012. Now, we had organized **User Awareness Programme** on Elsevier Engineering & Computer Science and Ebooks demo.

**M.Ramkumar**, II - CSE student welcomed the online gathering. **Dr.S.Tamil Selvi**, Professor / ECE & Dean (Academic), delivered presidential address. **S.M.Jeya Ramani**, III - CSE student introduced the Chief Guests.



Rahul Anand

**Lavanya Trikha**, Elsevier Solutions Consultant – Research Reference, India and **Rahul Anand**, Account Manager - Elsevier, Research Solutions Sales, South and East India had acted as Chief Guests.

The Elsevier Science Direct improves research performance. Anyone can use Science Direct to access, explore, discover, read and save research. Let Science Direct take to the research that brings answers. Become a Science Direct registered user to personalize features, receive alerts, track and share the work.

Elsevier - Science Direct facilitates millions of publications from full-text journal articles to authoritative books. Elsevier's stringent publishing standards guarantee quality publications. Journals are guided by eminent editorial boards and articles which are rigorously peer-reviewed.

Books on Science Direct cover 24 subject collections across disciplines such as Engineering, Biochemistry, Genetics, Molecular Biology, Chemistry, Clinical Medicine and veterinary medicine. Thousands of Elsevier journals, articles and book chapters are available on Science Direct as open access. Technology turns information into knowledge with efficient online tools. Science Direct features sophisticated search and retrieval tools that make it easy to discover more relevant journal articles and book chapters.

About 26 faculty members and students participated in this event. **G.Vasuki**, II - EEE delivered the vote of thanks. **Dr.K.Karunai Raghavan**, Librarian and active Readers Park members made the arrangements for this entire event in a grand success.

## 6.2 Readers Park Member's Awards & Achievements

### International Poetry Writing Competition

NEC Readers Park member **S.Suji** (1912030) II B.E. – C.S.E., participated in the ‘International Poetry Writing Competition’ during November 2020 conducted by All India Forum for English Students, Scholars and Trainers (AIFEST). She has secured ‘A Grade’ in the Open Category, Poets and Writers from 31 Countries of the world participated and showcased their talent in the online event.



### 6.3 Readers Park - Office Bearers 2020-21

<b>Advisors</b>	:	Dr.S.Shanmugavel, Director, NEC Dr.K.Kalidasa Murugavel, Principal, NEC
<b>Convener</b>	:	Dr.S.Tamil Selvi, Dean (Academic) & Prof. (ECE)
<b>Coordinator</b>	:	Dr.K.Karunai Raghavan, Librarian
<b>Members (Staff)</b>	:	Ms.S.Jeba, Soft Skill Trainer Mr.R.T.Karthick, Faculty (Competitive Exams) Mr.T.Rajan, Assistant Librarian
<b>President</b>	:	Ms.L.Nishanthi - IV – ECE
<b>Vice Presidents</b>	:	Mr.Stephen S. Billigraham- IV – Mech. Mr.N.Aagash - IV– Civil Ms.P.Sanmathi - III – Civil Mr.C.A.Narain - II – CSE
<b>Secretary</b>	:	Mr.S.Guru Vasanth - IV – Mech.
<b>Joint Secretaries</b>	:	Ms.E.Shyamala Bharathi - IV – CSE Mr.P.Melchisetec Samuel - IV – Mech. Ms.S.Mugila - III – Civil Mr.G.Vasuki - II – EEE
<b>Treasurer</b>	:	Mr.K.Vaidyanathan - II – CSE
<b>Co - Treasurer</b>	:	Mr.T.N.Ragul - II – CSE

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<b>PRO</b>	:	Ms.S.Suji	-	II – CSE
<b>Executive Members</b>	:	Ms.S.Guru Bharathi	-	IV – ECE
		Ms.T.A.Nanthini	-	IV – ECE
		Ms.R.Roshini	-	IV – ECE
		Ms.C.Brindha	-	III – IT
		Ms.A.Subitsha	-	II – ECE
		Ms.N.Abinaya	-	II – Civil
		Ms.V.Shivasangari	-	II – IT
		Ms.S.Ishwarya	-	II – IT
<b>Members</b>	:	Mr.D.Manoj Kumar	-	IV – Mech.
		Mr.P.Sudharsan	-	IV – Mech.
		Mr.A.Suriyaprabhakar	-	IV – Mech.
		Ms.K.Sangeetha	-	IV – ECE
		Ms.E.J.Priyadharsini	-	IV – ECE
		Ms.M.Lalitha	-	IV – ECE
		Ms.S.Jency Viola	-	IV – ECE
		Mr.A.Mohamed Arif	-	III – CSE
		Ms.R.Yogitha Lakshmi	-	III – CSE
		Ms.S.Infant Anto Edin	-	III – CSE
		Mr.V.B.Sivaramkumar	-	III – Mech.
		Mr.K.Karthick Kishore	-	II – Mech.

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## 7. Support to the Students for Self e-Learning & Extension Services / Activities:

Self-Learning can be challenging, even for the brightest and most motivated students. Students need various skills towards successful independent / self-learning study. In this regard, NEC Central Library had established **Quality Improvement Cell (QIC)** under the guidelines of Anna University, Chennai.

### 7.1 Quality Improvement Cell (QIC):

Since 2014, through Quality Improvement Cell (QIC), the faculty members and students are exposed to various resources such as SWAYAM NPTEL, IIT Madras, FOSS Courses, Spoken Tutorial, IIT Bombay and other online courses etc. for the improvement in Teaching and Learning processes.

### 7.2 SWAYAM - NPTEL Local Chapter, IIT Madras:






NPTEL, IIT Madras has been offering self-study courses across engineering, humanities and science streams for more than a decade. Central Library explored this initiative forward and encouraged more students and faculty members across the colleges to participate. NPTEL, IIT Madras has set up **SWAYAM-NPTEL Local Chapter** in colleges. In NEC, **Dr.K.Karunai Raghavan**, Librarian of the college, acted as Single Point of Contact (SPOC).

#### NPTEL Local Chapter 'A' Rating


SWAYAM NPTEL, IIT Madras has recognized our College as a valuable NPTEL Local Chapter with a rating of 'A' based on the performance in NPTEL Online Certification courses during **January - December 2020**. [Rating of NPTEL Local Chapter: AAA (1-10), AA (11-50) and A (51-100)]

#### SWAYAM NPTEL Toppers: January - December 2020 Session

Faculty members and Students have been regularly attending the SWAYAM NPTEL Online courses to update their knowledge in the relevant field. The following faculty members have attained NPTEL online exam toppers during the period **January – December 2020**.

Software Testing	Automation in Manufacturing	Advances in UHV Transmission and Distribution	Principles of Vibration Control	Selection of Nanomaterials for Energy Harvesting and Storage Application
				
<b>Dr.M.Bhuvaneshwari</b> AP (SG) / CSE, 90% 2% Topper	<b>Ramanan, P.</b> AP(SG) / Mech., 94% Elite + Gold	<b>Kumar, K.</b> AP / EEE, 85%, 5% Topper	<b>Andrews, A.</b> AP / Mech., 81% Topper	<b>Dr.R.Harichandran,</b> Asso. Prof. / Mech. 77%, 5% Topper

The following student has attained the SWAYAM - NPTEL online exam Toppers during the period **January - December 2020**.

Technical English for Engineers

Guru Prasad, M. I - B.E. - ECE, 85% 2% Topper

**SWAYAM NPTEL Discipline Star:**

The following faculty members have been recognized as NPTEL Discipline Star July 2020 - June 2021 by SWAYAM NPTEL, IIT Madras.

			
Shunmugalakshmi, G.S. AP / EEE Electrical Engineering (Dec-2020)	Dheenathayalan, S. AP / CSE Computer Science & Engineering (Dec-2020)	Manjula Devi, R. AP(SG) / ECE, Electrical Engineering (Jan – Apr 2021)	Dr. A. Panimaya Valan Rakkini, AP / S&H Physics (Jan – Apr 2021)

**SWAYAM NPTEL Results during Jan. – Dec. 2020 (Dept. wise)**

Sl. No.	Dept.	Appeared	Certified	Participated	Success	Elite	Elite + Silver	Elite + Gold	Toppers
1	S & H	190	167	23	60	91	16		1
2	C.S.E.	131	39	92	5	25	8	1	1
3	Mechanical	108	65	43	22	32	10	1	2
4	E.C.E.	25	18	7	4	7	7		
5	E.E.E.	24	20	4	1	13	6		1
6	I.T.	16	9	7	3	5	1		
7	Civil	8	7	1	1	5	1		
8	E.I.E.	3	3			1	2		
<b>Total</b>		<b>505</b>	<b>328</b>	<b>177</b>	<b>96</b>	<b>179</b>	<b>51</b>	<b>2</b>	<b>5</b>

**SWAYAM NPTEL Results during Jan. – Dec. 2020 (Course wise)**

Sl. No.	Name of the Course	Appeared	Certified
1	Advanced Machining Processes	1	1
2	Advances in UHV Transmission and Distribution	3	3
3	Application of Spectroscopic Methods in Molecular Structure Determination	2	2
4	Automatic Control	1	1
5	Automation in Manufacturing	4	4
6	Biomedical Nanotechnology	2	2
7	BioMEMS and Microfluidics	1	1
8	Body Language: Key to Professional Success	1	1
9	Chemical Crystallography	1	0
10	Compiler Design	1	1
11	Computer Networks and Internet Protocol	2	2
12	Constrained and Unconstrained Optimization	1	1
13	Control Systems	3	2
14	Data Base Management Systems	1	1
15	Data Science for Engineers	1	1
16	Demystifying Networks	3	3
17	Design of Photovoltaic Systems	1	0
18	Electrical Equipment and Machines: Finite Element Analysis	1	1
19	Energy Conservation and Waste Heat Recovery	1	1
20	Engineering Mathematics – I	1	1
21	Enhancing Soft Skills and Personality	22	22
22	Evolution of Air Interface towards 5G	1	1
23	Foundation Engineering	1	1
24	Fundamentals of Artificial Intelligence	1	0
25	Fundamentals of Automotive Systems	1	0
26	Fundamentals of Conduction and Radiation	1	0
27	Fundamentals of Electrical Engineering	2	1
28	Fundamentals of Electronic Device Fabrication	1	1
29	Fundamentals of Manufacturing Processes	2	2
30	Fundamentals of MIMO Wireless Communication	1	1
31	Geosynthetics Testing Laboratory	1	1
32	Google Cloud Computing Foundations	2	0
33	Integrated Waste Management for a Smart City	18	14
34	Introduction to Composites	1	1
35	Introduction to Embedded System Design	1	1
36	Introduction to Industry 4.0 and Industrial Internet of Things	2	2

37	Introduction to Internet of Things	2	2
38	Introduction to Mechanical Micro Machining	4	1
39	Introduction to Programming in C	3	0
40	Introduction to Robotics	1	0
41	Introduction to Smart Grid	2	1
42	Introduction to Soft Computing	1	0
43	Municipal Solid Waste Management	32	5
44	Patent Drafting for Beginners	2	1
45	Plastic Waste Management	1	1
46	Principles of Metal Forming Technology	1	1
47	Principles of Vibration Control	1	1
48	Problem Solving through Programming in C	4	3
49	Product Design and Development	1	0
50	Programming in C++	4	0
51	Programming in Java	2	0
52	Programming, Data Structures and Algorithms using Python	80	4
53	Python for Data Science	30	19
54	Rapid Manufacturing	14	11
55	Reagents in Organic Synthesis	1	1
56	Real Analysis I	1	1
57	Recent Advances in Transmission Insulator	1	1
58	Refrigeration and Air-conditioning	1	1
59	Reinforced Concrete Road Bridges	1	1
60	Roadmap for Patent Creation	1	1
61	Selection of Nanomaterials for Energy Harvesting and Storage Application	4	4
62	Semiconductor Devices and Circuits	1	1
63	Software Engineering	1	1
64	Software Testing	3	3
65	Solar Energy Engineering and Technology	1	1
66	Solar Photovoltaics Fundamentals, Technology and Applications	1	1
67	Speaking Effectively	8	8
68	Switching Circuits and Logic Design	7	2
69	Technical English for Engineers	176	154
70	The Joy of Computing using Python	3	3
71	Thermo-Mechanical and Thermo-Chemical Processes	1	1
72	Work System Design	18	16
<b>Total</b>		<b>505</b>	<b>328</b>



### 7.3 FOSS Courses, Spoken Tutorial, IIT Bombay conducted online Workshops / Training & Online Test:

NEC Central Library organized various FOSS workshops and training programmes offered by the Spoken Tutorial, IIT Bombay during the period between June 2020 to July 2021 funded by NMEICT, MHRD, Government of India, coordinated by **Dr. K. Karunai Raghavan**, Librarian.

- ✓ **Mr.G.Pandiyarajan** AP/IT, acted as an organizer for FOSS Workshop on ‘Advanced C’ through Spoken Tutorial, IIT Bombay held on 02<sup>nd</sup> February 2021. Nearly 142 students participated.
- ✓ **Dr.S.Chidambaram**, AP(SG)/IT, acted as an organizer for FOSS Workshop on ‘Advanced C++’ through Spoken Tutorial, IIT Bombay held on 09<sup>th</sup> February 2021. Nearly 135 students participated.
- ✓ **Mr.S.Cammillus**, AP(SG)/ECE, acted as an organizer for FOSS Workshop on ‘C & C++’ through Spoken Tutorial, IIT Bombay held on 10<sup>th</sup> February 2021. Nearly 203 students participated.
- ✓ **Dr.S.Vimal**, AP(SG)/IT, acted as an organizer for FOSS Workshop on ‘JAVA’ through Spoken Tutorial, IIT Bombay held on 11<sup>th</sup> February 2021. Nearly 127 students participated.
- ✓ **Mr.K.Subramanian**, AP(SG)/ECE, acted as an organizer for FOSS Workshop on ‘Linux’ through Spoken Tutorial, IIT Bombay held on 12<sup>th</sup> February 2021. Nearly 65 students participated.
- ✓ **Dr.V.Jackins**, AP(SG)/IT, acted as an organizer for FOSS Workshop on ‘PHP & MySQL’ through Spoken Tutorial, IIT Bombay held on 15<sup>th</sup> February 2021. Nearly 95 students participated.
- ✓ **Mr.S.Daniel Raj**, AP/Civil, acted as an organizer for FOSS Workshop on ‘Blender’ through Spoken Tutorial, IIT Bombay held on 16<sup>th</sup> February 2021. Nearly 66 students participated.
- ✓ **Ms.J.E.Jeyanthi**, AP/ECE, acted as an organizer for FOSS Workshop on ‘Arduino’ through Spoken Tutorial, IIT Bombay held on 17<sup>th</sup> February 2021. Nearly 112 students participated.
- ✓ **Mr.I.Vivek Anand**, AP/ECE, acted as an organizer for FOSS Workshop on ‘Python’ through Spoken Tutorial, IIT Bombay held on 18<sup>th</sup> February 2021. Nearly 205 students participated.
- ✓ **Mr.R.Vigneshkumar**, AP/Mech., acted as an organizer for FOSS Workshop on ‘QCAD’ through Spoken Tutorial, IIT Bombay held on 19<sup>th</sup> February 2021. Nearly 83 students participated.

**FOSS, Spoken Tutorial, IIT Bombay – Online Assessment Test**

- ✓ Free and Open Source Software (FOSS) Online Assessment test was conducted by Spoken Tutorial, IIT Bombay through online during **June 2020 - July 2021** & the details were given below:

Sl. No.	Name of the FOSS Course	Date	Name of the Invigilator	No. of Students Appeared	No. of Students Certified
1	C/C++	26.04.2021	Ms.J.E.Jeyanthi, AP / ECE	65	58
2	JAVA	28.04.2021	Mr.V.Jackins, AP (SG) / IT	45	39
3	PHP & MySQL	03.05.2021	Dr.S.Chidambaram, AP (SG) / IT	72	54
4	Advanced C++	12.06.2021	Mr.G.Pandiyarajan, AP / IT	36	26
5	Arduino	19.07.2021	Mr.S.Cammillus, AP (SG) / IT	53	49
6	Python	20.07.2021	Mr.K.Subramanian, AP (SG) / ECE	89	72
7	Linux	23.07.2021	Dr.K.Karunai Raghavan, Librarian	36	28
8	Blender	26.07.2021	Dr.K.Karunai Raghavan, Librarian	60	28
9	QCAD	27.07.2021	Mr.K.Sudalaiyandi, AP / Mech.	79	53
<b>Total</b>				<b>535</b>	<b>407</b>

## HIGHLIGHTS (Academic Year 2020 - 2021)

- The Central Library subscribes to the **Science Direct (Elsevier)** Engineering & Computer Science and **IEEE (ASPP)** Core Collection of Engineering, Electronics and Computer Science online journals.
- It provides remote access using a **User ID** and **Password** for subscribed online journals.
- Sufficient number of systems are available in the **e-Library** section with Internet access facility to access the e-resources. Users can access it for educational, research and development purposes.
- The Institutional member of **DELNET (Developing Library Network)** New Delhi and **NDLI (National Digital Library of India)**
- **National Engineering College Central Library** and Society for the Advancement of Library and Information Science (SALIS) jointly organized a three days **International Virtual Conference on Challenges and Opportunities to Libraries and LIS Professionals in the Changing Global Scenario (SALIS 2020)** in collaboration with nine premier institutions in Tamil Nadu during 28th December 2020 to 30th December 2020.
- During the COVID -19 pandemic period NEC Central Library Readers Park had organized nearly **39 Technical and Non-Technical webinars**.

### SWAYAM NPTEL, IIT Madras:

Period	Appeared	Certified	Success	Elite	Elite + Silver	Gold	Toppers	Ranking
Jan - Dec 2020	505	328	96	179	51	2	5	A

### FOSS Courses, Spoken Tutorial, IIT Bombay:

Period	Trained	Appeared	Certified
Jun 2020 - May 2021	1233	535	407



# NATIONAL ENGINEERING COLLEGE

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

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

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



TNEA  
Counselling Code  
**4962**



## Courses Offered

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

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