

## NEC Central Library Activities 2017-18

### Readers Park - Inaugural Function and Reading Carnival

Readers Park inaugural function was held on 01.07.2017 by 10.15 a.m. at our College Assembly Hall.

It was started with a prayer song and **Ms. Meenakshi Murugappan**, IV ECE welcomed the gathering, **Ms.G.Joselin Pavya Elezabeth**, IV CSE described about the readers park.

**Mr.Jc HGF K.V.Ramesh Kumar**, HR Trainer & Consultant inaugurated the Readers Park by Launching a Video and delivered the Chief Guest address. **Dr.Kn.K.S.K.Chockalingam**, Director and **Dr.S.Shanmugavel**, Principal, NEC delivered the felicitation address and motivated the students to read more books.

**Ms.V.Krishna Nivedha**, IV ECE introduced the Readers Park's office bearers. **Ms.R.Anushri**, III Civil explained the forthcoming activities of the Readers Park along with action plan and **Ms.R.Durga Priyadharshini**, IV ECE proposed the vote of thanks.

**Reading Carnival 2017** first session commenced at 11.30 a.m. assembly hall by **Mr.Jc HGF K.V.Ramesh Kumar**. In this session, he explained about memory activation by some techniques. He asked the students to do an exercise to find their speed of reading. He gave many ideas to improve the reading skill.

Second Session was about art-of-speed reading. He explained that basics of memory visualization. He concluded the session with poetry about reading. The presentation ended by 4.55 p.m. Feedback was received from participants.

The certificate for active members of the Readers Park for the academic year 2016 - 17 was given by the chief guest **Jc.HGF.K.V.Ramesh Kumar**. **Ms.R.Durga Priyadharshini** IV – ECE proposed the vote of thanks and the function ended with the national anthem.

Nearly 215 students from various departments had attended the reading carnival 2017. **Mr.K.Karunai Raghavan**, Librarian, **Mr.S.Cammillus**, AP(SG)/ECE and **Mr.V.Jackins**, AP/IT, NEC coordinated the entire function in a successful manner.



### Review Meetings

Readers Park's committee members meetings were held 15 times at Central Library during the academic year 2017 – 18. The Committee members provided suggestions and recommendations for improving reading ability, policy taken and develop the leadership quality.

NEC Readers Park had conducted the following events at Central Library during the academic year 2017 – 18.

### Talk on Situational Analysis

**SWOT** refers to **S**trengths, **W**eaknesses, **O**pportunities and **T**hreats. SWOT analysis helps you focus on our strengths, minimize threats, and take the greatest possible advantage of opportunities available to you.

In this regard, NEC Readers Park conducted a '**Talk on Situational Analysis**' on 11.07.2017 at Central Library by 4.40 p.m. **Ms.D.Subhawinya**, III IT welcomed the gathering. **Ms.R.Anushri**, III CIVIL organized the event.

**Mr.K.Karunai Raghavan**, Librarian, **Mr.S.Cammillus**, AP(SG)/ECE acted as judges for this event.

Particular situation was given for each participant and they were asked to talk on the situation on the basis of SWOT analysis for 5 minutes.

Their talk on the given situation was judged on the basis of their positive approach, handling the situation, quick and wise decision making, circumstantial thought process and emotional balance.

The fifteen various situations and valuable points on handling those situations in life were discussed, some points even highlighted the ironies of the society and the way human being's thoughts get swayed in accordance to the situations they were placed in the course of life.

**Ms.R.Durga Priyadharshini**, IV ECE proposed the vote of thanks. **Mr.K.Karunai Raghavan**, Librarian, **Mr.S.Cammillus**, AP(SG)/ECE, **Mr.V.Jackins**, AP/IT and **Ms.R.Anushri**, of III CIVIL coordinated the entire event in a successful manner. Nearly 20 members from various departments actively participated.

### Vocabulary Chase

**Vocabulary** plays an important part in learning to read. Readers must use the words they hear orally to make sense of the words they see in print. To reach the ultimate goal of reading one cannot underestimate the importance of vocabulary development.

Words are the currency of communication. A robust vocabulary improves all areas of communication: listening, speaking, reading and writing.

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In order to promote this, NEC Readers Park conducted the '**Vocabulary Chase**' on 25.07.2017 at Central Library by 4.50 p.m. **Ms.S.Kausalya**, III EEE, welcomed the gathering. **Ms.G.Joselin Pavya Elezabeth**, IV CSE organized the event.

Nearly 19 students actively attended the event and learnt many new vocabularies and promised to learn at least 2 new words per day. **Ms.M.T.Raagavi**, III Civil proposed the vote of thanks. **Mr.K.Karunai Raghavan**, Librarian and **Ms.G.Joselin Pavya Elezabeth**, IV CSE coordinated the entire event in a successful manner.

### Spell Bee using Phonetics

**Spelling**, the art of correctly assembling words, from their letters is one of the essential components of successful writing. Being confident at spelling leads to confidence in all aspects of literacy. It helps cement the connection that is shared between sounds and letters.

In order to promote this, NEC Readers Park conducted the '**Spell Bee using Phonetics**' on 01.08.2017 at Central Library by 5.00 p.m. **Ms.M.T.Raagavi**, III Civil, welcomed the gathering. **Ms.K.Preetha**, II ECE organized the event. Nearly seventeen students actively participated in the event and learnt about the importance of knowing the correct spelling of the words. **Mr.R.Vigneshwaran**, II CSE proposed the vote of thanks. **Mr.K.Karunai Raghavan**, Librarian coordinated the entire event in a successful manner.

### Librarian's Day Celebrations

**Siyali Ramamrita Ranganathan** (12 August 1892 – 27 September 1972) is a Mathematician and Librarian from India. His most notable contributions to the field are his five laws of library science and the development of the first major faceted classification system, the colon classification. He is considered to be the **father of Library Science, documentation, and Information Science in India** and is widely known throughout the rest of the world for his fundamental thinking in the field. His birthday is observed every year as the **National Librarian's Day in India**.

In this Connection, NEC Readers Park organized various events to celebrate the National Librarian Day on 12.08.2017 at Central Library by 2.00 p.m. **Mr.S.N.Mohammed Asla**, III CIVIL welcomed the gathering.



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The Introduction about Siyali Ramamrita Ranganathan and detailed description about his notable works were explained by **Ms.M.T.Raagavi**, III Civil. Following that, the Speech on the given topic of the day..... started.

The special talk for the day was given by **Mr.J.Thamba**, AP/SH (Chemistry) regarding the youngsters of India and highlighted the problems among the students through various examples. Librarian, **Mr.K.Karunai Raghavan**, discussed about the various systems of classification of books that is followed all over the world.

As an icebreaker session, **Ms.M.T.Raagavi**, III Civil, conducted the Quiz and Riddle event. The students actively participated. In the second session, in order to stress the importance of reading books in the society, the members organized Picture Description taken over by **Ms.R.Anushri**, III Civil.

The event was concluded with a Personality Test and a Presentation on 10 traits of life. The vote of thanks for the day was delivered by **Ms.P.Maya Muthu Selvi**, III CSE.

Nearly thirty three students from various departments attended the event. **Mr.K.Karunai Raghavan**, Librarian, **Mr.V.Jackins**, AP/IT and the members of Readers Park coordinated the entire event in a successful manner.

### Expertise Talk

The Readers Park was happy to extend the presenters to present on the topic of own choice and interest, as an event called the **Expertise Talk**. The celebration was scheduled on 12.09.2017 by 5.10 p.m. at Central Library.

**Ms.D.Subhawinya**, III IT welcomed the gathering, **Ms.R.Priyadharshini**, III IT, **Ms.S.Muthukumar**, II CSE, **Ms.R.Anushri**, III Civil, **Mr.M.Gokul Kannan**, III Civil, **Ms.M.T.Raagavi**, III Civil, **Ms.A.Dhanushya**, IV EEE and **Mr.G.Mohankumar** III Civil have shared their thoughts on expertise talk.

**Mr.K.Karunai Raghvan**, Librarian appreciated all the student participants and suggested some improvements in all aspects so as to build themselves to deliver a flawless presentation in the days to come. **Ms.V.Padma Priya**, III IT proposed the vote of thanks.

### Engineers Day Celebrations

**Mokshagundam Visvesvaraya** is an Indian Engineer born on September 15, 1861. His birthday is celebrated as the Engineer's Day in India every year. He is held in high regard as a pre-eminent engineer of India. He was the chief engineer responsible for the construction of the Krishna Raja Sagara dam in Mandya district as well as the chief designer of the flood protection system for the city of Hyderabad.

Honouring this great man, Readers Park celebrated the Engineers' day on September 16, 2017 at the Central Library by 3.00 pm. **Mr.A.Muthu Shiva Shankar**, III Civil, welcomed the gathering with his instantaneous addressing.

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The program started with the detailed descriptive presentation on ‘**Contributions and History of Mokshagundam Visvesvaraya**’ by **Ms.M.T.Raagavi**, III Civil. It was very informational about the great works of Sir.M.Visvesvaraya and his life history. The half an hour presentation completed a the questionnaire session where the students actively participated.

Then the celebration continued with the power packed speech on ‘**Engineering Advancements in 21<sup>st</sup> Century**’ by **Mr.V.Jackins**, AP/IT. His elaborate talk covered various advancements in engineering technology in different fields from the tallest bridge construction to hybrid vehicles. This also gave the listeners knowledge on many unknown engineering wonders that happened in the century.

The session was then handled by **Ms.V.Vishnu Priya**, Library Assistant, who gave a lecture on how to study and prepare for TNPSC exams. The instructions for the preparation was given thoroughly and focused on the important key points and tips to crack the entrances. The queries and doubts were cleared and answered at the end of the session.

As the celebration for the day, '**Funky Network**' related to the Novel connection was conducted by **Ms.G.Josline Pavya Elezabeth** and **Ms.C.Lakshmi Prabha**, IV CSE. Nearly 24 students actively participated in the competition where many came to know about the fun that was filled in reading novels. Each and every connection slide had the explanation about the Novel's author and the title.

At the end of the day by 4.45 p.m., all the students who attended the function were given a chance to talk and disclose their thoughts. There was a massive response from all who came, and each student came forward and spoke. This made the day a very successful one.

Thus the day ended with the vote of thanks by **Ms.R.Anushri** III Civil, mentioning the to-do plans of the Readers Park. **Mr.K.Karunai Raghavan**, Librarian and **Mr.V.Jackins**, AP/IT acted as the mentors for the program.

### Turncoat

**Turncoat** is a form of speech where the speaker presents his ideas both for and against the topic. The NEC Readers Park conducted Turncoat on september 19, 2017 by 4.30 pm.



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Mr.A.Velrajan and Mr.R.Vigneswaran from II CSE coordinated the event. The gathering was welcomed with a warm address given by Ms.S.Dhanalakshmi, II ECE.

Students from various departments participated in the events. The list gives out the name of students participated and the topics on which they spoke:

Sl. No.	Student Name	Topic
1	Ms.S.Kausalya III - CSE	Yoga
2	Ms.G.Joseline Pavya Elezabeth IV - CSE	Demonitization
3	Ms.R.Durga Priya Dharshini IV - ECE	Tamil Language
4	Ms.C.Lakshmi Prabha IV - CSE	Digitalisation
5	Ms.V.Krishna Nivetha IV - ECE	Blue Whale Game
6	Ms.V.Preetha II - ECE	Readers Park
7	Ms.S.Dhana Lakshmi II - ECE	IT companies
8	Mr.K.Gomathi Nayagam II - CSE	My native place
9	Ms.S.Shuruthi II - ECE	Hacking
10	Ms.G.Santhiya II - ECE	Social Media
11	Ms.A.Monisa II - ECE	Event Organising
12	Ms.R.Anushri III - Civil	Library

The topics were given on the spot and the speaker had to speak 'for' the topic for atleast 3 minutes followed by 'against' the topic. The students who participated did a good job in debating themselves turning to both the sides of the topic. The event ended by 6.20 p.m.

Ms.S.S.Shuruthi, II ECE, thanked the gathering. Thus, the event was successfully organised on the supervision of the coordinator and the cooperation of the Readers' Park members. Nearly 18 members from various departments actively participated.

### Book Review Talk

Book Review Talk was conducted by Readers Park with the potential presenters at the Central Library on 26.09.2017 by 4.55 p.m.

Ms.G.Joselin Pavya Elezabeth, IV CSE welcomed the gathering. Following it all the members took the Readers Park Oath.

The following students shared their thoughts:

Sl. No.	Name of the Presenters	Year / Dept.
1	Ms.C.Lakshmi Prabha	IV - CSE
2	Ms.G.Selva Gomathi	III - CSE
3	Mr.M.Gokul Kannan	III - Civil
4	Ms.T.Maya Muthu Selvi	III - CSE
5	Ms.G.Joselin Pavya Elezabeth	IV - CSE

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6	Ms.K.Preetha	II - ECE
7	Ms.V.Preetha	II - ECE
8	Ms.S.Dhanalakshmi	II - ECE
9	Ms.R.Anushri	III - Civil
10	Mr.M.Veera Shanthi Ram	IV - EIE

Ms.V.Krishna Nivedha, IV ECE proposed the vote of thanks. Mr.K.Karunai Raghavan, Librarian, Mr.R.Vigneshwaran, and Mr.A.Velrajan, II CSE coordinated the entire event in a successful manner. Nearly 23 members from various departments actively participated.

### Impact of Reading

**The Reading's mission** is to inspire more people to read more, to encourage them to share their enjoyment of reading with others and to celebrate the difference that reading makes to all our lives, because everything changes when we read. To maximize the effectiveness of our work we need to be able to evaluate our impact systematically and build a strong national evidence base shared with partners across the reading.

In this connection, Readers Park conducted a motivational talk on 05.12.2017 by 4.50 p.m.

The event began with a warm welcome address to the gathering by Ms.V.Padhma Priya, III - IT.

Having welcomed the new members of the Readers Park, Mr.K.Karunai Raghavan, Librarian gave an oration about Reading and its importance.

Followed by him, Ms.G.Selva Gomathi, III CSE spoke on 'Impact of Reading in My Life' and she quoted that she successfully made many of her friends read daily.

Then Ms.S.Kausalya, III CSE talked about 'My Mind's Vision - Before and After Reading Became as a Habit'. She zealously explained about her experience how she made reading as her passion.

On hearing the speakers words both the Readers Park's office bearers and new members happened to have a aroma of reading. All were highly inspired about reading and made a promise to make reading as a good habit.

The event was concluded by 6.20 pm with the vote of thanks by Ms.V.Krishna Nivedha, IV ECE. Nearly 20 members from various departments actively participated.

### Aptitude Solving

**Aptitude** is basically defined as an innate, learned or acquired ability of an individual to perform certain tasks. Aptitude tests inculcate many factors like numerical reasoning, verbal reasoning, abstract reasoning, speed, accuracy and other such abilities.

In order to promote these qualities, Readers Park conducted an event on Aptitude Solving on 12.12.2017 by 5.00 p.m.

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The event began with the warm welcome addressed by **Ms.S.Dhanalakshmi**, II ECE. Having welcomed the members of the Readers Park and the participants of the event, the event organiser **Ms.V.Padhma Priya**, III IT gave a brief introduction about aptitude and questions to solve using shortcuts and tricks.

The event consisted of three sections:

- Quantitative Aptitude
- Verbal Reasoning and
- Non – Verbal reasoning

The questions were given to the participants and were asked to solve them within the concerned time limit. All the participants solved the aptitude enthusiastically.

Further a discussion was made on “How to manage time during Aptitude Exams”. The participants sort out their own methods and discussed it with all the participants.

The vote of thanks was delivered by **Ms.J.Janofer Ibrahima**, II CSE. Nearly 32 members from various departments actively participated.

### Techno Talk

**Techno talk** are short presentations with professional question and answer sessions. It is usually for half an hour in length and focus on a specific technical topic.

**Techno talk** was conducted by Readers Park at the Central Library on 19.12.2017 by 5.00 p.m.

**Mr.A.Velrajan**, II CSE welcomed the gathering. Following it all the members took the Readers Park Oath.

The following students shared their thoughts on Innovative Technological Talk:

Sl. No.	Name of the Presenters	Year / Dept.
1	Ms.J.Janofer Ibrahima	II CSE
2	Ms.S.Dhanalakshmi	II ECE
3	Ms.S.Kausalya	III CSE
4	Ms.A.Apsara	II ECE
5	Ms.G.Selvagomathi	III CSE
6	Ms.T.Maya Muthu Selvi	III CSE
7	Ms.V.Preetha	II ECE

**Ms.R.Durga Priyadharshini**, IV ECE proposed the vote of thanks. **Mr.K.Karunai Raghavan**, Librarian, **Mr.R.Vigneshwaran**, II CSE and **Mr.A.Velrajan**, II CSE coordinated the entire event successfully. Nearly 26 members from various departments actively participated.



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### Intra College Quiz - 2018

**Quiz:** A quiz is a form of game / mind sport, in which the players (as individuals or in teams) attempt to answer questions correctly. It is a game to test the knowledge about a certain subject or specific subject/s. A quiz is also a brief assessment used in education and similar fields to measure growth in knowledge, abilities, and / or skills.

**World Record Quiz:** The largest quiz, according to Guinness world record, was the "Quiz for Life", held at the Flanders Expo Halls in Ghent, Belgium, on December 11, 2010 with 2,280 participants.

NEC Readers Park conducted the 'Intra College Quiz – 2018' during January 18, 23 & 24, 2018 at Central Library. The following quizzes were scheduled in order to enhance the knowledge and to provoke the reading habits of students:

#### 1. Newspaper Review Quiz – 2018 on January 18, 2018 at Central Library.

I Prize	1.	Mr.R.Aravindhnan,	III – EEE
	2.	Mr.S.Ariharan,	III – EEE
II Prize	1.	Mr.M.Sankar Ramaguru,	IV – EIE
	2.	Mr.M.Veera Shanthi Ram,	IV – EIE
III Prize	1.	Mr.S.S.Siva Shankar,	IV – EEE
	2.	Mr.K.P.Shanmuga Sundar,	IV – EEE
Participants	1.	Ms.M.T.Raagavi,	III – Civil
	2.	Ms.R.Anushri,	III – Civil
	3.	Ms.A.Silviya Thiresa,	IV – CSE
	4.	Ms.M.Nivetha,	IV – CSE
	5.	Ms.R.Vini Angelin,	III – Civil
	6.	Ms.R.Christal Sophia,	III – Civil

Quiz was conducted by **Ms.V.Padhma Priya**, **Ms.D.Subhawinya**, and **Ms.R.Priyadharshini** of III IT. **Mr.V.Jackins**, AP/IT, **Ms.D.Abidha**, AP/ECE and **Ms.A.Aiswaryaa**, I CSE served as judges for Newspaper Review Quiz Competition.

#### 2. Magazine Review Quiz – 2018 on January 23, 2018 at Central Library.

I Prize	1.	Mr.P.Periyannayaga Nathan,	II – Mech.
	2.	Mr.S.Arunraj,	II – Mech.
II Prize	1.	Mr.K.R.Praveen Krishna,	II – Mech.
	2.	Mr.A.Mohamed Sharoon,	II – Mech.
III Prize	1.	Ms.P.Gomathi Naayagi,	III – Civil
	2.	Ms.R.Anushri,	III – Civil
Participants	1.	Mr.S.Chokkalingam,	IV – EIE
	2.	Mr.P.Sridhar,	IV – EIE
	3.	Ms.Ha.Shantha Vidhuthra,	III – CSE
	4.	Ms.MA. Sornam,	III – CSE
	5.	Ms.S.Amritha,	II – EEE
	6.	Ms.P.Abinaya,	II – EEE

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Quiz was conducted by **Mr.M.Veera Shanthi Ram**, IV – EIE. **Dr.S.Tamil Selvi**, HOD-PG, ECE, **Mr.K.Karunai Raghavan**, Librarian, **Ms.T.Maya Muthu Selvi** III CSE served as judges for Magazine Review Quiz Competition.

### 3. Book Review Quiz – 2018 on January 24, 2018 at Central Library.

I Prize	1.	Mr.R.Aravindhnan,	III – EEE
	2.	Mr.S.Ariharan,	III – EEE
II Prize	1.	Mr.P.Periyanayaga Nathan,	II – Mech.
	2.	Mr.S.Arunraj,	II – Mech.
III Prize	1.	Ms.R.Abineshwari Devi,	II – ECE
	2.	Ms.M.Harini,	II – ECE
Participants	1.	Mr.K.R.Praveen Krishna,	II – Mech.
	2.	Mr.A.Mohamed Sharoon,	II – Mech.
	3.	Mr.P.Ramkumar,	II – EEE
	4.	Mr.R.I.Ramamanikandan,	II – EEE
	5.	Ms.J.Padmapriya,	IV – CSE
	6.	Ms.J.Raja Rajeswari,	IV – CSE

Quiz was conducted by **Ms.G.Selva Gomathi**, **Ms. S.Kousalya**, **Ms.T.Maya Muthu Selvi** III CSE and **Ms.S.Dhanalakshmi** and **Ms.K.Preetha** II ECE. **Dr.S.Tamil Selvi**, HOD-PG, ECE, **Mr.K.Karunai Raghavan**, Librarian, **Ms.S.Shanthi** I ECE served as judges for Book Review Quiz Competition.

All the quizzes were successfully completed with the vote of thanks given by **Ms.Joselin Pavya Elezabeth**, IV – CSE. Totally 120 students (60 teams) from various department participated in the event.

**Dr.S.Tamil Selvi**, HOD-PG, ECE and **Mr.K.Karunai Raghavan**, Librarian coordinated the entire event in a very successful manner.

### Best Readers Park Volunteer Award



**Ms.M.T.Raagavi** III Civil won the ‘**Best Readers Park Volunteer Award**’ for the Academic year 2017 – 18, appreciating her excellent work in the overall Readers Park Activities.

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### Readers Park - Organizational Setup

Advisors	:	Dr. Kn.K.S.K.Chockalingam, Director, NEC	
		Dr. S. Shanmugavel, Principal, NEC	
Convener	:	Dr. S. Tamil Selvi, HOD-PG/ECE	
Coordinators	:	Mr. K. Karunai Raghavan, Librarian	
		Mr. S. Cammillus, Assistant Professor (SG)/ECE	
		Mr. V. Jackins, Assistant Professor/IT	
President	:	Ms. G. Joselin Pavya Elezabeth	IV – CSE
Vice Presidents	:	Ms. Meenakshi Murugappan	IV – ECE
		Ms. R. Anushri	III – Civil
Secretary	:	Mr. M. Veera Shanthi Ram	IV – EIE
Joint Secretaries	:	Ms. V. Krishna Nivedha	IV – ECE
		Ms. R. Priyadharshini	III – IT
Treasurer	:	Ms. P. Jeyasankari	IV – CSE
Co - Treasurer	:	Ms. M. T. Ragaavi	III – Civil
PRO	:	Ms. A. Dhanushya	IV – EEE
Zones Co-Ordinators	:		
Spiritual & Ethical Zone	:	Ms. R. Durga Priyadharsini	IV – ECE
Stay Fit Zone	:	Ms. C. Lakshmi Prabha	IV – CSE
Ardent Readers Zone	:	Ms. G. Selva Gomathi	III – CSE
Educators & Novice Tips Zone	:	Ms. J. Janofer Ibrahima	II – CSE
Creativity & Innovation Zone	:	Mr. M. Gokul Kannan	III – Civil
Newspaper Review	:	Mr. R. Vigneshwaran	II – CSE
Journal Review	:	Mr. A. Velrajan	II – CSE
Book Review	:	Ms. V. Padhmapriya	III – IT
Vocabulary	:	Ms. D. Subhawinya	III – IT
Technical Contest	:	Ms. B. Ponmani	II – CSE
Quotes	:	Ms. C. Meenakshi	IV – CSE
Situational Speech	:	Ms. T. Maya Muthu Selvi	III – CSE
Members	:	Ms. P. V. Gayathri	II – CSE
		Ms. S. Kausalya	III – CSE
		Mr. M. Mandhira Moorthi	II – CSE
		Mr. S. Muthu Kumar	II – CSE
		Mr. G. Mohan Kumar	III – Civil
		Ms. K. Preetha	II – ECE
		Ms. V. Preetha	II – ECE
		Ms. S. Dhanalakshmi	II – ECE
		Ms. S. V. Vijayalakshmi	II – ECE
		Ms. S. Alaguparvathi	II – CSE
		Ms. R. Dhanalakshmi	II – CSE

### Quality Improvement Cell (QIC)

**QIC** has been established at our College Central Library in the year 2014. Through QIC, the faculties and students are exposed to various resources such as **NPTEL, IIT Madras, FOSS Courses, Spoken Tutorials, IIT Bombay** and other video courses etc., for improvement in Teaching and Learning processes.

### NPTEL, IIT Madras

NPTEL has been offering self-study courses across engineering, humanities and science streams for more than a decade. These are available at <http://nptel.ac.in> funded by MHRD.

NPTEL has been offering online certification for its courses, highlight being the certification exam through which the student gets an opportunity to earn a certificate from the IITs! These are available at <https://onlinecourses.nptel.ac.in>.

NPTEL enable students to obtain certificates for special courses and enable the students employable in the industry or pursue a suitable higher education programme.

### NPTEL Local Chapter

To take this initiative forward and to encourage more students across colleges to participate in this initiative, NPTEL, IIT Madras setting up NPTEL Local Chapter in colleges which will be under the headship of a faculty member of the college, who would be Single Point of Contact (SPOC).

### NPTEL Local Chapter 'AAA' Rating

NPTEL, IIT Madras recognized our College as a valuable NPTEL Local Chapter with a rating of **AAA** (Top 1-10 institutions) , **AA** (Top 11–50 institutions) and **A** (Top 51-100 institutions) based on the performance in NPTEL Online Certification courses during certain periods.

NEC is being an active and enthusiastic NPTEL Local Chapter and has also been recognized as one of the Top performing **NPTEL Local Chapters** with rating of 'AAA' during the period of **July – December 2017** and 'AA' rating for **January – June 2018**.

Mr.K.Karunai Raghavan, Librarian has received Top Performing 'NEC NPTEL Local Chapters' with a rating of 'AAA' Citation from former Director Prof. M.S.Ananth IIT Madras on January 25, 2018.









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### NPTEL Toppers: Jul – Dec 2017 Session

Faculty members and Students have been attending the NPTEL Online courses regularly to update their knowledge in the relevant field. The following faculty members have been NPTEL Exams Toppers during the period Jul. – Dec. 2017.

Advances in UHV Transmission & Distribution	Design of Reinforced Concrete Structures	Developing Soft Skills and Personality	Introduction to Research	Cloud Computing	Fundamentals of Database Systems
					
<b>Bakrutheen, M.</b> AP, EEE, 99% 1% Topper	<b>Sebastin, S.</b> AP, Civil, 95% 5% Topper	<b>Gajalakshmi, S.</b> AP, S&H, 94% 2% Topper	<b>Balakiruthi, S.</b> AP, EEE, 91% Gold	<b>Arunpriya, S.</b> AP, CSE, 89% 1% Topper	<b>Sivakama Sundari, G.</b> AP, CSE, 88% 1% Topper

Introduction to Internet of Things	Fundamentals of Database Systems	Introduction to Modern Application Development	Outcome based Pedagogic Principles for Effective Teaching	Fundamentals of Manufacturing Processes	Fundamentals of Materials Processing - I
					
<b>Abidha, D.</b> AP, ECE, 86% 5% Topper	<b>Jyothir Bindhu, V.</b> AP, CSE, 86% 2% Topper	<b>Bhuvaneswari, M.</b> AP(SG), CSE, 85% 5% Topper	<b>Abidha, D.</b> AP, ECE, 83% 2% Topper	<b>Arulselvan, S.</b> AP, Mech, 79% 5% Topper	<b>Harihara Sakthisudhan, P.</b> AP, Mech., 72% Topper

The following students were NPTEL Toppers during the period July – December 2017.

Structural Analysis - I	Soft Skills		Technical English for Engineers		
					
<b>Nishanthi, P.</b> IV – Civil, 92% Gold	<b>Merlin Freeda, G.</b> IV - ECE, 87% 5% Topper	<b>Subaranjani, S.</b> II – Civil, 87% 5% Topper	<b>Pavithra, T.</b> I CSE, 84% 1% Topper	<b>Angelin Anitha, D.</b> I – EEE, 78% 5% Topper	<b>Miracle Chriz Davidson, V.</b> I – IT, 77% 5% Topper

## NEC Central Library Activities 2017-18

### NPTEL Results during the period July – December 2017 (Course wise)

NPTEL Result Analysis - September 2017 Session			
Sl. No.	Name of the Course	Appeared	Certified
1	Advances in UHV Transmission and Distribution	2	2
2	Basic electrical circuits	4	1
3	Biology for engineers and other non-biologists	1	1
4	Cognition, Transformation and Lives	2	2
5	Design for internet of things	1	1
6	Developing Soft Skills and Personality	57	55
7	Educational leadership	1	1
8	Foundation of computational fluid dynamics	1	1
9	Fundamentals of Database Systems	7	7
10	Fundamentals of Material Processing - I	2	2
11	Introduction To Cryptology	5	5
12	Introduction to Modern Application Development	3	3
13	Introduction to operating systems	2	2
14	Introduction to Programming in C	1	1
15	Introduction to Psychology	2	2
16	Introduction to R Software	3	3
17	Introduction to research	1	1
18	Laws of thermodynamics	18	14
19	Literature for competitive exams	2	2
20	Manufacturing of Composites	7	7
21	Microwave integrated circuits	1	1
22	Numerical methods	2	0
23	Outcome based pedagogic principles for effective teaching	6	6
24	Processing of Polymers and Polymer Composites	12	12
25	Programming in C++	13	12
26	Programming, data structures and algorithms using python	7	7
27	Refrigeration And Air-Conditioning	10	9
28	Technical English for Engineers	336	322
29	Theory of Computation	2	2
<b>Total</b>		<b>511</b>	<b>484</b>



## NEC Central Library Activities 2017-18

NPTEL Result Analysis – October 2017 Session			
Sl. No.	Name of the Course	Appeared	Certified
1	Aircraft Design	13	13
2	Cloud computing	3	3
3	Computational Electromagnetics & Applications	1	0
4	Computer architecture and organization	2	2
5	Control engineering	1	1
6	Design of reinforced concrete structures	4	4
7	Design of steel structures	2	2
8	Differential equations for engineers	1	0
9	Digital speech processing	1	0
10	Electrical machines - I	3	3
11	Energy conservation and waste heat recovery	4	3
12	Engineering fracture mechanics	1	0
13	Fundamentals of manufacturing processes	10	7
14	Graph Theory	4	4
15	Industrial Instrumentation	2	1
16	Introduction to internet of things	8	8
17	Introduction to Wireless and Cellular Communications	3	3
18	Manufacturing Systems Technology I & II	1	1
19	Mechanics of Solids	1	1
20	Power system analysis	1	1
21	Project management for managers	1	1
22	Social Networks	1	1
23	Soft skills	90	88
24	Solid state physics	1	1
25	Strength of materials	37	33
26	Structural Analysis - I	24	24
27	Total Quality Management - I	8	7
<b>Total</b>		<b>228</b>	<b>212</b>




## NEC Central Library Activities 2017-18



### NPTEL Results during the period Jul – Dec 2017 (Department wise)

Department	Appeared	Participated	Certified	Elite	Gold	Topper
S & H	272	14	166	91	1	5
Civil	147	7	84	54	2	2
Mechanical	145	13	82	50	-	2
C.S.E.	81	2	38	41	-	4
E.C.E.	39	4	11	24	-	3
E.I.E.	28	1	13	14	-	-
E.E.E.	17	2	9	4	2	1
I.T.	12	1	6	5	-	-
<b>Total</b>	<b>741</b>	<b>44</b>	<b>409</b>	<b>283</b>	<b>5</b>	<b>17</b>

### NPTEL Toppers: Jan – Jun 2018 Session



Faculty members and Students have been attending the NPTEL Online courses regularly to update their knowledge in the relevant field. The following faculty members have been NPTEL Exams Toppers during the period January – June 2018.

Advanced Graph Theory	Outcome Based Pedagogic Principles for Effective Teaching	Advanced Graph Theory
		
<b>Rosalin, S.</b> AP, S & H, 97% 1% Topper	<b>Krishna Kumari, L.</b> AP, ECE, 91% 2% Topper	<b>Anbu Rajammal, I.</b> AP, S & H, 90% Gold

Principles of Signals and Systems	Real Time Operating System
	
<b>Abisha, J.</b> AP, ECE, 88% 1% Topper	<b>Kavitha, P.</b> AP(SG), ECE, 85% 2% Topper
	<b>Naskath, J.</b> AP(SG), CSE, 77% 5% Topper

## NEC Central Library Activities 2017-18

The following students have been NPTEL Toppers during the period January – June 2018.

Digital Land Surveying and Mapping (DLS & M)	
	
<b>Balaji, R.</b> II Civil, 64% 5% Topper	<b>Subaranjani, S.</b> II Civil, 63% 5% Topper

### NPTEL Results during the period Jan – Jun 2018 (Course wise)

Sl. No.	Name of the Course	Appeared	Certified
1	Advanced Graph Theory	4	4
2	Analog Circuits	3	3
3	Automatic Control	1	1
4	Basic Electronics	1	1
5	Basics of Finite Element Analysis-I	1	1
6	Better Spoken English	1	1
7	Biomedical Signal Processing	1	1
8	Brief Introduction to Psychology	1	1
9	Business Analytics and Data Mining Modeling using R	1	1
10	Business English Communication	5	5
11	Calculus for Economics, Commerce and Management	1	1
12	Cloud Computing	2	2
13	Cryptography and Network Security	1	1
14	Data Mining	1	1
15	Database Management System	5	4
16	Deep Learning for Visual Computing	1	1
17	Design Practice	1	1
18	Digital and the Everyday: From Codes to Cloud	1	0
19	Digital Land Surveying And Mapping (DLS&M)	68	60
20	Educational Leadership	1	1
21	Effective Engineering Teaching in Practice	2	2
22	Electronic Waste Management - Issues And Challenges	15	15
23	Energy Efficiency, Acoustics and Daylighting in Building	5	1

## NEC Central Library Activities 2017-18

24	Engineering Mechanics: Statics and Dynamics	3	0
25	Enhancing Soft Skills and Personality	410	406
26	Human Molecular Genetics	1	1
27	Information Security - IV	1	1
28	Integrated Circuits, MOSFETs, Op-Amps & their Applications	3	3
29	Introduction to Cognitive Psychology	1	1
30	Introduction To Composites	15	12
31	Introduction to Geographic Information Systems	1	0
32	Introduction to Internet of Things	3	3
33	Introduction to Mechanical Micro Machining	2	2
34	Introduction to Modern Application Development	1	1
35	Introduction to Research	2	2
36	Introduction to Soft Computing	1	1
37	Literary Theory and Literary Criticism	2	2
38	Manufacturing Process Technology I & II	2	2
39	MATLAB Programming for Numerical Computation	1	1
40	Microprocessors and Microcontrollers	2	2
41	Multivariable Calculus	1	1
42	Numerical Methods: Finite difference approach	1	1
43	Operations Management	1	1
44	Outcome Based Pedagogic Principles for Effective Teaching	5	5
45	Patent Drafting for Beginners	1	1
46	Postmodernism in Literature	1	0
47	Power System Engineering	4	4
48	Principles of Signals and Systems	4	4
49	Problem Solving through Programming in C	18	17
50	Programming, Data Structures and Algorithms using Python	2	0
51	Quality Design and Control	2	1
52	Real Time Operating System	1	1
53	Soil Mechanics/Geotechnical Engineering I	28	10
54	Speaking Effectively	85	81
55	Sustainable Engineering Concepts And Life Cycle Analysis	1	1
56	Waste to Energy Conversion	4	3
57	Wireless Ad Hoc and Sensor Networks	3	3
<b>Total</b>		<b>736</b>	<b>683</b>

## NEC Central Library Activities 2017-18

### NPTEL Results during the period Jan – Jun 2018 (Department wise)

Department	Appeared	Participated	Certified	Elite	Gold	Toppers
S & H	521	10	195	313	3	2
Civil	128	35	79	14	-	2
E.C.E.	24	2	8	13	1	4
Mechanical	24	4	17	3	-	-
E.E.E.	15	-	8	7	-	-
C.S.E.	14	1	4	9	-	1
I.T.	9	1	6	2	-	-
E.I.E.	1	-	1	-	-	-
<b>Total</b>	<b>736</b>	<b>53</b>	<b>318</b>	<b>361</b>	<b>4</b>	<b>9</b>

### Free and Open Source Software (FOSS), Spoken Tutorials, IIT Bombay Workshops

NEC Central Library organized various FOSS workshops and training offered by the Spoken Tutorial Project, IIT Bombay funded by NMEICT, MHRD, Government of India, coordinated by Mr. K. Karunai Raghavan, Librarian.

- ✓ **Mr.G.Pandiyarajan** AP/IT, acted as organizer for FOSS Workshop on ‘C / C++’ through Spoken Tutorial, IIT Bombay on July 6, 2017. Nearly 56 students participated.



- ✓ **Mr.S.Dheenathayalan** AP/CSE, acted as organizer for FOSS Workshop on ‘JAVA’ through Spoken Tutorial, IIT Bombay on August 3, 2017. Nearly 70 students participated.
- ✓ **Mr.S.Vimal** AP (SG)/IT, acted as organizer for FOSS Workshop on ‘NetBeans’ through Spoken Tutorial, IIT Bombay on August 17, 2017. Nearly 37 students participated.



## NEC Central Library Activities 2017-18

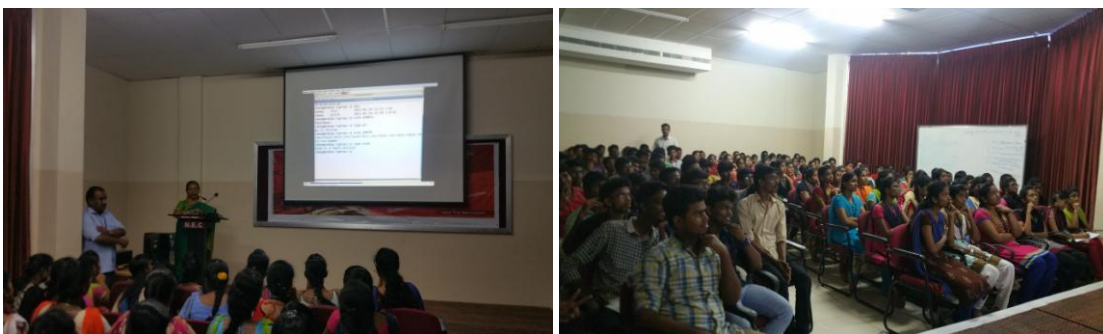
- ✓ **Mr.V.Jackins** AP/IT, acted as organizer for FOSS Workshop on 'PHP & mySQL' through Spoken Tutorial, IIT Bombay on August 31, 2017. Nearly 69 students participated.



- ✓ **Mr.V.Sivakumar** AP/CSE, acted as organizer for FOSS Workshop on 'Blender' through Spoken Tutorial, IIT Bombay on September 14, 2017. Nearly 57 students participated.



- ✓ **Dr.S.Tamil Selvi** HOD, ECE-PG, acted as organizer for FOSS Workshop on 'Linux' through Spoken Tutorial, IIT Bombay on January 10, 2018. Nearly 149 students participated.



- ✓ **Mr.K.Karunai Raghavan**, Librarian, acted as organizer for FOSS Workshop on 'LibreOffice' through Spoken Tutorial, IIT Bombay on January 22, 2018. Nearly 76 students participated.



## NEC Central Library Activities 2017-18

### FOSS, Spoken Tutorials, IIT Bombay – Online Assessment Test

Free and Open Source Software (FOSS) Online Assessment test through Spoken Tutorials, IIT Bombay during June 2017 – May 2018.

The snapshot of the FOSS Online Assessment Test for the year 2017 – 18:



Free and Open Source Software (FOSS) Online Assessment test were conducted through Spoken Tutorials, IIT Bombay during June 2017 – May 2018 and the details are given below:

Sl. No.	Name of the FOSS Course	Date of Online Assessment Test	Name of the Invigilator	No. of Students Appeared	No. of Students Certified
1	C/C++	13.07.2017	Mr.S.Chidambaram AP (SG) - IT	65	54
2	Java	10.08.2017	Ms.K.Usharani AP – CSE	91	75
3	PHP & mySQL	07.09.2017	Mr.S.Vimal AP (SG) – IT	94	77
4	Blender	21.09.2017	Mr.K.Karunai Raghavan, Librarian	57	54
5	Linux	13.02.2018	Mr.S.Cammillus, AP(SG) – ECE	122	91
6	LibreOffice	15.02.2018	Ms.S.Karthika, AP – ECE	95	76
Total				547	427