NEC Central Library Activities – for the Academic Year 2016 – 2017

Readers Park - Inaugural Function on 19.08.2016

Readers Park has been established and inaugurated on 19.08.2016 by 4.25 PM at our Central Library.

It started with prayer song and **Ms.G.Selva Gomathi**, II CSE welcomed the gathering, **Mr.M.Veera Shanthi Ram**, III EIE described about the readers park.

Dr.S.Shanmugavel, Principal, NEC has inaugurated the Readers Park by Launching the Video and delivered the presidential address. He emphasized the importance of Readers Park, and appreciated the students for the effort they have taken for initiative steps and also promised for setting up a wi-fi tree, and to create a park in front of the library and also advised the students to make use of library resources effectively.

Dr.S.Tamil Selvi, Professor & Head, ECE – PG, Library Officer, NEC has delivered the felicitation address and advised the students to maintain discipline in the library and to make use of all resources in the library. **Mr.K.Sankar**, Associate Professor, EIE gave the special address on the importance of reading habit.

Ms.R.Shri Vishnu Bharathi, II CSE has introduced the Readers Park's office bearers. **Mr.R.Parthipan**, II ECE explained the forthcoming activities of the Readers Park along with action plan and finally **Ms.J.Mariesh Preethi**, III ECE proposed the vote of thanks and the function ended with the national anthem.

Nearly seventy five students from various departments attended the function. **Mr.K.Karunai Raghavan**, Librarian, NEC and **Ms.S.Soundarya** IV–ECE have coordinated the entire function in a successful manner.





Review Meetings

Readers Park executive committee members meetings were held 7 times at Central Library during the current academic year 2016 – 17. The Committee members provided suggestions and recommendations for improving reading ability, policy taken and develop the leadership quality.

DEBATE on 30.08.2016

A DEBATE had been arranged at Readers Park titled on "**Print Media vs e-Resources**". Following members were present and lots of fruitful discussions were held among the speakers. The event was held at Central Library on 30.08.2016.

Judge: Mr.K.Loga Ganapathy

Print Media:	E-Resources:
Mr. M. Veera Shanthi Ram	Ms. Meenakshi Murugappan
Mr. M. Balasubramaniam	Ms. J. Mariesh Preethi
Ms. M. T. Raagavi	Ms. T. Vajitha Meera
Ms. G. Selva Gomathi	Mr. Ganapathi Subramanian
Mr. S. Santhosh Kumar	Mr. R. Parthiban
Mr. M. Durai Sundar	Ms. S. Soundarya
Ms. R. Anushri	Ms. D. Indhumathi

Mr.K.Karunai Raghavan, Librarian had encouraged all the speakers for their efforts. And he made a remark on how a professional debate has to be, highlighting that it should have proper order such as history, evolution, development, present trend, future scope and advancements etc.

Talk Your Way to Japan in English 2016 – 07.09.2016

ABK-AOTS DOSOKAI, Tamil Nadu Centre is an Alumini Association of ABK and the Association for Overseas Technical Scholarship (AOTS), Japan. To create awareness on Protecting Environment from Pollution.

ABK-AOTS DOSOKAI, Tamil Nadu Centre conducted a Speech Contest on 'Talk Your Way To Japan' in English 2016 for college students on 10.09.2016 (Saturday) held at ABK-AOTS DOSOKAI, Tamil Nadu Centre, Chennai.

In this Connection, NEC Readers Park has conducted preliminary speech Contest on 07.09.2016 at Central Library by 2.30 P.M. **Ms.R.Priyadharshni**, II IT welcomed the gathering, followed by the Readers Park Oath. **Dr.D.Manimegalai** HOD/IT, **Dr.S.Tamil Selvi** HOD/ECE – PG, **Mr.M.V.Mohammed Haneef** AP/Civil and **Ms.K.Usharani** AP/CSE acted as judges for this event.

The topic for the first round was "Recycling a Reformative Plan or Eyewash in Todays Environment" and for the second round "Environmental Pollution". Each student was allotted 5 minutes for presentation. The following students competed for the opportunity to represent our college in the first level of the contest.

Mr. C.Kartheeshwaran	_	II IT
Ms. R.Anushri	_	II Civil
Mr. M.Veera Shanthi Ram	_	III EIE
Ms. Meenakshi Murugappan	-	III ECE
Ms. G.Joselin Pavya Elezabeth	_	III CSE
Ms. S.Suriya	_	III EEE
Ms. M.T.Raagavi	_	II Civil

Various aspects and valuable points were discussed with humour and satire, some points even highlighted the ironies of the society and the way resources are being exploited for one's own needs and the greedy materialistic world, mushrooming population, emerging pollution, fading purity and peace etc. Many solutions were suggested and oaths taken to improve the quality of living and decrease pollution, making mother earth an earlier heaven to live in.

With a tough fight and neck to neck competition, making it difficult for the judges to decide. **Mr.M.Veera Shanthi Ram** III EIE and **Ms.R.Anushri** II Civil were selected for the next round to represent our esteemed institution for Talk Your Way To Japan Speech Contest on 10.09.2016 at Chennai.

Ms.R.Anushri II Civil had participated in the contest and went upto the final round at Chennai. **Engineers Day Celebrations on 15.09.2016**

NEC Readers Park has celebrated "Engineers Day" on 15.09.2016 at Central Library.

The Celebration started with a prayer song followed by which Ms.K.KANIGA – II EEE welcomed the gathering. Dr.S.Tamil Selvi, Convener delivered the presidential address, after which everybody took the Readers Park Oath. Mr.K.Shankar, Associate Professor, EIE mesmerized the audience with his crisp and witty words of wisdom on who is an Engineer? Gracing the occasion and triggered the student community about the responsibilities of the Engineers.

Ms.G.Selva Gomathi - II CSE delivered a wonderful self written poem initiating the occasion.

Ms.P.Rama Chandra Bharathi – III EEE gave a introductory speech about Engineers day in Tamil and **Ms.L.Raechel Annisha Angel** – III EEE in English.

Following this, a general quiz was conducted and which started with a preliminary round. 11 teams had participated from various departments in preliminary quiz out of which 6 teams were qualified for the final round. The Preliminary round was conducted by **Ms. M.T. Ragaavi** – II Civil.

Ms.D.Abidha and Ms.P.Gayatri Assistant Professors, ECE had served as Judges for the general quiz.

Following teams were shortlisted for the final round:

Team 'A'	1.	Mr. M. Gopinath	-	III CSE
	2.	Mr. K. Ashok	-	III CSE
Team 'B'	1.	Ms. T. Sujitha	-	II CSE
	2.	Ms. P. Sudalai Vadivoo	-	II CSE
Team 'C'	1.	Ms. G. Selva Gomathi	-	II CSE
	2.	Ms. T. Maya Muthu Selvi	-	II CSE
Team 'D'	1.	Mr. R. Aravindhan	-	II EEE
	2.	Mr. S. Ariharan	-	II EEE
Team 'E'	1.	Ms. M. Lakshmi Priya	-	II CSE
	2.	Ms. R. Shri Vishnu Bharathi	-	II CSE
Team 'F'	1.	Ms. A. Abirami	-	II CSE
	2.	Ms. N. Abirami	_	II CSE

First, two rounds of quiz were conducted by **Ms. R. Anushri** II Civil. Round one is General Studies and Second round is reasoning related questions.

The Third round was conducted by **Ms.M.T.Ragaavi** II Civil and the questions were asked from Indian towns associated with industries and famous nicknames of important peoples.

Last two rounds were conducted by **Ms.G.Joselin Pavya Elezabeth** III CSE. In fourth round questions Geography, Inventions and discoveries, Music and dance, sports, superlatives and world history. Were asked final round is who am i?

The quiz was successfully completed and the winners are:

I Prize :	1.	Mr. R. Aravindhan	-	II EEE
	2.	Mr. S. Ariharan	-	II EEE
II Prize:	1.	Ms. T. Sujitha	-	II CSE
	2.	Ms. P. Sudalai Vaidivoo	-	II CSE
III Prize:	1.	Ms. A. Abirami	-	II CSE
	2.	Ms. N. Abirami	_	II CSE

Readers Park congratulated all the winners.

Ms.N.Nisa Fatima, Ms.Meenakshi Murugappan, Mr.K.Loga Ganapathy, Ms.R.Anusri, Ms.M.T.Ragaavi, Mr.R.Narein Krishna, Mr.P.R.Prakesh, Ms.G.Joselin Pavya Elezabeth, Ms.T.Joy Shanna and Ms.G.Selva Gomathi coordinated the events successfully.

Expertise Talk on 05.10.2016

The Readers Park was happy to extend the presenters to present on the topic of own choice and interest, the joy of technology in an exclusive celebrate in **Expertise Talk**. The celebration was scheduled on 05.10.2016 (Wednesday) at Central Library.

Mr.M.Durai Sundar, II ECE welcomed the gathering, followed by all the members had taken the Readers Park Oath.

Dr.A.Shenbagavalli HOD, ECE (UG) and **Dr.S.Tamil Selvi** HOD, ECE (PG) graced the occasion as the guests of honour and guided the students throughout the presentation.

The following students have shared their thoughts on the following topics:

Sl. No.	Name of the Presenters	Dept.	Presentation on	
1	Ms.Kausalya Devi, S.	III ECE	Nanorobotics	
2	Ms.Joselin Pavya Elezabeth, G.	III CSE	PSLV: An Overview	
3	Ms.Anushri, R.	II Civil	Amiricalum Tamilan Valuivalum	
4	Mr.Gokul Kannan, M.	II Civil	Ariviyalum Tamilar Valviyalum	
5	Ms.Raagavi, M. T.	II Civil	Resources Exploitation	

Students presented their presentations on the topics with very much enthusiasm and enthralled the audience with their wonderful information and content delivery.

The guest of honour 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.Meenakshi Murugappan, III ECE proposed the vote of thanks. Nearly twenty students from various departments participated in the celebration. **Mr. K. Karunai Raghavan**, Librarian, **Mr. K. Logaganapathy** of III ECE, **Ms.D.Swathi** and **Ms.G.Nandhini** of II EIE have coordinated the entire event in a successful manner and the celebration ended with the national anthem.

Book Review Talk on 20.12.2016

Book Review Talk was conducted by Readers Park with the budding presenters at the Central Library on 20.12.2016 (Tuesday).

Ms.I.Grace Sushma, II Civil welcomed the gathering, followed by all the members had taken the Readers Park Oath.

Dr.S.Tamil Selvi HOD, ECE(PG), **Mr.V.Sivakumar**, AP–CSE and **Mr.S.Cammillus** AP(SG) - ECE, graced the occasion as the guests of honour and guided the students throughout the presentation.

The following students have shared their thoughts on the following topics:

Sl. No.	Name of the Presenters	Dept.	Presentation on
1	Ms.Lakshmi Prabha, C.	III CSE	GATE – CSE & IT (MGH)
2	Ms.Selva Gomathi, G.	II CSE	Kanavu Meippadum by Sugi Sivam
3	Ms.Grace Sushma, I.	II Civil	The Power of Positive Thinking
3	Wis.Orace Susinna, 1.	II CIVII	by Normen Vincent Peale
4	Ms.Maya Muthu Selvi, T.	II CSE Pygmalion by George Bernad Shaw'	
5	Ms.Shri Vishnu Bharathi, R.	II CSE	Ponniyin Selvan by Kalki
6	Ms.Joselin Pavya Elezabeth, G.	III CSE	The Illustrated Family Encyclopedia
7	Ms.Anushri, R.	II Civil	Shackleton-The Voyage of the James Caird by Gavin Mclumiskey & Butler
8	Mr. Veera Shanthi Ram, M.	anthi Ram, M. III EIE Life is what you make by Preeti Sheno	
9	Ms.Meenakshi Murugappan	III ECE	Till The Last Breath by Durjoy Datta
10	Mr.Gokul Kannan, M.	II Civil	You & Me by Gopinath

Ms.G.Selva Gomathi, II CSE proposed the vote of thanks. Mr.K.Karunai Raghavan, Librarian, Ms.G.Joselin Pavya Elezabeth III CSE and Ms.C.Lakshmi Prabha III CSE have coordinated the entire event in a successful manner and the celebration ended with the national anthem.

Techno Talk on 24.01.2017

Techno talk was conducted by Readers Park at the Central Library on 24.01.2017.

Ms.M.T.Raagavi, II Civil welcomed the gathering, followed by all the members had taken the Readers Park Oath.

Dr.S.Tamil Selvi HOD, ECE (PG) graced the occasion as the guests of honour and guided the students.

Mr.M.Veera Shanthi Ram III EIE spoke about build an empire with the stones thrown at you, he shared his views about how one should not feel frightened to express their views and opinion in front of a crowd of audience, highlighting the importance of self confidence.

Mr.S.Chokkalingam III EIE spoke about "hesitate to hesitate" supporting the need of self confidence among the readers.

Mr.K.Loga Ganapathy III ECE spoke about '3 phases' of my life: A path to being successful. He spoke about various phases and characters, which influenced his life and their characteristics of being unique and not giving up easily, he also added that these are the guiding secrets towards success.

Ms.R.Durga Priyadharshini III ECE spoke about herself, she shared about her likes, dislikes, interests in a humorous way encouraging everyone to come forward and speak their heart out.

Ms.V.Krishna Nivedha III ECE spoke about mythological stories from The Mahabharath which touched her heart and made her thoughtful about life.

Ms.Meenakshi Murugappan III ECE spoke about mythological stories from VALMIKI RAMAYANA which was new than what we had known till now, leading us to view a new dimension of the already known mythological text.

Ms.R.Anushri II Civil spoke about '360⁰ minds for future' describing various stages of human mind, telling us how to judge people and how can we achieve excellence understanding and excelling in different minds.

Ms.M.T.Raagavi II Civil spoke about '3 mile island disaster' highlighting the responsibilities of engineers in the society, so as to avoid such mishappenings and incidents which kill and harm millions of lives.

Ms.R.Anushri II Civil proposed the vote of thanks. Nearly twenty five students from various departments participated in the event. **Mr.K.Karunai Raghavan**, Librarian has coordinated the entire programme in a successful manner and the celebration ended with the national anthem.

Intra College Quiz - 2017

Central Library and Readers Park, National Engineering College jointly conducted the Intra College Quiz – 2017 during February 16 & 27, 2017 at Central Library.

Newspaper Review Quiz – 2017 on 16.02.2017

Newspaper Review Quiz -2017 was conducted on Feb. 16, 2017. **Dr. S. Tamil Selvi**, Convener conducted the preliminary exam. Fifty Eight students had attended the preliminary exam. Out of which six teams were selected for the final round.

Quiz was conducted by Mr.K.Karunai Raghavan, Librarian, Ms.A.Dhanushya & Ms.S.Bala Abhirami III EEE.

Dr.S.Tamil Selvi and **Mr.K.Logaganapathy**, III ECE had served as judges for Newspaper Review Competition Quiz. The winners of the quiz are:

I Prize	1.	Mr.N.Madhan Kumar (140009)	III – Mech
	2.	Mr.S.Maha Pon Raja (140033)	III - Mech
II Prize	1.	Mr.S.S.Siva Shankar (143058)	III - EEE
	2.	Mr.K.P.Shanmuga Sundar (143115)	III - EEE
III Prize	1.	Mr.M.Jegan (133034)	IV - EEE
	2.	Mr.N.Deepanraj (133038)	IV - EEE
Participants:	1.	Mr.S.Karthikeyan	III - Mech
	2.	Mr.P.Mohamed Ali Jinnah	III – Mech

3.	Ms.M.Raga Shruthi	III - IT
4.	Ms.R.Anna Lakshmi	III - IT
5.	Mr.T.Arumugam	IV ECE
6.	Mr.S.Prakash Nathan	IV ECE

Book Review Quiz - 2017 on 27.02.2017

Book Review Quiz – 2017 was conducted on February 27, 2017. Dr.S.Tamil Selvi conducted the preliminary exam. Thirty Four students had attended the exam. After the examination, six teams were selected for final round.

Quiz was conducted by **Mr.K.Karunai Raghavan** and **Ms.Meenakshi Murugappan** III ECE in five rounds.

Dr.S.Tamil Selvi and **Ms.G.Joselin Pavya Elezabeth** III CSE had served as judges for Book Review Quiz. The winners of the quiz are:

I Prize	1.	Mr.R.Aravindhan (153029)	II - EEE
	2.	Mr.S.Arikaran (153077)	II - EEE
II Prize	1.	Mr.S.S.Siva Shankar (143058)	III – EEE
	2.	Mr.K.P.Shanmuga Sundar (143115)	III – EEE
III Prize	1.	Ms.R.Vinitha (162072)	I-CSE
	2.	Ms.D.Ambujam Vigneswari (164053)	I - EIE
Participants	1.	Mr.S.Prakash Nathan (131098)	IV ECE
	2.	Mr.D.Gomathi Nayagam (131047)	IV – ECE
	3.	Mr.N.Madhan Kumar (140009)	III – Mech
	4.	Mr.S.Maha Pon Raja (140033)	III – Mech
	5.	Ms.H.Kirthika (141073)	III ECE
	6.	Ms.S.Muthu Lakshmi (141016)	III ECE

The Quiz was held for two days February 16 and 27, 2017. 92 students had participated in the quiz competition. **Dr.S.Tamil Selvi** Library Officer and **Mr.K.Karunai Raghavan**, Librarian coordinated the quiz programme.

NPTEL Local Chapter

To encourage more students across colleges to participate in the NPTEL Courses. NPTEL, IIT Madras has settings NPTEL Local Chapter at NEC with the headship of a faculty member of the college, who would be Single Point of Contact (SPOC).

NPTEL 'AAA' Rating

NPTEL, IIT Madras recognized our College as a valuable NPTEL Local Chapter with a rating of 'AAA' based on the performance in NPTEL Online Certification courses during the period July – December 2016.

NPTEL Toppers: Jul – Dec 2016 Session

The following faculty members were NPTEL Toppers during the period Jul – Dec 2016.

Fundamentals of MIMO Wireless Communication



Kavitha, P. AP (SG), ECE, 94%



Sathishkumar, M. AP, ECE, 93%



Abisha, J. AP, ECE, 91%

Basic Electrical Circuits



Theory of Computation

Introduction to Research



Bakrutheen, M. AP, EEE, 94%



Bhuvaneswari, M. AP (SG), CSE, 90%



Gayatri, P. AP, ECE, 90%

NPTEL Results

Sl. No.	Name of the Course	Appeared	Qualified
1	Algorithms for Big Data	1	1
2	Basic Building Blocks of Microwave Engineering	2	1
3	Basic Electrical Circuits	27	14
4	MMSE Esti. for Wireless Comm. MIMO/ OFDM	2	2
5	Chemical Appli. of Symmetry & Group Theory	1	1
6	Developing Soft Skills and Personality	39	36
7	Discrete Time Signal Processing	5	3
8	Earth Sciences for Civil Engineering	10	9
9	Economics of IPR	2	0
10	Fluid Machines	20	4
11	Fundamentals of MIMO Wireless Comm.	3	3
12	Health Research Fundamentals	1	1
13	How the Brain Creates Mind	4	4
14	Introduction to Cryptology	2	2
15	Introduction to Electromagnetic Theory	15	6
16	Introduction to Operating Systems	6	5
17	Introduction to Psychology	5	1
18	Introduction to Research	19	19
19	Organo Metallic Chemistry	2	2
20	Pls. and Applications of NMR Spectroscopy	1	0
21	Programming in C++	15	11
22	Project Planning and Control	9	3
23	Soft Skill Development	109	72
24	Theory and Practice of Non Destructive Testing	35	26
25	Theory of Computation	5	5
	Total	340	231

NPTEL - October 2016 Session

Sl. No.	Name of the Course	Appeared	Qualified
1	Concrete Technology	51	21
2	Digital Image Processing	4	4
3	Fundamental Algorithms: Design and Analysis	1	1
4	GPS SURVEYING	1	1
5	Introduction to Modern Application Development	8	8
6	Manufacturing System Technology Part 1 & 2	1	1
7	Modern Construction Materials	5	0
8	Optical Communications	1	1
9	Privacy and Security in Online Social Media	3	3
10	Structural Dynamics	1	0
11	VLSI Design Verification and Test	5	4
	Total	81	44

NPTEL Online Certificate Exams on March, 2017

Sl. No.	Name of the Course	Appeared	Certified
1	Analog Circuits	3	2
2	Chemistry I: Intro. to Quantum Chemistry & Molecular Spectroscopy	1	1
3	Design and Analysis of Algorithms	2	2
4	Engineering Mechanics: Statics and Dynamics	6	5
5	Fundamentals of Electronic Materials and Devices	30	10
6	Information Security-3	1	1
7	Introduction to Mechanical Vibration	1	1
8	Introduction to Modern Application Development	1	1
9	Introduction to Research	1	1
10	Modeling and Simulation of Dynamic Systems	1	1
11	Non Traditional Abrasive Machining Processes - Ultrasonic, Abrasive Jet and Abrasive Water Jet Machining	2	2
12	Outcome Based Pedagogic Principles for Effective Teaching	11	10
13	Principles of Communication - Part 1	1	1
14	Probability and Random Variables/ Processes for Wireless Communications	5	4
15	Programming, Data Structures and Algorithms using Python	12	10
16	Project Management	1	1
17	Waste to Energy Conversion	1	1
18	Wireless Ad Hoc and Sensor Networks	4	4
	Total	84	58

NPTEL Online Certificate Exams on April, 2017

Sl. No.	Name of the Course	Appeared	Certified
1	Antennas	1	1
2	Basic Electronics	5	5
3	Convective Heat Transfer	1	1
4	Digital Land Surveying and Mapping (DLS & M)	1	1
5	Embedded Systems Design	6	6
6	English Language for Competitive Exams	148	89
7	Enhancing Soft Skills and Personality	71	67
8	HSE Practices for Offshore and Petroleum Industries	1	1

9	Hydration, Porosity and Strength of Cementitious Materials	iterials 2	
10	Internetwork Security	2	2
11	Introduction to Fluid Mechanics	6	5
12	Introduction to Remote Sensing	1	1
13	Manufacturing Process Technology - I & II	5	5
14	Mathematical Methods and its Applications	1	1
15	Medical Image Analysis	2	2
16	Product Design and Development		1
17	Speaking Effectively 1		1
	Total	255	190

Spoken Tutorials, IIT Bombay

Sl. No.	Name of the FOSS Course	Workshop Date	No. of Participants	Test Appeared	Certified
1	C/C++	09.01.2017	53	49	33
2	JAVA	15.02.2017	46	46	24
3	LaTex	17.02.2017	64	54	27
4	Linux	20.02.2017	48	40	29
Total			211	189	113

NEC Central Library has taken initiative in organizing FOSS training through spoken tutorial project, IIT Bombay from the academic year 2016-17. Nearly 211 students participated. Totally 113 students have successfully completed various FOSS training on JAVA, C++, Linux and LaTex.

- ✓ Mr.G.Pandiyarajan, AP/IT, acted as organizer for FOSS Workshop on 'C/C++' through Spoken Tutorial, IIT Bombay on January 9, 2017. Nearly 53 students participated.
- ✓ Mr.S.Cammillus, AP(SG)/ECE, acted as organizer for FOSS Workshop on 'Java' through Spoken Tutorial, IIT Bombay on February 15, 2017. Nearly 46 students participated.
- ✓ Dr.S.Tamil Selvi, HOD, ECE PG, acted as organizer for FOSS Workshop on 'Latex' through Spoken Tutorial, IIT Bombay on February 17, 2017. Nearly 64 students participated.
- ✓ Mr.S.Dheenathayalan, AP/CSE, acted as organizer for FOSS Workshop on 'Linux' through Spoken Tutorial, IIT Bombay on February 20, 2017. Nearly 48 students participated.