



**Er.Perumal Manimekalai Polytechnic College**  
( An ISO 9001- 2015 Certified Institution)  
Approved by AICTE & Affiliated to Directorate of Technical Education  
Koneripalli, Hosur- 635117



## DEPARTMENT OF CHEMICAL ENGINEERING

Department News Letter June 2020-May 2021

Volume-5

Issue-5

### VISION OF THE INSTITUTION

PMC Tech Polytechnic College shall emerge as a premier Institute for value added technical education coupled with Innovation, Incubation, Ethics and Professional values.

### MISSION OF THE INSTITUTION

- ❖ To foster the professional competence through excellence in teaching and learning.
- ❖ To nurture overall development of students by providing Quality Education & Training.
- ❖ To provide innovative environment to learn, innovate and create new ideas for the betterment of oneself and society.

### VISION OF THE DEPARTMENT

To prepare the chemical engineers who can pursue their goals which will benefit the society and environment.

### MISSION OF THE DEPARTMENT

- ❖ **IMPART:** Quality education and training in chemical Engineering an associate fields to enable the students to imbibe technical and analytical skills through logical thinking.
- ❖ **GROOM:** The student leadership skills, professional Ethics, transparency and accountability with technical knowledge,
- ❖ **INCULACATE:** Sense of social and environmental responsibility among students to apply chemical engineering principal in solving industrial problems through sustainable and eco-friendly technologies for betterment society and nations.

### PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

- ❖ Have a good training in fundamental and advanced concepts of Chemical and allied Engineering for good career in industry of for Higher Studies.
- ❖ Demonstrate professional excellence, ethics, soft skills and leadership qualities through skill development.
- ❖ Contribute to the economic and environment of their communities by providing opportunities for innovation and lifelong learning.

## TRAINING & MOTIVATIONAL PROGRAMME

Excellence is an art won by Training, We do act rightly because we have virtue or excellence, but we rather have those because we had acted rightly. Our Department always makes our students to excel in all their deeds by providing training at regular intervals by various leading corporate trainers.

S.No	Name Of The External Agency
1	Art of Living, BENGALURU
2	Tamil Peravai ,PMC TECH

## TAMIL PERAVAI



## TECHNICAL SYMPOSIUM



## FACULTY DEVELOPMENT PROGRAMME

To enrich the quality of professional skills and to update knowledge, our faculty members are participated in the Following Workshops.

S.NO	Name of the event	Institution in which they participated
1	Faculty Enabled Program on National Educational Policy by AICTE Sponsored	Inter College
2	Relax Training Academy, Chennai	Inter College
3	Faculty development program me on Implementation of OBE and Online teaching	NITTR, Hyderabad



## FACULTY ENABLED PROGRAMME

**PMC TECH**  
INSPIRE TO INNOVATE


**Er. PERUMAL MANIMEKALAI  
POLYTECHNIC &  
ENGINEERING COLLEGE**

NH 44, Hosur - Krishnagiri Highways, Koneripalli (Po), Hosur, Tamilnadu - 635 117.

Organizes  
**FACULTY ENABLEMENT PROGRAM**  
on

**'NATIONAL EDUCATIONAL  
POLICY' (NEP) 2020**

Resource Person:  
**Buddha Chandrasekhar**  
Chief Coordinating Officer  
AICTE, New Delhi



Date: 23.02.2021  
Time: 02.30 pm

Topic:  
**Highlights  
&  
Keyfeatures of NEP**

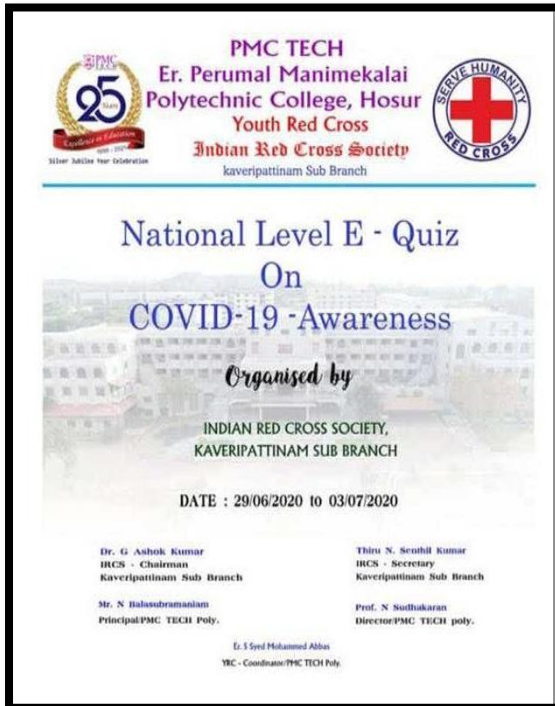
Live on  
**Google Meet**  
(Tap / Click here to join)


TAP here to join




# CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

## NCC, YRC & RED CROSS




**PMC TECH**  
**Er. Perumal Manimekalai**  
**Polytechnic College, Hosur**  
**Youth Red Cross**  
**Indian Red Cross Society**  
 Kaveripattinam Sub Branch



**National Level E - Quiz**  
**On**  
**COVID-19 -Awareness**

**Organised by**  
 INDIAN RED CROSS SOCIETY,  
 KAVERIPATTINAM SUB BRANCH

DATE : 29/06/2020 to 03/07/2020

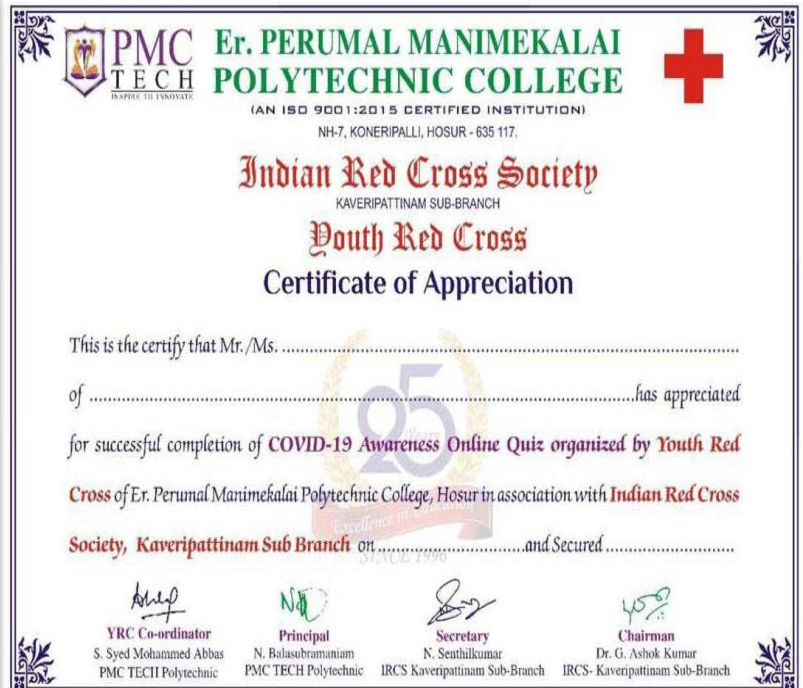
**Dr. G. Ashok Kumar**  
 IRCS - Chairman  
 Kaveripattinam Sub Branch


**Thiru N. Senthil Kumar**  
 IRCS - Secretary  
 Kaveripattinam Sub Branch


**Mr. N. Balasubramaniam**  
 Principal, PMC TECH Poly.

**Prof. N. Suthakaran**  
 Director, PMC TECH poly.

**E. S. Sreed Mohammed Abbas**  
 YRC - Coordinator, PMC TECH Poly.






**Er. PERUMAL MANIMEKALAI**  
**POLYTECHNIC COLLEGE**  
 (AN ISO 9001:2015 CERTIFIED INSTITUTION)  
 NH-7, KONERIPALLI, HOSUR - 635 117.




**Indian Red Cross Society**  
 KAVERIPATTINAM SUB-BRANCH  
**Youth Red Cross**  
**Certificate of Appreciation**

This is to certify that Mr./Ms. ....  
 of ..... has appreciated  
 for successful completion of **COVID-19 Awareness Online Quiz** organized by **Youth Red**  
**Cross** of Er. Perumal Manimekalai Polytechnic College, Hosur in association with **Indian Red Cross**  
**Society, Kaveripattinam Sub Branch** on ..... and Secured .....


**YRC Co-ordinator**  
 S. Syed Mohammed Abbas  
 PMC TECH Polytechnic


**Principal**  
 N. Balasubramaniam  
 PMC TECH Polytechnic


**Secretary**  
 N. Senthilkumar  
 IRCS Kaveripattinam Sub-Branch


**Chairman**  
 Dr. G. Ashok Kumar  
 IRCS- Kaveripattinam Sub-Branch

## STUDENTS PLACEMENT



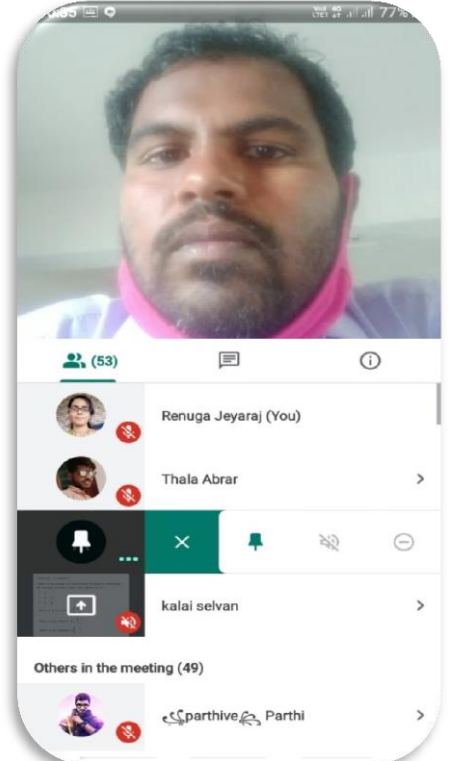
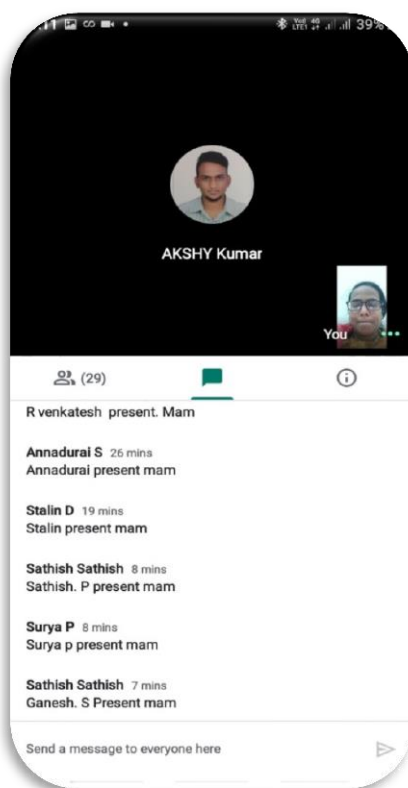
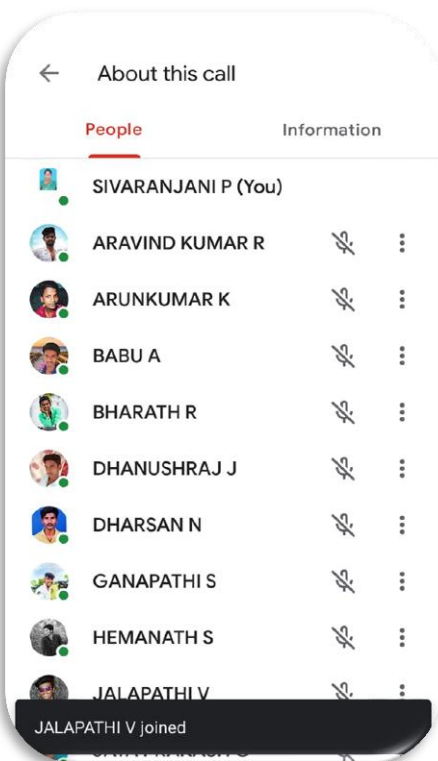
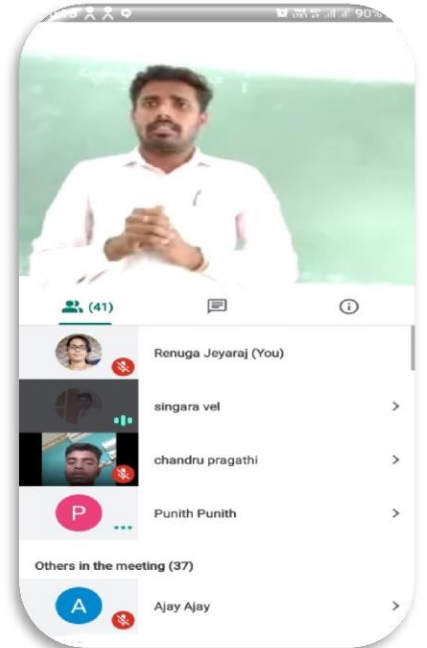
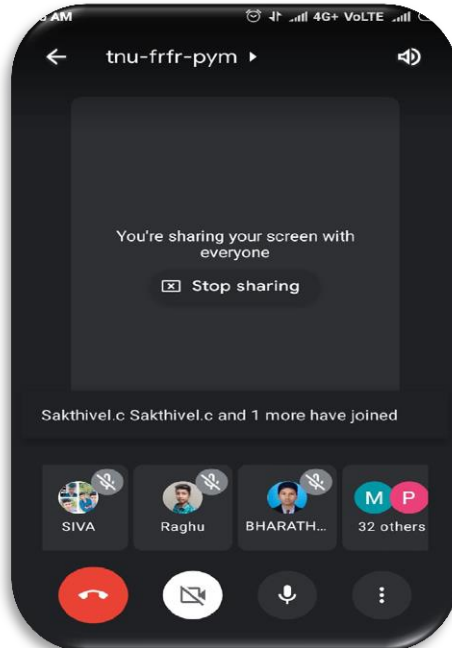
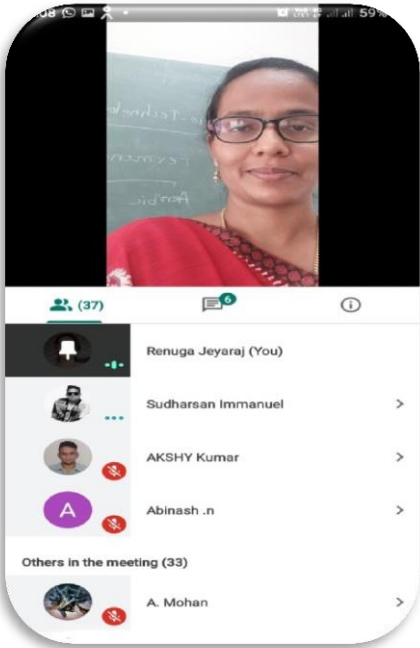
## OUR CHEMICAL DEPARTMENT STUDENTS HAVE PLACED IN THE FOLLOWING INDUSTRIES.

S.No	Name Of The Industry
1.	Solara Active Pharma Sciences, Cuddalore
2.	Natural Remedies, Bengaluru.
3.	Lake Chemicals Private Limited, Bengaluru
4.	Natural Remedies, Hosur.
5.	Luminuous Batteries, Hosur
6.	Nerolac Paints, Hosur.
7.	Sanmar Speciality Chemicals, Krishnagiri.
8.	Global Calcium Private LTD, Hosur
9	Micro Labs Private LTD, Hosur.
10	Orchid Chemicals, Chennai

## STUDENTS PLACEMENT STATISTICS

S.No	Name Of The Organisation	No Of Students Placed
1	Global Calcium Pvt Ltd, Hosur	09
2	Orchid Pharma Ltd, Chennai	01
3	Luminous Power Technologies Ltd, Shoolagiri	11
4	Natural Remedies Pvt Ltd, Hosur	02
5	Kansai Nerolac Paints Ltd, Hosur	06
6	Lake Chemicals Pvt Ltd, Bangalore	02
7	Microlabs Ltd, Hosur	05
8	Solara Active Pharma Sciences Ltd, Cuddalore	09
9	Sanmar Speciality Chemicals ltd, Berigai	01
10	Higher Studies	05

# ONLINE CLASS



# INDUSTRIAL VISIT





## FACULTY DEVELOPMENT PROGRAMME

Sl	Title Of The Event	Date	External Agency
1	Faculty Enabled Program on National Education Policy	23/02/2021	Mr. Buddha Chandrasekar, Chief coordinating Officer, AICTE, New Delhi
2	FDP on Nurturing Next Generation Program	26/03/2021	Mr. T Reghunath (psychologist), Relax Training Academy, Chennai

### NAME OF THE FACULTY : RENUGADEVI K, HOD

Sl	Event	Title Of The Event	College In Which Participated	Date
1	Webinar	How to improve English Pronunciation	PSG Polytechnic, Coimbatore	10.06.2020
2	Webinar	Online learning tool using Google Classroom	Er.Perumal Manimekalai College of Engineering	02.07.2020
3	Webinar	Application of Computational Fluid Dynamics for Chemical Engineers	Saveetha Engineering College	11.07.2020
4	Quiz	Outcome based Education	Er.Perumal Manimekalai College of Engineering	13.07.2020
5	Webinar	Role of Chemical Engineers in Industries	Nandha Engineering College, Erode	04.08.2020
6	One Week FDP	Outcome based Education and NBA Accreditation	Thiagarajar Polytechnic College, Salem	10.08.2020 to 14.08.2020
7	Online Course-Swayam (81%)	Accreditation for Diploma Engineering Programme	NITTTR, Bhopal	Exam Date : 29.09.20
8	Six Day FDP	Online Teaching and Learning Pedogogy	Knowledge institute of Technology, kakapalayam, salem	5/4/21 to 12/4/21
9	One week FDP	Faculty development programme on Implementation of OBE and Online teaching	NITTR, Hyderabad	24/5/21 to 28/5/21

### NAME OF THE FACULTY : SHANMUGAM M , Sr. LECTURER

10	One week STTP	Short term training program on INDUSTRIAL ROBOTICS	Rajagopal Polytechnic college	14/12/20 to 19/12/20
11	One week FDP	Faculty development programme on Implementation of OBE and Online teaching	NITTR, Hyderabad	24/5/21 to 28/5/21

### NAME OF THE FACULTY : SIVARANJANI P, Lecturer

12	Six Day FDP	Faculty development programme on Implementation of OBE and Online teaching	NITTR, Hyderabad	24/5/21 to 28/5/21
13	One week FDP	Online Teaching and Learning Pedagogy	Knowledge institute of Technology, kakapalayam, Salem	5/4/21 to 12/4/21
14	One week FDP	Advanced Trends in Biomedical Research using Deep learning	Mepco Schlenk Engineering	17/5/21 to 21/5/21

		Techniques	College, Sivakasi	
15	Quiz Competition	National level Online chemistry Quiz	Lords Institute of Engg and Technology	27/5/21
16	One week FDP	Faculty development programme on Industrial internet of things (IIOT)	AICTE Training and Learning (ATAL) Academy	7/6/21 to 11/6/21
17	One week FDP	Faculty development programme on Emerging Technologies for Sustainable Environmental Management	AICTE Training and Learning (ATAL) Academy	31/5/21 to 4/6/21
18	Two days out reach program	Online Teaching Tools	Care college of Engineering	17/5/21 & 18/5/21
19	webinar	Role of Dr.B.R.AMBEDKAR and his vision towards Women Empowerment and Education	Dr.Ambedkar Institute of Technology, Bengaluru	12/6/21
20	Industrial Visit	NOVATEK, Pvt Ltd	Jigs and fixtures, Mould design and Automation	29/3/21

**NAME OF THE FACULTY : VINOTH KUMAR M, Lecturer**

21	webinar	NBA Accrediation Process for Polytechnic colleges.	Knowledge institute of Technology, kakapalayam, Salem.	27.05.2020-01.06.2020
22	webinar	Faculty Development Program on Advancements in material science	Dhanalakshmi srinivasan college of engineering-Coimbatore	31.03.2021
23	webinar	Faculty Development Program on Smart manufacturing with robotics and Automation.	Murugappa polytechnic college - Chennai	18.05.2021-19.05.2021
24	Quiz	Entrepreneurship Development	Rajagopal polytechnic college-Vellore	25.05.2021
25	webinar	Matlab and Labview programming for Engineering Applications.	National Institute of Technical Teachers Training and Rearch-Chennai.	24.05.2021-04.06.2021

**NAME OF THE FACULTY : DHILIP M, Lecturer**

25	Six Day FDP	Online Teaching and Learning Pedogogy	Knowledge institute of Technology, kakapalayam, salem	5/4/21 to 12/4/21
26	Five Day FDP	Outcome Based Curriculum	Sri Venkateshwara College Of Engineering And Technology, Chittoor	7/4/21 to 11/4/21
27	Webinar	Innovative Teaching - Learning Methodolgies Using ICT Tools	Arasan Ganesn Polytechnic College	16-03-2021

28	Webinar	NBA Accreditation Process for Polytechnic colleges.	Knowledge institute of Technology, kakapalayam, Salem.	27.05.2020-01.06.2020
29	Webinar	Role of Chemical Engineers in Industries	Nandha Engineering College, Erode	04.08.2020
30	Webinar	Faculty Development Program on Advancements in material science	Dhanalakshmi srinivasan college of engineering-Coimbatore	31.03.2021
31	Quiz	Entrepreneurship Development	Rajagopal polytechnic college-Vellore	25.05.2021

**NAME OF THE FACULTY : BASAVARASU C, Lecturer**

32	Webinar	3D Printing	Tagore Engineering College, Chennai	4/6/20
33	Webinar	Socio Techno Preech -2k20	National Engg College, Kovilpatti	13/6/20 to 14/6/20
34	Webinar	Importance of MEP in Buildings	Eswari Engg College	21/6/20 to 23/6/20
35	Quiz	Online quiz in Fluid Mechanics	Government Polytechnic college, Krishnagiri	5/7/20
36	Quiz	Entrepreneurship	Rajagopal polytechnic college-Vellore	19/3/21
37	Six Day FDP	Faculty development program on Implementation of OBE and Online teaching	NITTR, Hyderabad	24/5/21 to 28/5/21
38	Industrial Visit	NOVATEK, Pvt Ltd	Jigs and fixtures, Mould design and Automation	29/3/21

**NAME OF THE FACULTY : Arunachalam L, Lecturer/ Maths**

39	Webinar	Statistical Tools on Engineering Applications	Arasu Enginnering College	24-02-2021
40	Webinar	Innovative Teaching - Learning Methodolgies Using ICT Tools	Arasan Ganesn Polytechnic College	16-03-2021
41	Quiz	Entrepreneurship Quiz	Rajagopal Polytechnic College	2020-2021
42	Two Week FDP	Tools for Collaborative Teaching & Learning	Chevalier T.Thomas Elizabeth College for Women	12-03-2021 to 20-03-2021
43	1 Day Workshop	Spiritual World Record 2021	The World Community Service Centre	28-03-2021
44	2 days FDP	NET/SET in Mathematical Sciences	Karmaveer Bhaurao Patil College, Vashi	01-03-2021 to 02-03-2021
45	2 Days FDP	Outcome Based Education Road Map For Accreditation	Vels Institute of Science, Chennai	20-01-2021 & 21-01-2021

**NAME OF THE FACULTY : Munusamy P, Lecturer/Chemistry**

46	Quiz	Entrepreneurship Quiz	Rajagopal Polytechnic College, Gudiyatham	2020-2021
47	Webinar	Statistical Tools on Engineering Applications	Arasu Enginnering College , Kumbakonam	2/24/2021
48	Webinar	Tools for Collaborative Teaching & Learning	Chevalier T.Thomas Elizabeth College for Women	12-03- 2021 to 20-03-2021
49	Webinar	Innovative Teaching - Learning Methodolgies Using ICT Tools	Arasan Ganesn Polytechnic College, Sivakasi	3/22/2021

50	Webinar	Carbon Nanostructure & It's Applications	St.Joseph's Institute of Technology, Chennai	20-07-2020 to 21-07-2020
51	Six Day FDP	Applications Mathematics in Engineering	KPR Institution of Engineering & Technlgy	20-07-2020 to 25-07-2020
52	Webinar	Computational Chemistry on Biofuel Development	St.Joseph's Institute of Technology , Chennai	7/16/2020
<b>NAME OF THE FACULTY : Singaravel R, Lecturer/Physics</b>				
53	Six Day FTP	Online Teaching and Learning Pedagogy	Knowledge Institute of Technology, Salem	05-04-2021 to 12-04-2021
54	Webinar	Quantity Aptitude Reasoning Skills	Arasu Engineering College, Kombakonam	30-04-2021

## STUDENT ACHIEVEMENT

Sl	Student Name	Year	Event	Title Of The Event	College In Which Participated	Date
1	Akshy kumar D	III Year Chemical	Quiz	Online quiz series on chemical fourth semester subjects including mechanical operations, momentum transfer and inorganic chemical Technology	Motilal Nehru Government Polytechnic college, Puducherry.	12/06/2020
2	Akshy kumar D	III Year Chemical	Quiz	Online quiz series on chemical fourth semester subjects including mechanical operations, momentum transfer and inorganic chemical Technology	Motilal Nehru Government Polytechnic college, Puducherry.	19/06/2020
3	Annadurai S	III Year Chemical	Webinar	3D Printing	Government Polytechnic College, Krishnagiri	25/7/20
4	Annadurai S	III Year Chemical	Quiz	Online quiz series on chemical fourth semester subjects including mechanical operations, momentum transfer and inorganic chemical Technology	Motilal Nehru Government Polytechnic college, Puducherry.	12/06/2020
5	Akshy kumar D	III Year Chemical	Assessment	Skills for work-Presentation skills	Cambridge Assessment - English	
6	Harish S	III Year Chemical	Quiz	Covid-10 awareness	Er,Perumal Manimekalai Polytechnic college	27/6/20
7	Sathish kumar G	III Year Chemical	Quiz	Online quiz series on chemical fourth semester subjects	Motilal Nehru Government Polytechnic college, Pondy	12/06/2020

## 2021 PASS OUT CHEMICAL STUDENTS



### CHIEF EDITORS:

Prof. N Sudhakaran, Director.

Er. N. Balasubramaniam, Principal.

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Mr.S. Shanmugam Sr. Lect / CHEM.

Mr.M. Vinoth Kumar Lect / CHEM.

Mr.M. Dhilip Lect/ CHEM.

Mrs.P. Sivaranjani Lect / CHEM.

Mr.C. Basavarasu Lect / CHEM.

Mr.D. Akshay Kumar, III Yr Chem Student.

Mr.A. Babu, II Yr Chem Student.