

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ELECTRONICS

DEPARTMENTAL FACILITIES

CHART LIST

SR.NO	NAME OF CHART	POINTS	QUANTITY
1	Interfacing Pheripherals I	8272 & 8151 Pins	1
2	Interfacing Pheripherals Ii	8279 - 8259a & 8253 Pins	1
3	Instruction Sets	Instruction Sets	1
4	Communication System- Iii	Frequency Modulation	1
5	Communication System-I	Singal Side-Band Modulation (S.S.B.M)	1
6	Satellite Communication	Information - Electrical Signal-Decoder-Electromagnetic Signals-Reflected Electromagnetic Signals-Coder-Electrical Signals-Monitor.	1
7	Radio Detection And Ranging (Radar)	Radars	1
8	Industrial Electronics I Wave Shapping Integrating Circuit	Wave Shapping Integrating Circuit	1
9	Rectifiers – Half Wave Rectifier	Half Wave Rectifier, Full Wave, Rectifire Voltage Wave.	1
10	Development Of Light Intensity Monitoring System		1
11	Department Quality Policy And Objective		1

HOD

HEAD

Department of Electronics Yashwantrae Chavan College of Science, Karad Principal

Yashwantrao Chavan College of Science, Karad



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ELECTRONICS

DEPARTMENTAL FACILITIES

SCIENTIST CHART LIST

SR.NO	NAME OF CHART	QUANTITY	
1	National Conference On Innovative Trends In Electronics and Allied Technology (Iteat- 2017)	1	
2	National Conference On Innovative Trends In Electronics and Allied Technology (Iteat- 2017)	1	
3	Kalpanachawala (1961-2001)	1	
4	Jhon Von Neumann (1903-1957)	1	
5	Edison, Thomas Alva (1847-1931)	1	
6	Andre Marie Ampere (1775-1836)	1	
7	Thomas Johann Seebeck (1770-1831)	1	
8	Coulomb Charles Augustin De (1736-1806)	1	
9	Euler, Leonhard (1707-1783)	1	

HOD

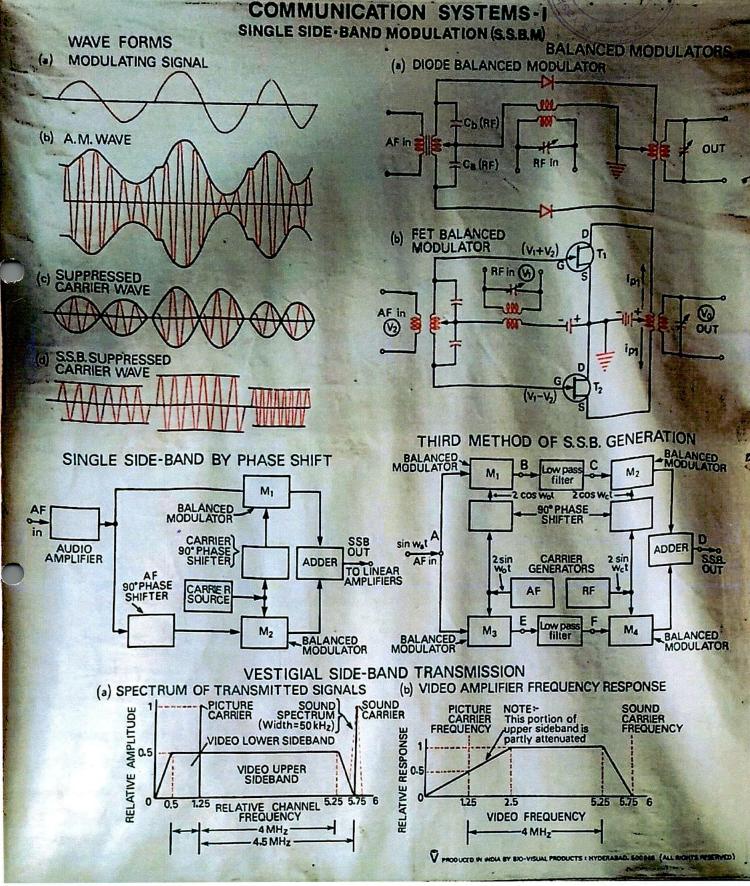
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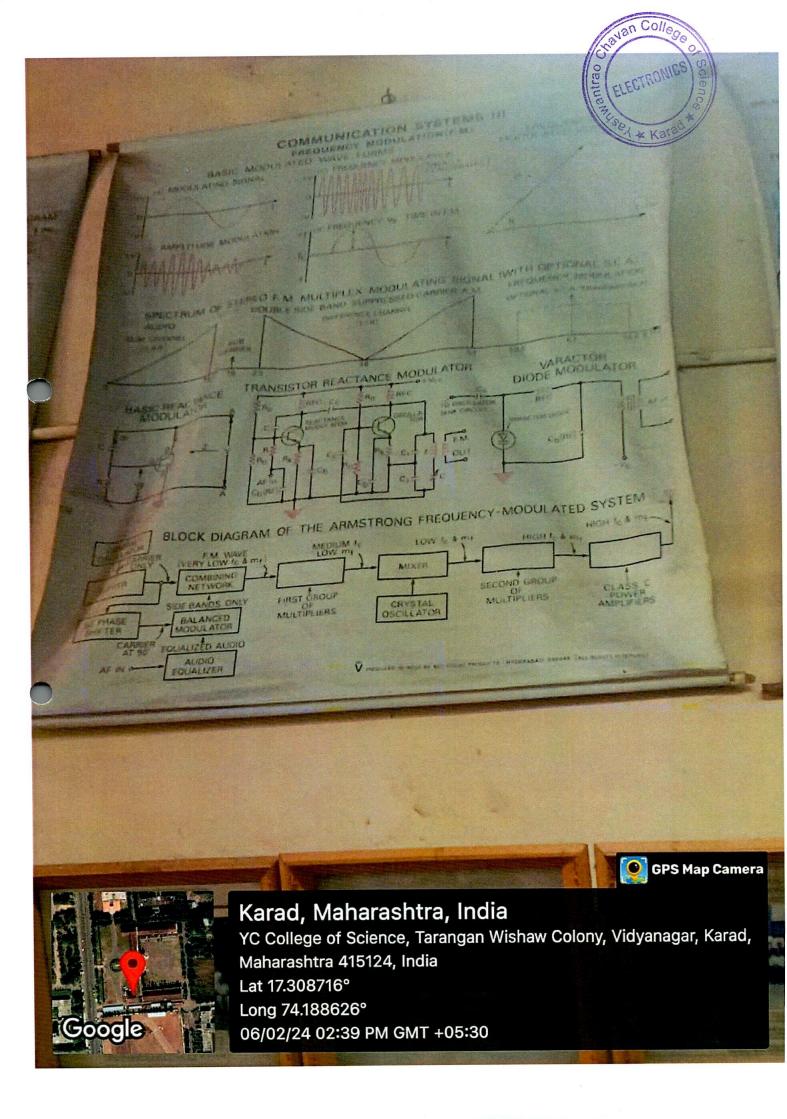
Department of Electronics Yashwantrao Chavan College of Science, Karad PRINCIPAL

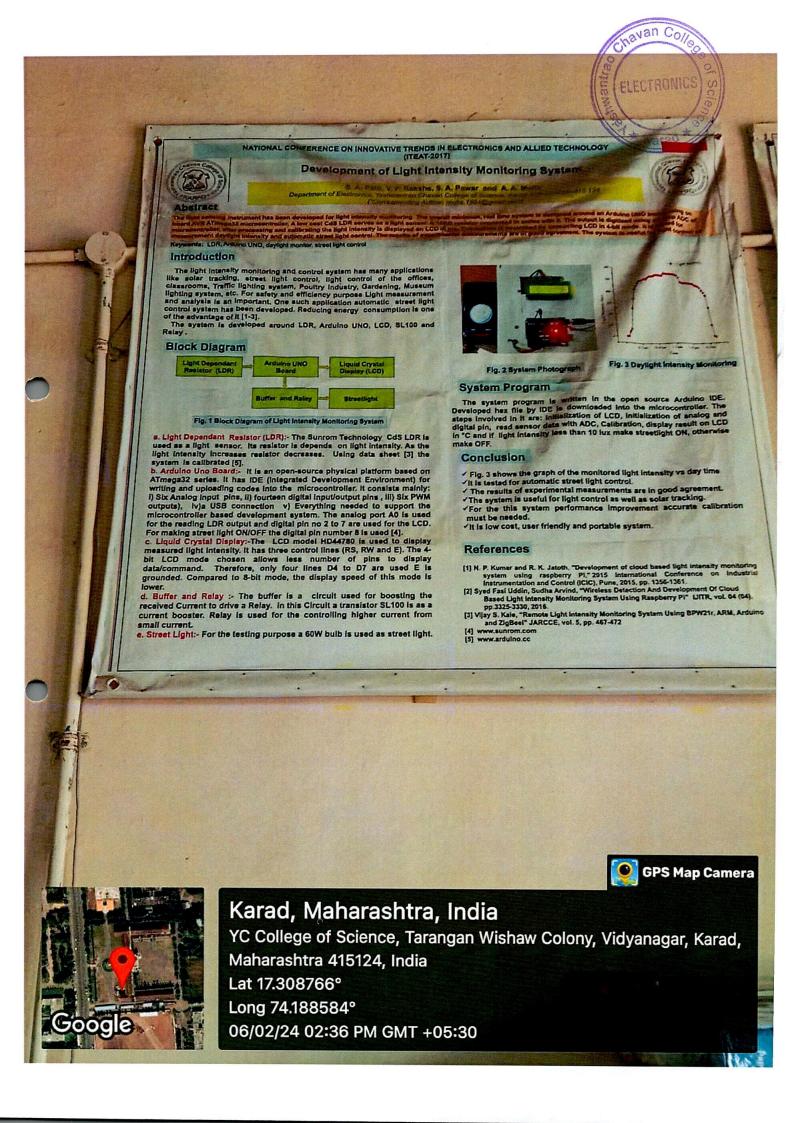
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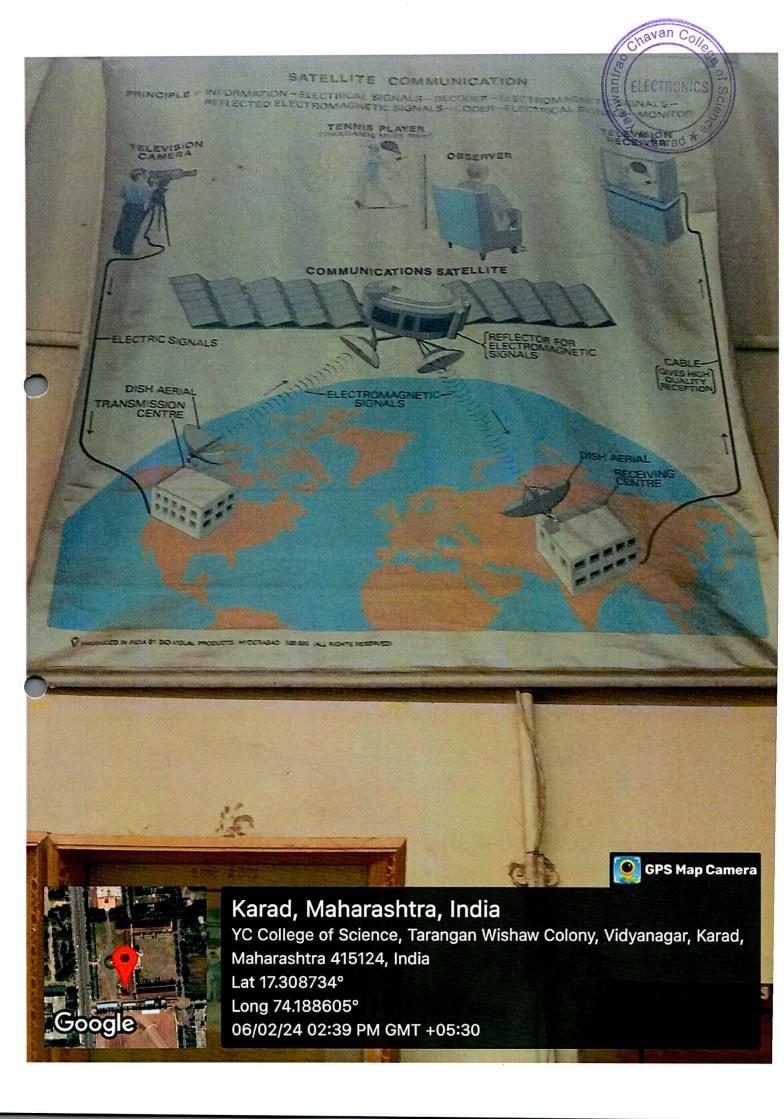
Yashwantrae Chavan College of Science, Karad

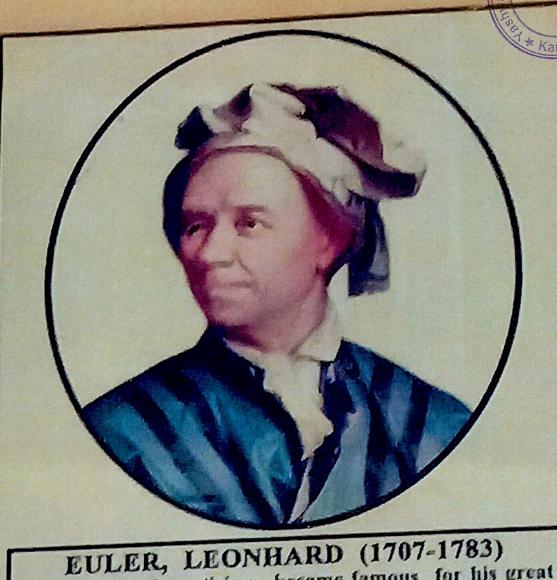






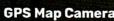






A Swiss Mathematician, became famous for his great output of original mathematics, and for the wide range of subjects he covered. He did much of his work after he became blind by one eye in 1735 and totally blind in 1766. Euler contributed new ideas in Calculus, Geometry, Algebra, Number Theory and Probability. He also worked in many areas of Applied Mathematics, such as Acoustics, Optics, Mechanics, Astronomy, Artillery, Navigation, Sta-

tistics and Finance Euler was born in Basel, Switzerlar GPS Map Camera



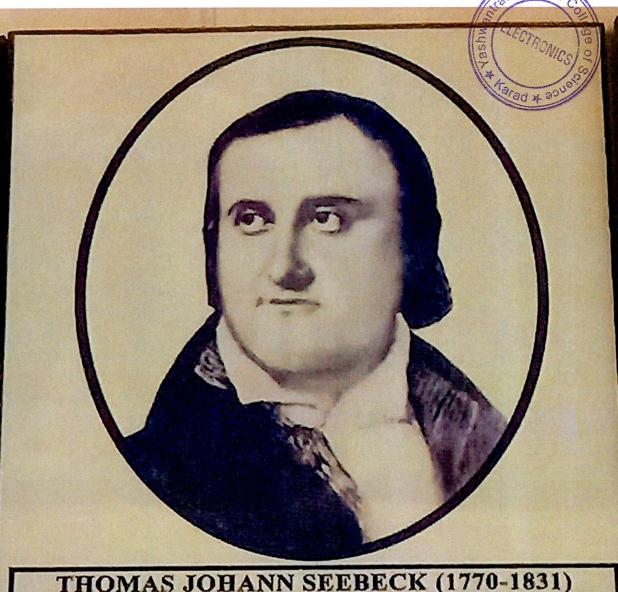


Karad, Maharashtra, India

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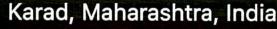
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Long 74.188616°



THOMAS JOHANN SEEBECK (1770-1831)

A well known physicist, discovered thermomagnetism. He study medicine in Germany, received his medical degree in 1802, but he preferred research in physics. He worked with Goethe on the theory of colour and the effect of coloured light. He uncovered the effects of heating and chemicals on different colours of the solar spectrum in 1806. In 1808, he obtained the first chemical combination of ammonia with mercuric oxide. In 1818, he worked on the magnetization of iron and steel, when electrical currents were passed through conductors. Which eventually resulted in the formation of phenomenon now known as 'hysteresis'. Seebeck made investigations into photoluminescence. He then accidentally discovered the "Seebeck Effect". It is the basis of the thermocouple and is considered the most accurate measurement of temperature. **GPS Map Camera**



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ANDRE MARIE AMPERE (1775-1836)

A French Physicist and mathematician, known for his important contribution to the study of electrodynamics. Ampere was born at Lyon. He mastered the entire known field of mathematics by age 12 and was a professor of physics, chemistry, and mathematics. He formulated a law of electromagnetism, called Ampere's law, that describes the magnetic force between two electric currents. Ampere invented the astatic needle, which made possible the modern astatic galvanometer. He prooved that the deflection of a compass relative to an electrical current obeyed the right hand rule. Ampere argued that magnetism could be explained by electric currents in molecules and invented the solenoid. He was the first to show that two parallel canductors carrying current travel in same direction attract each other and if in opposite direction, repel each other. He also developed a wave theory of heat. The SI unit of measurement of electric current, the Ampere, is named after him.



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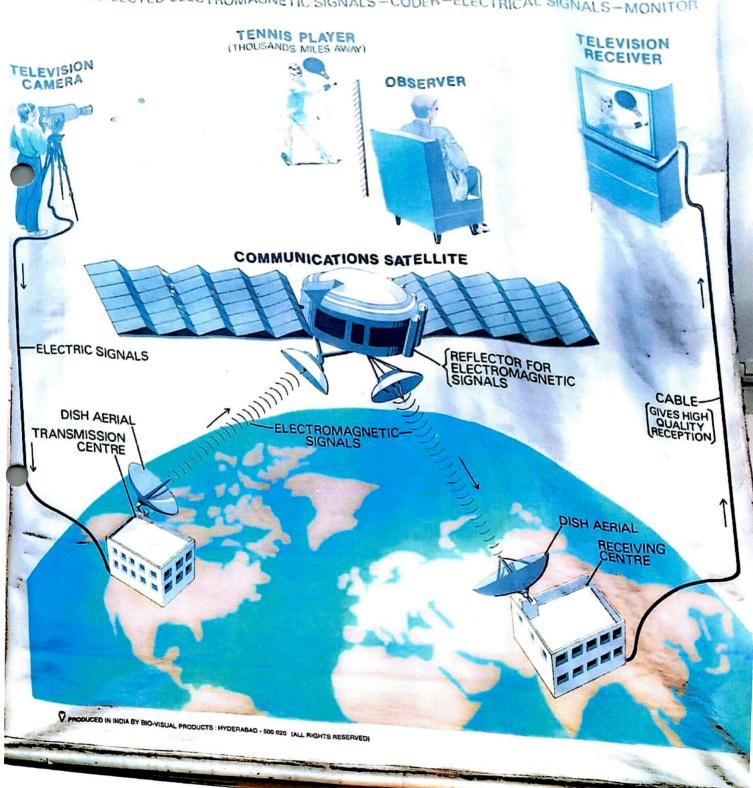
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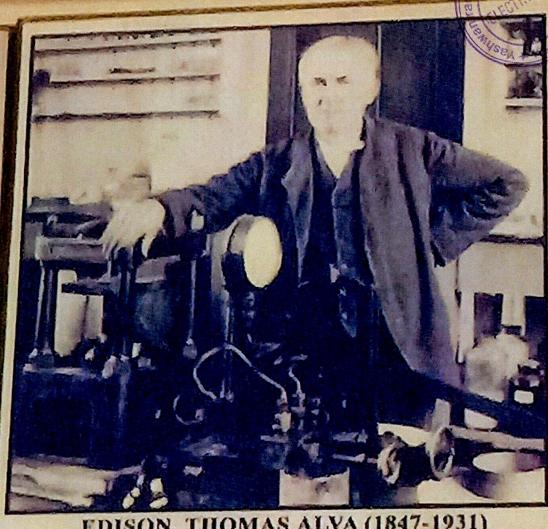
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SATELLITE COMMUNICATION

INCIPLE - INFORMATION - ELECTRICAL SIGNALS - DECODER - ELECTROMAGNETIC SIGNALS - REFLECTED ELECTROMAGNETIC SIGNALS - CODER - ELECTRICAL SIGNALS - MONITOR





EDISON, THOMAS ALVA (1847-1931)

One of the greatest inventors and industrial leaders in history. His most famous contributions include practical electric lighting. the phonograph (record player) and improvements to the telegraph, telephone, and films. Edison also created one of the first modern research laboratories. Edison obtained 1,093 United States patents. Altogether, he received thousands of patents from some two dozen nations. Edison was also a good businessman, I dison was born at Milan, Ohlo, U.S.A. He received limited formal education. At age 12, he began to sell newspapers, sweets, and sandwiches on passenger trains. When he was 15, he published and sold a newspaper called the 'Weekly Herald'

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KALPANA CHAWLA (1961 - 2003)

First Indian woman astronaut. She was born in Karnat, Harayana. She did her graduation from Tagore School, Karnal Kalpana did her Bachelor of Science degree in Aeronautical Engineering from Punjah Engineering College. Master of Science degree in Aerospace Engineering from University of Iexas, in 1983. PhD in Aerospace Engineering from University of Colorado. Appointed as research scientist in MCAI Institute, San Jose, California, in 1988. Elected as Vice President and Research Scientist on Overset Methods Inc. Los Altos, California. In 1994, she was selected as an astronaut in NASA. From Nov. 19 to Dec. 5, 1997, was her first space flight in STS-87, Columbia. From Inc. 16 to Feb. 1, 2003, was her second and last space flight in STS-197, Columbia The space shuttle met with a tragic accident while re-enturing into the atmosphere and all astronauts lost their lives.



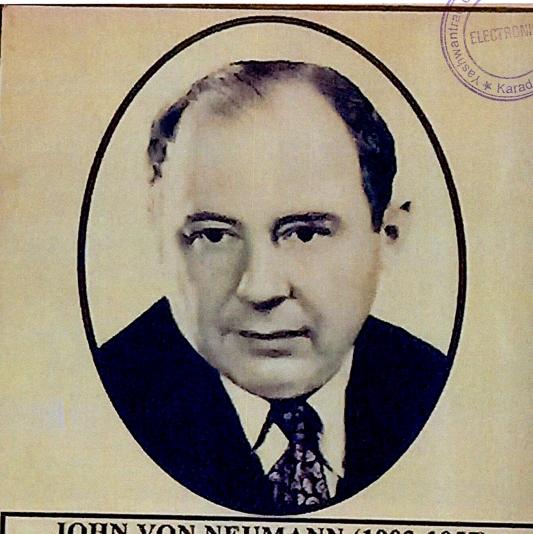
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JOHN VON NEUMANN (1903-1957)

A Hungarian American mathematician who made major contributions to a vast range of fields, including set theory, functional analysis, quantum mechanics, ergodic theory, continuous geometry, economics and game theory, computer science, numerical analysis, hydrodynamics (of explosions), and statistics, as well as many other mathematical fields Von Neumann was born in Budapest, Hungary and in 1937, became an American citizen. He made important contributions to the design of high-speed electronic computers. Several generations of computers have been based on Von Neumann's concepts. He was a principal member of the Manhattan Project. Along with Edward Teller and Stanislaw Ulam, you Neumann worked out key steps in the nuclear physics involved in thermonuclear reactions and the hydrogen bomb



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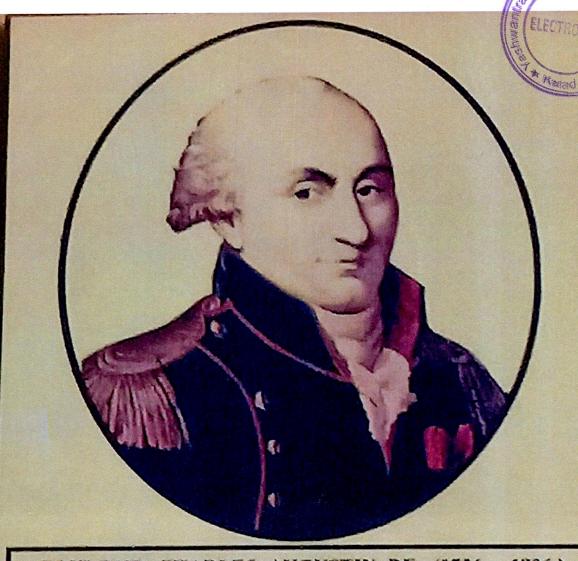


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French physicist, pioneer in electrical theory. At the time of french revolution he continued to research in magnetism, friction and electricity. In 1777, he invented the torsional balance for measuring the force of magnetism or electric attraction. With this invention he formulated the principle, Coulomb's law, governing the interaction between Electrical charges. In 1779 he published, 'Theory of Simple Machines', an analysis of friction in machinary. The unit of quantity that is used to measure electrical charges, the Coulomb, was named for him.



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