

ADMISSION
PROSPECTUS
2017-18



www.scmsgroup.org



**SCMS COLLEGE OF
POLYTECHNICS**

Near U.P. School, Vaikkara, Perumbavoor, Ernakulam - 683549.
Tel: 0484-2650500, Email: scmspoly@scmsgroup.org

OUR HOMAGE TO A GREAT VISIONARY



DR.PRADEEP P. THEVANNOOR
(1968 - 2014)

Dr. Pradeep P. Thevannoor, the late Vice Chairman of SCMS Group, was a great visionary and a source of inspiration for all of us at SCMS Group. He wanted to take SCMS to great heights in quality and excellence. A man of fertile imagination and untiring energy, he was in a hurry to accomplish his pet projects. SCMS Engineering College was closest to his heart. He was also the guiding force and inspiration behind SCMS School of Architecture and projects like SCMS Water Institute, Biotechnology Research Centre, the now famous Neera, biofuel from coconut oil, the antidiabetic tea powder 'Stevia Tea' and a host of other activities. They were all products inspired and initiated by him. Widely travelled, his unfinished mission was for spreading the wings of SCMS to London and Bangalore by establishing academic institutions. He died on his way to Bangalore for project evaluation on 17.11.2014 when his car collided with a truck and died instantly. True to his nature, he lived for SCMS and died for it.



THE GENESIS

Dr. G.P.C. NAYAR, *Chairman*

The year 1976 saw the birth of a luminous star of learning on the educational horizon. The star was to later blaze a trail across the Indian skies guiding scores of students to scale the heights of success in their careers, professions and enterprises. Today, the beacon stands firm on massive pillars, having stamped indelible imprints on the glorious academic traditions of India. This is the story of PRATHAP FOUNDATION FOR EDUCATION AND TRAINING, the brainchild of the great visionary Dr. G.P.C. Nayar, who wanted to redefine educational standards in India by shaping it as a window to the emerging market-driven global economy. Prathap Foundation of Education and Training started its first academic institution, the School of Communication and Management Studies (SCMS) in 1976, which in later years earned fame and glory as a top business school. It was rechristened as SCMS COCHIN SCHOOL OF BUSINESS in the year 2013. The Foundation went on establishing institutions to offer professional education in engineering, technology, management, hospitality, animation, biotech research, socio-economic research and other professional areas with the core concept of quality and excellence in anything it does. Together, these institutions constitute SCMS GROUP OF EDUCATIONAL INSTITUTIONS.

The SCMS Group of Educational Institutions decided to start a state-of-the-art polytechnic college to offer diplomas in Mechanical Engineering, Electrical Engineering, Civil Engineering, Automobile Engineering and Computer Engineering with the idea of filling up part of the large shortage in the field. This decision was taken on the basis of a study conducted by an external agency which found there is a great demand for engineering diploma holders in this country. In the manufacturing sector, particularly the engineering and automobile sectors, there is a great shortage of technicians and technical hands. The existing institutions are not able to provide even half the requirement in this sector. We hope our effort will at least partially meet such growing demands in the field. SCMS Group has a national reputation for excellence in engineering and management education and we hope to maintain the same level of standard and excellence for SCMS College of Polytechnics.

Message from the Vice Chairman, SCMS Group



Prof. Pramod P. Thevannoor
Vice Chairman, SCMS Group

The setting up of the SCMS College of Polytechnics is an important landmark in the journey of SCMS Group, towards its mission of reaching top-quality technical education at the grass-roots level. With sister institutions in the Group recognised for their leadership role in the field of higher education in Management, Engineering, Technology, Architecture, Commerce and Biosciences the SCMS College of Polytechnics is also envisaged to attain similar stature in its chosen branches with state-of-the art infrastructure, best-in-class lab and library facilities, high quality faculty support and conducive teaching-learning environment already made available. The SCMS management is committed to achieve excellence in this new initiative as well, which is designed to roll out highly competent, well-trained and job-ready diploma holders for whom there is ever-increasing demand in the country and abroad.

Leadership & Excellence

▶ Daily meeting of the Corporate Management Team: Previous day's overall performance is reviewed everyday and long term projects are planned in these meetings.



The key functionaries of the core team (clockwise from left) Dr. Radha Thevannoor, *Group Director*; Prof. Pramod P. Thevannoor, *Vice Chairman*, Dr. G.P.C. Nayar, *Chairman*, Dr. Indu Nair, *Group Director*; Dr. V. Raman Nair, *Group Director*; Prof. Baiju Radhakrishnan, *Group Director* and Prof. P. C. Pillai, *Senior Group Director*.

VISION

To provide best quality education to students and mould them into pioneers of a caring community of inspired learners who serve with mastery for a self-sustaining nation.

MISSION

To impart industry oriented technical education to rural students through excellent value-based teaching and learning, with due emphasis on ethical values.

What makes SCMS College of Polytechnics different?

- Excellent academic ambience in the campus.
- State-of-the-art infrastructural facilities. (Main building nearing completion)
- Dynamic leadership with a clear vision and mission.
- Dedicated and highly motivated team of faculty - a fine blend of experience and dynamic youth. Perfect mix of academicians and practicing technologists in the faculty team to mould budding technicians.
- A highly disciplined environment for academic pursuits.
- Open House - Interaction of faculty, parents and students arranged each semester to assess the learning difficulties of individual students, if any, and to chalk out remedial programmes to improve their performance.
- Value-added courses offered for benefit of students.

Courses Offered

SCMS College of Polytechnics offers Diploma Programmes in the following branches with an intake capacity as given below:

COURSE	SEATS
Automobile Engineering	60
Civil Engineering	60
Computer Engineering	60
Electrical & Electronics Engineering	60
Mechanical Engineering	60

All the above Diploma Programmes are of 3 year duration (6 Semesters). These programmes are approved by the All India Council for Technical Education (AICTE, New Delhi).

Faculty Profile

Quality of an institution is very much related to the quality and commitment of the faculty. We have taken great care to select the best available youngsters and well experienced elders as our faculty. They are all hardworking, committed to the task undertaken and willing to learn and acquire knowledge in their respective fields. They are fully conscious of the nobility of the profession of teaching and will leave no stone unturned in the process.

That is why we have absolute faith in them and in their ability to maintain excellence at the Campus.



Prof. C.I. ABDUL RAHIMAN
Director



Ms. A.S. ANANTHALAKSHMI
Principal



SCMS Polytechnic inauguration by Dr. G.P.C. Nayar; Chairman, SCMS Group

Workshops & Labs

WORKSHOP

Students are provided with facilities for Smithy, Carpentry, Foundry and basic Electrical Works. The workshop also has Lathes, Drilling Machines, Round Saw etc. which will provide hands-on experience to each of the students.



Workshop

SURVEY LAB

The Survey Lab has acquired a TOTAL STATION, to expose students to the latest technologies in surveying. Added to that, sufficient number of Theodolites, Levelling Instruments, Plane Tables and other measuring equipments are also provided for the students.



Computer lab

ELECTRICAL LAB

Our Electrical Lab is equipped with DC series motor, DC Shunt Motor,

Motor Generator set, Slip Ring Induction Motor, Transformers, Universal Motor, Single Phase Induction Motor etc., for students to conduct various experiments.



Laboratory

COMPUTER LAB

The computer lab has around 60 terminals on a LAN, with the necessary peripherals and INTERNET connectivity. Latest licensed software like MS Office, Windows NT, Oracle, Visual Studio are made available.

PHYSICS AND CHEMISTRY LAB

Fully-equipped Physics and Chemistry labs are set up for the use of students on par with the curriculum.



Library

LIBRARY

A collection of nearly 5000 books on relevant technology subjects is available at the library. The library also subscribes to a variety of national and international technical journals. Since it is open from 9.00 a.m. to 5.00 p.m. on all working days, students can make full use of the facility.

ELIGIBILITY

- The candidate should be a citizen of India.
- The candidate should have passed SSLC/THSLC or equivalent examination, with eligibility for higher studies.
- Candidates who have passed qualifying examination with Mathematics, English and Science subjects are eligible to apply.
- For CBSE / ICSE candidates, the Marks / Grades obtained in Science is considered for calculating grade in Science, in the place of Physics and Chemistry. In the case of CBSE candidates, only the certificates of Board Examination shall be accepted as qualifying certificate and such candidates shall submit an Undertaking at the time of admission and a copy of the same shall be submitted along with the Application.

Fee for the Programme

Fee structure in management seats:

Tuition Fee	- Rs. 50,000/- per year
Special Fee	- Rs. 10,000/- per year
Workshop / Lab / Consumables Fee	- Rs. 15,000/- per year
Caution Deposit	- Rs. 5,000/-
Affiliation fee	- Rs. 1,500/-
Admission fee	- Rs. 200/-

Refund Policy

Any candidate who joined the Diploma Programme and discontinued his/her study after the closure of admission will be liable to pay the entire course fee, for the issuance of transfer certificate.

Selection Process

The selection will be made on the basis of the candidate's performance (grade) in Mathematics and Science (Physics and Chemistry), in the qualifying examination, in addition to the grade obtained in individual subjects.

The score declared by the candidate in the application form will be considered for selection. Candidates should attach a copy of the score sheet of the qualifying examination along with the application form.

Selection of the candidates for interview for admission will be on the basis of information including that of marks furnished by the candidates in the application. So the candidates are advised to be careful while filling the application form.

Curriculum and duration

- The curriculum will comprise of the courses as prescribed by the Board of Technical Education, Kerala.
- All the Diploma Programmes are of 6 semester duration, spanning a period of 3 years.



GENERAL INSTRUCTIONS

DISCIPLINE

Strict discipline is enforced right from day one at the college campus. Any manner of indiscipline will not be tolerated as it is the very opposite of the ideals for which the institution stands committed. Parents should actively co-operate with the management to avoid taking any heart-burning decision by the management for indisciplined behavior. Our campus is declared as a 'NON SMOKING CAMPUS'. Any student who violates this rule will have to pay a fine of Rs.100/- in the first instance and Rs.250/- on repeating the offence. Thereafter, suitable disciplinary action will be taken as per rules laid down by the college in this respect.

CLASS TIMINGS

Class timings are from 9.00 a.m. to 4.30 p.m. on all days except first and second Saturdays and Sundays for first year students. List of other holidays will be displayed

on the College Notice Board at the beginning of each calendar year.

ATTENDANCE

Rules given by the Board of Technical Education in the matter of attendance will be strictly enforced. The students should co-operate with the college authorities in the matter and in all other activities aimed at their welfare. No relaxation or concession will be extended by the Management. All students should wear the prescribed uniform within a fortnight from the day of commencement of classes. After this date, students who are not in the prescribed uniform and are not properly groomed in their appearance, will not be permitted to sit in the class.

EVALUATION

Apart from the end term examinations, we follow a system of continuous evaluation for assessment of student performance. Weightage is given for internal assessment based on attendance, class participation, assignments, workshop and lab work, conduct on campus, punctuality, utilisation of library and computer centre etc.



HOW TO APPLY

Application form can be obtained from the SCMS Corporate Office / SCMS College of Polytechnics at a cost of Rs.200/. Application form duly filled in should be submitted to the Admission Officer, SCMS College of Polytechnics / SCMS Campus, Prathap Nagar, Muttom, Alwaye, Cochin - 683 106, along with the following documents:

- True copies (Self attested) of Mark Sheet (CBSE/ICSE) / certificate of SSLC or equivalent examination
- The original certificates should be presented to the Principal at the time of admission. They will be returned to the students only at the time of issue of T.C. Students are requested to keep sufficient number of attested copies of certificates for their use.

RAGGING STRICTLY PROHIBITED

Extract from Govt. Order on ragging

1. Ragging / any type of misconduct towards any student, either in the college campus or outside, will be considered as criminal offence and will be immediately reported to the police. Perpetrators will not be permitted to continue their studies.
2. Every student shall at the time of admission furnish a character certificate from the institute wherefrom he/she has passed the qualifying examination, which would mention the status of his/her behavioral pattern especially in terms as to whether he/she has displayed persistent violent or aggressive behavior or any desire to harm others.
3. Students and parents shall, at the time of admission, furnish an affidavit to the effect that the students shall not indulge in ragging.

**SCMS is a secular institution
and hence does not allow religious practices of
any particular caste or religion within the campus.**

**Capitation in any manner is not collected for admission
at SCMS GROUP for any Programme.**



SCMS Engineering College



SSTM Campus at Prathap Nagar

SCMS GROUP

OF EDUCATIONAL INSTITUTIONS

- School of Communication and Management Studies
- SCMS COCHIN SCHOOL OF BUSINESS
- SCMS School of Engineering and Technology
- SCMS School of Architecture
- SCMS School of Technology and Management
- SCMS Centre for Socio-Economic Research, Consultancy and Training
- SCMS Institute for Biosciences and Biotech Research and Development
- SCMS School of Masscom Studies
- NORKA-SCMS Institute for Paramedical and Development Studies
- SCMS School of International Studies
- SCMS College of Polytechnics



SIBB R&D Campus, S. Kalamassery



SCMS School of Architecture at Karukutty



Corporate Office, SCMS Group, Cochin, Kerala



SCMS GROUP OF EDUCATIONAL INSTITUTIONS

Enriching education since 1976

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