



**AISECT
INSTITUTIONS**

AISECT has set up the following institutions which act as resource centres to its network in addition to providing quality training and education to students in their area. The prominent among them are :

- SCOPE College of Engineering.
- SCOPE School of Business Management.
- SCOPE College of Computer Applications.
- SCOPE College of Education.
- SCOPE Post Graduate College.
- AISECT Institute of Science and Technology.
- AISECT College of Education.
- Dr. C.V.Raman University.
- Dr. C.V.Raman Institute of Science and Technology.
- Dr. C.V.Raman of Education.
- Dr. C.V.Raman College of Physical Education.
- AISECT Institute of Insurance Commerce and Banking
- National Centre for Electronics and Information Technology.
- SCOPE Public School.

Some of these institutions are described in the following sections.

9. SCOPE COLLEGE OF ENGINEERING

SCOPE College of Engineering was set up in 2005 and is recognized by AICTE and affiliated to RGPV, Bhopal for imparting technical education of professional standards. Presently the College offers Bachelor's Degree in Computer Science, Information Technology, Electronics & Communication Technology, Electrical & Electronics Engineering and Mechanical Engineering. It also offers MBA and MCA Programmes to graduates.



Engineering is a broad discipline encompassing a wide range of skills and a wealth of knowledge. With improvement in technology, the engineer's requirement today is not to deal with complex mathematical problems but to think logically and develop solutions to various engineering issues through Information Technology. The emphasis of the courses now is to evolve skills and craftsmanship to meet a higher degree of knowledge and excellence.

SCOPE College of Engineering works with a vision of transforming its students into competent, inspired and professional engineers. The Institute aims at delivering not just the highest quality of technical education to its students through an interactive, learning-oriented environment, state-of-the-art

infrastructure, cutting edge laboratories and well qualified, dedicated faculty but also through a holistic set of life skills that will groom students to face the industry in years to come.

A graduate from SCOPE is a finished product ready to take on the competitive world with not only deep academic insight and technical know-how, but also armed with values and ethics that help in grooming a well-rounded personality.

The Institute benefits from the wide industry linkages of the parent organization, AISECT. We have just finished a batch of extremely successful placements and the management is extremely confident of student placements into reputed companies across the country even in future.



Students in Computer Lab

SCOPE Institution Highlights

- Established by AISECT - winners of the Indian Innovation Award, NASSCOM IT Innovation Award, Asian Forum i4d Asia Forum Award, National e-Governance Award, NASSCOM Emerge 50 Leader Award & TiE Lumis Partners Entrepreneurial Excellence Award.
- AISECT the parent organization is a member of NASSCOM, CSDMS, FICCI, TiE and IETE which helps the college interface with the industry and chart record placements during campus recruitment.
- Long standing relationship with top Industries for hands-on training and projects.
- Highly qualified & experienced faculty with PhDs., M.Tech's from IITs, NITs and other institutes of national repute.
- Emphasis on practical and hands-on experience through a learning-oriented environment with state-of-the-art infrastructure and cutting edge laboratories, networked with latest software & hardware.
- Expert coaching for students to hone their logic, reasoning and communication skills as well as to prepare them for placement interviews and competitive examinations such as the CAT and GATE.
- Special emphasis on the overall development

of students through extra-curricular activities such as inter-college and national level seminars and symposiums, workshops, cultural events, college festivals and sports.

- Set on a sprawling green campus, conducive for effective and impactful learning.
- Value Based Education to groom students into well rounded personalities by the end of four years.

Courses and Curriculum

The college is affiliated to Rajiv Gandhi Technical University (RGPV), Bhopal. The course and curriculum for Bachelor of Engineering are same as approved by the University. The following courses are offered by the college.

Engineering Branch	Seats
BE in Computer Science (CS)	90
BE in Information Technology (IT)	90
BE in Electronics Communication (EC)	120
BE in Electrical and Electronics (EE)	60
BE in Mechanical Engineering (ME)	60
MCA	60
MBA	60

The SCOPE Teaching Methodology

- Use of LCD projectors, online teaching, e-education and education through ISRO Satellites which ensure enhanced quality of learning.
- Educational excursions to various industries and technical institutes to provide in-depth exposure.
- Organizing frequent seminars, workshops, conferences, symposiums and expert lectures.
- Inviting eminent personalities from the industry and educational fields to speak on technical subjects.

- Conducting self-analysis tests every month (compulsory for all students).

SCOPE's Interactive Learning Environment

The greatest advantage of SCOPE lies in its interactive approach - a concept which inculcates confidence and self-achievement. The courses and the teaching methodology provide students a freedom to develop their spirit of innovation and helps them to explore the professional world under the guidance of SCOPE's experienced faculty.

- Personalized teaching methodology, beyond class interactions
- A transparent performance index system for students for self-appraisal
- A system of student feed back to ensure improvements in the teaching system
- A carefully thought-out academic calendar
- A full-time academic department to ensure accessibility to students at all times
- Extensive hands-on approach
- Video Audio Learning System (VALS)
- Undertaking Industrial Projects on live industry problems
- Extra classes on career orientation and personality development
- After the completion of each module, the performance of each student is monitored through regular tests. Measures are taken to rectify mistakes and improve student's skills.

All lectures are designed and updated periodically to incorporate latest technological advancements. Lectures are planned in such a way that they enable students to confidently appear for interviews and be successful in jobs.

SCOPE Awards & Scholarships

SCOPE encourages learning and growth through positive competition. The college



An HRD workshop at SCOPE

encourages diligence and perseverance in students through rewards and awards in cash/kind and through scholarships.

- Topper in Every Branch - CV Raman Award
- Topper in College - JP Choubey Memorial Award
- Best All Rounder - AISECT Gold Medal
- Rank Holder in the University - Kalpna Chawla Memorial Award
- Merit Scholarships
- Sports Scholarships
- Rewards for excellence in extra-curricular / co-curricular / cultural activities

SCOPE Campus Life

The spacious and landscaped campus of the college is located in a serene environment on the Bhopal-Hoshangabad National Highway (NH-12). It is approximately 8 Kms from the Habibganj railway station. The college is easily accessible by city transport services throughout the day. College buses also ply from the city to the campus.

The Expert SCOPE Faculty

Students are the foundation of an educational institute but our learned gurus are our best assets. SCOPE faculties are full-time, qualified and friendly professional PhDs, and M.Tech's from institutes like the IITs and NITs.



Students in SCOPE Library

The Faculty is always willing to guide the students and are specially trained to understand students' psychology, analyze their problems and put across difficult-to-understand concepts with ease, thus making the student's learning process smooth and easy.

Continuous faculty development is the most important mission at SCOPE. The Faculty not only has the strength & depth in their respective fields, but also has a very broad range of expertise. This gives us a distinctive profile that engineering students find advantageous. By working closely with academics who are leaders in their field, students are encouraged to develop capabilities to face the competitive world outside. This requires considerable commitment, but brings great rewards - exhilarating intellectual satisfaction and a capability much sought after by employers in the industry and academia.

SALIENT FEATURES

• IT Enabled Services - For Admissions & Administration

A sophisticated IT enabled network has been developed in the college. All admission procedures, examination work and administrative functions are facilitated and expedited with the help of computers. The computer section also serves as a database for

continuous evaluation and internal assessment of records that are part of the examination pattern of the college as well as all other information including circulars, handouts, students' and staff profiles.

• SCOPE Knowledge Zone The Library

The college provides a computerized and well-maintained centralized library. The library is managed by trained & efficient staff who personally guide the students in selecting relevant books. The library includes :

- More than 5,000 national and international books
- Hundreds of CDs covering the syllabus and beyond
- National and international journals, magazines and reference material

• Total Learning Concept - SCOPE Labs & Workshops

Laboratories at SCOPE provide learning to students at two levels. First, for real hands-on experience, our labs are equipped with the most modern instruments and equipment the stream needs and not just models or demonstration kits. Secondly, our labs have well qualified and experienced technical staff to look after every need of our students and help them in conducting experiments. Our Engineering programmes benefit greatly with excellent experimental facilities to support the courses

• Vibrant Societies and Forums

SCOPE has active student forums, chapters and institutional memberships for many societies and institutes like

- CSI (Computer Society of India)
- IETE (Institution of Electronic and Telecom Engineers)
- IE (Institution of Engineers), ISTE etc.

They periodically organize various events at

local, regional, state and national levels. Our students actively take part in various inter-college and national level seminars, conferences and symposiums.

- **ISDN Line**

Computer labs of the college have been designed and developed keeping in mind the requirements of various courses. There are various packages offered to the students like Internet access facility, multimedia facility, in addition to the latest software that are always available to them. In order to improve the internet connectivity and speed, SCOPE provides ISDN facility to all its students. The computer centre remains open till 6:00 PM to help students work as per their convenience. There is full-time connectivity in the classrooms too.

- **Co-Curricular Activities**

Besides academics, students are encouraged to participate in co-curricular and extra curricular activities which are spread over the entire academic calendar. Regular workshops for dance and music, free hand sketching and plays are organized in the college campus. Debates, quiz, seminars, group discussions and other cultural activities help in exploring the hidden talents of students. Activities are organized in such a way that students can balance their time between studies and co-curricular activities.

- **Games and Sports**

Sports bring a strong sense of discipline in students and help them in organizing their life independently.

In addition to adequate indoor facilities, extensive and well laid- out play grounds are available for out-door games with all amenities. Cricket, Volleyball, Football, Badminton, Chess and Carrom are being organized by the experts in their respective fields.



The SCOPE Students enjoy Campus Life

- **The Tutor-Guardian Scheme**

The Tutor-Guardian Scheme operates to benefit all students of the College. Under this system about 10 students are placed under the guidance of one member of the teaching staff. The teaching staff act as tutor and guardian for these students and look after their needs and difficulties. The tutor-guardian solves students' problems, initiates student-tutor interactions as frequently as possible and assists them in all spheres. By these activities, the college aims to develop qualities of good citizenship within the alumni. Attendance of students in the meetings called by their tutor-guardian is compulsory. Tutor-guardian also interacts with parents for direct counseling and appraisal.

- **College Magazine and Newsletter**

A Student and Staff editorial board for SCOPE is active round the session. A college Magazine and periodic Newsletters are offered in which voices of students find expression. Students can write and share the issues they feel strongly about and can thus form different communities to discuss any other social concern.

- **Cultural Clubs and College Band**

To encourage and holistically groom students, various clubs like Dramatic Club, Music Club, College Band, Hobby Club, Photography and



SCOPE Conference on Advancements in Electronics

Video Club are instituted at SCOPE. The College organizes various events round the year, to keep the session full of activities and events. A state level techno-cultural annual event is organized every year where all engineering colleges of MP participate.

CAREER GUIDANCE AND TRAINING & PLACEMENT CELL

It is our vision that every engineer produced by SCOPE should emerge as a finished product ready to be employed by the industry, acting as a problem-solver and at the same time being able to communicate well with his/her peers.

To achieve this vision, we firmly believe that the Training & Placement Cell must become an integral part of the college. The college provides complete infrastructure for effective functioning of the cell.

The various activities, which the cell intends to focus on regularly would include placement for students, entrepreneurship awareness & development programmes, organizing guest lectures of experts from the industry & other institutions, personality development programmes etc.

The placement cell at SCOPE functions with a full-time dedicated placement officer, who continuously monitor the employment potentials and arrange campus interviews for students. The placement officer also maintains

consistent communication with leading companies. The office also keeps close liaison with various industrial establishments (both private and public sectors), which conduct campus interviews and select graduate and post-graduate students from all disciplines.

The placement office is assisted by a committee comprising all Heads of Departments and representatives of students from the under-graduate and post-graduate engineering streams.

As far as training of students is concerned, activities are organized throughout the year in an effort to preparing prospective students for campus selection programmes.

The college provides an environment for holistic personality development. Resource persons and professionals from the field of communication and interpersonal skills are invited to equip our students with necessary soft skills required to face interviews in today's competitive world. Such training exposure gives our students a competitive edge in today's global employment market.

A very strong focus has been on providing training, regarding soft skills and enhancing the employability of students. Here is a list of inputs which are provided on a regular basis:

- Communication Skills
- Group Discussions
- Training on Software Development

In order to improve the general skills of students, studies on advanced and emerging fields like Nanotechnology, utilization of waste material for power generation are also conducted where students can be actively involved. The students are trained well in need-based domain knowledge such as C,C++, J2EE, UNIX, JAVA, .NET, Oracle 9i, C# etc., through value added co-curricular activities.

List of Recruiters

- Red Hat Ltd.
- HCL Infosystem Ltd.
- Mind Tell Communications, Bangalore
- ATS Infotech (P) Ltd.
- Isha Infra & Networking Pvt. Ltd.
- Techno Creative
- Real Power Software
- TNS Noida
- L&T Infotech
- iPad Hyderabad
- Vital Soft Tech
- Neural Infosystem
- Apeksha Telecom
- INDTEL Technology
- Adapt Solutions Ltd.



STUDENT COUNCIL

The student council is a pivot around which the extra-curricular activities of the college revolve. The extremely active student council serves as an important adjunct to course work also, since it organizes and sponsors lectures by eminent engineers, debate competitions, general knowledge quiz, essay competitions and various other programmes including games and sports. These activities stimulate multi-faceted development of the students. It provides ample opportunities for the students to develop their capabilities and interests in artistic endeavours by conducting music contests, dramatics, etc. This encourages emotional integration among students to a great extent. The main aims and objectives of the student council are :

- To promote discipline and incorporate, intellectual, civic and cultural life among students.
- To foster activities which bring out the creative talents of students.
- To promote knowledge and discussion on subjects of national and international importance.
- To encourage among students, awareness of the responsibilities of an individual in a democratic society.
- To promote social service activities. To help students in developing their personalities and managerial skills. This helps them become leaders in their respective fields.

I n f r a s t r u c t u r e



Well equipped class room at SCOPE



S O C A E A d w s & S



S O C P E C h e



L e a r n i

स्कोप के छात्रों को ढाई लाख का पैकेज

भोपाल। स्कोप कॉलेज ऑफ इंजीनियरिंग के 7 छात्रों को 2.4 लाख के सामान्य पैकेज पर चयन हुआ है।

स्कोप के छात्रों का टेक्नोलॉजिस्ट में चयन

भोपाल। स्कोप कॉलेज ऑफ इंजीनियरिंग में टेक्नोलॉजिस्ट, नोएडा द्वारा आयोजित कैम्पस में चयन के तीन छात्रों का चयन किया गया। यह कैम्पस वर्ष 2009 में चयन होने वाले छात्रों के लिए आयोजित किया गया था। इसमें 120 छात्रों का चयन किया गया था। इनमें से 120 छात्रों का चयन किया गया है। इनमें से 120 छात्रों का चयन किया गया है। इनमें से 120 छात्रों का चयन किया गया है।

SCOPE College of Engineering distributes letters of appointment to students

Bhopal: Letters of appointments were distributed to the students passing out in 2009 at SCOPE College of Engineering.

SCOPE college students selected in campus drive

भोपाल (आरएनएन)। स्कोप कॉलेज ऑफ इंजीनियरिंग में स्कोप के छात्रों का स्कोप में चयन

भोपाल। स्कोप कॉलेज ऑफ इंजीनियरिंग में स्कोप के छात्रों का स्कोप में चयन

Two students selected

Bhopal, Aug 11: Two students of SCOPE College of Engineering were selected in a campus interview organised by M/s Vital Soft Tech, Noida. This company is one of the leading software company. More than 120 students participated in campus selection. The process consisted of written test, which included aptitude and technology based

दैनिक भास्कर

भोपाल, सुबह 5 बजे, 2009

स्कोप कॉलेज में नियुक्ति पत्र वितरित हुए

भोपाल। स्कोप कॉलेज ऑफ इंजीनियरिंग में वर्ष 2009 में उत्तीर्ण हो रहे करीब 40 छात्रों को चयन के प्रमाण पत्र वितरित किए गए।

SCOPE College not to charge arrears

भोपाल। स्कोप कॉलेज ऑफ इंजीनियरिंग के छात्रों को चयन के लिए आगे के फीस का भुगतान करने की आवश्यकता नहीं है।

30 छात्रों को मिला प्लेसमेंट

स्कोप कॉलेज के 30 छात्रों का विभिन्न कंपनियों में चयन किया गया है। ये छात्र आई.टी., कम्प्यूटर साइंस, इलेक्ट्रॉनिक्स व कम्प्यूटेशन के हैं। संस्था के प्राचार्य डॉ. ए.सी. बाण्ये ने बताया कि प्लेसमेंट के दौरान और भी छात्रों को नैकरी मिलने की संभावना है। उन्होंने बताया कि कुछ छात्र ओपन प्रोग्राम के तहत भी चुने गए हैं। श्री बाण्ये ने चयनित छात्रों को उच्चतम भविष्य की शुभकामनाएं दी हैं।