

A way towards excellence.....



IPS ACADEMY INDORE
INSTITUTE OF ENGINEERING & SCIENCE

■ Vision



**To be the fountainhead
of novel ideas & innovations
in science & technology
& persist to be a
foundation of pride
for all Indians.**

■ Mission

- To provide value based broad Engineering, Technology and Science where educations in student are urged to develop their professional skills.
- To inculcate dedication, hard work, sincerity, integrity and ethics in building
- up overall professional personality of our student and faculty.
- To inculcate a spirit of entrepreneurship and innovation in passing out students.
- To instigate sponsored research and provide consultancy services in technical,
- Educational and industrial area.

■ Quality Policy

We are committed to impart Quality Education and Training in the field of basic Education, Engineering and Technology, Management and other professional courses. It aims to be the world-class academy through continual improvements. It also caters to the industry & service sector needs by providing innovation through FDP's, Projects & Consultancy and Teaching packages. The academy support faculty & staff to work as a cohesive team and update their skill and knowledge to match the need of global market.



- **Message from President**



At IPS Academy, Institute of Engineering and Science it has been our endeavor to provide technical education to future technocrats aptly supported by huge infrastructure ,modern amenities,competent faculty and latest pedagogy that leads to multifaceted development of their innate talent ,intellectual and physical capabilities and overall personality and imbibe into them cultural and national spirit thus making them responsible global citizens and conscientious human being.Theory sessions are suitably supplemented with experimental learning & practical field experience so that the student can adapt themselves to face the challenges of competition & globalization & rise up to the expectation of industrial world.

Continuous & rigorous training & development regime hones the communication, leadership and entrepreneurial skills of students ensuring creation of quality job offers as well as promising entrepreneurs,technocrats,researchers,scientists. The presence of IPS Academy, IES alumni in every nook and corner of the globe bears testimony to our triumph.The step forward is to establish industrial job oriented,research & development oriented institute where Indian spirituality,ethics and values meet western science & technology.

Achal K Choudhary
President,
IPS Academy Indore (MP) India

▪ Message from the Principal



Technical Education is the most potential instrument for socio-economic change. Presently, the engineer is seen as high tech player in the global market. Distinct separation is visible in our education between concepts and applications. Most areas of technology now change so rapidly that there is a need for professional institutes to update the knowledge and competence.

IPS Academy, Institute of Engineering and Science is a leading, premium institution devoted to imparting quality engineering education since 1999. The sustained growth with constant academic brilliance achieved by IPS Academy, IES is due to greater commitment from management, dynamic leadership of the president, academically distinctive and experienced faculty, disciplined students and service oriented supporting staff.

The institute is playing a key role in creating an ambiance for the creation of novel ideas, knowledge and graduates who will be the leaders of tomorrow. The institute is convinced that in order to achieve this objective, we will need to pursue a strategy that fosters creativity, supports interdisciplinary research and education. This will also provide the students with an understanding and appreciation not only of the process of knowledge creation, but also of the process by which technology and knowledge may be used to create wealth as well as achieve social economic goals.

I am delighted to note that the engineering graduates & post graduates of this institute have been able to demonstrate their capable identities in different spheres of life and occupied prestigious position within the country and abroad. The excellence of any institute is a measure of achievements made by the students and faculty.

All the Best

Dr. Archana Keerti Chowdhary
Principal

Why IES.....?



Environment

We have an encouraging environment that ensures a smooth evolution between students & faculties. We offer to support professional, technical development of students. To inculcate a spirit of entrepreneurship & innovation among the students an independent IEDC cell sponsored by DST is established in the institute. IPS Academy, IES provides a diverse learning & generous environment where students from different cultures and places thrive for achieving excellence in their fields.

Qualified Faculty

Institute's faculties & technical assistants are expert in their subjects/field. Their research oriented teaching methodology enables students to have an enhanced understanding of the subjects. The faculties of IPS Academy, IES have received 'Young Scientist Award' consistently since the last three years from MP government.

Touch of excellence

Value addition courses like group discussion, language & personality development help students to develop employment oriented skills. Training programs are also organized to meet the requirement of industry field.

Quality

A substantial number of our graduates/post graduates have departed in top levels of high tech companies; many have pursued higher studies in prominent institutes of India and Abroad and some of them become successful entrepreneurs.

R & D

Hands on opportunity to learn new subjects, technology including research & development. Students submit innovative idea and fund is provided to implement idea into the reality for the betterment of society and development of nation.

Recreation

Institute provides a range of activities, including sports, cultural, yoga, and horse riding. Outdoor recreation also offers industrial visits, on-campus trips.

Many More.....!



▪ **IPS Academy, Institute of Engineering & Science**

IPS Academy, Institute of Engineering & Science is a leading institution devoted to imparting quality engineering education. IPS Academy, IES was established on 17th Oct.1999, after securing approval of AICTE, New Delhi, and Govt. of MP to start this institute from academic session 1999-2000 with the sole motto of “Knowledge, Skill & Values”.

Institute of Engineering & Science is a UGC autonomous institute affiliated to Rajiv Gandhi Praudyogiki Vishwavidyalaya (RGPV), Bhopal, the technical university of Madhya Pradesh. It offers UG and PG programs in the discipline of Engineering & Technology. UG programs have been accredited by National Board of Accreditation (NBA), New Delhi.

IPS Academy, Institute of Engineering & Science is a Autonomous Institute, affiliated to Rajiv Gandhi Praudyogiki Vishwavidyalaya (RGPV), Bhopal, the technical university of Madhya Pradesh for technical courses like, ME, M.Tech ,B.Tech., in various engineering disciplines.



IPS Academy, Institute of Engineering & Science aims at creating an environment conducive to learning and overall growth. Inspired by a passion for excellence, institute believes in the philosophy of universal brotherhood, offering all its students an equal platform for performance.

▪ **Institute is life Member of**

- IWWA – Indian Water Works Association
- ICI – Indian Concrete Institute
- ISTE – Indian Society for Technical Education
- NSC –National Safety council.
- NFPA-National fire Protection Association
- IFE –Institute of fire engineering (U.K.)
- IEEE- Institution of Electrical & Electronic Engineer
- CSI- Computer Society of India

▪ **Institute has Student Chapters of**

- IEEE – Institution of Electrical & Electronic Engineer
- IETE – The Institution of Electronics & Telecommunication Engineer
- IChE – Indian Institute of Chemical Engineer
- ICI – Indian Concrete Institute
- CSI - Computer Society of India
- SAE – Society of Automotive Engineers

▪ **Institute has introduced Innovative Steps**

- Online – Feedback System
- Online Marks Feeding System
- Online Attendance feeding system
- Online Appraisal For Faculty
- Hands on Training – On Linux System
- Innovation & Entrepreneurship Development Centre(IEDC)
- Nodal Center – IIT Bombay

▪ **Institute has subscription of Microsoft IT Academy**

Highlights:

- Microsoft ED-Vantage Platinum Level
- On campus Microsoft Cloud Competency Center
- Microsoft Academic Alliance Platinum Certificate

■ Green Initiatives



"Be the GREEN change you wish to see, However small it could be"
The future lies in your hands...



Our commitment to responsible citizenship also includes conservation of natural resources and protection of the soil, water and climate required to sustain life on earth. The institute has decided to roll out initiatives to make the campus more environment friendly by addressing different major aspects – water conservation and minimizing waste. The following major projects are successfully completed in campus.

- Effluent Treatment Plant
- Waste Plastic Recycling Plant
- Solar Water Heating System
- Energy Efficient Buildings using LED
- Ozone Plant for Water Purification
- Paper Recycling Plant (in Process)

- **Infrastructure**



The academy is spreading over 58 acres of land with lush green environment. The institute have several well furnished, ventilated and well illuminated class rooms, laboratories and faculty rooms. All the departments exhibiting ultra modern facilities, along with computer centre with state of art facilities and LCD monitors. All computer systems of computer lab, library, hostels etc are connected with internet connection and Wi-Fi. All the departments exhibiting ultra modern facilities, along with computer centre with state of art facilities and LCD monitors. Teaching is conducted through modern teaching aids such as LCDs, power point presentations etc.

■ Computer Center



By and large improvement of engineering students is ensured by an impartial revelation to software and hardware technologies in the sound operational computer laboratories of the various departments. IPS Academy, IES computer center provides excellent computing facilities. They epitomize the cutting edge technology available in the institute Servers, which support LAN, provide latest Windows and Linux environments. The server has been connected to 1Gbps leased line as well as latest Wi-Fi for providing internet facilities to its user, which is available round the clock.



■ List of Software associated with IPS Academy, IES is

- | | |
|-----------------------------|-------------------|
| • AFT Impulse | • PRIMAVERA P6 |
| • Abacus | • CIVIL 3D |
| • SAP 2000 | • GMS 6.5 |
| • ETAB | • ANSYS |
| • STAAD PRO | • Instucalc 7 |
| • Winsim Design II | • Polymath |
| • AFT Fathom | • COMSOL |
| • CHEMCAD | • Altera |
| • RSA | • Target 3001 |
| • Xilinx | • Quarts-2 Altera |
| • Modal Sim | • Sci Lab 5.3.3 |
| • Micro wind 3.5 | • CCSV 3.1 |
| • PSIM | • Matlab |
| • Windows vista Business OS | • EDSA |

- **Library**



The library is a spring to quench the desire of acquaintance for teachers and students. Being the spine of the institute, it provides facilities for learning, teaching, research and consultancy projects.

A committed separate block is available for a well equipped and updated library with nearly 50 thousand books and several journals and periodicals on latest subjects. Every day, new books are pouring into the library. In addition to this, the library has a steady flow of newspapers, magazines and journals on subjects related to civil, mechanical, electronics, computer science, electrical, chemical and fire tech disciplines with good collection of Video Cassettes and CDs on related engineering branches.

The library provides spacious sitting arrangement for students and faculties. IPS Academy, IES library is fully computerized with internet connectivity so that the readers have access to several thousands of eBooks & journals. The library is also providing the leading e- journals viz Springer, Elsevier, J-Gate, ASTM, ASCE and many more.

- **IPS Academy, IES Auditorium**



An open air theatre of capacity 2000 well designed for conducting major cultural and academic events is available in institute. The institute has four exclusive auditoriums of capacity 250 each is used for arranging conferences, invited lectures by eminent guest speakers and career guidance programs.



- **Girls Hostel**

A well furnished girl's hostel with the capacity of about 200 respectively is within the campus. It has everything students enjoyed at home, motherly care, fatherly responsibility, cool rooms, timely and healthy meals surrounding with green naturist ambience. It has 24 hrs high speed Wi-Fi and internet facilities in the hostel.



- **Mess**



Pure vegetarian, nutritious and hygienic food is provided under surveillance of qualified nutritionist. This mess caters to all IPS Academy students, faculties, hostlers with breakfast, lunch and dinner.

- **Transport**



The institute is plying its own 40 Buses & 16 cars to cover all important stops in Indore city, Mhow & Dewas for bringing and dropping students and staff in time.



- **Medical Unit**



Well equipped Medical Unit is available in the campus along with girl's hostels, attended by qualified doctors.

- **Banking Facility**



IPS Credit Sahakarita Ltd. is the banking facility providing computerized facilities for deposits, withdrawals, Pay Order, DD, Cheques, etc.



- **Extra Curricular Activities**



Without time off from work, a person becomes both bored and boring. Keeping this in the view Institute provides the facilities to students for their recreation and extra co curricular activities for the development of personality as a whole. Besides, Students have band, music, drama, technical fest for literal, technical, brainstorming activities where a student gets abundant opportunities to fabricate him as he wants.



▪ Sports Event



Sport is something which helps to keep students fresh and healthy with lot more enthusiasm and excitement. There are around 18 sports including both indoor and outdoor activities for students so that they can make platform in sports at different levels. These activities do remain a relaxation from the strains of student life; too much studies and anxiety. IES have a track record of students at national as well as international level.



▪ NCC/NSS



A sense of national pride and discipline are the imperatives of education, keeping this in mind, NCC/NSS training has been made compulsory for all students.



▪ Educator

Due to the blaze of technical education globally, a severe deficiency of qualified teachers in the institutes even in the central/state government old and new institutes. The Institute appoints qualified and experienced teachers. The institute has several experienced teachers.

The qualified faculties are selected after advertisements in national and state level newspaper and pay scales are offered as per AICTE norms.



▪ Edification

The teaching attitude is a versatile art and a blend of knowledge and delivery of subject matter. Importance is given to tutorial classes, class tests, and home assignments. These exercises point out the deficiencies and shortcomings of students and thus prepare them to perform better in the Examinations. This attitude prepares the students to face the impending challenges.



Outcome

The Institute has achieved excellence in both educational as well in R&D also. Student's results are highly competent and at par with any other institute affiliated to universities. Most of the results are above 90% and several students have secured merit positions in the university.



▪ Placement

Although the varying financial set-up, placement of IPS Academy, IES forever best in the central India, with our graduates entering into a broad array of careers despite of degree and stream. Students of IES proved their intellectual brilliance during in campus drives and got selected with worthwhile profession offers ranging from package 4 to 18 lacs per annum.

Highlights:

- Faculty Placement Coordinator in each department.
- IPS Academy establishes the Career Management Group for placement and other activities.
- Pre Placement Talk/Presentation by leading Companies.
- Guidance from IPS Academy, IES alumni about student queries & help.
- Session on soft skills, group discussions, interview techniques etc.
- Separate Placement Cell equipped with all ultra modern amenities.
- Hands on training on latest software.



▪ **Prominent Companies Visited**

- Tata Consultancy Services, Mumbai
- Accenture
- HSBC
- MU Sigma
- L & T InfoTech
- Prism Cement Ltd. Satna
- Tata Steel Ltd.
- Lupin Pharmaceuticals
- Bridgestone ACC India Ltd.
- UNICHEM Laboratories Ltd.
- Mahanagar Gas Ltd.
- Prachi Infrastructure Pvt. Ltd.
- Sankalp Semiconductor
- Wipro Ltd.
- Reliance Industries and many more.

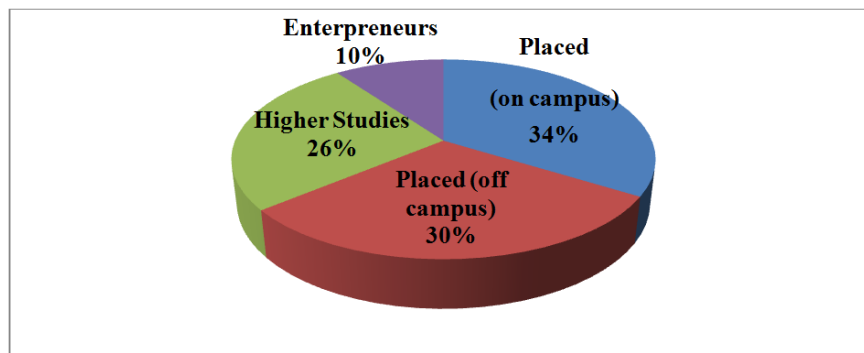
▪ **Training and Development Cell (TADC)**

Career Management Group in IPS Academy provides a launch pad for students to make it to the best organization in their respective field.

Training and Development activities in addition to placements the Central Management Group has a full fledged personality development and soft skill training cell which organizes programs, mock interviews, group discussions, case studies, workshops, Internship etc.

Some of the faculty and students development programs organized by Training & Development Cell are:-

- Interpersonal and communication skill
- Soft & Technical Skill.
- Program on Personal Effectiveness.
- Personality Development program
- Mock Interview Session and many more.



■ Innovation and Entrepreneurship Development Centre (IEDC)



Entrepreneurship is vibrant assertion of the facts that individual can be developed, outlook can be changed and their ideas can be converted into action though on organized systematic program for entrepreneurs. It was also felt that systematic training can be given Entrepreneurship Development is one of the core competencies of technical human resource. Creating awareness regarding entrepreneurial traits, entrepreneurial support system, opportunity identification, project report preparation and understanding of legal and managerial aspects can be helpful in motivating technical stream students to start their own small scale business. Keeping in this view, IPS Academy, Institute of Engineering and Science Indore in collaboration with The National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of science & Technology (DST), Government of India took the initiative.

Under the banner of DST Institute has been organized workshop for students in association with IIT Kharagpur on 18th Oct.2012 also one faculty development program on "Entrepreneurship" had organized on 18th to 21st Oct 2012.

EDC conducts:-

- Workshops on entrepreneurship
- Interaction with establish entrepreneurs.
- FDP and EDP.

Courses Offered

IPS Academy, Institute of Engineering & Science offered both under graduate studies leading to B. Tech. and post graduate studies for M.E/M.Tech degree.

Under Graduate Program

The IPS Academy, Institute of Engineering & Science offers Four Year B.Tech. Programme in the following engineering disciplines:

Courses	Intake
• Civil Engineering	120
• Computer Science Engineering	180
• Computer Science & Information Technology	180
• Computer Science & Engineering (Data Science)	60
• Computer Science & Engineering (IOT)	60
• Electronics and Communication Engineering	120
• Mechanical Engineering	120
• Fire Technology & Safety Engineering	180
• Chemical Engineering	60
• Electrical & Electronics Engineering	120

Post Graduate Program

The institute also offers a ME/M.Tech in various engineering disciplines.

Master of Engineering/Technology (M.E./M.Tech)

The objective of the ME/M.Tech two year post graduate program is to expose students to high level theoretical and practical knowledge which enables them to tackle practical complex problems of design and development in the industrial field as well as to pursue further academic achievement through research.

Course	Intake
• Computer Science Engineering	18
• Electronics & Communication Engineering	09
• Structural Engineering	18
• Construction Planning & Management	18
• Industrial Safety Engineering	18
• Chemical Engineering	18
• Power Electronics	18
• Robotics	18

Departments



Though the institute is having ten engineering branches, all its department are highly equipped with state of the art laboratories, latest trainers, tools, hardware and software to impart quality technical education to B.Tech./M.E/M.Tech students and to carry out research work. Some of their discipline wise salient features are:

■ Civil Engineering

About The Department

The Department established in 2004 is fully equipped with modern facilities. The Department has grown tremendously over the years and is now recognized as one of the major engineering departments in the country. The department has developed strong links with the building and construction industry and academic and research, both within and outside the country. The major strength of the Department is due to its multi dimensional activities like testing, consultancy, organizing state of the art seminars, workshops, short term courses, faculty development program etc. The Dept. is equipped with more than 10 laboratories and computer centre for Research & Development, teaching, training & consultancy.



About Civil Engineering

Civil Engineering has developed to leaps and bounds in recent times. The prospects are bright for civil engineers in year to come in view the Globalization and Liberalization of our national economy. This has opened the doors for foreign investment in infra structural development of our country, simultaneously throwing the challenges to our people to compete with the multinationals. Civil engineers work as construction engineers, transportation engineers, hydraulic and irrigation engineers, geotechnical engineers, environmental engineers, public works engineers.

Career Opportunities

- Airport Authority of India & Defense forces
- Civil Engineering Software development companies
- EDWPL India Ltd, MPRRD, PMGSY etc
- Business Groups like L&T, BHEL, Adani, Airtel, Vedanta, Lloyed steel etc.
- Infrastructure developer Companies, Development Boards & Municipal bodies
- Insurance companies, Banks HDFC, ICICI etc

Contact:

HOD Civil Engineering

Ph: - 0731 4014607-608

Email: - hod.civil@ipsacademy.org

▪ **Computer Science Engineering**

About The Department

Computer Science department established in the year 1999, having 10 modern labs run under computer centre with all modern amenities and an outstanding faculty, keeping pace with the rapid proliferation of, and advances in, computing and information technology. Our commitments to quality post graduate and undergraduate teaching and strong research programs provide a solid foundation for those is seeking to become well-prepared, talented, and indispensable computing professionals. The department provides very high quality educational programs by maintaining a balance between theoretical, experimental and research aspects of computer engineering, as well as a balance between software and hardware issues.



About Computer Science Engineering

Computer Engineering students are exposed to both theoretical and practical issues of hardware and software in a laboratories with state of the art equipment. The program provides strong engineering background, computer science prepare students for professional practice in system programming, software design and computer application. The program provides a solid foundation based on the organization, processing and display of information.

Career Opportunities

- Computer Designing &Engineering
- Software Engineering
- Graphics & Multimedia
- Internet & Web Designing
- Networking
- Research & Development

Contact:

HOD Computer Science Engineering

Ph: - 0731 4014652

Email: - hod.compse@ipsacademy.org

▪ **Electronics & Communication Engineering**

About The Department

Electronics and Communication Department established in the year 1999. E&C department is committed to teach Engineering students with latest Communication Systems and Technology covering Optical Cellular Communication, Next Generation Networks Microwave and RADAR Engineering, DSP, VLSI designs and Embedded Systems. The Department has well qualified faculty members, more than 10 well equipped labs and library. The Department regularly organizes Seminars and Workshops on Advanced Communication subjects and invites guest speakers to deliver talks on latest emerging topics.



About Electronics Engineering

Electronics is the technology associated with electronic circuits and systems, and is one of the major branches of electrical engineering. It is a discipline that uses scientific knowledge of the behavior and effects of electrons to create components, devices, systems or equipment that use electricity as part of their source of power. These components include capacitors, diodes, resistors and transistors. Electronics engineers research, design, develop and test precision components and system, developing the way electricity is used to control equipment. Electronics touches on almost all areas of human activity, so its applications are diverse. They include acoustics, defense, medical instruments, mobile phones, nanotechnology, radio, VLSI, Embedded Technology, and satellite communication and robotics, control engineering, instrumentation, signal processing and telecommunications engineering.

Career Opportunities

- Government/Railway/Military Engineering Services
- PSU's, Embedded Field
- Automobile, VLSI Industries
- Research & Development

Contact:

HOD Electronics & Communication Engineering

Ph: - 0731 4014610

Email: - hod.telecom@ipsacademy.org

■ Mechanical Engineering

About The Department

Mechanical engineering is one of the largest, broadest, and oldest engineering disciplines. The department of Mechanical engineering established in the year 2013 is focus on quality education using the principles of energy, materials, and mechanics to design and manufacture machines and devices of all types. The strength of the department is well qualified dedicated faculty, the laboratories equipped with modern machines/ apparatus and to meet the requirement globally recent softwares.



About Mechanical Engineering

They create the processes and systems that drive technology and industry. The key characteristics of the profession are its breadth, flexibility, and individuality. Mechanics, energy and heat, mathematics, engineering sciences, design and manufacturing form the foundation of mechanical engineering. Mechanics includes fluids, ranging from still water to hypersonic gases flowing around a space vehicle; it involves the motion of anything from a particle to a machine or complex structure. Mechanical engineers researches, design, develop, manufacture, and test tools, engines, machines, and other mechanical devices. Mechanical engineering is one of the broadest engineering disciplines. Engineers in this discipline work on power-producing machines such as electric generators, internal combustion engines, and steam and gas turbines.

Career Opportunities

- Automobile Industries
- Govt./Semi Govt. Departments
- Public Sector/Private Industries
- Mechatronics
- Research & Development

Contact:

HOD Mechanical Engineering

Ph: - 0731 4014627

Email: - hod.mechanical@ipsacademy.org

■ Fire Technology & Safety Engineering

About The Department

Department of Fire Technology & Safety Engineering established in 1999 is a leading department devoted to imparting quality education. Apart from AICTE New Delhi, approval and affiliation with the RGPV, Bhopal, department got approval from the chief factory Inspectorate labor department, Govt. of M.P. as per Gazette notification dated 29.05.2009 & DGFASLI, Govt. of India under the provision of Section 40-B of the factories Act.1948 for the post of Safety Officer. It has all major equipments related to fire fighting and safety engineering.



About Fire Fighting & Safety Engineering

The safety management requires attention on both preventive and protective measures. The preventive measures of any emergency management system take care by the subjects related to safety engineering. The subject on preventive measures includes Industrial Safety, Disaster Management, Environmental Protection, Industrial Hygiene & Occupational Health, Fire Service Administration and Fire & Safety Laws in four year degree programme. The protective measures of an emergency management system taken care by the subjects related to Fire Technology. Subjects related to protective measures are Fixed Fire Fighting Installation, Fire Prevention & Protection Measures, and Chemicals for Fire Fighting, Special Fire Hazards in Aviation, Marine, and High Rise Buildings etc.

Career Opportunities

- Fire Brigade
- Oil & Gas Industries
- Govt./Semi Govt. Organizations
- Private/Public Sector Industries etc.

Contact:

HOD Fire technology & Safety Engineering

Ph: - 0731 4014615

Email: - hod.firetech@ipsacademy.org

▪ Chemical Engineering

About The Department

The Department of Chemical Engineering established in 2004, mission to be a premiere centre for research and quality teaching in Chemical Engineering. It aims to be the focal point for delivering competent batch of chemical engineers with its undergraduate and post graduate course. The department is equipped with all modern apparatus and recent software's for simulation and modeling.



About Chemical Engineering

Chemical engineering has to do with industrial processes in which raw materials are changed or separated into useful products. The chemical engineer must develop and design both the complete process and the equipment required; selection of proper raw materials; operating the plants efficiently, safely and economically; & ensures that the products meet the requirements of the customers. The professional stature of an engineer depends on skill in utilizing all sources of information to reach practical solutions to processing problems. The plethora of scientific and technical knowledge inherent in the profession makes them very much versatile. Chemical Engineers are usually appointed as Process Engineers. Chemical Engineers are also productive in Biotechnology, Environmental Engineering, Pharmaceuticals, and Food & Drink Engineering etc.

Career Opportunities

- Engineering Software
- Public Sector like GAIL, HPCL, SAIL, IOCL etc.
- Pharmaceuticals
- Biotechnology
- Materials
- Business & Management
- Consultancy

Contact:

HOD Chemical Engineering

Ph: - 0731 4014606

Email: - hod.chemical@ipsacademy.org

▪ **Electrical & Electronics Engineering**

About The Department

Electrical Engineers are the backbone of any country. They provide power for industrial & domestic needs. The department of Electrical & Electronics Engineering was established in the year 2003. B.E. (Electrical & Electronics Engineering) is focus on Electrical Machines, Control System, Power System and Network Analysis. Recently the rapid advance in Semiconductors technology and its application in electrical industry, the branch has introduced adequate number electronics subject like Micro Controller & its Interfacing, Power Semiconductor devices, Power Semiconductor drives, DSP, Advance Communication, Analog and Digital Communication etc. With the emphasis on above areas, the student will acquire analytic and practical skills and hence can serve better in industrial, services and research organizational set ups.



About Electrical & Electronics Engineering

The field of Electrical & Electronics Engineering offers excellent opportunities in the various domains such as Embedded Systems, Power Electronics, Advanced Control Engineering and Power System Analysis etc.

Career Opportunities

- Public Sector such as BHE, HAL, NTPC.
- Defense Services
- Govt./Semi Govt. Organizations
- Software Industries
- Automobile Industries
- Power Sector Industries

Contact:

HOD Electrical & Electronics Engineering

Ph: - 0731 4014611

Email: - hod.elec-elex@ipsacademy.org

■ Admission Procedure



Admission criteria to Undergraduate Engineering Programs at NITs, IITs, Other Centrally Funded Technical Institutions, Institutions funded by participating State Governments, and other Institutions shall include the performance in the class 12th equivalent qualifying Examination and in the Joint Entrance Examination, JEE (Main). The Paper-1 (B. E./B. Tech.) of JEE (Main) will also be an eligibility test for the JEE (Advanced), which the candidate has to take if he/she is aspiring for admission to the undergraduate programs offered by the IITs. Students are advised to fill in the JEE (Main) application form online.

Eligibility Criteria: Candidates have to meet JEE (Main) Eligibility Criteria. The following criteria will be applicable for Madhya Pradesh Engineering Admissions

- Candidates must have passed 10+2 from the Madhya Pradesh Secondary Board or any equivalent exam from a recognized board.
- Candidates must have studied Physics and Maths, Chemistry/Biology.
- They must have passed the Class XII exam with a minimum aggregate of 45% in PCM Marks for General Category and For SC/ST/OBC category with a minimum of 40% in PCM.

■ Lateral Entry

(For Diploma pass students)

Diploma and B.Sc. pass students are eligible for admission in second year of four year B.Tech. program directly. Admissions are strictly based on the guidelines prescribed by AICTE and MP government. Admission shall be done through counseling on the basis of the common merit list. The programme of counseling shall be published in various national and state newspapers and shall also be available on website of competent authority/Director of Technical Education, M.P.Bhopal. i.e. www.dte.mp.gov.in

■ Fee Structure

The fees structure of IPS Academy, IES in admitting the students in B.Tech., ME/M.Tech. Courses are according to MP Govt. norms.

- **General**

Every student must follow the dress code of the institute. Gray salwar and white kameez for girls and gray pant and white shirt for boys.

Every student on joining the IPS Academy, IES must arrange a complete set of Drawing Instruments, Engineering Calculator, Text Books and Note Books on his own to carry out the studies.

The decision of the Principal is final in all matters and is binding on all the students.

- **Discipline**

Every student in the institute shall at all times exhibit good behavior, show diligence in studies and should maintain decorum and dignity. He/She should take proper interest in co-curricular, sports and technical activities and observe all rules of discipline laid down by the Institute, State Government and University. Absconding from the classes without proper reason, ragging or any other breach of discipline will not be tolerated.

▪ **Code of Conduct for Students**

The Principal of the institute reserves the right to remove the student from the institute or punish him otherwise on account of following:

- Taking part in ragging of any kind in or outside the institute premises.
- Not attending the classes on account of Group Absence.
- Failure to achieve the prescribed standard of education or not attending classes for a considerable period without informing the institute.
- Unsatisfactory conduct of behavior.
- Participation in political/unsocial demonstrations.
- Being involved or having been involved in criminal cases or moral turpitude.
- Indulging in any activity derogatory to the college.
- Attendance must be above 75% in theory and practical.

▪ **Punishment/Rustication**

A student will be punished/rusticated from the institute, if found guilty of gross indiscipline/misconduct/any other act which is undesirable as a student of the IPS Academy, IES.



▪ Other Colleges

- School of Architecture 0731 4014751
- College of Commerce 0731 4014513
- School of Computer and Electronics 0731-4014859
- School of Education 0731-4014778
- Institute of Economics & Research 0731- 4014586
- School of Fine arts & Music 0731 4014582
- College of Law 0957-5027525
- College of Pharmacy 0731- 4014701
- Institute of Fashion Technology 0731- 4014512
- Mashal School of Hotel Management 0 731-4020306
- Institute of Business Management and Research 0731-4014776
- Institute of Science and Laboratory Education 0731-4014581
- School of Travel & Tourism, Arts, Journalism& Education 0731- 4014778
- Institute of Library Science 0731- 4014517

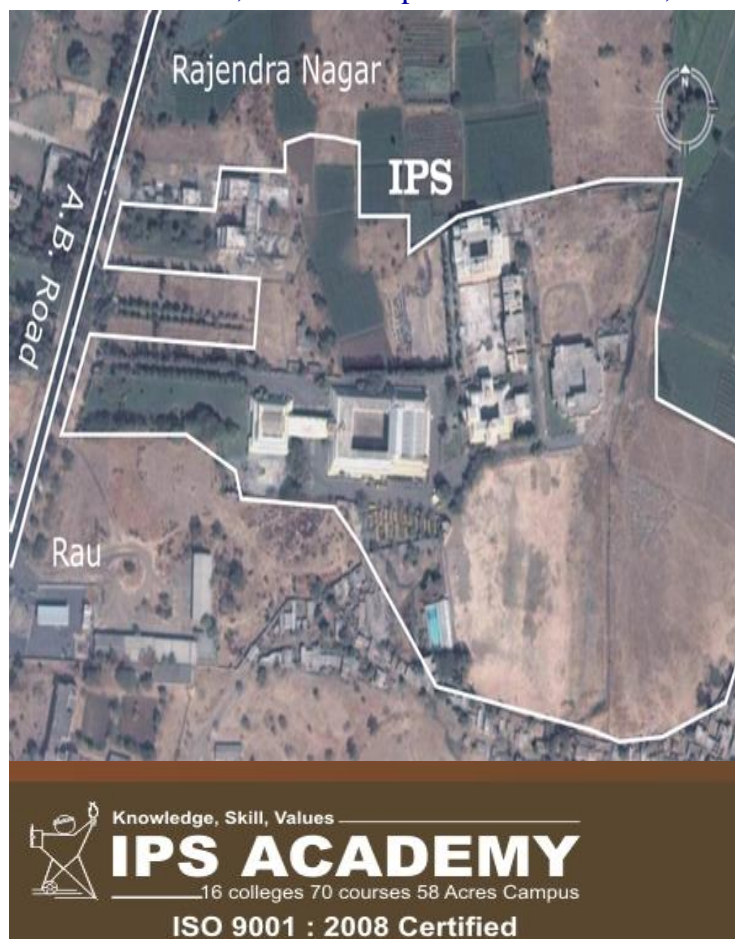


▪ **Sister Institutions**

- **INDORE PUBLIC SCHOOL - Main Campus:**
Hukmakhedi, Rajendra Nagar,
A.B. Road, INDORE 452012 (MP) INDIA
Tele Fax: +91 731 4014800, 4014801
Email: info@indorepublicschool.org
Website: www.indorepublicschool.org
- **INDORE PUBLIC SCHOOL - Eastern Campus**
116/1, Saikripa Colony,
Opposite- Hotel Radisson,
MR-10 (towards bypass)
INDORE (MP) INDIA
Tele Fax: +91 731 4218844, 4218855,
Mobile No.: 98268 28161
Email: infoeast@indorepublicschool.org
Website: www.indorepublicschool.org
- **INDORE PUBLIC SCHOOL - Jhabua Campus**
Kishanpuri, Infront of Polytechnic College
JHABUA (MP) INDIA
Tele Fax: +91 7392 243467, 243468
Mobile No.: 98269 01161
Email: infojhabua@indorepublicschool.org
Website: www.indorepublicschool.org
- **Kartar Convent High School (An Associate of)**
INDORE PUBLIC SCHOOL - Sanwer Campus
481/1, Badodia Khan,
Tehsil Sanwer, Dist. Indore
Mobile No.: 99262 00161
Email: infosanwer@indorepublicschool.org
Website: www.indorepublicschool.org
- **RED MAPLE HOTEL MASHAL**
Jhoomer Ghat, Rasalpura, Pigdumber,
Near Rau, A.B. Road,
INDORE (MP) INDIA
Tele Fax: +91 731 4020301 to 305
Website: www.mashalhillresort.com

▪ Location

IPS Academy, Institute of Engineering and Science (IES) is situated on Agra Bombay National Highway. It is about 9 Kms away from the city of Indore, which is a well-known Commercial and IT capital of Madhya Pradesh and is well known connected with other parts of the country by Road, Rail and Air. The Institute spreads over 60 acres of land having lush green campus. The eco friendly, comfortable climate, pollution free environment, which is imperative for research, education and learning.



Approved by M.P Govt., AICTE
Affiliated to Devi Ahilya University, Indore &
Rajiv Gandhi Proudyogiki University, Bhopal &
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