



JSS Mahavidyapeetha

JSS Polytechnic for the Differently Abled

(An Autonomous institution Aided by
the Govt. of Karnataka)

INFORMATION BROCHURE



JSS Technical Institutions' Campus

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ABOUT JSS PDA

Diploma programme is an interface between the planners and the implementers. The graduates from this programme will assist the planners in terms of planning and overseeing the work of implementers.

JSS Polytechnic for the Differently Abled (JSSPDA) is a unique institution established by JSS Mahavidyapeetha, Mysore (A society which is 50 year old having the credit of establishing more than 350 educational institutions in India and Abroad) in the year 1991 under the World Bank Assistance scheme of Govt. of Karnataka. This was the first of its kind in the country offering professional education at diploma level of 3 years duration with medium of instruction in English.

JSS PDA is a grant-in-aid autonomous institution aided by the Government of Karnataka. It offers 6 diploma programmes in Architecture, Commercial Practice, Computer Science, Jewellery Design & Technology, Electronics & Communication and Computer Applications for the Visually Impaired.

All the courses offered at this institute are approved by the Government of Karnataka and All India Council for Technical Education, New Delhi.

The entire campus is disabled-friendly and the buildings are constructed according to World Health Organization Standards.



The institution has provided state-of-art infrastructure including well established labs, smart class rooms, tutorial rooms, library and has other facilities like hostels (for both boys and girls), bank, health centre, cafeteria, sports & gymkhana, counseling services, industry- institute interaction cell, placement & training cell, resource engineering centre. For economically weaker students financial assistance is arranged through scholarships and sponsorships from Govt. / private organizations, NGOs and individual philanthropists.

DIPLOMA IN ARCHITECTURE

Construction activity being on the increase, creativity and innovation has demanded the skilled professional in the area of design and architecture. Supportive assistants are also in great demand.

This course aims to provide necessary skills that are needed to meet the demand. The course covers Basic Computer Skills, Architectural Graphics, Model Making of Geometrical Forms, Building Components and Scale Down Building Models. Manual drafting of Buildings and building components along with hands-on using CAD packages will be dealt. Knowledge regarding building materials, structures, water supply, electrical, etc will be provided.



Eligibility: Candidates who have Passed SSLC (Karnataka) or its equivalent and orthopedically handicapped above 40% and Hearing Impaired with 60 Db & above are eligible for admission.

Course Outcome: The passed out candidates can get placement in private / government establishments as Assistants with Architects, Interior Designers, Civil Engineering consultants, Planners, Builders and Developers. They are eligible to become self-employed entrepreneurs and Freelance Architectural Drafting consultants.

The diploma holders can pursue Higher education in B.Arch, AIAA and can undergo specialized short courses in architecture.

Most of the students passed out with good academic grades are placed in well-established architectural firms, PWDs, private engineering consultants and builders.

DIPLOMA IN COMMERCIAL PRACTICE

This course is related to business and its applications. The candidate can have a career in the area of accounting, office administration, documentation in huge establishments like banks, hotels, big malls, commercial and industrial establishments, etc.

This course aims to provide skills in the area of accounts, economics, business and marketing management, business law, taxation, business arithmetic, statistics, stenography and computer applied skills like Tally, MS Office, Networking, etc.

The department is supported by well qualified experienced staff with special skills to handle the differently abled with the state-of-art infrastructure to provide good exposure to the students.



Eligibility: Candidates who have passed SSLC (Karnataka) or its equivalent and minimum disability must be 40% in the case of Orthopedically Handicapped, 60 db for Hearing Impaired and 6/60 or 20/200 Snellen for Visually Impaired (partial or full) are eligible for admission.

Course Outcome: The passed out candidates can be placed in Government / Private Organizations, Banks, educational institutions, commercial and industrial establishments as Stenographers, Private / Personal Secretaries, Office Assistants, Computer Operators, Lab Instructors, Receptionists, Call Centre / BPO personnel.

Students who are interested in pursuing higher education can get admission to II Year B.Com / BBM Degree offered by any recognized university.

Most of the passed out candidates get placements without much difficulty since the avenues for employment is wide.

DIPLOMA IN COMPUTER SCIENCE AND ENGINEERING

This course is ideal for candidates who wish to pursue their career in the field of Computer Science, which has huge potential for IT jobs.

This course provides skills required for computer related industries. They learn core skills like mathematics, English, communication, science inclusive of electronics. Focus is on introduction to computers, operating systems (Windows, Linux), programming (C, C++, Java, .NET, Visual BASIC), web designing, multimedia, data base management system (Oracle), software engineering and testing, etc.

The department has qualified and dedicated staff who have sufficient experience to train differently abled students with the state-of-art infrastructure for hands-on experience.



Eligibility: Candidates who have passed SSLC (Karnataka) or its equivalent and minimum disability must be 40% in the case of Orthopedically Handicapped, 60 db for Hearing Impaired and 6/60 or 20/200 Snellen for Visually Impaired (partial) are eligible for admission.

Course Outcome: Successful candidates can get placement as Software Engineers, Programmers, Computer Operators, System Administrators, Hardware & Networking Technicians, Technical staff in BPOs, Academic assistants in educational institutions, Freelance service technicians and Individual Entrepreneurs.

The students can also opt for higher education like Bachelor of Engineering (CS / IS), B.Tech, BCA, B.Sc (IT) and customized state-of-art IT courses offered by private / government agencies.

More than 70% of the successfully completed students have secured placement through campus interviews, off-campus selection and job fairs by leading IT industries in the state.

DIPLOMA IN JEWELLERY DESIGN AND TECHNOLOGY

Jewellery ornaments are fascinating accessories for Indians precisely Indian women. Jewellery making is an ever-demanding process in which many skilled professionals are required by jewellery manufacturers.

This course provides various skills required for jewellery manufacturing including gold smithy, stone setting, refining and assaying, casting, polishing, metallurgy, scrap recovery, jewellery workshop management, quality assurance and entrepreneurship development for self-employment. It also provides knowledge on modern techniques using computers through Computer Aided Jewellery Manufacturing Techniques, 3D forms, free hand and technical drawings.

The department has highly qualified, experienced staff members for providing hands-on experience in jewellery making with the state-of-art infrastructure such as sophisticated work benches, latest jewellery making machineries, tools and accessories.



Eligibility: Candidates who have passed SSLC (Karnataka) or its equivalent and students with loco motor disabilities and hearing impaired are eligible for admission.

Course Outcome: The successfully completed students can be placed in Jewellery workshops as quality assurance technicians, casting technicians, stones setters, gold smiths, quality assurance professionals, marketing and other areas of Jewellery making.

Most of the diploma holders in jewellery design are placed in leading jewellery-manufacturing workshops throughout the country. A few of them are self-employed as service providers to leading manufacturers.

The department also offers short term courses for general public in the area of jewellery making.

DIPLOMA IN ELECTRONICS AND COMMUNICATION ENGINEERING

Electronics and Communication is a hardcore engineering field, which requires skilled technicians to meet the ever-growing demand. This course aims to provide necessary skills in the area of electronics and communication engineering using latest equipments.

The course covers core skills like mathematics, English, communication, basic science. Focus is mainly on Basic Electronics, Digital Electronics, Digital Communication, Microcontroller & its Applications, Audio and Video Systems, Data Communication & Networks, ARM Controller, Medical Electronics and Programming Languages- C, 8051ALP, VHDL and 8086ALP.

The department has enthusiastic, motivated staff members with sufficient qualification to handle the differently abled in this area with the state-of-art infrastructure.



Eligibility: Candidates who have passed SSLC (Karnataka) or its equivalent and minimum disability must be 40% in the case of Orthopedically Handicapped, 60 db for Hearing Impaired and 6/60 or 20/200 Snellen for Visually Impaired (partial) are eligible for admission.

Course Outcome: The candidates who have completed this course can get placements in private / government organizations, industrial establishments, educational institution as Junior Engineers, Technical assistants, Testing Engineers, Instructors, Lab Assistants and Hardware & Networking Technicians.

Students can also opt for higher education in B. E. (E&C), B.Sc and Short Term Training Programmes on various topics concerning electronics and communication.

The diploma holders are successfully placed in leading industries, private / government establishments and also became successful entrepreneurs.

DIPLOMA IN COMPUTER APPLICATIONS FOR THE VISUALLY IMPAIRED

A person born with visual impairment has limited opportunities in pursuing their studies. A diploma course is now available for visually impaired those who desire to continue their education in a professional field. This course is offered exclusively for the visually impaired at diploma level for the first time in the country.

This course aims to provide basic skills such as English communication, accounting, commerce, insurance, banking, commercial arithmetic, entrepreneurship, functional management, mass communication & call-centre training and technical skills in the area of basics of computers, MS Office, internet and basic trouble shooting.

The methodology of teaching is supported by assistive technologies for the visually impaired such as Braille, text / picture embossers, JAWS software, screen readers, typing tutorial, OBR and audio-visual equipments. The teaching faculty is well equipped with Braille and usage of special gadgets in addition to their area of expertise.



Eligibility: Visually impaired (partial or total) candidates who have passed SSLC (Karnataka) or its equivalent are eligible for admission.

Course Outcome: The candidates who have secured this diploma can be placed in private / government organization, business / commercial / industrial establishments as Computer Operators, Administrative assistants, Tele Callers, Call Center personnel, Typists and Receptionists, Customer Care Representatives, etc. Students can also opt for higher education in B.Com / BBM degree offered by recognized universities.