



Course Bulletin

About KELTRON

KELTRON (A Government of Kerala Undertaking) established in 1973 as the first State Electronics Development Corporation in India, flagged off an Electronics Revolution. Since its inception, KELTRON has been holding the position as a leader in Technology Driven Electronics Industry.

KELTRON's IT Education & Training program

KELTRON the premier state Electronics Development Corporation has decided to shoulder its responsibility to bridge the gap in moulding trained Human Resources in the IT sector with the latest changes in Technology and Applications.

Career programs are designed to meet the tremendous demands for computer professionals in India and abroad .With the KELTRON Diploma or short-term courses, one would be well positioned for a bright future in the IT industry.

KELTRON, through its courses tries to disseminate the industrial experience it has gained so far. In order to ensure its leading position in the technology front, IT Education group of KELTRON has setup 30 IT Training centers, spread across the state that offers tailor-made training solutions to the specific societal requirements.

Programs are

i. PG Diploma in IT Enabled Services & BPO

This program facilitates an excellent opportunity for non technical graduates to get an entry into upcoming new generation jobs, especially in IT/ITeS industry. The objective of this training is to equip all the participants with the following skill sets before presenting them for campus interviews Oral Communication, Listening Skills, Written Communication, Presence of Mind, Quick Decision Making, Ability to work in a team, Discipline, Effective time management, Analytical Skills, Quantitative and Numerical aptitude, Computer fundamentals & networking fundamentals, Web technology, Concepts of manual testing and Practical Sessions.

The probable placements can be as BPO Professionals, Technical Support Professionals, Software Testing Professionals, Customer support professionals, Professionals in Hospitality industry, Web Developers, Various other entry level jobs in ITeS Sector.

Companies from various cities are willing to recruit candidates attending this program.

Course Modules are : Communication Skills, English and Soft Skills, Computer Fundamentals and Networking, Numerical & Quantitative Aptitude, Web Technology, Software Engineering and Manual Testing, Lab-I Computer Practicals, Lab-II Language Lab

Eligibility : Graduation/ Diploma.

Course Duration : 780 Hrs (6 hrs/ day, 6 days in a week).

Fees : Rs 23,000/- + Service Tax.

ii. PG Diploma in Technical Writing

Technical writers prepare technical and software manuals, handbooks, technical guides, application notes, tutorials, data sheets, technical and product briefs, online help, proposals, user Manuals, Master Service Agreement, Service Level Agreement, Non Disclosure Agreement, SoW - Statement of Work, Corporate E-mails, Brochure content and layout, Whitepapers, Case Studies, Press Releases.

This unique training program gives an excellent opportunity for non technical post graduates to become a Technical Writer, who are treated as equivalent to software engineers in IT industry.

Documentation is becoming an essential requirement for IT companies as they are more quality conscious and taking certifications like CMM and ISO. There are good prospective for the right candidates. This program is designed to equip trainees with the skill sets needed to develop these technical documents including the writing techniques and the software tools required.

Course Modules are : Language, Softskills, Authoring Tools, Technical Documents, Lab Assignments.

Eligibility : Non Technical Post Graduates/Technical Graduates.

Course Duration : 400 Hrs (5 hrs/ day, 5 days in a week).

Fees : Rs 23,000/- + Service Tax.

iii. PG Diploma in Bioinformatics

Bioinformatics is the application of Information Technology to the field of Biological Processes. For the life science students, the program serves as an entry into IT industry. Similarly, the students from Engineering background (Biotechnology & IT) take this as an opportunity to enter into Biotechnology profession.

The demand for bioinformatics professionals is very high; but the industry faces a short fall in skilled bioinformaticians. Here lies the opportunity for opting a specialized and customized course in bioinformatics. Our curriculum has been formulated to meet the industrial requirements and to equip the participant an 'industry ready' candidate. Companies like BioBase, Biocon, RevenueMed, Paragon Biomedicals etc. need such bioinformaticians and hence the participants taking this programme seriously will get an opportunity to enter such companies.

Course Modules are : Fundamentals of Bioinformatics, Collecting and Storing Sequence Data, Sequence Alignment and Applications, Multiple Sequence Alignment and Applications, Gene Prediction and Structure Prediction Algorithms, Introduction to Computers, Programming in C, Structural Biology, Molecular Biology, Genomics and Proteomics, Programming for Bioinformatics, Perl Programming, Database Management Systems, Web Technologies, Common Gateway Interface, Molecular Graphics and Drug Design, Bioinformatics Lab, Lab in Database and Web Programming, Project.

Eligibility : PG/UG in Life Science, Pharmacy, Agriculture, Engineering & Medicine.

Course Duration : 850 Hrs (6 hrs/ day, 6 days in a week).

Fees : Rs 40,000/- + Service Tax.

iv. Certificate Programme in Professional Excellence

This is a general skill development program for the unemployed youth to make them equip to get updated with the desired communication and soft skills to meet the industry expectations.

Though Educational Institutions have placement wings, they are mainly focusing on quantity, pass percentage and then brand image. As a result they lose quality in general learning ability, knowledge, IQ skills related to any job in future, ability to face an interview panel etc. Lack of ability results into de motivation, lack of practical exposure in handling any tough situations may result in breakdown /stress. What industry needs is, young talents with communication skills, especially speaking skills in English, inter personal skills, confidence & acceptance level, courage, projection of their own personality, presentation, openness to accept any challenges and computer skills.

Course Modules are : Soft Skills, Grammar, Communication Skills.

Eligibility : Basic Language Skills.

Course Duration : 100 Hrs (2.5 hrs/ day, 5 days in a week).

Fees : Rs 5,000/- + Service Tax.

v. Academic projects

Technologies are : PHP, MYSQL, J2SE/J2EE, .NET, Software Testing, Embedded Technologies, Bioinformatics.

Eligibility : Diploma/ Degree/ PG Students.

Course Duration : 160 Hrs (4 hrs/ day, 5 days in a week).

Fees : Rs 8,000/- + Service Tax.

vi. PG Diploma in Embedded Systems

Embedded Systems industry is in high requirement for people having fundamental knowledge in this technology and skilled in the latest technologies vis-à-vis CAN, USB and Ethernet. People with good knowledge in wide variety of processor platforms including Intel x51, Microchip PIC, Atmel AVR and ARM are in high demand.

This training program will make the trainees proficient in the latest technologies and bridge the vast technical gap that persists in academics. There by making the trainees proficient, competent and eligible for any Embedded System Development industry. The contents delivered in this training program ranges from basic microcontrollers to advanced microcontrollers and Digital signal processors to Real-Time Operating Systems. Placement chances are very high.

Course Modules are : Microcontroller-8051, Microcontroller-Pic, Embedded C, Digital Signal Processor, Arm – Controller, Rtos.

Eligibility : B.Tech/B.E (E&C, E.E, E&I), M.Sc Electronics, Diploma in E&C With 2 Years of Relevant Experience.

Course Duration : 400 Hrs (5 hrs/ day, 5 days in a week).

Fees : Rs 34,500/- + Service Tax.

vii. PG Diploma in AS/400

Legacy systems are ever green technologies. This IBM Mid range computing technology is always in demand. Most of the major IT companies have stable opportunities in AS/400.

The Application System/400 (AS/400) system is the most complete and secure integrated business system designed to run thousands of the world's most popular business applications. It provides faster, more reliable and highly secure computing solution. The training program includes both lecture classes with demo and practical sessions. Faculty members are experienced in both the training and development aspects of the industry.

Practical sessions are given on AS/400 environments directly linked to the server located in USA. About 97% of Fortune 100 companies use the AS/400, while 85% of the Fortune 1000 companies use the AS/400 Technology. So naturally most of their outsourcing partners in India have opening in this technology.

Course Modules are : Introduction to AS/400, DB2/400, CL/400, RPGIV, ILE Concepts, COBOL/400, Communication Skills, Project Work

Eligibility : B.Tech/ MCA/ MSc IT or CS.

Course Duration : 765 Hrs (7 hrs/ day, 6 days in a week).

Fees : Rs 34,500/- + Service Tax.

viii. METAMORPHOSIS (IT Industrial readiness program for technical graduates)

As the course name indicates, this program aims to transform the skill set of technical graduates from off campus level to industry level. This package delivers the essential language skills, soft skills and necessary technical skills to make the trainee ready for an entry and long term sustainability in the IT industry. Almost all major IT companies are in need of the candidates with this specific skill sets since they are readily employable and can by pass the induction training to a large extent.

Course Modules are : Soft Skills, Grammar, Communication Skills, PHP and MYSQL, PHP Project, J2SE, J2EE, Java Project.

Eligibility : B.Tech, MCA, MSc CS, BCA, Diploma in CS/IT.

Course Duration : 600 Hrs (6 hrs/ day, 5 days in a week).

Fees : Rs 23,000/- + Service Tax.

ix. Robotics Camp

This 'Robotics' camp is designed to expose students to the below mentioned skill set. As robotics is a multi disciplinary system students become aware of basic Electronics, Mechanics, Bionics as well as simple programming skills. They also gain skills such as problem solving, decision making, goal setting and also logical thinking which will become crucial in their life.

We are sure that these skills and knowledge will empower the students to achieve great goals and a prosperous and satisfying future. We are proud and assure that this camp will boost the capability of children to face the new KNOWLEDGE ERA effectively and confidently.

Course Modules are : Into the Robotic World, How it Works?, Basic Electronics, Digital World, Physical Computing, Concepts of Programming, Build a Robot, Processing-the Virtualisation Tool, Make your own Robot.

Eligibility : B.Tech/ MCA/ MSc IT or CS.

Course Duration : 60 Hrs (3 hrs/ day, 5 days in a week).

Fees : Rs 4,000/- + Service Tax.

x. Networking Courses

There exists a projected huge person gap in the labor needs for qualified professionals in the networking industry by 2011. Many of these opportunities will be in emerging in specialised networking fields like WAN, security, voice and wireless.

Focusing on the growing need for knowledgeable computer network professionals KELTRON IT Education Centre has been conducting training for various international, vendor/vendor-neutral/free software certifications to help the trainees to attend for vendor certification examinations and help to develop a networking career. These training programs synergises well between Network Solutions and IT Training.

Training will develop the ability to describe the features and functions of networking components and to manage, maintain, troubleshoot, install, operate and configure basic network infrastructure.

We have highly qualified and certified Networking Engineers as trainers, who have the complete understanding of the Networking industry, its prospects and are efficient enough to see to it that the trainees will be equipped with the latest knowledge in networking industry.

a. Keltron Certified Networking professional - KCNP

‘One Course – Multiple Areas – Multiple Results’

KELTRON Certified Networking Professional (KCNP) is a designed by KELTRON to enable Graduate and Diploma level students to enter into the discipline of Information Infrastructure Management and Networking. Designed by experienced professionals, this course will provide deep insight in to the most modern computer communication and inter networking technologies. Experienced faculties bring in practical wisdom to the students.

KCNP is the only integrated and comprehensive training program in Networking which covers LAN, WAN, WLAN, Security and Internetworking technologies using the market leading solutions. This course provides a working knowledge in end to end solutions in networking technology and data communication systems. This will also help the candidates to gain high marks in leading vendor certification exams.

Course Modules are : Soft Skills , Basic Hardware & Networking , Windows XP – Professional & 2003 Server, Windows 2003 Server Network Infrastructure, GNU/LINUX network administration, Exchange Server, Internetworking Basics, IP Routing, LAN Switching, Router Security, WAN, Advanced Switching, Advanced Routing, Network Security, Voice over IP,WLAN, Ethical Hacking and Project.

Eligibility : Graduation or Diploma.

Course Duration : 6 months, Full time.

Fees : Rs 75,000/- + Service Tax.

Training Locations : Trivandrum and Palakkad.

Admission Process : Based on entrance test conducted at Trivandrum, Ernakulam & Kozhikode.

b. GNU / LINUX System Administration

Eligibility : +2 / Basic Computer Knowledge. **Fees :** Rs 13,000/- + Service Tax.

c. Certification Training Program for CCNA

Eligibility : +2 / Basic Computer Knowledge. **Fees :** Rs 11,000/- + Service Tax.

d. Certification Training Program for CCNA - Security

Eligibility : CCNA. **Fees :** Rs 10,000/- + Service Tax.

e. Certification Training Program for CCNA - Voice

Eligibility : CCNA. **Fees :** Rs 10,000/- + Service Tax.

f. Certification Training Program for CCNP

Eligibility : CCNA. **Fees :** Rs 32,000/- + Service Tax.

g. Certification Training Program for CCSP

Eligibility : CCNA- Security. **Fees :** Rs 50,000/- + Service Tax.

h. Certification Training Program for MCP

Eligibility : Computer Awareness. **Fees :** Rs 6,000/- + Service Tax.

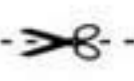
i. Certification Training Program for MCSA

Eligibility : Computer Awareness. **Fees :** Rs 13,000/- + Service Tax.

j. Certification Training Program for MCSE

Eligibility : Computer Awareness. **Fees :** Rs 22,000/- + Service Tax.

Payment Terms: All payments should be made in the form of DD drawn in favour of KSEDC Ltd, payable at Trivandrum.



Registration form for Placement Assistance

We offer students guidance in acquiring the skills necessary for finding suitable employment. Informative meetings with our guidance counselor address such issues as how to write a resume and cover letters, and how to conduct a job search. Job Placement arranges interviews for students and graduates seeking full time, freelance and internship positions. For assistance, please complete and submit this form. A placement specialist will get in touch with you.

Thank you.

Full Name :

Land Phone :

Mobile :

Email :

Address :

Experience if any :

Education Qualifications :

Are you interested in Keltron's :

Free Workshops/
Seminars

Job Fair /
Recruitment Drive

Courses

Signature



KELTRON Course Bulletin

Courses Offered

PG Diploma in IT Enabled Services & BPO
Diploma in Technical Writing
PG Diploma in Bioinformatics
Certificate Programme in Professional Excellence
Academic Projects
PG Diploma in Embedded Systems
PG Diploma in AS/400
METAMORPHOSIS
Summer Camp in Robotics
Networking Courses



Kerala State Electronics Development Corporation Ltd.
(A Government of Kerala Undertaking)

Spencer Junction, Syrian Church Road,
Trivandrum- 01.

Tel : + 91 - 471 - 4012272, 4016464

email : kite@keltron.org visit us at : www.keltron.org
or visit us at : www.kite.org.in