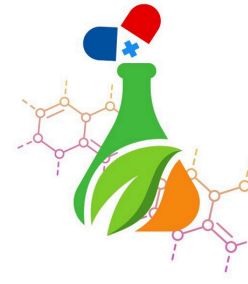




CRYSTAL
MANAGEMENT SERVICES
(CMS SKILL CENTER)



CMS
LABORATORIES
INDIA PRIVATE LIMITED



Skill India
कौशल भारत - कुशल भारत



N.S.D.C
National
Skill Development
Corporation



NCVET
कौशल गुणवत्ता प्रगति

PHARMACEUTICAL TRAINING



About Pharmaceutical Industry:

Indian Pharmaceutical sector accounts for about 2.4 per cent of the Global Pharmaceutical Industry in value terms and 10 per cent in volume terms and is expected to expand at a Compound Annual Growth Rate (CAGR) of 15.92 per cent to US\$ 55 billion by 2020

With 71 per cent market share, generic drugs form the largest segment of the Indian Pharmaceutical sector. By 2016, India is expected to be the third-largest Global Generic Active Pharmaceutical Ingredient (API) merchant market. The country accounts for the second largest number of Abbreviated New Drug Applications (ANDAs) and is the world's leader in Drug Master Files (DMFs) applications with the US.

Indian Pharmaceutical Drugs are exported to more than 200 countries in the world, with the US as the key market. Generic drugs account for 20 per cent of global exports in terms of volume, making the country the largest provider of generic medicines globally and expected to expand even further in coming years.

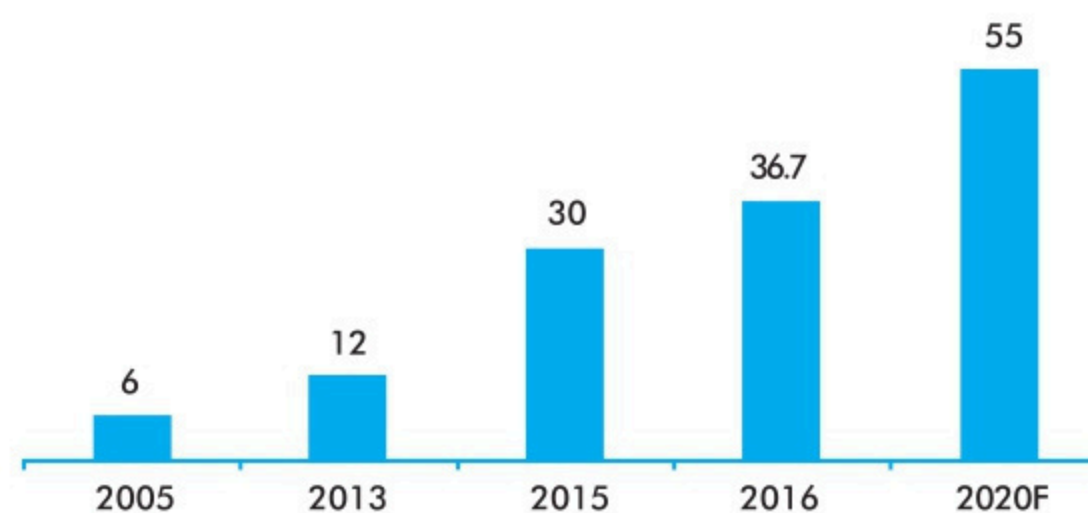
The Government of India plans to set up a US\$ 640 million venture capital fund to boost drug discovery and strengthen pharmaceutical infrastructure. The 'Pharma Vision 2020' by the Government's Department of Pharmaceuticals aims to make India a major hub for end-to-end drug discovery.

Indian Pharmaceuticals Industry Analysis

Increasing investments in the sector

- The Indian Pharmaceuticals market increased at a CAGR of 17.46 per cent during 2005-16 with the market increasing from US\$ 6 billion in 2005 to US\$ 36.7 billion in 2016 and is expected to expand at a CAGR of 15.92 per cent to US\$ 55 billion by 2020.
- By 2020, India is likely to be among the top three pharmaceutical markets by incremental growth and sixth largest market globally in absolute size.
- India's cost of production is significantly lower than that of the US and almost half of that of Europe. It gives a competitive edge to India over others.
- Revenue of Indian Pharmaceutical sector (US\$ billion)

Revenue of Indian Pharmaceutical sector (US\$ billion)



Source: Department of Pharmaceuticals, PwC, Mckinsey, TechSci Research

Notes: F-Forecast, CAGR-Compound Annual Growth Rate

Hyderabad, Visakhapatnam, Mumbai, Bangalore and Ahmadabad are the Major Pharmaceutical hubs of India. The domestic market was worth US\$13.8 billion in 2013. India's Biopharmaceutical industry clocked a 17 percent growth with revenues of Rs.137 billion (\$3 billion) in the 2009-10 financial year over the previous fiscal.



ABOUT CMS LABORATORIES INDIA PRIVATE LIMITED

Crystal management services (CMS Skill Center) aim to promote skill development by determining the creation of large, quality institutions that provide various services for many individuals to reach their goals. It is also important to enable a support system which focuses on quality assurance, information systems and train the unemployed youth for the academies for getting a better life. It also develops the skills for the unemployed youth to enhance, support and coordinate them with the private sector.

Here our aim is to make the unemployed youth realize how to take advantage of the strengths and convert weaknesses to challenges. Make them more determined to achieve placement or job..

Crystal Management Services (CMS Skill Center) is Partnership company established in 2017 with a moto of Pharmaceutical Skill Development with Placement Linked Training Programmes , Skilled Manpower Support and to Pharmaceutical Industry. CMS Skill Center Providing Certified Manufacturing Assistants , Manufacturing Chemists, Machine Operators, Maintenance Technicians Like Electrical, Fitters Etc.. After Skill Training CMS will Provide the Skill Certification from Life Science Sector Skill Development Council (LSSSDC). Morethan 3200 Trainees are working in various Pharmaceutical Companies across the PAN India. CMS is Doing a Various Job roles as part of CSR Initiative by SDI Visakhaptnam (a group of Public Sector Oil Companies Establishment).

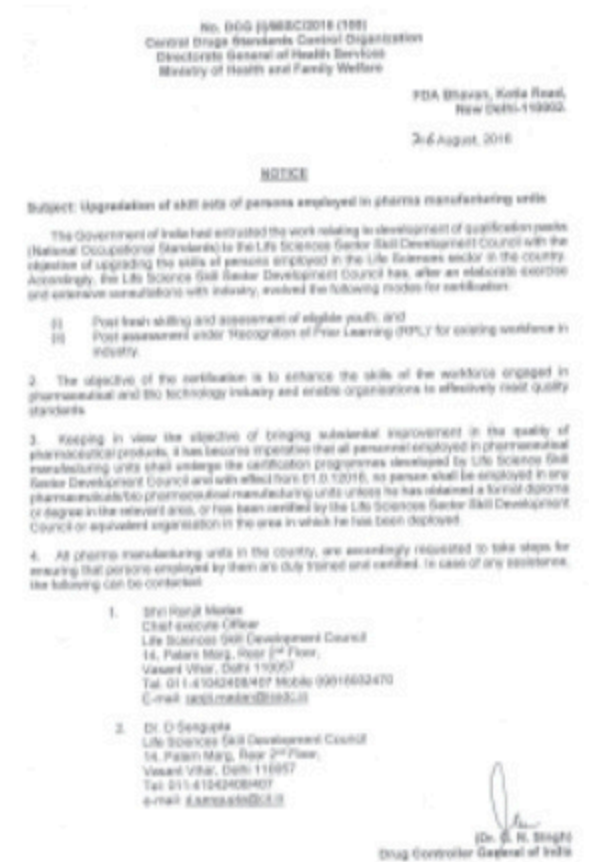


CERTIFIED PERSON

Why become a Certified Person (CP)? The role of the CP is essential to the safe control of medicines; you will have the personal responsibility to ensure that medicinal products are certified as complying with required authorisations, national legislation and good manufacturing practice (GMP). You will need to have comprehensive training and an in-depth understanding of all aspects of pharmaceutical manufacturing. Becoming a CP will open up new career opportunities for you, however it involves a level of investment and commitment. You need to ensure that you get the best and most cost effective training available, and that it suits your needs – this is where we can help. Our outstanding reputation as one of the most trusted pharmaceutical training providers gives you confidence that the training provided is of the highest standard and is relevant to the aspiring CP.

DCG(I) MANDATES LSSSDC SKILL CERTIFICATION

Drug Controller General of India (DCGI) has put out a circular dated August 26, which Advises all organisations to hire those certified by LSSSDC; as also to have their existing workforce certified by the council.



FLAGSHIP PROGRAMS UNDER LSSSDC

- ✓ Fresh Skilling Program (Stand Alone & Colleges Embedded)
- ✓ Academy of Excellence
- ✓ Existing workforce Skill Certification Program (RPL)
- ✓ CSR funded Skill development program
- ✓ Existing workforce Up-Skilling Program
- ✓ Govt. Funded skill Development Program
- ✓ Intership Program

FRESH SKILLING PROGRAM MODEL @CMS SKILL CENTERS

CMS Skill Centers Mobilize fresh candidates as per the guidelines of national standards and skill fresh candidates

CMS Skill Centers engage industry players to provide on the job training to enrolled candidates after successful completion of In-house theory & Practical trainings

LSSSDC ASSESS Such skilled candidate ensuring minimum threshold skills in each skilled candidate and issue Certificate of Qualification

CMS Skilling centers engages industry players to provide employment to skilled and certified candidates

INTERNSHIP FOR B.A, B.COM, B.SC, BBA, BPHARM, MPHARM, DIPLOMA, B.TECH & ALL ENGEERING COURSES

SHORT TERM INTERNSHIP

LONG TERM INTERNSHIP

RPL BENIFITS

Validation to the in-house skilled workforce by national level skill certification Body

Awarding Govt. approved and job relevant vocational qualifications

Recognition the skills of "highly skilled but lesser educated" workforce

Higher ROI on in-house training efforts

Assurance of Minimum threshold skill in each workforce.

Higher productivity and / or lesser rework by each workforce



SUPPORTING YOU THROUGHOUT YOUR SKILL TRAINING

Our dedicated team is here to ensure that your experience with us is first rate - from your initial enquiry to our warmest congratulations when you certify.

We advice and guide you on the best training approach for you, we can carry out a gap analysis of your skills and experience to identify your specific needs.

Our café style working groups ensure high Levels of engagement and effective learning. Throughout your training with us, we have a variety of ways we can support you, the most popular and valuable being Application Form Review, our well respected and successful one to one interaction sessions during the training and LSSSDC Assessments and Certification.

To help you keep up to date with industry 'hot topics' and delve into some of those invaluable 'soft skills' we run regular 'Continuing Professional Development Seminars' and online WebTutorials. We constantly seek feedback from our delegates and do our best to action all the good ideas that are put forward, in order to continuously improve your training experience.



PROJECT WORKS AND INTERNSHIP PROGRAMMES FOR B.PHARMACY & M.PHARMACY (Pharm.Analysis, Pharm.Chemistry, Pharm.Technology, Pharmaceuticals)



Exclusive Professional Hands On Experience In Pharmaceutical Equipments handling During Your Project Works.

We Offer :

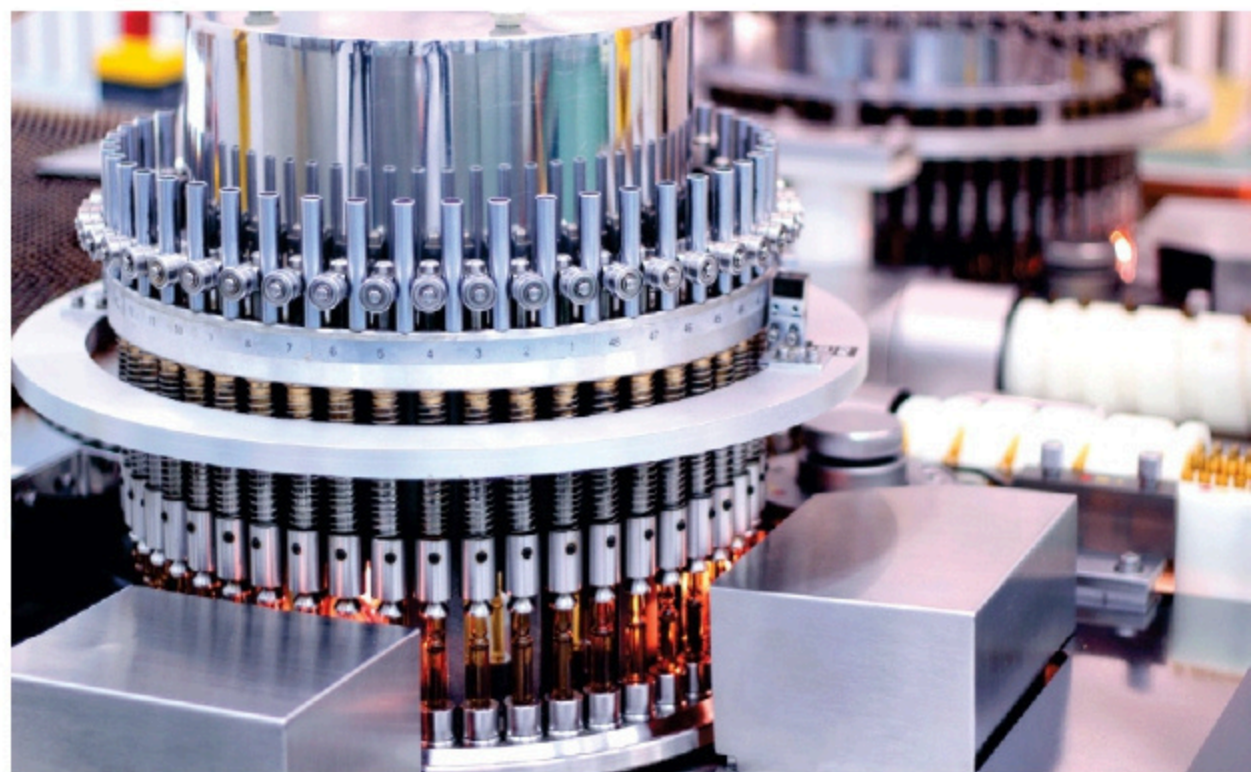
Pharmacy Thesis & Project Services

- B.Pharma / M.Pharma Project Complete Thesis Literature Review
- Results & Discussions
- Complete Project Book with Detailed Explanation Publications For Project
- Powerpoint Presentation (If Required)
- Conducting Project work with Related Equipment
 - HPLC
 - Dissolution Test Apparatus
 - Disintegration Test Apparatus
 - Tablet Deduster
 - Compression Machine
 - UV - Spectroscopy Etc...

Industrial Training & Certification Programme

- Project Report
- Certified Trainers and Faculties
- Industrial Training Certification
- Skill Certification From LSSSDC (NCVET & NSDC)

- Less Theory More Practical
- Wifi Enabled Campus
- Empower Software (HPLC)
- Well Connectivity With Road & Rail Transport
- Located in Heart of the City
- Guest Lecturers With Industry Experts on Weekends
- Mid Term Thesis Evaluations by Doctorates
- 100% Job Assistance After Successful Completion of Project Work
- AC Class Rooms
- VR & AR Technology
- Assistance for Accommodation Facility During the Project / Internship Period
- NCVET Certified Lab
- Tied-Up With More Than 75 Pharma Companies
- Individual & Group Assistance For Project Works



COURSES OFFERED

QC Chemist

DURATION : 45 DAYS

QUALIFICATION B.TECH/
B.Pharma / M.Sc / B.Sc

QA Chemist

DURATION : 45 DAYS

QUALIFICATION B.TECH/
B.Pharma / M.Sc / B.Sc

Associate- Regulatory Affairs and Intellectual Property

DURATION : 45 DAYS

QUALIFICATION B.TECH/
B.Pharma / M.Sc / B.Sc

PRODUCTION MACHINE OPERATOR

DURATION : 55-65 DAYS

QUALIFICATION : INTER / ITI /
DIPLOMA / GRADUATE

PRODUCTION CHEMIST

DURATION : 60-75 DAYS

QUALIFICATION : GRADUATE

Briefly About Training Module

- Orientation Module
- Pharmaceutical growth and importance
- Process of Manufacturing of pharmaceuticals (Doses Forms, Bifurcation of Bulk & Formulations)
- Departments and its Functions in Pharmaceutical Industry
- Importance of Documentation & Brief about Pharmacopeia's
- GMP, cGMP, GLP, cGLP, SOP, BMR & BPR (AUDIT PREPRATATIONS)
- Safety Precautions & PPE Usage (Why, When, Who & How)
- Healthy, Safe & secure Working environment
- Pre – house Keeping Activities
- Guest Lectures from Industry Experts & HR Interactions
- Practical Exposure of In-house Instruments
- Weekly Tests
- Market Sample Collections and Job Readiness
- Final Assessment and Certification
- Placement Opportunities
- Handling of QC Instruments Like HPLC,UV,Disllution Appratus and Disntigation Appratus
- Concept of Boss is Always Write in the Department
- AUDIT Awareness and WHO Guidelines
- Analytical Method Validation (AMV) Procedure



QUALITY CONTROL TRAINING (API & FORMULATION)

Quality control training is essential for ensuring that pharmaceutical companies produce safe, effective, and high-quality products that comply with regulations.

- General lab equipment's-Wet Analysis.
- HPLC/GC - Instrumentation, Operation, Calibration.
- FT-IR, Ultraviolet-visible spectroscopy.
- Dissolution Studies.
- Good laboratory practices and documentation practices.

Eligibility:
B.Sc., M.Sc., B. Pharm, M. Pharm.

Duration: 45 days

HPLC

High Performance Liquid Chromatography





Benefits of The CANDIDATES:

- ✓ Great career in short period
- ✓ Will get the Certification from LSSSDC.
- ✓ Hands on Experience in Pharmaceutical machineries.
- ✓ Interaction with industry experts.
- ✓ As a part of CMS Pharma Alumni
- ✓ 100% Job assistance.

- Training Centre is located at the heart of the City. It has very good connectivity with all modes of Transportations. (Train, Bus, Auto & Flight)
- Well Established Classrooms with Projector Facility.
- LSSSDC Certified Lab with All Manufacturing Equipments.
- LSSSDC Certified Trainers.
- Near to all Major Pharmaceutical Companies around Visakhapatnam.
- Course Content Material Certified by LSSSDC.
- Dedicated Computer systems for IT Training.
- Soft Skills and Employability skills Training by industry Experts.
- Purified Drinking Water, Separate Toilets for Male & female with Hygienic condition.
- Wi-Fi & CCTV Enabled Training Centre.
- Library Facility.
- VR LAB FACILITY.

CMS UNDERGOING SKILL CENTERS

CMS HEAD OFFICE

SDI VISAKHPATNAM MAIN CENTER
47-10-50, DWARAKA NAGAR 4TH LANE,
3RD FLOOR, ABOVE UNION BANK,
VISAKHAPATNAM, A.P -530016



Skill Development Institute
Visakhapatnam

TRAINING PARTNER OF

SKILL DEVELOPMENT
INSTITUTE -VISAKHAPATNAM
RTC COMPLEX, DWARKANAGAR,
VISAKHAPATNAM

CMS SPECIAL FEATURES

CMS provides Trained and LSSSDC Certified Manpower
to all pharmaceutical
(API / Formulations) Units across India



SOME OF OUR CLIENTS

The Partners has rendered services to many clients in different fields, to name a few are as follows:



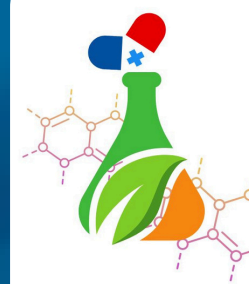
ALIVIRA



graviti
pharma



CRYSTAL
MANAGEMENT SERVICES
(CMS SKILL CENTER)



CMS
LABORATORIES
INDIA PRIVATE LIMITED

Corporate Office:

CMS LABORATORIES INDIA PRIVATE LIMITED
(Registered with Startup INDIA), # 47-10-50, 3rd Floor,
4th Lane, Above Union Bank, Dwaraka Nagar,
Visakhapatnam-530016

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www.cmslabs.in