

SRIJAN

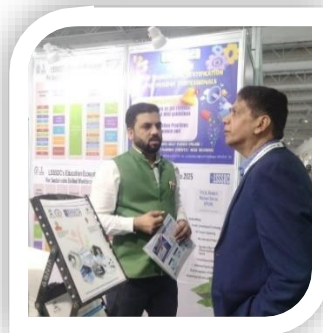
Skill Newsletter by Life Sciences Sector Skill Development Council

ISSUE: 32; JANUARY 2024

HIGHLIGHTS

INSIDE STORIES

- LSSSDC participation at CPPI & PMEC India annual event
- LSSSDC partners CPD, MAHE, Manipal & created Center of Excellence
- Approval of 7 new qualifications and 4 micro credentials
- 38th GB meeting
- Key Events
- LSSSDC Products
- Special Feature



In November 2023, LSSSDC participated at CPPI and PMEC India annual conference & event through Pre-Conference panel discussion and standalone stall at the conference to showcase our skill development initiative in various life sciences subsectors. Also creating awareness amongst participating companies about skilled professionals in

shaping the future of Pharmaceutical, Biotechnology and various subsectors.

LSSSDC partnered for Skill Development with the Declaration of CPD, MAHE, Manipal as 'Center of Excellence' amongst the academic institutions. LSSSDC's Senior Director, Dr. Nivedita at MoU signing event.



LIFE SCIENCES SECTOR SKILL DEVELOPMENT COUNCIL (LSSSDC)

LSSSDC is an industry led not for profit organization that awards Vocational Education & Skill Certification for Life Sciences Sector. It is an approved awarding body of NCVET under the Ministry of Skill Development & Entrepreneurship and is an authorized advisory and monitoring body under MSDE for engaging Industry for Apprenticeship under Apprenticeship Act. It will serve to address skill shortfalls in the Life Sciences Sector in India includes Pharmaceuticals (including Cosmetics, AYUSH & Nutraceuticals), Medical Devices & IVD, Biotechnology, and Research & Development services related Occupations.

From CEO's Desk



Dear Readers,

*We, at LSSSDC, wishes all our stakeholders, partners and collaborators a **very happy, healthy and successful 2024**. May this year bring “Srijan” of many new good things for all of you as it is for us in “Creation” of skilling opportunities, relevant skilling products and skilled manpower for Life Sciences Sector.*

*Reflecting on the last quarter, Q3, 2023 has been incredibly productive for us and the entire team stepped up the pace of activities and deliverables. On one hand we received skilling target allocation of **5400 number** under PMKVY (Pradhan Mantri Kaushal Vikas Yojna) from Ministry, on the other we could initiate special projects with the industry and academia. Continuous skilling happened under Sankalp project for **7500 MSME employees** and through HPKVN projects (**360 Individuals**).*

We participated in various events (organized by CII, OPPI, Pharmexcil, ABLE, Informa Markets and others) and were invited for panel discussions wherein we emphasized the need for continuous skilling, re-skilling, and up-skilling of existing workforce. We believe and highlighted that the key differentiator between ‘successful company’ and others is the availability of skilled manpower. LSSSDC is committed to the mission of providing skilled manpower to the sector and thus focused on

- ***Creation of additional - products** (13 Programs), including 7 Qualification, 4 micro-credentials for conducting short duration skilling and 2 NOS based Qualification. We created specific skilling products for the Clinical Research and MedTech sub-sectors. These are tremendously growing sub-sectors, which will need large numbers of skilled manpower in a short time. This will specifically help academic institutions and our training partners to have flexibility to work with micro-credentials.*

- **Apprenticeship enrollment and assessment** - We empaneled 2Coms as our project management unit (PMU) for Apprenticeship last quarter and initiated a nationwide campaign to enhance the enrollments of apprentices. So far, we have enrolled about **15,800 apprentices**, however the assessment of apprentices on completion of their contract is still lukewarm. This is a mandatory requirement to complete the assessment of apprentices as they will be getting the certificate and due credits. We have an ambitious target to achieve this year on apprenticeship and we seek your support for the same.
- **GMP programs with revised Schedule M contents** - LSSSDC has an excellent 360-degree GMP program module and many reputed pharmaceutical companies have conducted skilling of their workforce through our product. We are upgrading the same with new contents and will be fully compliant to the revised schedule M launched by CDSCO recently. We will reach out to all the companies and associations for conducting skilling on GMP through this product. Our goal is to upgrade the existing workforce according to the updated Schedule-M standards and provide training for new personnel.
- **Council as PMU** - LSSSDC will soon be working as PMU for DoP (Department of Pharmaceuticals) for implementation of HRD scheme for Medical Devices. This is an important step for the Council to embark on skilling **3000+ individuals** in the MedTech sector. The council has already received approvals for 6 qualifications in Medical Devices ranging from testing, manufacturing, supply chain management and sales & marketing.

We are also engaging with corporates for allocating next year's **CSR funding to LSSSDC for skilling initiatives**. This will help us develop upgraded and new age skilling interventions which will in turn help the Life Sciences sector to have skilled manpower.

We hope that you will enjoy reading this edition of action packed 'Srijan' as much as we endeavor to bring you the same. Do complete the Cross Word Challenge at the end of the Newsletter and you will be eligible for a 'Surprise Gift'.

Thank you
Goutam Bhattacharya

LSSSDC participated in CPHI & PMEC India Pre-Connect Congress and at the annual event, showcasing Skill Development initiative in the Lifesciences Industry



LSSSDC, Chairman and various esteemed members at the event

In a stellar showcase of commitment to skill development in the pharmaceutical industry, the Life Sciences Sector Skill Development Council (LSSSDC) made a notable presence at the CPHI & PMEC India annual event at Greater Noida in November 2023, held over three dynamic days. The event, renowned as a premier platform for Indian and global pharma companies, brought together industry leaders, professionals, and stakeholders for extensive business networking, knowledge sharing,

cooperation, collaboration, and celebration. Focused on the theme "Skill Training," LSSSDC exhibits its dedicated efforts, activities, and initiatives within various subsectors of the life sciences industry.

The engaging participation of LSSSDC added a crucial layer to the comprehensive discussions and exhibitions at the event, emphasizing the paramount importance of skilled professionals in shaping the future of the pharmaceutical sector.

Advancing Skill Development: Collaborative Meeting Between Life Sciences Sector Skill Council and Andhra Pradesh State Skill Development Corporation



Glimpse of the Collaborative meeting with APSSDC

LSSSDC is thrilled to share the successful meeting between Dr. Nivedita, Director of the Life Sciences Sector Skill Development Council, and Dr. Vinod, CEO of Andhra Pradesh State Skill Development Corporation. The meeting, held on October 5, focused on fortifying skill development initiatives in Andhra Pradesh's dynamic ecosystem.

In a dynamic exchange of ideas, both leaders strategized on various approaches to address skill gaps in the life sciences sector. The

discussion emphasized customized training modules, industry-academia collaboration, and the integration of technology in skill development programs. This collaborative effort sets the stage for impactful initiatives, including tailored training, workshops, and partnerships, aimed at nurturing a highly skilled workforce in Andhra Pradesh's vibrant life sciences sector. Stay tuned for updates as we embark on this journey to elevate the skills landscape and empower individuals for success in the industry.

LSSSDC Visits HPKVN-SSC Training Centers for Operations Review and Enhances Training Center Standards



LSSSDC, Cluster Head Mr, Ankit Rana with training student at the Center

In a significant move towards ensuring top-notch skill and knowledge training, Mr. Ankit Rana, Cluster Head of the Life Sciences Sector Skill Development Council (LSSSDC) periodic Monitoring, recently visited training centers under the HPKVN-SSC project in Bani Hamirpur and Dehar, Mandi. During his visit, Mr. Rana engaged in productive discussions regarding ongoing operations and future, closely inspecting facilities and meeting with staff members to ensure the highest quality of training. The emphasis was on integrating advanced training methodologies, particularly the availability and utilization of Virtual Reality (VR) labs for practical training,

aligning with LSSSDC's commitment to providing candidates with hands-on experience crucial for success in the dynamic life sciences sector.

This visit underscores LSSSDC's dedication to maintaining rigorous oversight, ensuring that training centers meet prescribed standards in infrastructure and training quality. These proactive measures not only guarantee a holistic and industry-relevant education for candidates but also reflect LSSSDC's commitment to empowering individuals with the skills and knowledge needed to thrive in the competitive landscape of the life sciences sector.

LSSSDC promote skill development with the declaration of CPSD, MAHE, Manipal as Center of Excellence



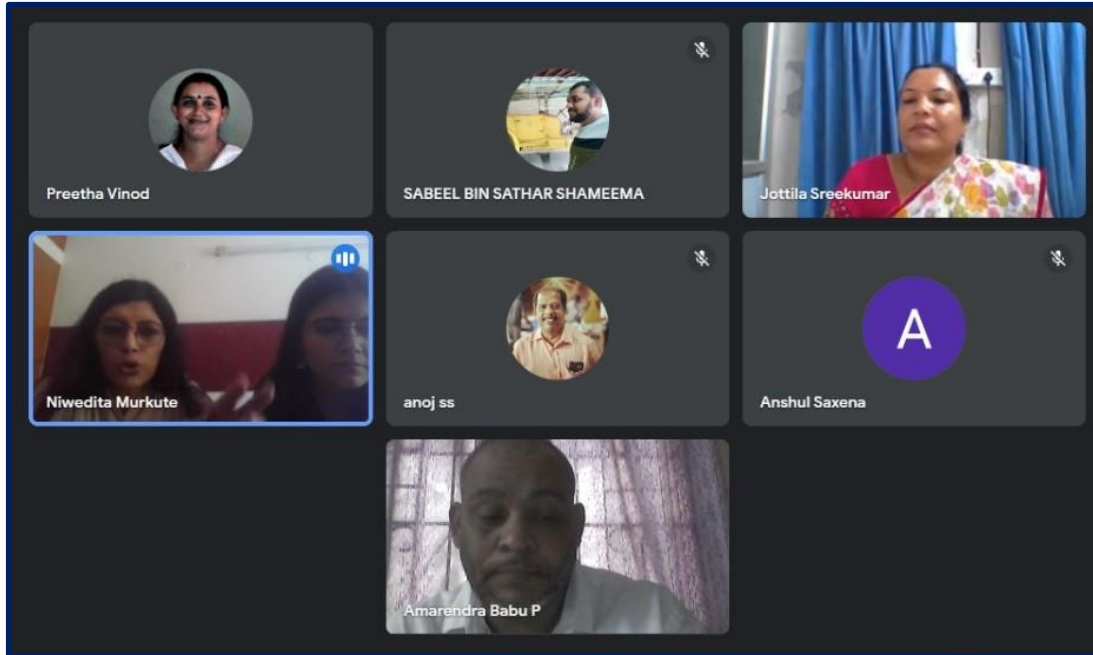
Glimpse of the MOU signing event

In a significant stride towards advancing skill development in the pharmaceutical domain, the Life Sciences Sector Skill Development Council (LSSSDC) declared the Center of Pharmaceutical Skill Development (CPSD) at MAHE, Manipal campus, as a Center of Excellence (COE). The announcement was made during a momentous award ceremony at the MAHE university on November 3, 2023, where Lt. General Dr. MD Venkatesh, Vice Chancellor, MAHE, shared MAHE's commitment to embrace innovative ideas for the betterment of the skill ecosystem.

The prestigious title of COE marks MAHE's dedicated efforts in collaboration with LSSSDC to meet the evolving skill needs of the life science industry. Ambitious plans include the development of new courses, apprenticeships, add-on certifications,

industry upskilling, RPL, and short-term training programs. During the award ceremony, Dr. Sharath K Rao, Pro Vice Chancellor (Health Science), articulated a vision to influence future hiring patterns and position MAHE university as the primary source of talent recruitment. The MOU solidifying this collaboration was signed by Dr. Giridhar P Kini, Registrar, MAHE, and Dr. Nivedita Murkute, Senior Director, LSSSDC. Dr. C Mallikarjuna Rao, Principal of MCOPS, highlighted various avenues to strengthen the newly declared COE. Dr. Anup Naha, Coordinator of the CPSD, played a pivotal role in initiating this collaboration, with support from Dr. Srinivas Hebbar, Co-coordinator of CPSD. This monumental event sets the stage for a transformative journey in pharmaceutical skill development at the MAHE campus, ushering in a new era of excellence and innovation.

LSSSDC Joins Forces with VHSE Kerala for Advancing Life Science Vocational Education

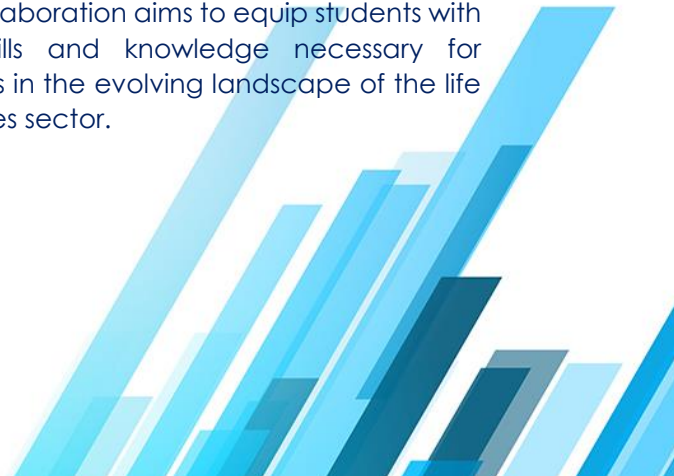


Snap of LSSSDC, Team attending VSHE Meeting

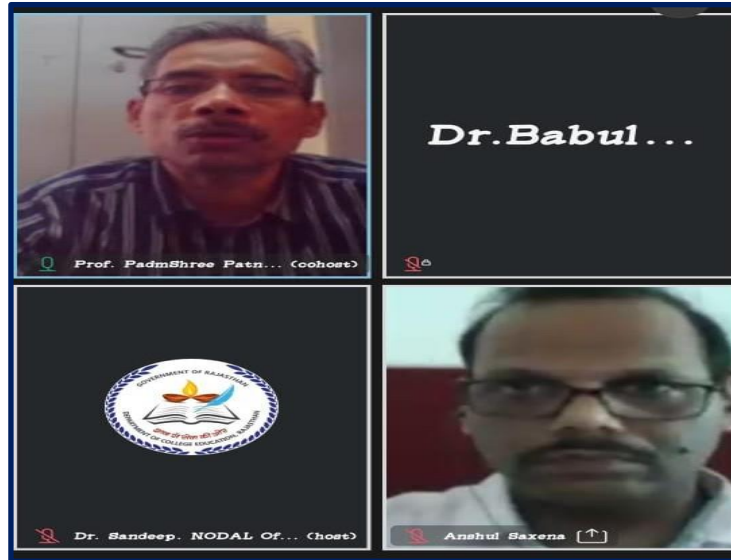
In a significant stride towards enhancing vocational education in the life sciences sector, members of the Life Sciences Sector Skill Development Council (LSSSDC) recently engaged in a pivotal meeting with the Vocational Higher Secondary Division (VHSE) of the General Education Department, Government of Kerala. VHSE Kerala has been at the forefront of providing National Skills Qualification Framework (NSQF) aligned vocational courses to higher secondary students, with the Lab Technician - Research and Quality course (QP No LFS/Q5209) being a standout addition. This first-of-its-kind course spans 131 batches across Kerala, catering to 30 students per batch. The

collaborative discussion centered on areas of mutual support, including training conduct, assessments, certifications, industry collaboration for on-the-job training, and the development of an aspirational yet skill-focused curriculum model aligned with the National Education Policy's (NEP) emphasis on vocationalising school education.

The strategic partnership between LSSSDC and VHSE Kerala reflects a commitment to providing students with comprehensive, industry-relevant education. By bridging the gap between academia and industry needs, this collaboration aims to equip students with the skills and knowledge necessary for success in the evolving landscape of the life sciences sector.



LSSSDC Senior Director to Address "Introduction to Entrepreneurship in Higher Education" at Rajasthan Government's Webinar Series



Life Sciences Sector Skill Development Council (LSSSDC) Senior Director, Mr Anshul Saxena is set to be a prominent speaker at the Faculty Development Academy's upcoming webinar series on the "Entrepreneurial Landscape in Higher Education." Organized by the Department of College Education, Government of Rajasthan, the webinar series is scheduled from November 20 to November 24, 2023, and is designed for faculties from Government Colleges, particularly those involved in entrepreneurship and innovation cell activities. With a substantial audience of over 250 faculties, these institutions are instrumental in cultivating entrepreneurial skills among postgraduate students in basic sciences, supported by robust lab infrastructure.

These colleges are on the verge of introducing vocational courses, marking a significant step toward providing a comprehensive educational experience. The Senior Director's talk on "Introduction to Entrepreneurship in Higher Education" is anticipated to be a pivotal component of the series. This talk aims to provide valuable insights and exposure to faculties, encouraging their participation in various programs such as vocational courses and incubation activities. The Senior Director's participation underscores LSSSDC's commitment to fostering entrepreneurship in higher education and supporting initiatives that contribute to the holistic development of students and faculties.



LSSSDC Receives NCVET Approval for 4 Micro credentials, 2 NOS- Based Qualification and 7 New Qualifications

The Life Sciences Sector Skill Development Council (LSSSDC) proudly announces the approval of Four Micro credentials, 2 NOS-Based Qualification and 7 New Qualifications from the National Council for Vocational Education and Training (NCVET).

These newly approved 4 Micro credentials are set to enhance the skills of professionals in the life sciences sector. They include:

1. **Basics of Clinical Data Management**
2. **Advanced Data Capture Techniques in Clinical Data Management**
3. **Clinical Data Validation and Quality Control**
4. **Clinical Data Reporting and Analysis**

In addition to the micro credentials, two new NOS – Based qualifications have been added to LSSSDC's repertoire:

1. **Pharmacovigilance Case Processing**
2. **Aggregate Report writing for Regulatory Compliance**

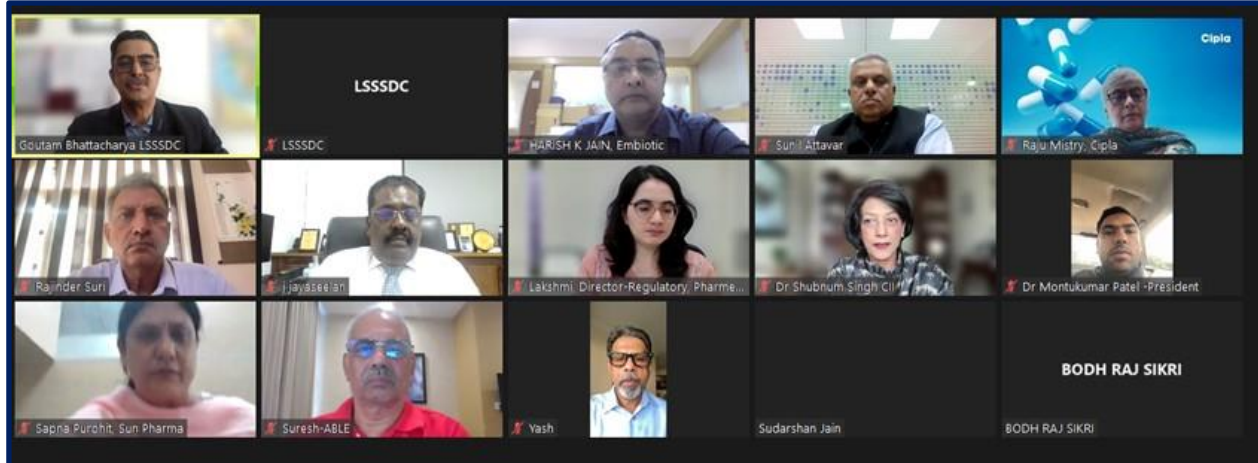
In addition, 7 New qualifications have been added to LSSSDC's repertoire catering to various subsectors job area specifically to

1. **Analyst- Drug Safety / Pharmacovigilance**
2. **Production Technician: In -Vitro Diagnostic (IVD) Kits (Class A and Class B)**
3. **Logistics Associate -Cold Chain Sustainability (Drug Products, Vaccines, Medical Devices and IVD)**
4. **Senior Technician - Electrical Safety Testing for Medical Devices and IVD**
5. **Junior Engineer-EMI/EMC testing for Medical Devices and IVD**
6. **Production Technician: Medical Device-Stents with electives**
7. **Technician Automation Maintenance for Medical Device Plant**

The approval of these micro credentials and qualifications underscores LSSSDC's commitment to advancing skill development and education in the life sciences sector, ensuring that professionals in these fields receive comprehensive training and expertise, contributing to the growth and excellence of the industry.



LSSSDC path to advancing Skills, Igniting Innovation: Takeaways from the 38th LSSSDC Governing Body Meeting



LSSSDC, CEO Mr. Goutam Bhattacharya with GB Members in ZOOM Call

In a dynamic session, the 38th Governing Body (GB) meeting of the Life Sciences Sector Skill Development Council (LSSSDC) unfolded with a distinguished presence, including our Chairman, Mr. Sudarshan Jain, and esteemed governing body members. This gathering became a collaborative platform where each member contributed valuable insights, passionately discussing strategies for advancing the life sciences sector. The focal point of the meeting was a comprehensive exploration of skilling prospects, ensuring that LSSSDC remains at the forefront of dynamic

and industry-aligned skill development in the ever-evolving life sciences sector.

The active engagement and commitment exhibited by Chairman Sudarshan Jain and the governing body members underscored their dedication to propelling LSSSDC toward new heights. The transformative discussions held during the meeting are set to shape the future landscape of skill development in the life sciences sector, fostering an environment of innovation and growth. Stay tuned as we continue our collective journey, igniting innovation and excellence in the field of life sciences through skill development initiatives.



LSSSDC Presents Good Manufacturing Practices Program for Pharma Professionals



is offering

GMP TRAINING AND CERTIFICATION FOR PHARMA PROFESSIONALS

Training Covers

- cGMP Guidelines as per revised schedule M and WHO guidelines
- Data Integrity
- Good Documentation Practices
- Machine Maintenance and Calibration

MODE : 9 HOURS SELF PACED ONLINE / INSTRUCTOR LED TRAINING (ONSITE/ WEB SESSION)

To Know more, write us on: INFO@LSSSDC.IN ,COMMUNICATIONS@LSSSDC.IN
Visit us on WWW.LSSSDC.IN



LSSSDC CEO participated in Pharmexcil Capacity Building Program with cGMP Expertise



LSSSDC, CEO Mr. Goutam Bhattacharya with various stakeholder at Pharmexcil event

In a collaborative effort to enhance skill development in the pharmaceutical sector, Mr. Goutam Bhattacharya, CEO of the Life Sciences Sector Skill Development Council (LSSSDC) actively participated in the Pharmexcil Capacity Building Program. The focal point of the intervention was the critical topic of cGMP (current Good Manufacturing Practice) implementation through skill development, addressing a pivotal aspect of quality compliance in the industry. LSSSDC's CEO contributed valuable insights to the program, emphasizing the practical application of cGMP practices by upskilling the workforce. This collaboration underscores LSSSDC's dedication to actively shaping a

skilled and compliant workforce within the pharmaceutical sector, ensuring the seamless integration of theoretical knowledge into real-world practices.

The intervention not only enriches the ongoing Capacity Building Program but also signifies LSSSDC's commitment to playing a pivotal role in advancing skill development initiatives in collaboration with industry partners. The insights gained from this collaborative effort contribute significantly to the collective mission of driving impactful skill development in the dynamic landscape of the life sciences sector. Stay tuned for further updates as LSSSDC continues to actively engage in collaborative endeavors that shape the skill landscape of the pharmaceutical industry.

LSSSDC's Chairman and CEO attended OPPI Annual Summit



LSSSDC, Chairman and CEO with various stakeholder at OPPI Annual Summit

LSSSDC Chairman and CEO of the Life Sciences Sector Skill Development Council (LSSSDC) attended at the OPPI Annual Summit, held under the theme 'Bharat Ke Liye'. This strategic summit served as a pivotal platform for industry leaders to deliberate and strategize on the future of Lifesciences in the country, aligning discussions with the evolving Lifesciences landscape.

Under the overarching theme, 'Bharat Ke Liye,' the summit focused on exploring innovative strategies and collaborative efforts to shape the future of Lifesciences in

India. LSSSDC's active participation reflects its commitment to staying abreast of crucial discussions and initiatives that influence the Lifesciences sector's trajectory. As the insights and strategies unveiled during the summit unfold, LSSSDC is poised to integrate these learnings into its skill development initiatives. This ensures that the life sciences workforce remains adept and well-equipped to address the evolving demands of the Lifesciences sector. Stay tuned for ongoing updates on LSSSDC's impactful contributions to the transformative journey of Lifesciences in India

Navigating the Future: Impact of the Revised Schedule M on Pharma and Biopharma Industry

The pharmaceutical and biopharmaceutical industry is on the verge of transformative change with the recent launch of the revised Schedule M of the Drugs and Cosmetics Rules, 1945. This overhaul introduces a set of rigorous Good Manufacturing Practice (GMP) guidelines, requiring professionals to upskill and adapt swiftly. This article explores how training initiatives are poised to play a pivotal role in navigating the challenges and opportunities presented by the revised Schedule M.

Key Changes and Training Implications:

The revised Schedule M includes the introduction of critical elements such as the Pharmaceutical Quality System (PQS), Quality Risk Management (QRM), and Product Quality Review (PQR), with specific guidelines for the qualification and validation of equipment, demands a workforce equipped with advanced competencies. Industry is required to introduce GMP training programs focused on providing professionals with a profound understanding of systematic manufacturing processes, Risk Management, and proficiency in utilizing computerized systems for ensuring data integrity according to the requirements.

Empowering the Workforce:

One of the significant impacts of the revised Schedule M is the call for upskilling the existing workforce and preparing new entrants for the ever-evolving standards. Industry Training initiatives need to empower professionals with the skills necessary to meet the stringent regulatory requirements outlined in the revised Schedule M. This includes fostering expertise in the use of technology for GMP-related processes and adherence to the latest industry standards.

Technological Integration and Skill Training:

The emphasis on computerized systems within the revised Schedule M necessitates a shift towards integrating technology into training methodologies. Simulations, Past experiences, and real-world case studies will be incorporated into training programs to ensure that professionals are not only theoretically aware of the technological advancements but also proficient in applying them in practical scenarios.

LSSSDC Offerings:

Given the critical nature of pharmaceutical and bio-pharmaceutical manufacturing, certification and accreditation become paramount. LSSSDC is having skill programs aligned to revised Schedule M for ready Implementation. For more information, please refer to page 12 of this newsletter and feel free to contact us on info@lsssdc.in.

Continuous Learning Culture:

The revised Schedule M focuses on Integration of quality culture at all the levels. Hence, the implementation of the revised Schedule M is not a one-time event but an ongoing process. This ensures that the workforce remains agile and adaptable in the face of evolving industry standards. We as the Sector Skill Council are here to play a role in steering the industry towards a future defined by excellence, compliance, and innovation.

By Shivi Chaudhary

FUN ZONE

Pharmaceutical Department



Find the following words in the puzzle.
Words are hidden → ↓ and ↘ .

CLINICAL
ENGINEERING
PACKAGING
PHARMACOVIGILANCE

PRODUCTION
QUALITY
RESEARCH
STORE

SUPPLYCHAIN



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DEAR READERS, WE ENCOURAGE AND INVITE ALL OF YOU TO SUBMIT YOUR ARTICLES AND WHITE PAPERS ON THE TOPICS RELEVANT TO SKILL DEVELOPMENT IN LIFE SCIENCES FOR INCLUSION IN FUTURE PUBLICATIONS. PLEASE SHARE YOUR WRITE UP WITH US ON STANDARDS.ADVISORY@LSSSDC.IN

THANK YOU

EDITORIAL TEAM, LSSSDC

