

Reports on Activities undertaken for Guidance for Competitive Examinations & Career Counselling of Students during Session- 2020-2021

Jointly Activity Conducted by

Yashwantrao Chawhan Arts, Commerce & Science College, Lakhandur
Arts and Science College, Nachangaon-Pulgaon
Sanjeevani ACS College, Kopargaon,
Jeevan Vikas Mahavidyalaya, Devgram
Tyawade College, Koradi
Vidyabharti College, Seloo
New Arts commerce and Science College, Wardha
S.K. Porwal College, Kamptee

Duration from 04/06/2020 TO 28/08/2020.

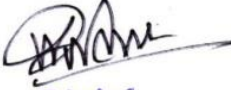
Sr. No.	DATE	CLASS	ACTIVITY
1	04/06/2020	For Students	<p style="text-align: center;">Three Days Online Workshop on “Microbe-Powered jobs: Exploring Entrepreneur Microbes”</p> <p style="text-align: center;">Topic- “Cultivation and Processing of Spirulina”</p> <p style="text-align: center;">By- Dr. Samadhan Dahikar Principal, Sanjeevani ACS College, Kopargaon.</p>
2	05/06/2020		<p style="text-align: center;">Topic- “Azolla: A Wonder Fern”</p> <p style="text-align: center;">By- Dr Rakesh Thakare Assistant Professor, Dept. of Microbiology, Yashwantrao Chawhan ACS College, Lakhandur, Dist. Bhandara.</p>
3	06/06/2020		<p style="text-align: center;">Topic- “Food Processing”</p> <p style="text-align: center;">By- Prof. M. Bawankar Dept. of Food Processing, D.B. Science College, Gondia.</p> <p style="text-align: center;">Topic- “Mushroom Cultivation and Processing”</p> <p style="text-align: center;">By- Dr Trupti Dakhate Quality Farm, Pune.</p>
4	19/6/2020	For All Students	<p>Jointly Organized by Internal Quality Assurance cell & Department of Microbiology of Arts & Science College, Pulgaon</p>

			<p>Yashwantrao Chawhan ACS College, Lakhandur Sanjeevani ASC College, Kopargaon.</p> <p>International Academic Expert Talk on “Students on Career Prospective in Abroad: as Interactive Session”</p> <p>By Eminent Speaker Dr. Nitesh Sharma, USA.</p>
5	28/06/2020	For All Semester Students	<p>Three days Online Workshop on “Developing Skills for Shaping Career in Industrial Sector”</p> <p>Jointly Organized by Internal Quality Assurance cell & Department of Microbiology of Arts & Science College, Pulgaon, Yashwantrao Chawhan ACS College, Lakhandur, Sanjeevani ACS College, Kopargaon, Jeevan Vikas Mahavidyalaya, Devgram.</p>
			<p>Session-I: Topic-“Assertive Communication and Leadership”</p> <p>By- Mr. Sachin Sontakke Assistant Manager, Tata Consultancy Services, Pune. Date- 28/06/2020 Time 11:00 AM to 1:00 PM</p>
6	29/06/2020	For All Semester Students	<p>Three days Online Workshop on Developing Skills for Shaping Career in Industrial Sector</p>
			<p>Session-I: Topic-“Apiculture-Farmer Friend”</p> <p>By- Mr.Vivek Khalokar Khalokar Beekeeping Enterprises, Pune. Date- 29/06/2020 Time 11:00 AM to 12:00 Noon</p> <p>Session-II: Topic -“Microbiology and Pharma”</p> <p>By- Mr. Nitesh Akarte Quality Control Manager Emcure Pharmceutical, Pune Date- 29/06/2020 Time 1:00 PM to 2:30 PM</p>
7	30/06/2020	For All Semester Students	<p>Three days Online Workshop on “Developing Skills for Shaping Career in Industrial Sector”</p>
			<p>Session-I: Topic-“Biofertilizer & Biopesticides in Agriculture”</p> <p>By- Dr. Sunil Ingle Associate Professor, Plant Pathology</p>

			<p>Dr. PDKV, Akola.</p> <p>Date- 30/06/2020 Time 11:00 AM to 12:00 Noon</p> <p>Session-II: Topic- "Time Management"</p> <p>By- Dr. D.D. Bhokare Associate Professor Khandelwal College, Akola</p> <p>Date- 30/06/2020 Time -12:00 Noon to 1:00 PM</p>
08	18/07/2020		<p>Student Development Programme Academic Expert Talk Topic- "Role of Medicinal Plants and Pharmaceutical Industry"</p> <p>By- Dr. Sneha Ashish Agrawal Bharti Vidyapeet College Of Pharmacy, Navi Mumbai.</p>
09	23/07/2020	For All Students of B.Sc.	<p>Student Development Programme Industry Expert Talk-3 Topic- Importance of Microbiology in Pharmaceutical Companies</p> <p>By- Dhamadeep Fule, Ex-Gm Head Plant.</p>
10	25/07/2020	Only For Faculty	<p>Faculty Development Programme "One Day Online Workshop On MOOC" By- Ms Chithra S</p> <p>Saveetha Engingeering College Chennai Total Registered Participants-788</p>
11	26/07/2020	For All Students of B.Sc.	<p>Student Development Programme Industry Expert Talk-4 Topic- Role of Quality Control And Downstream Process In Pharmaceutical Industry</p> <p>By- Dr. Sandeep Chaudhari R & D Manager Shirdi Sai Neutraceutical Pvt. Ltd. Bangalore. Platform-On Zoom Total Registered Participants-120</p>
12	04/08/2020	For All Students of B.Sc.	<p>Student Development Programme Industry Expert Talk-5 Topic- Pharmaceutical Generic Production Development</p> <p>By- Dr. Nitin P. Ambhore, Formulation Scientist Mylan Laboratories Ltd., Hydrabad.</p>
13	09/08/2020	For Students And Faculty	<p>Student Development Programme & Career Guidance Cell Workshop on Topic- Career Guidance For Competitive Exam (MPSC/UPSC) By- Prof. Pravin V. Bhuge</p>

			Unique Academy, Pune.
14	14/08/2020	For Students And Faculty	<p style="text-align: center;">One Day Webinar on Women Empowerment Topic- Role of Capacity Building For Bright Future By- Dr. Bharati D. Katekhaye S.N. Mor Arts Commerce & Smt. G.D. Saraf Science College, Tumsar.</p> <p style="text-align: center;">Topic-Women Empowerment Through Skill Development By- Dr. Sampada Amit Naseri, V.S.P.M. College Nagpur.</p>
15	20/08/2020	For Staff	<p style="text-align: center;">Faculty Development Programme One Day Online Workshop on “PBAS/API Performance Based Appraisal System/Academic Performance Indicator” By- Dr. Ashish S Raut Librarian Shri Shivaji College, Of Arts Commerce And Science, Akola.</p>
16	23/08/2020	For Students	<p style="text-align: center;">Student Development Programme Industry Expert Talk-6 Topic- Current Scenario And Challenges For Microbiologist In Pharmaceutical Industries By- Dr. Rajeev S. Prasad Head QA-Plasma Protein Reliance Life Science Pvt. Ltd., Mumbai.</p>
17	28/08/2020	For Students And Staff	<p style="text-align: center;">Gender Equality Day One Day State Level Workshop on “Today’s Equality Status of Women In India” By- Dr. Pravina N. Khobragade Dr. Babasaheb Ambedkar College of Law, Nagpur.</p>




Principal
Y. C. College, Lakhandur
Dist, Bhandara

Report on Three Days Online Workshop on "Microbe-Powered jobs: Exploring Entrepreneur Microbes"

Name of Organizing Department / Committee: IQAC, and Microbiology Department

Name / Title of Activity: Three Days Online Workshop on "Microbe-Powered jobs: Exploring Entrepreneur Microbes"

Date of Activity: 04-06-2020 to 06-06-2020.

Place / Venue of Activity: Online Zoom Platform

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any):

Topic- "Cultivation and Processing of Spirulina"

By- Dr. Samadhan Dahikar

Principal, Sanjeevani ACS College, Kopargaon.

Topic- "Azolla: A Wonder Fern"

By- Dr Rakesh Thakare

Assistant Professor, Dept. of Microbiology,
Yashwantrao Chawhan ACS College, Lakhandur, Dist. Bhandara.

Topic- "Food Processing"

By- Prof. M. Bawankar

Dept. of Food Processing, D.B. Science College, Gondia.

Topic- "Mushroom Cultivation and Processing"

By- Dr Trupti Dakhate

Quality Farm, Pune.

Number of Participants: 527

Name of Teacher In-charge / Convener:- Dr. Rakesh U. Thakare, Assistant Professor & Head, Department of Microbiology, Yashwantrao Chawhan College Lakhandur.

Names of Other Committee Members / Staff: Dr. Rakesh P. Wasnik, Dr. Virendra B. Turkar, (IQAC Members).

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: Three Days online workshop titled "Microbe Powered Jobs - Exploring Entrepreneur Microbes" was organized by the department of Microbiology to delve into the emerging field of microbial biotechnology and its potential to create innovative job opportunities. The workshop brought together experts from academia, industry, and budding entrepreneurs to discuss how microbes can be harnessed for various industrial applications.

Keynote Address:

Dr. J. V. Dadve, Principal- Yashwantrao Chawhan College Lakhandur, opened the workshop with a keynote address on the transformative potential of microbes. He highlighted the diverse roles microbes play in biotechnology, from waste management to pharmaceuticals, and emphasized the importance of microbial entrepreneurship in addressing global challenges.

Session Highlights:**1. Microbial Biotechnology and Industry Applications**

Speaker: Dr. Samadhan Dahikar, Principal-Sanjivani College Kopergaon.

Summary: Dr. Dahikar discussed various industrial applications of microbes, including Cultivation and Processing of Spirulina.

2. Microbes in Agriculture

Speaker: Dr. Rakesh Thakare, Assistant Professor, Y. C. College Lakhandur.

Summary: Dr. Thakare focused on the role of microbes in sustainable agriculture. He covered topics such as biofertilizers, biopesticides, and “Azolla: A wonder Fern”. The session highlighted how microbial products can reduce dependency on chemical inputs and enhance crop productivity.

3. Health and Pharmaceuticals

Speaker: Prof. Manish Bawankar, Assistant Professor, D. B. Science College Gondia.

Summary: Dr. Bawankar explored the use of microbes in food processing. He discussed the latest advancements in microbiome research and its implications for food processing industries.

4. Entrepreneurship in Microbial Biotechnology

Speaker: Dr. Trupti Dakhate, Quality Farm, Pune.

Summary: Dr. Trupti Dakhate, provided insights into the entrepreneurial landscape of microbial biotechnology. She shared tips on starting a biotech company, securing funding, and navigating regulatory challenges. The session included success stories of entrepreneurs who have built thriving businesses around microbial innovations and she also discussed about “Mushroom Cultivation and Processing”.

Interactive Sessions: The workshop included interactive breakout sessions where participants could engage in discussions, share ideas, and network.

Conclusion: The workshop concluded with a closing address by Dr. Samantha Lee, who reiterated the immense potential of microbes in creating sustainable and innovative job opportunities. She encouraged participants to continue exploring and investing in microbial technologies to drive future growth and development.

Outcomes and Feedback: Participants found the workshop highly informative and engaging.

Key takeaways included:


Enhanced understanding of the potential applications of microbes in various industries.

Practical insights into starting and growing a microbial biotech business.

The feedback was overwhelmingly positive, with many expressing interest in future workshops and collaborative projects.

This workshop was a significant step towards fostering a community of innovators and entrepreneurs dedicated to harnessing the power of microbes for sustainable development.




Principal
Y. C. College, Lakhandur
Dist, Bhandara

Report on International Academic Expert Talk on "Students Career Prospective in Abroad"

Name of Organizing Department / Committee: IQAC, and Microbiology Department

Name / Title of Activity: International Academic Expert Talk on "Students Career Prospective in Abroad".

Date of Activity: 19-06-2020.

Place / Venue of Activity: Online Zoom Platform

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Dr. Nitesh Sharma, USA; IQAC, and Microbiology Department, Y.C. College Lakhandur, Arts & Science College Pulgaon.

Number of Participants: 500

Name of Teacher In-charge / Convener:- Dr. Rakesh U. Thakare, Assistant Professor & Head, Department of Microbiology, Yashwantrao Chawhan College Lakhandur.

Names of Other Committee Members / Staff: Dr. Rakesh P. Wasnik, Dr. Virendra B. Turkar, (IQAC Members).

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The Academic Expert Talk on "Student Career Prospects Abroad" was conducted to provide insights and guidance to students interested in pursuing education and careers overseas.

Dr. Rakesh Thakare welcomed the participants and introduced the speaker, highlighting the importance of understanding global career opportunities and the evolving landscape of international education. He emphasized the need for students to be well-prepared and informed about the prospects and challenges of studying and working abroad.

Keynote Presentation: "Students Career Prospective in Abroad".

Speaker: Dr. Nitesh Sharma, USA.

Overview:

Dr. Nitesh Sharma began by outlining the primary motivations for students to study abroad, including gaining international exposure, enhancing employability, and accessing higher-quality education. He provided a comprehensive overview of the most popular destinations for international students, including the USA, UK, Canada, Australia, and Germany.

Key Points Covered:

Choosing the Right Destination:

Importance of researching and selecting a country based on the quality of education, cost of living, cultural fit, and post-graduation employment opportunities.

Comparative analysis of top study destinations, highlighting the unique advantages of each.

Application Process:

Detailed guidance on the application procedures for universities in various countries, including standardized tests (GRE, GMAT, TOEFL, IELTS), statement of purpose, recommendation letters, and interview preparation.

Tips on creating a strong application profile, emphasizing academic achievements, extracurricular activities, and relevant work experience.

Funding and Scholarships:

Overview of funding options available for international students, including scholarships, grants, and assistantships.

Information on how to search and apply for scholarships, and advice on managing finances while studying abroad.

Career Prospects and Job Market:

Insights into the job markets of different countries, including in-demand sectors and skills.

Strategies for securing internships and employment opportunities during and after studies, including networking, job fairs, and leveraging university career services.

Cultural Adaptation and Networking:

Importance of cultural awareness and adaptability in a global environment.

Tips on building a professional network abroad through campus activities, professional associations, and online platforms like LinkedIn.

Discussion Highlights:

Dr. Nitesh Sharma: Shared his journey from applying to US universities to securing a job at a top tech firm. Emphasized the importance of internships and practical experience.

Interactive Q&A Session

Participants engaged with Dr. Nitesh Sharma, asking questions about:

Balancing work and study commitments while abroad.

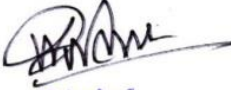
Overcoming homesickness and cultural shock.

Navigating visa regulations and work permits in different countries.

Specific advice for students in various fields, including engineering, business, and humanities.

Conclusion: The session concluded with Dr. Nitesh Sharma reiterating the importance of thorough research, proactive planning, and continuous skill development for students aspiring to build careers abroad. He encouraged students to take advantage of the resources provided by their universities and to stay informed about global trends and opportunities.




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Report on Three Days Online Workshop on "Developing Skills for Shaping Career in Industrial Sector"

Name of Organizing Department / Committee: Microbiology Department & IQAC.

Name of Activity: Three Days Online Workshop on "Developing Skills for Shaping Career in Industrial Sector".

Date of Activity: 28-06-2020 to 30-06-2020

Place of Activity:- Online Zoom Platform

Name of Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Mr. Sachin Sontakke, Mr. Vivek Khalokar.

Title of Activity: Online Workshop on "Developing Skills for Shaping Career in Industrial Sector".

Assertive Communication and Leadership An informative talk on Assertive Communication and Leadership By Mr. Sachin Sontakke.

Apiculture-Farmer's Friend by Mr. Vivek Khalokar.

Number of Participants: 520

Name of Teacher In-charge / Convener: Dr. Rakesh U. Thakare, Assistant Professor & Head, Department of Microbiology, Yashwantrao Chawhan College Lakhandur.

Names of Other Committee Members / Staff: Dr. Rakesh P. Wasnik, Dr. Virendra B. Turkar, (IQAC Members).

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The online workshop titled "Developing Skills for Shaping Careers in the Industrial Sector" was conducted on 28th to 30th June, 2020 by Microbiology Department & IQAC of Yashwantrao Chawhan College Lakhandur in association with Arts & Science College Pulgaon. The workshop aimed to equip participants with the necessary skills and knowledge to excel in the industrial sector, which is essential for career advancement and growth in today's competitive landscape.

Objective:

The primary objective of the workshop was to provide participants with insights into the industrial sector's demands and equip them with the skills needed to succeed in various roles within this domain. Additionally, the workshop aimed to facilitate networking opportunities and foster collaborations among participants and industry experts.

Content Overview:

Understanding the Industrial Sector: The workshop commenced with an overview of the industrial sector, including its scope, challenges, and opportunities. Participants gained insights into key trends, technologies, and market dynamics shaping the industry.

Essential Skills for Success: Presentations and interactive sessions focused on identifying and developing essential skills required in the industrial sector. Topics covered included technical proficiency, project management, problem-solving, communication, and leadership skills.

Industry Insights: Seasoned professionals and experts shared their experiences and provided valuable insights into various industrial domains, including manufacturing, engineering, supply chain management, and logistics. Participants gained a deeper understanding of industry-specific challenges and best practices.

Career Development Strategies: The workshop provided practical guidance on crafting effective resumes, enhancing interview skills, and leveraging professional networks to advance career prospects in the industrial sector. Participants learned strategies for career planning, skill enhancement, and continuous learning.

Case Studies and Workshops: Real-world case studies and hands-on workshops allowed participants to apply theoretical concepts to practical scenarios. Through group activities and discussions, participants collaborated to solve industry-related challenges and enhance their problem-solving abilities.

Key Takeaways:

Enhanced understanding of the industrial sector's dynamics, trends, and challenges.

Acquisition of essential skills such as technical proficiency, project management, and communication.

Insights into career development strategies and pathways within the industrial sector.

Networking opportunities with industry experts and peers.

Practical application of theoretical knowledge through case studies and workshops.

Conclusion: The online workshop on developing skills for shaping careers in the industrial sector provided participants with valuable insights, practical knowledge, and networking opportunities essential for career advancement in this dynamic field. By focusing on essential skills, industry insights, and career development strategies, the workshop equipped participants with the tools needed to succeed in various roles within the industrial sector.

Recommendations: Based on the success of this workshop, it is recommended to organize similar events regularly, covering diverse topics and catering to different skill levels within the industrial sector. Additionally, incorporating more interactive sessions, case studies, and workshops can further enhance participant engagement and learning outcomes.

RegistrationLink / Google Form Link :-

https://docs.google.com/forms/d/e/1FAIpQLSeIVcmQBkN7kOLjGLTrTOIFYbTb3EStrmoMw3LuyBgHe8X9mA/viewform?usp=sf_link


Zoom Meeting / U Tube Link:-<https://youtu.be/EnQyva-kuKM>
<https://youtu.be/Fy5j5bcIEO4>

Meeting ID:-

Activity with Newspaper Coverage if any: Nil

Screenshots of Events &Flyer:-




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Report on Industry Expert Talk on “Pharmaceutical Generic Production Development”.

Name of Organizing Department / Committee: Microbiology Department & IQAC.

Name of Activity: Industry Expert Talk

Date of Activity: 04-08-2020

Place of Activity:- Online Zoom Platform

Name of Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Dr. Nitin Ambhore, Formulation Scientist Mylan Pharmaceutical, Hyderabad Pharmaceutical Generic Production Process

Title of Activity: Industry Expert Talk "Pharmaceutical Generic Production Development"

Number of Participants: 250

Name of Teacher In-charge / Convener: Dr. Rakesh U. Thakare, Assistant Professor & Head, Department of Microbiology, Yashwantrao Chawhan College Lakhandur.

Names of Other Committee Members / Staff: Dr. Rakesh P. Wasnik, Dr. Virendra B. Turkar, (IQAC Members).

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The industrial expert talk by Dr. Nitin Ambhore on pharmaceutical genetic production development provided valuable insights into the latest advancements, challenges, and future prospects in the field of pharmaceutical manufacturing, particularly focusing on genetic production methods. The talk aimed to bridge the gap between academia and industry, facilitating knowledge exchange and fostering collaboration in the development of innovative pharmaceutical products.

Key Points Discussed:

Genetic Production Techniques:

Overview of genetic engineering methods used in pharmaceutical production, including recombinant DNA technology, gene editing, and synthetic biology.

Application of genetic production techniques in the synthesis of therapeutic proteins, vaccines, enzymes, and other biopharmaceuticals.

Advantages of genetic production over traditional chemical synthesis methods, such as scalability, specificity, and production of complex molecules.

Bioprocess Optimization and Scale-Up:

Challenges and considerations in optimizing bioprocess parameters for genetic production, including media composition, fermentation conditions, and downstream purification techniques.

Strategies for scale-up of genetic production processes to industrial manufacturing scales while maintaining product quality, consistency, and cost-effectiveness.

Integration of process analytical technologies (PAT) and quality by design (QbD) principles in bioprocess development and optimization.

Regulatory and Quality Assurance Aspects:

Regulatory requirements and guidelines governing genetic production of pharmaceuticals, including biosafety, biosecurity, and Good Manufacturing Practices (GMP).

Importance of robust quality assurance and control measures to ensure the safety, efficacy, and purity of genetically produced pharmaceuticals.

Compliance with international standards and regulations, including regulatory submissions, inspections, and post-market surveillance.

Future Directions and Opportunities:

Emerging trends and technologies shaping the future of genetic production in the pharmaceutical industry, such as cell-free systems, CRISPR-based gene editing, and personalized medicine.

Opportunities for interdisciplinary collaboration between academia, industry, and regulatory agencies to drive innovation and address unmet medical needs.

Potential applications of genetic production techniques beyond pharmaceuticals, including bioremediation, agriculture, and sustainable bio-manufacturing.

Conclusion: The industrial expert talk by Dr. Nitin Ambhore on pharmaceutical genetic production development provided attendees with a comprehensive understanding of the principles, challenges, and opportunities associated with genetic engineering techniques in pharmaceutical manufacturing. By fostering collaboration and knowledge exchange, the talk aimed to accelerate the development and commercialization of novel biopharmaceutical products, ultimately benefiting patients and healthcare systems worldwide.


Registration / Google Form Link:-

https://docs.google.com/forms/d/e/1FAIpQLScg5Ep0KEpF31svQIfgmPnqGzCnLzlgewl5Xh5NLR9YudIeHA/viewform?usp=sf_link

Zoom Meeting / U Tube Link:-<https://youtu.be/XCa4QQwyRdA>

Meeting ID:-




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Dist. Bhandara

Report on One day Student Development Programme on ‘Role of Quality Control and Downstream Process in Pharmaceutical Industry’.

Name of Organizing Department / Committee: Microbiology Department

Name of Activity: Industry Expert Talk

Date of Activity: 26-07-2020

Place of Activity: Online Zoom Platform

Name of Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Mr. Sandip Chaudhari, R & D Manager, Shirdi Sai Neutraceutical Pvt. Ltd., Bangalore.

Title of Activity:-Industry Expert Talk on “Role of Quality Control and Downstream Process in Pharmaceutical Industry”.

Number of Participants: 460

Name of Teacher In-charge / Convener: Dr. Rakesh U. Thakare, Assistant Professor & Head, Department of Microbiology, Yashwantrao Chawhan College Lakhandur.

Names of Other Committee Members / Staff: Dr. Rakesh P. Wasnik, Dr. Virendra B. Turkar, (IQAC Members).

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The industrial expert talk on the "Role of Quality Control and Downstream Process in the Pharmaceutical Industry" was held on 26-07-2020 at Online Zoom Platform. The talk aimed to provide participants with insights into the critical role of quality control measures and downstream processes in ensuring product quality, safety, and compliance within the pharmaceutical sector.

Speaker Profile:

The talk was delivered by Mr. Sandip Chaudhari, a seasoned professional with more than ten years of experience in the pharmaceutical industry. The speaker's expertise in quality control, downstream processes, and regulatory compliance provided valuable insights into industry best practices and challenges.

Key Topics Covered:

Quality Control in Pharmaceutical Manufacturing:

Overview of quality control processes and their significance in pharmaceutical manufacturing.

Importance of quality assurance systems, including Good Manufacturing Practices (GMP), in ensuring product quality and compliance with regulatory standards.

Role of quality control testing, including chemical analysis, microbiological testing, and stability studies, in verifying the safety, efficacy, and stability of pharmaceutical products.

Downstream Processes:

Explanation of downstream processes in pharmaceutical manufacturing, including purification, filtration, and formulation.

Discussion on the importance of downstream processing in removing impurities, isolating desired products, and optimizing product purity and yield.

Overview of commonly used downstream techniques such as chromatography, filtration, and drying methods.

Regulatory Compliance:

Insight into regulatory requirements governing quality control and downstream processes in the pharmaceutical industry, including regulations set forth by regulatory bodies such as the FDA (Food and Drug Administration) and EMA (European Medicines Agency).

Discussion on the role of quality management systems (QMS) and documentation practices in ensuring regulatory compliance and product quality.

Challenges and Best Practices:

Identification of common challenges faced in quality control and downstream processes, such as variability in raw materials, process scalability, and regulatory complexities.

Presentation of best practices and strategies for overcoming challenges, including process optimization, risk mitigation, and continuous improvement initiatives.

Key Takeaways:

Enhanced understanding of the importance of quality control measures and downstream processes in pharmaceutical manufacturing.

Insights into regulatory compliance requirements and best practices for maintaining product quality and safety.

Practical knowledge of quality control testing methods and downstream processing techniques used in the pharmaceutical industry.

Awareness of common challenges and strategies for overcoming them in quality control and downstream processes.

Conclusion: The industrial expert talk on the role of quality control and downstream process in the pharmaceutical industry provided participants with valuable insights into key aspects of pharmaceutical manufacturing, quality assurance, and regulatory compliance. The talk facilitated a deeper understanding of the critical role played by quality control measures and downstream processes in ensuring product quality, safety, and regulatory compliance within the pharmaceutical sector.

Recommendations: Based on the success of this expert talk, it is recommended to organize similar events periodically, covering various aspects of pharmaceutical manufacturing, quality assurance, and regulatory compliance. Additionally, incorporating interactive

sessions, case studies, and practical demonstrations can further enhance participant engagement and learning outcomes.

Registration Link:-

Zoom Meeting / U Tube Link:- <https://youtu.be/W9fcel7eKMo>


Meeting ID:-

Telegram Group Link:-

Activity with Newspaper Coverage if any: Nil

Screenshots of Events &Flyer:-




Principal
Y. C. College, Lakhandur
Dist, Bhandara

Report on Three days online workshop was organized on “Developing Skills for Shaping Career in Industrial Sector”.

Name of Organizing Department / Committee: Microbiology Department & IQAC.

Name of Activity: Three Days Online Workshop on "Developing Skills for Shaping Career in Industrial Sector".

Date of Activity: 28-06-2020 to 30-06-2020

Place of Activity:- Online Zoom Platform

Name of Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Mr. Sachin Sontakke, Mr. Vivek Khalokar.

Title of Activity: Online Workshop on "Developing Skills for Shaping Career in Industrial Sector".

Assertive Communication and Leadership An informative talk on Assertive Communication and Leadership By Mr. Sachin Sontakke.

Apiculture-Farmer's Friend by Mr. Vivek Khalokar.

Number of Participants: 535

Name of Teacher In-charge / Convener: Dr. Rakesh U. Thakare, Assistant Professor & Head, Department of Microbiology, Yashwantrao Chawhan College Lakhandur.

Names of Other Committee Members / Staff: Dr. Rakesh P. Wasnik, Dr. Virendra B. Turkar, (IQAC Members).

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The online workshop titled "Developing Skills for Shaping Careers in the Industrial Sector" was conducted on 28th to 30th June, 2020 by Microbiology Department & IQAC of Yashwantrao Chawhan College Lakhandur in association with Arts & Science College Pulgaon. The workshop aimed to equip participants with the necessary skills and knowledge to excel in the industrial sector, which is essential for career advancement and growth in today's competitive landscape.

Objective:

The primary objective of the workshop was to provide participants with insights into the industrial sector's demands and equip them with the skills needed to succeed in various roles within this domain. Additionally, the workshop aimed to facilitate networking opportunities and foster collaborations among participants and industry experts.

Content Overview:

Understanding the Industrial Sector: The workshop commenced with an overview of the industrial sector, including its scope, challenges, and opportunities. Participants gained insights into key trends, technologies, and market dynamics shaping the industry.

Essential Skills for Success: Presentations and interactive sessions focused on identifying and developing essential skills required in the industrial sector. Topics covered included technical proficiency, project management, problem-solving, communication, and leadership skills.

Industry Insights: Seasoned professionals and experts shared their experiences and provided valuable insights into various industrial domains, including manufacturing, engineering, supply chain management, and logistics. Participants gained a deeper understanding of industry-specific challenges and best practices.

Career Development Strategies: The workshop provided practical guidance on crafting effective resumes, enhancing interview skills, and leveraging professional networks to advance career prospects in the industrial sector. Participants learned strategies for career planning, skill enhancement, and continuous learning.

Case Studies and Workshops: Real-world case studies and hands-on workshops allowed participants to apply theoretical concepts to practical scenarios. Through group activities and discussions, participants collaborated to solve industry-related challenges and enhance their problem-solving abilities.

Key Takeaways:

Enhanced understanding of the industrial sector's dynamics, trends, and challenges.

Acquisition of essential skills such as technical proficiency, project management, and communication.

Insights into career development strategies and pathways within the industrial sector.

Networking opportunities with industry experts and peers.

Practical application of theoretical knowledge through case studies and workshops.

Conclusion: The online workshop on developing skills for shaping careers in the industrial sector provided participants with valuable insights, practical knowledge, and networking opportunities essential for career advancement in this dynamic field. By focusing on essential skills, industry insights, and career development strategies, the workshop equipped participants with the tools needed to succeed in various roles within the industrial sector.

Recommendations: Based on the success of this workshop, it is recommended to organize similar events regularly, covering diverse topics and catering to different skill levels within the industrial sector. Additionally, incorporating more interactive sessions, case studies, and workshops can further enhance participant engagement and learning outcomes.

RegistrationLink / Google Form Link :-

https://docs.google.com/forms/d/e/1FAIpQLSeIVcmQBkN7kOLjGLTrTOIFYbTb3EStrmoMw3LuyBgHe8X9mA/viewform?usp=sf_link


Zoom Meeting / U Tube Link:-<https://youtu.be/EnQyva-kuKM>
<https://youtu.be/Fy5j5bcIEO4>

Meeting ID:-

Activity with Newspaper Coverage if any: Nil

Screenshots of Events &Flyer:-




Principal
Y. C. College, Lakhandur
Dist, Bhandara

Reports on Activities undertaken for Guidance for Competitive Examinations & Career Counselling of Students during Session-2021-2022

Report on One Days State Level Online Webinar on "Good Manufacturing Practices (GMP)" on dated 19-09-2021.

Name of Organizing Department / Committee: IQAC, and Microbiology Department

Name / Title of Activity: One Days State Level Online Webinar on "Good Manufacturing Practices (GMP)"

Date of Activity: 19-09-2021

Place / Venue of Activity: Online Zoom Platform, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Platform: Online Webinar

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any):- Jointly Organized by Internal Quality Assurance Cell & Department of Microbiology of Yashwantrao Chawhan ACS College Lakhandur, Dist-Bhandara; Arts & Science College Pulgaon-Nachangaon.

Number of Participants: 450

Name of Teacher In-charge / Convener: Dr. Rakesh U. Thakare, Assistant Professor & Head, Department of Microbiology, Yashwantrao Chawhan College Lakhandur.

Names of Other Committee Members / Staff: Dr. Rakesh P. Wasnik, Dr. Virendra B. Turkar, (IQAC Members), Prof. Ashok Y. Dawande, Dr. Yogesh Banginwar (Arts & Science College Pulgaon).

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The One Days State Level Online Webinar on "Good Manufacturing Practices (GMP)" was conducted on Sep 19, 2021, at the Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara, on Zoom Platform. The purpose of the webinar was to educate participants on the importance of GMP in the pharmaceutical and biotechnology industries, highlighting best practices, regulatory requirements, and the latest trends to ensure product quality and safety.

Seminar Highlights:

Opening Remarks:

Dr. Rakesh Thakare inaugurated the seminar by underscoring the critical role of GMP in maintaining the integrity, quality, and safety of pharmaceutical products. She outlined the

seminar's goals: to provide a comprehensive understanding of GMP, discuss its implementation, and share insights on navigating regulatory landscapes.

Session 1: Introduction to Good Manufacturing Practices

Speaker provided an overview of GMP, covering:

Definition and History: Understanding the origins and evolution of GMP in the pharmaceutical industry.

Key Principles: The fundamental principles of GMP, including hygiene, controlled processes, documentation, and quality control.

Importance of GMP: The role of GMP in ensuring product consistency, preventing contamination, and protecting consumer health.

Speaker also highlighted the global significance of GMP and its adoption by regulatory authorities worldwide.

Session 2: Implementing GMP in Manufacturing Processes

Speaker focused on the practical aspects of implementing GMP in manufacturing processes.

Key points included:

Facility Design and Maintenance: Ensuring that facilities are designed and maintained to support GMP compliance, including considerations for layout, cleanliness, and equipment maintenance.

Standard Operating Procedures (SOPs): Developing and adhering to SOPs to ensure consistent and controlled manufacturing processes.

Training and Personnel: The importance of training staff on GMP principles and maintaining a culture of quality and compliance.

Speaker shared case studies of successful GMP implementation and common challenges faced by manufacturers.

Session 3: Quality Assurance and Control

Speaker delved into the role of quality assurance (QA) and quality control (QC) in GMP. Topics covered included:

QA vs. QC: Understanding the difference between quality assurance and quality control and their respective roles in GMP.

Inspection and Testing: Procedures for inspecting and testing raw materials, in-process materials, and finished products to ensure they meet quality standards.

Documentation and Record-Keeping: Maintaining thorough and accurate documentation to provide evidence of GMP compliance and traceability.

Speaker provided examples of QA and QC practices that have been effective in maintaining high standards of product quality.

Session 4: Regulatory Requirements and Compliance

Speaker discussed the regulatory aspects of GMP and strategies for ensuring compliance.

Key topics included:

Regulatory Bodies and Guidelines: An overview of major regulatory bodies such as the FDA, EMA, and WHO, and their GMP guidelines.

Inspection and Audits: Preparing for and managing regulatory inspections and audits, including tips for demonstrating compliance.

Handling Non-Compliance: Strategies for addressing non-compliance issues, including root cause analysis, corrective actions, and preventive measures.

Speaker also emphasized the importance of staying updated with evolving regulations and participating in industry forums and training.

Panel Discussion:

The seminar concluded with a panel discussion where the speakers answered questions from the audience.

Key topics included:

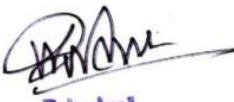
Technological Advances: The impact of new technologies on GMP and how they can be integrated into existing practices.

Global Harmonization: Efforts to harmonize GMP standards across different countries and regions.

Future Trends: Emerging trends in GMP, such as the use of data analytics and automation in quality management.

Conclusion: The webinar provided a thorough understanding of Good Manufacturing Practices and their critical importance in the pharmaceutical and biotechnology industries. The combination of expert presentations, practical insights, and interactive discussions ensured that participants left with actionable knowledge to enhance their GMP compliance efforts. Feedback from participants indicated a high level of satisfaction with the seminar content and organization.




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Report on Online National Level Workshop on "Grassroots Innovation and Entrepreneurship" on dated 02-10-2022.

Name of Organizing Department / Committee: IQAC, and Department of Microbiology,

Name / Title of Activity: Online National Level Workshop on "Grassroots Innovation and Entrepreneurship"

Date of Activity: 02-10-2021.

Place / Venue of Activity: Online Zoom Platform, Department of English, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Jointly Organized by Internal Quality Assurance Cell & Department of Microbiology of Yashwantrao Chawhan ACS College Lakhandur, Dist-Bhandara; Arts & Science College Pulgaon-Nachangaon.

Number of Participants: 550

Name of Teacher In-charge / Convener: Dr. Rakesh Thakare, (Dept. of Microbiology),

Names of Other Committee Members / Staff: Dr. Rakesh P. Wasnik, Dr. Rakesh V. Talmale, Dr. Virendra B. Turkar. (IQAC Members).

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The workshop on "Grassroots Innovation and Entrepreneurship" was held on Oct, 2nd, 2021, at the Department of English, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara, on Zoom Platform. The event aimed to inspire and equip participants with the skills and knowledge to foster innovation and entrepreneurship at the grassroots level. The workshop focused on identifying community needs, developing innovative solutions, and building sustainable business models.

Workshop Highlights:

Opening Remarks:

Dr. RakeshThakre inaugurated the workshop by emphasizing the importance of grassroots innovation and entrepreneurship in driving local economic development and addressing community-specific challenges. She outlined the workshop's objectives: to inspire innovative thinking, provide practical tools for entrepreneurship, and encourage collaboration among participants.

Session 1: Understanding Grassroots Innovation

Speaker led the first session, focusing on the concept and importance of grassroots innovation.

Key points included:

Definition and Characteristics: Understanding grassroots innovation as bottom-up, community-driven solutions to local problems.

Importance: The role of grassroots innovation in promoting sustainable development and empowering communities.

Examples: Case studies of successful grassroots innovations, such as community-led renewable energy projects and local agricultural innovations.

Speaker encouraged participants to think about unique challenges in their own communities that could be addressed through innovative solutions.

Session 2: Identifying Community Needs

Speaker conducted a session on identifying community needs and opportunities for innovation.

Topics covered included:

Needs Assessment: Techniques for conducting needs assessments, including surveys, focus groups, and community meetings.

Stakeholder Engagement: The importance of engaging with local stakeholders to gather diverse perspectives and build support.

Mapping Resources: Identifying existing resources and assets within the community that can be leveraged for innovation.

Participants engaged in group exercises to practice needs assessment and stakeholder mapping, using real-world scenarios.

Session 3: Developing Innovative Solutions

Speaker shared his experience as a social entrepreneur, guiding participants through the process of developing innovative solutions.

Key aspects included:

Ideation Techniques: Methods for generating innovative ideas, such as brainstorming, mind mapping, and design thinking.

Prototyping and Testing: Creating prototypes of innovative solutions and testing them with community members for feedback and improvement.

Scaling Solutions: Strategies for scaling successful innovations to benefit a larger audience or address broader issues.

Speaker led an interactive session where participants developed and presented their own innovative ideas based on identified community needs.

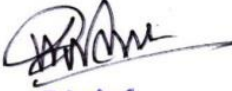
Interactive Exercise: Pitching Innovations

The workshop concluded with a pitching session where participants presented their innovative solutions and business models to the facilitators and fellow participants. This exercise provided practical experience in pitching ideas and receiving constructive feedback.

Q&A Session: A Q&A session followed, where participants asked questions about specific challenges they faced in their innovation and entrepreneurship journeys. Facilitators provided personalized advice and shared additional resources for further learning and development.

Conclusion: The workshop successfully inspired and equipped participants with the knowledge and skills needed to drive grassroots innovation and entrepreneurship. The combination of theoretical insights, practical exercises, and real-world examples ensured that attendees could apply what they learned to their own community contexts. Feedback from participants indicated a high level of satisfaction with the workshop content and interactive format.




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Report on One Days State Level Online Webinar on "Role Life Science in Medical Coding" on dated 10-10-2022.

Name of Organizing Department / Committee: IQAC, and Microbiology Department

Name / Title of Activity: One Days State Level Online Webinar on "Role of Life Science in Medical Coding"

Date of Activity: 10-10-2021

Place / Venue of Activity: Online Zoom Platform, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Platform: Online Webinar

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any):- Jointly Organized by Internal Quality Assurance Cell & Department of Microbiology of Yashwantrao Chawhan ACS College Lakhandur, Dist-Bhandara; Arts & Science College Pulgaon-Nachangaon.

Number of Participants: 600

Name of Teacher In-charge / Convener: Dr. Rakesh U. Thakare, Assistant Professor & Head, Department of Microbiology, Yashwantrao Chawhan College Lakhandur.

Names of Other Committee Members / Staff: Dr. Rakesh P. Wasnik, Dr. Virendra B. Turkar, (IQAC Members), Prof. Ashok Y. Dawande, Dr. Yogesh Banginwar (Arts & Science College Pulgaon).

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The One Days State Level Online Webinar on "Role of Life Science in Medical Coding" was conducted on Oct 10, 2021, at the Department of Microbiology, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara, on Zoom Platform. The objective of the seminar was to explore the integral role that life sciences play in medical coding, emphasizing the importance of a strong foundation in biological sciences for accurate and effective medical coding practices.

Seminar Highlights:

Opening Remarks:

Dr. Rakesh Thakare opened the seminar by highlighting the critical intersection between life sciences and medical coding. She emphasized how a deep understanding of biological sciences enhances the accuracy of medical coding, ensuring precise documentation and facilitating effective healthcare delivery.

Session 1: Overview of Medical Coding

Speaker provided an overview of medical coding, covering:

Definition and Purpose: Understanding what medical coding is and its importance in the healthcare system.

Coding Systems: An introduction to different coding systems, such as ICD-10, CPT, and HCPCS.

Role in Healthcare: How accurate coding impacts billing, insurance claims, patient records, and overall healthcare management.

Speaker stressed the importance of accuracy and attention to detail in medical coding to avoid errors that could affect patient care and reimbursement.

Session 2: Importance of Life Sciences Knowledge

Speaker discussed the significance of life sciences knowledge in medical coding.

Key points included:

Anatomy and Physiology: The necessity of understanding human anatomy and physiology to accurately code medical procedures and diagnoses.

Pathophysiology: Insight into disease processes and how this knowledge aids in selecting the correct codes.

Medical Terminology: The importance of being well-versed in medical terminology to understand clinical documentation and translate it into codes accurately.

Speaker provided examples of how life sciences knowledge directly impacts coding accuracy and efficiency.

Session 3: Clinical Documentation and Coding Accuracy

Speaker focused on the relationship between clinical documentation and medical coding.

Topics covered included:

Documentation Standards: Ensuring that clinical documentation meets the required standards for accurate coding.

Common Documentation Errors: Identifying and addressing common errors in clinical documentation that can lead to coding inaccuracies.

Collaboration with Healthcare Providers: The importance of coders working closely with healthcare providers to clarify documentation and ensure correct coding.

Speaker shared strategies for improving the quality of clinical documentation and its impact on coding accuracy.

Session 4: Case Studies and Practical Applications

Speaker presented case studies to illustrate the practical application of life sciences knowledge in medical coding.

Key aspects included:

Real-World Scenarios: Detailed examination of real-world medical cases and their coding requirements.

Coding Challenges: Common challenges faced by medical coders and how a strong foundation in life sciences helps overcome these challenges.

Problem-Solving: Techniques for resolving complex coding issues using clinical and scientific knowledge.

Speaker engaged the audience in interactive exercises to apply their knowledge to sample cases.

Panel Discussion:

The seminar concluded with a panel discussion where the speakers answered questions from the audience.

Key topics included:


Continuing Education: The importance of ongoing education in life sciences for medical coders to keep up with advancements in medical science and coding regulations.

Technology in Coding: The impact of technology and electronic health records (EHRs) on medical coding practices.

Career Opportunities: Exploring career paths for individuals with a background in life sciences and medical coding.

Conclusion: The webinar provided valuable insights into the critical role of life sciences in medical coding, highlighting the importance of a solid foundation in biological sciences for accuracy and efficiency in coding practices. Participants left with a deeper understanding of how their knowledge of life sciences directly impacts the quality of healthcare documentation and patient care.




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Report on National Webinar on "Career Guidance and Job Opportunities in Microbiology & Biotechnology" on dated 22-05-2022.

Name of Organizing Department / Committee: IQAC, and Department of Microbiology.

Name / Title of Activity: National Webinar on "Career Guidance and Job Opportunities in Microbiology & Biotechnology".

Date of Activity: 22-05-2022

Place / Venue of Activity: On Zoom Platform, Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of the Agency involved/ Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Jointly Organized by Department of Microbiology of Yashwantrao Chawhan College Lakhandur, Dist-Bhandara; G. K. Mahila Mahavidyalaya Kawarabandh, Dist.- Gondia.

Number of Participants: 400

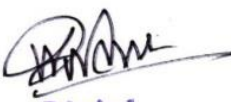
Name of Teacher In-charge / Convener: Dr. Rakesh U. Thakare, (Dept. of Microbiology),

Names of other Committee Members / Staff: Dr. Rakesh P. Wasnik, Dr. Virendra B. Turkar, (IQAC Members).

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: The National Webinar on "Career Guidance and Job Opportunities in Microbiology & Biotechnology" was held on May 22nd 2022, at Yashwantrao Chawhan College Lakhandur on Zoom Online Platform. The event aimed to provide students and professionals with insights into the evolving landscape of careers in microbiology and biotechnology, covering current job trends, essential skills, and future opportunities in these dynamic fields.

Conclusion: The webinar provided valuable insights into the career paths available in microbiology and biotechnology, equipping attendees with the knowledge to navigate their future careers successfully. Feedback from participants indicated a high level of satisfaction with the information and guidance provided.




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Dist, Bhandara

Reports on Activities undertaken for Guidance for Competitive Examinations & Career Counselling of Students during Session-2022-2023

Report on One Day Placement workshop

Name of Organizing Department / Committee: IQAC & All the Departments.

Name of Activity: Student Counselling

Date of Activity: 28-01-2023

Place of Activity: Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Name of Guest Speaker/s or Judge/s or Chief Guest/s (If Any): Institute level in association with India Placement HR Services, Pune.

Number of Participants: 40

Name of Teacher In charge / Convener: Organized by IQAC, and all the Departments of Yashwantrao Chawhan College Lakhandur, Dist. Bhandara.

Names of Other Committee Members / Staff: All the Teaching Non-Teaching Staff.

Outcome of the Activity with respect to Mission & Vision of the Institute and or Academics: College life brings about a myriad of challenges for students, ranging from academic stress to personal and emotional struggles. Counselling services provided by our faculty members play a crucial role in supporting students through these difficulties, aiding in their personal development and academic success.

Conclusion: College student counselling services play a vital role in supporting the mental health and well-being of students, but they face numerous challenges in meeting the diverse needs of a growing student population. By addressing these challenges and seizing opportunities for improvement, institution can enhance the effectiveness and accessibility of counselling services, ultimately fostering a healthier and more supportive campus environment.



Student Career Counselling and Placement Cell conducted a Placement workshop in association with India Placement HR Services, Pune on 28/01/2023 in Yashwantrao Chawhan Arts Commerce & Science College, Lakhandur Dist. Bhandara



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