



SHIKSHAN PRASARAK SANSTHA's
Sangamner Nagarpalika Arts, D. J. Malpani Commerce and B N Sarda Science College
(Autonomous), Sangamner

Feedback on Curriculum, Analysis and Action Taken Report
2020-21

The Feedback Committee of the institution designs and collects feedback from its stakeholders to monitor and evaluate its performance quality on curriculum and curriculum related issues.

The feedback forms (online) were collected from following stakeholders:

- students,
- teachers,
- employers and
- alumni

The feedback targets following aspects of curriculum for different stakeholders.

Students and Alumni

- a. Adequacy of syllabus content
- b. Inclusion of learning values such as skills, concepts, knowledge, analytical abilities and insightful learning.
- c. Suitability for employment
- d. Promotion of critical thinking
- e. Promotion of experiential learning/ hands-on training
- f. Topics that can be modified, deleted, added or covered in less/more details.

Teachers:

- a. Relevance with the requirements of the learner
- b. Conformity of the contents with the difficulty level.
- c. Conformity with learning outcomes.
- d. Appropriateness in bridging the gap between theory and practical.
- e. Suitability of evaluation methods for proper assessment
- f. Relevance with competitive exams.
- g. Appropriateness of curriculum development process.
- h. Modification suggested in the curriculum.

Employer:

- a. Usefulness in terms of knowledge & concepts
- b. Competencies of the employee in using technology and work place equipment.



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- c. Relevance to the requirements of the industry or other employment.
- d. Relevance of experiments/projects to the real-life applications.
- e. Suggested inclusion in the curriculum

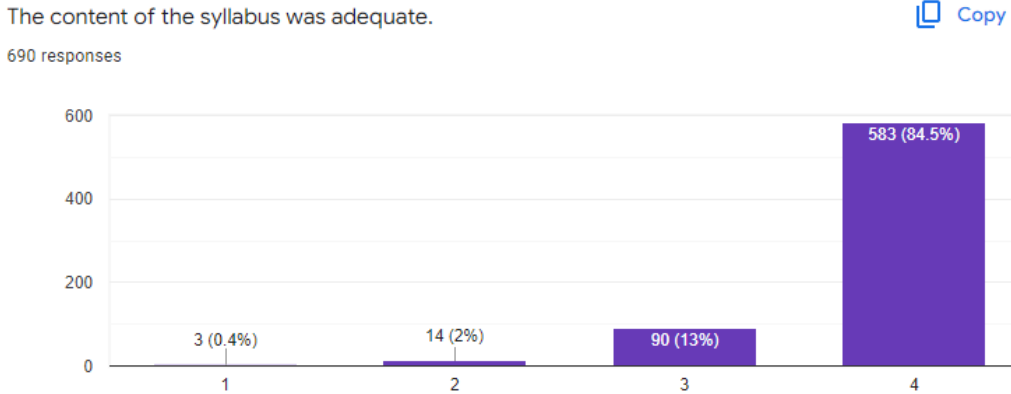
The analysis of the feedback hence collected is communicated to the concerned Board of Studies.



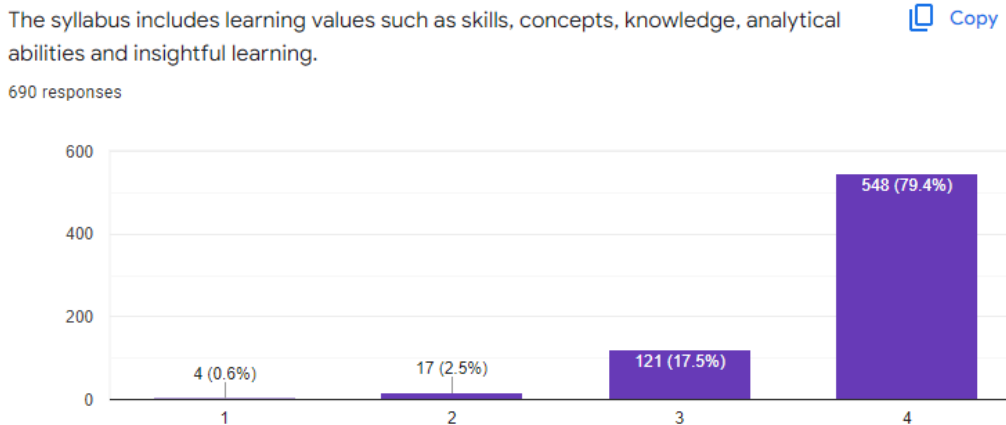
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ANALYSIS OF FEEDBACK FROM STUDENTS

1. Around 97% students agree that the content of the syllabus was adequate.



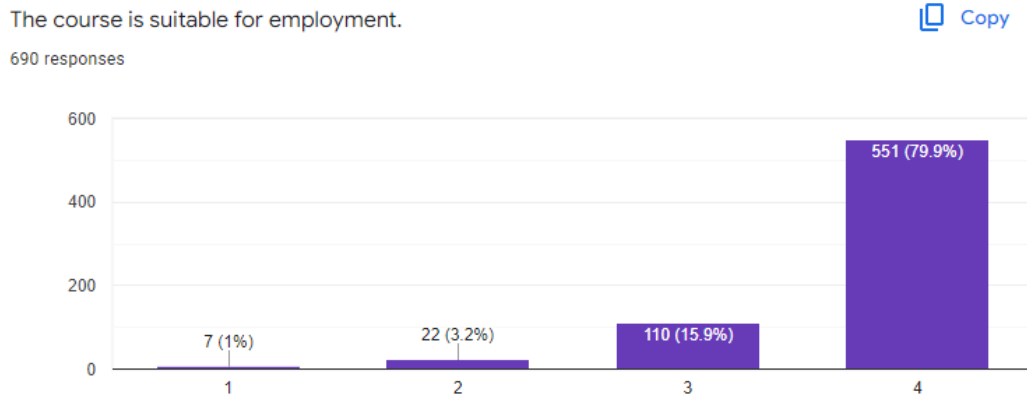
2. Around 97% students agree that the syllabi includes learning values such as skills, concepts, knowledge etc.



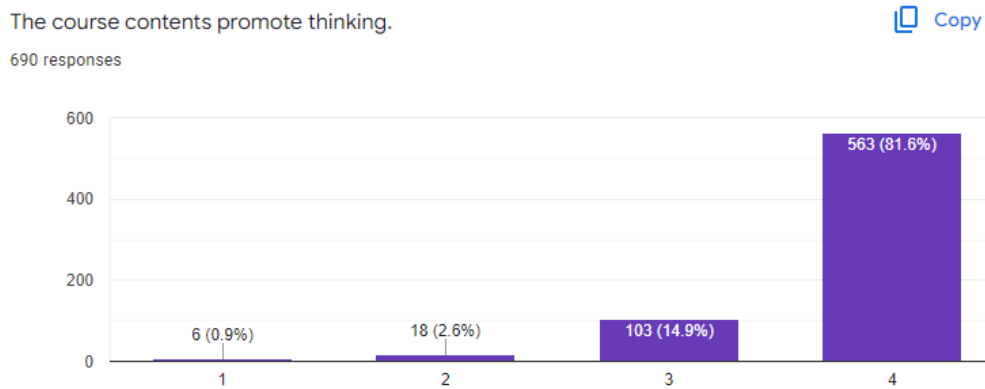


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3. Around 95% students agree that the courses are suitable for employment.



4. Around 96% students agree that the contents of the courses promote thinking.





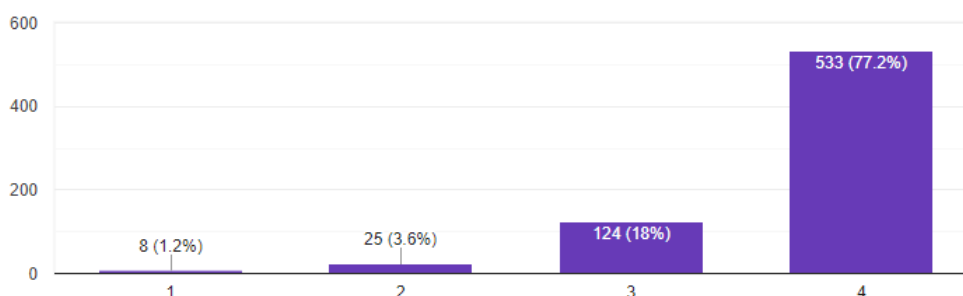
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5. Around 96% students agree that the curriculum accommodates courses with experiential learning.

The curriculum accommodates courses with experiential learning/ hands-on training. [Copy](#)

690 responses



ACTION TAKEN

Feedback from Students:

Sr. No.	Feedback	Action Taken	Impact
1.	Students suggested that following topics can be improved for better understanding: Chemistry: Gas chromatography, Spectroscopy, Ionic solid, Chemistry in pharmaceutical Important polymer, Spectrometry, Nuclear Chemistry, Rearrangement Reaction, Chemistry of d and f-Block Elements, Agrochemicals, Crystallinity in polymers, NMR, Nuclear physics, Drug development, Multicomponent reactions, Photochemical reactions, Bioinorganic compounds, Drug chemistry, Stereo chemistry, Organometallic compounds, organometallic	Communicate to respective BoS	Necessary and Appropriate action initiated



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	<p>chemistry, Kinetics, Stoichiometry, Raman spectra Mathematics: Rank nullity theorem, Surface integrals of vector field, Calculus, Integration, Plane, Sphere, Mean value theorems Electronics: Audio amplifier, Class A&B amplifier, Python program, Op-amp as a voltage regulator, Digital Electronics, Logic circuits Statistics: Null hypothesis, T distribution Zoology: Phylum Arthropoda, Mollusca, , Mitochondria and peroxisome, Phylum Echinodermata, Animal interaction, Endomembrane system Physics: Superposition principle, Electrostatics, Lenses, Oscillation, Otto engine, PV diagram Botany: The study angiospermic and pterodophytic plants, Plant Growth regulators, Watson and Crick model of DNA English: Grammar</p>		
2.	<p>Additional topics suggested by students included: new microcontroller design, Bioinorganic chemistry ESR spectroscopy Pericyclic reactions Information of Ayurvedic plants from India, Marine Biology, Adventure tourism, Human Molecular Genetics</p>	<p>Communicate to respective BoS</p>	<p>Necessary and Appropriate action initiated</p>



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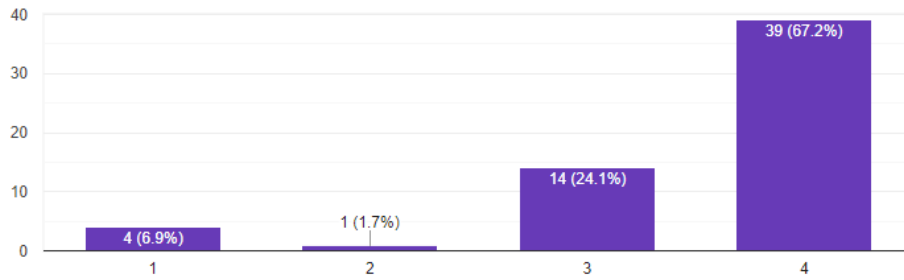
ANALYSIS OF FEEDBACK FROM EMPLOYERS

1. Around 91% employers agree that the courses are useful in terms of knowledge and concept.

The courses are useful in terms of knowledge & concepts. अभ्यासक्रम ज्ञान आणि संकल्पनांच्या दृष्टीने उपयुक्त आहेत.

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58 responses

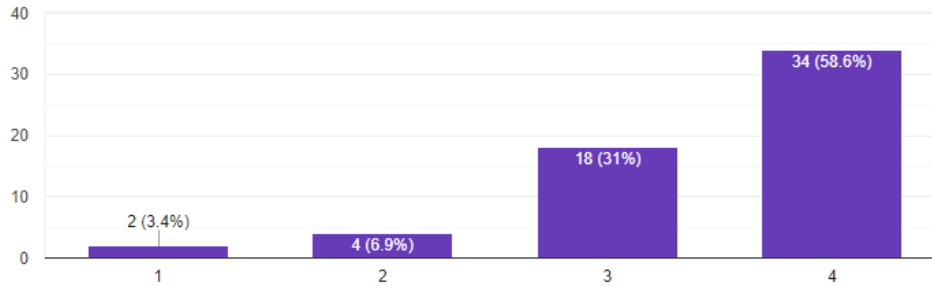


2. Around 90% employers agree that the courses are useful in terms of skills required.

The courses are useful in terms of skills required. अभ्यासक्रम आवश्यक कौशल्यांच्या दृष्टीने उपयुक्त आहेत.

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58 responses





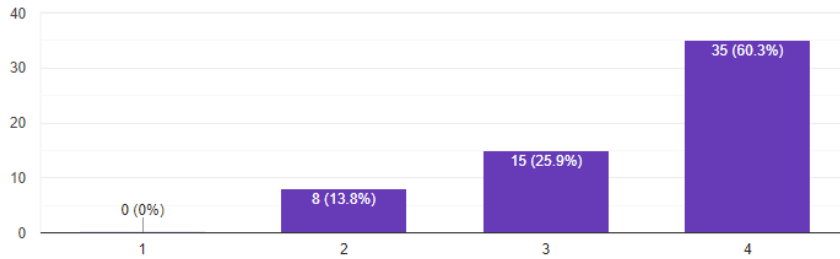
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3. Around 85% employers agree that the courses are relevant to the requirements of the industry.

The courses are relevant to the requirements of the industry or other employment.
अभ्यासक्रम उद्योग किंवा इतर रोजगाराच्या आवश्यकतांशी संबंधित आहेत.

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58 responses

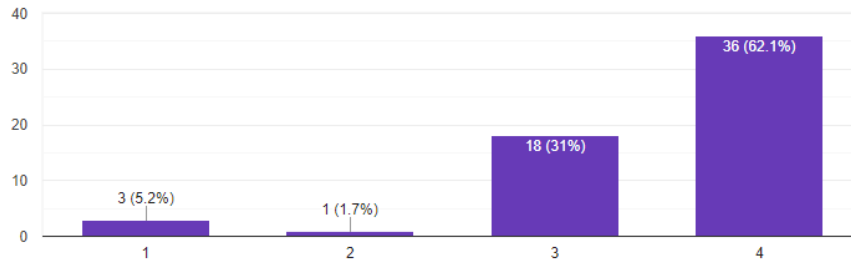


4. Around 93% employers agree that the courses strengthen the competencies of the employee in using technology and equipment.

The courses strengthen the competencies of the employee in using technology and work place equipment. अभ्यासक्रम तंत्रज्ञान आणि कामाच्या ठिकाणी वापरण्यात येणाऱ्या उपकरणे हाताळण्याची कर्मचाऱ्यांची क्षमता बळकट करणारा आहेत.

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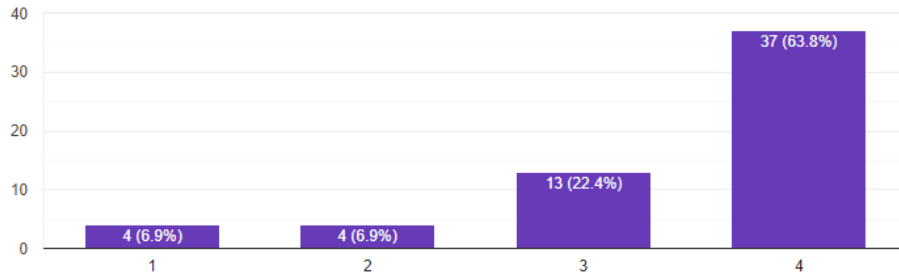
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5. Around 86% employers agree that the experiments/ projects are relevant to real life applications.

The experiments/projects are relevant to the real-life applications. (if applicable). प्रयोग/ प्रकल्प वास्तविक-जीवनाच्या अनुप्रयोगांशी संबंधित आहेत. (लागू असल्यास)

58 responses



ACTION TAKEN

Feedback from Employers:

Sr. No.	Feedback	Action Taken	Impact
1.	Industrial tour for students / awareness training of industrial activities	Communicated to all BoS	Appropriate action is under consideration post-covid.
2.	Good communication skill	Communicated to all BoS	Appropriate action is under consideration post-covid.
3.	Greater emphasis on Practicals and Hands on Training	Communicated to all BoS	Appropriate action taken with modification in curriculum.
4.	Inclusion of Arc GIS and QGIS	Communicated to BoS in Geography	Appropriate action taken with modification in curriculum.



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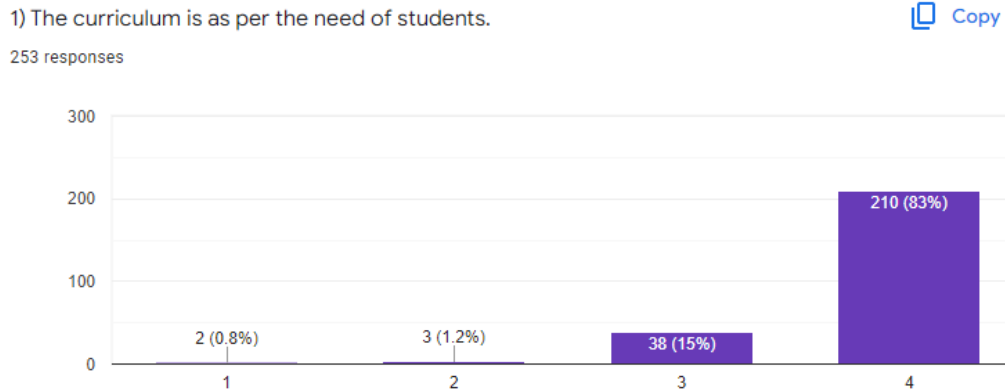
5.	Industrial safety and modern equipment handling.	Communicated to BoS of all Science departments	Appropriate action taken with modification in curriculum.
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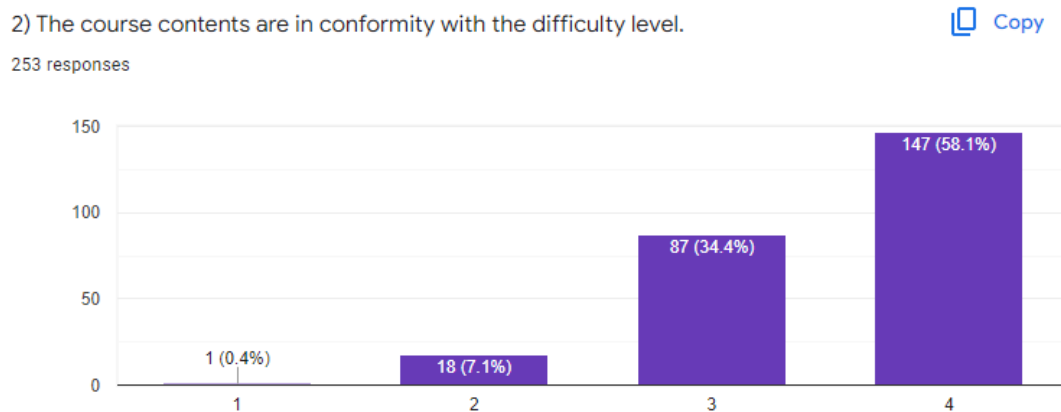
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ANALYSIS OF FEEDBACK FROM TEACHERS

1. Around 98% teachers agree that the curriculum is as per the need of students.



2. Around 93% teachers agree that the contents of the course are in conformity with the difficulty level.



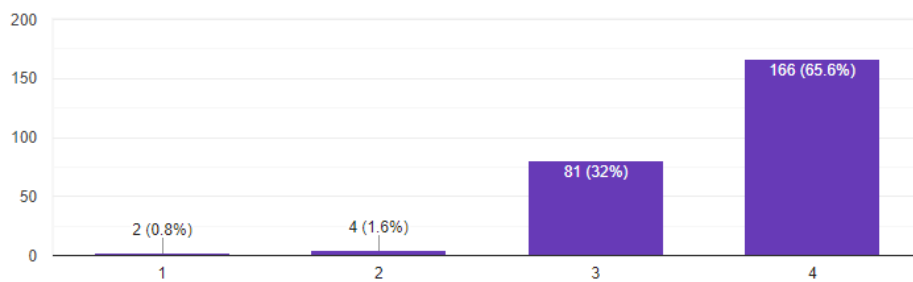


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3. Around 97% teachers agree that the courses are in conformity with the learning outcomes.

3) The contents of the course are in conformity with the learning outcomes. [Copy](#)
The contents of the course are in conformity with the learning outcomes.

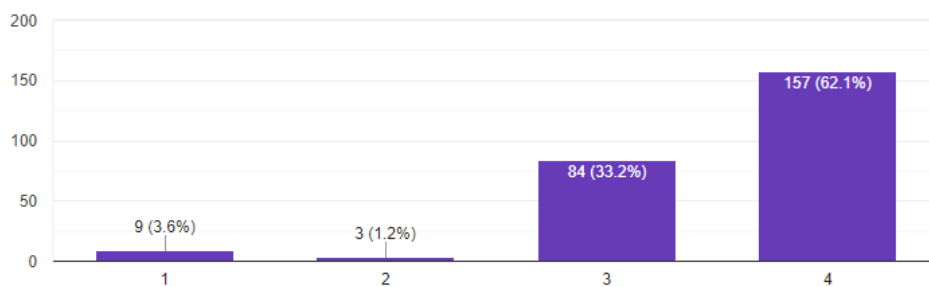
253 responses



4. Around 94% teachers agree that the syllabi are appropriate in terms of bridging the gap between theory and practical.

4) The design of the syllabus is appropriate in terms of bridging the gap between Theory and Practical. [Copy](#)

253 responses



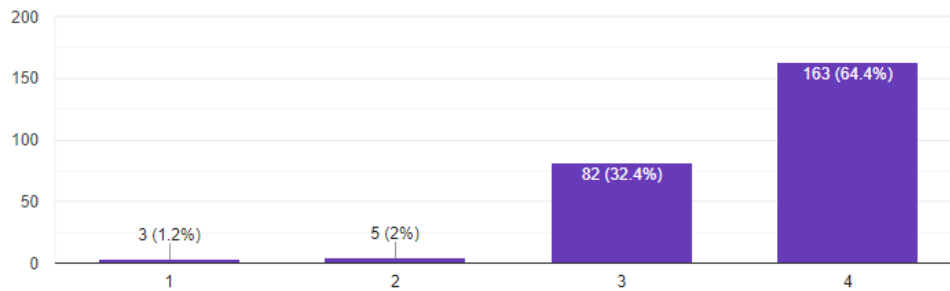


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5. Around 97% teachers agree that the evaluation methods are sufficient for proper assessment.

5) The evaluation methods/marketing schemes prescribed in the syllabus are sufficient for providing proper assessment. [Copy](#)

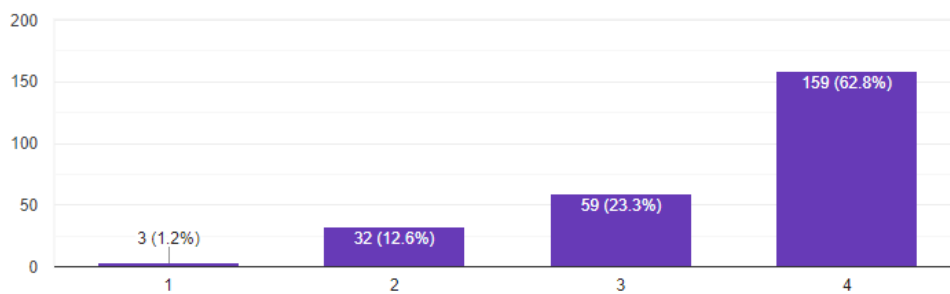
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6. Around 86% teachers agree that the syllabi are relevant with the competitive examinations.

6) The syllabus is relevant with the UGC NET/CSIR/ SET/GATE/ MPSC/UPSC/ PG-entrance and other competitive examinations. [Copy](#)

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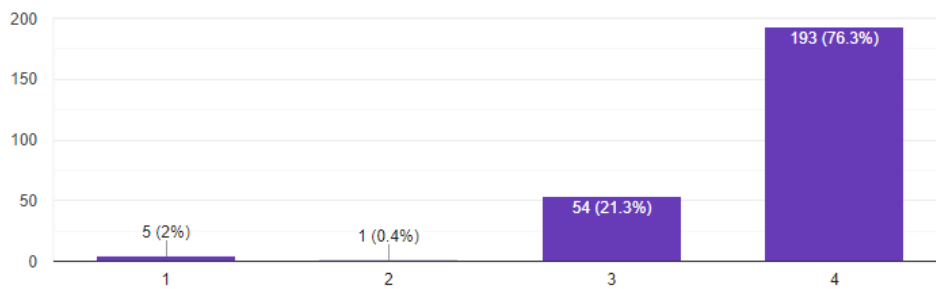
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7. Around 97% teachers agree that the curriculum development procedure is appropriate.

7) The curriculum development procedure is appropriate.



253 responses

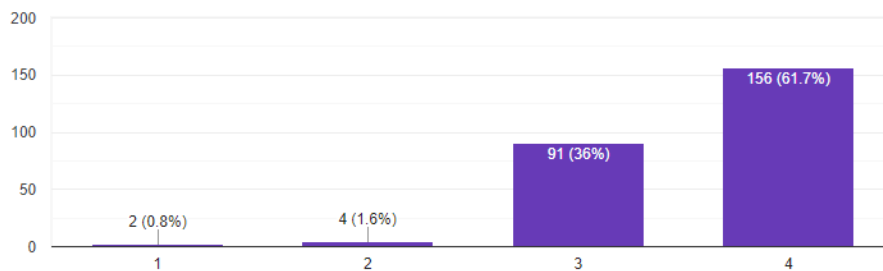


8. Around 97% teachers agree that the POs, PSOs and COs are well defined.

8) The course POs, PSOs and COs are well defined and the modules/chapters are structured accordingly.



253 responses



ACTION TAKEN

Feedback from Teachers:

Sr. No.	Feedback	Action Taken	Impact
1.	According to the feedback from the teachers, following topics can be added to the existing syllabi:	Communicate to respective BoS	Necessary and Appropriate action initiated



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<p>1. Inorganic Chemistry Paper Sem-IV- Introduction to Group Theory Inorganic and Organic Chemistry- Homogeneous and Heterogeneous Catalysis, Biochemistry, Chemistry of Heterocyclic Compounds, Epoxides Analog Circuit Design: Public address system Microcontrollers and python programming- Arduino Physical chemistry (F Y B.Sc.) - Thermodynamics Inorganic Chemistry (F. Y. B. Sc.) - periodic properties S. Y. B. Sc. (Physics- Mathematical methods) Applications of differentials equations and complex number in physical problems. Applications of wave motion and sound in medical field. Vector Differentials and vectors integral, Python programming (microcontroller and python programming) Calculations accessible micro and macro states. Maxwell velocity distribution law. Sanskrit Sahityacha parichay</p>		
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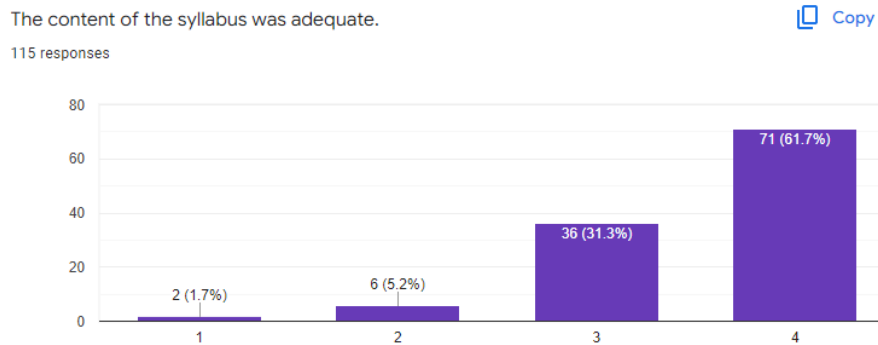
2.	Following topics may be deleted: Molecular Thermodynamics : obtaining energy, heat capacity, entropy and equilibrium constants from partition functions. Inorganic Chemistry SEM-III Isomerism In Coordination Complexes, Labile and Inert Complexes Inorganic and Organic Chemistry- SEM-III: Equilibrium constant, Aromatic hydrocarbons, Ethers SEM-IV: Isomerism in Coordination Complexes, Revision of Cartesian coordinate system, Basic terminology of differential equation Energy dissipation equation and power dissipations	Communicate to respective BoS	Necessary and Appropriate action initiated
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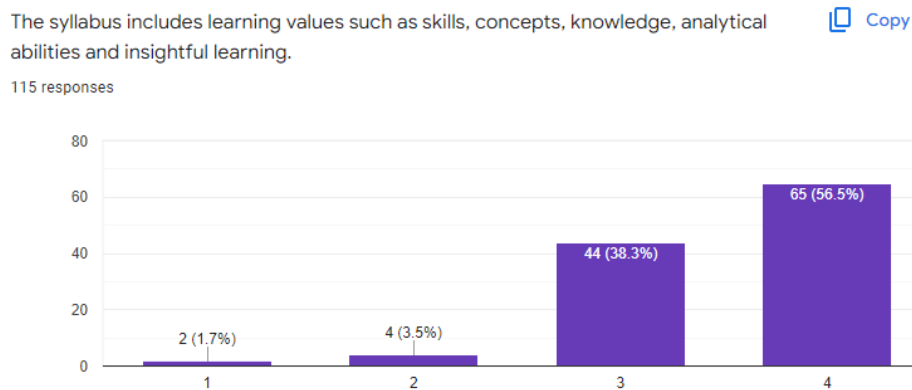
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ANALYSIS OF FEEDBACK FROM ALUMNI

1. Around 92% alumni agree that the content of the syllabus was adequate.



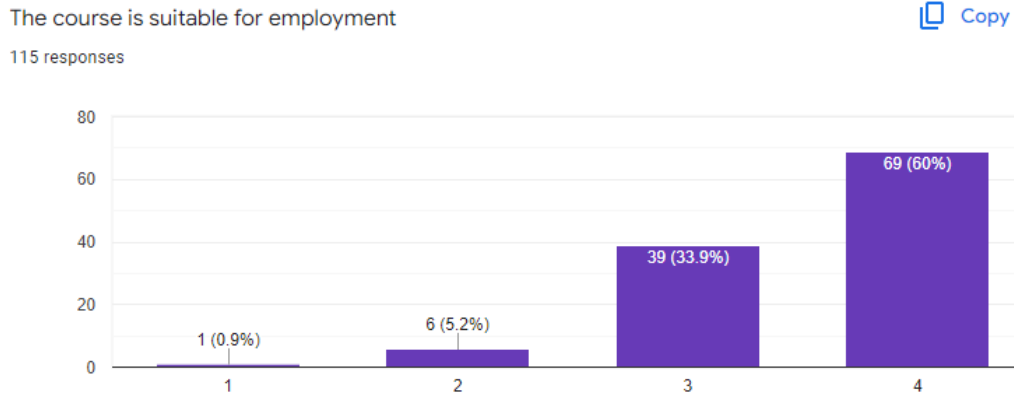
2. Around 95% alumni agree that the syllabi includes learning values such as skills, concepts, knowledge etc.



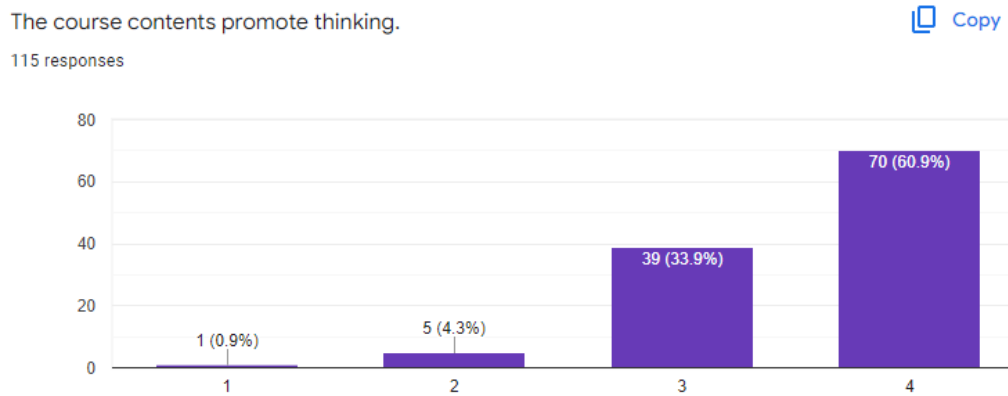


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3. Around 94% alumni agree that the courses are suitable for employment.



4. Around 95% alumni agree that the contents of the courses promote thinking.





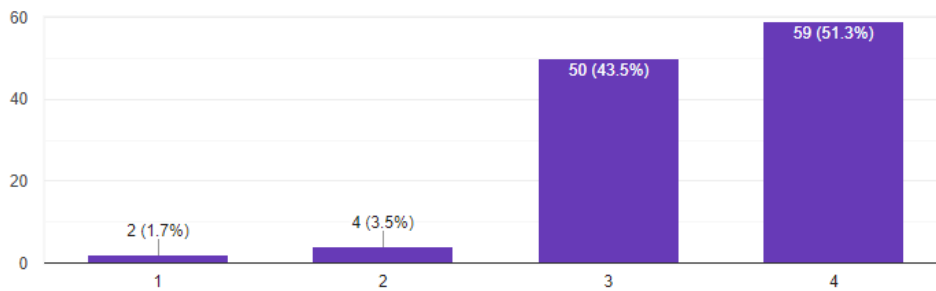
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5. Around 94% alumni agree that the curriculum accommodates courses with experiential learning.

The curriculum accommodates courses with experiential learning/ hands-on training [Copy](#)

115 responses



ACTION TAKEN

Feedback from Alumni:

Sr. No.	Feedback	Action Taken	Impact
1.	Some Alumni feel that following topics could be improved for better understanding: JDBC concepts, Servlet, Framework,etc. Javascript,web techniques,server information,html,etc. Theory about OS, multithreaded programming,etc. Color and shading models, clipping, 2d graphics. Security, problem solving, multiplexing techniques. Error handling, lexical analysis,etc. Multithreading	Communicate to respective BoS	Necessary and Appropriate action initiated



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2.	Some Alumni are of the opinion that topics related to Python, Arduino and Database connectivity should have more emphasis	Communicate to respective BoS	Necessary and Appropriate action initiated
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