GURUKULA KANGRI (DEEMED TO BE) UNIVERSITY

Haridwar, Uttarakhand

INTERNAL QUALITY ASSURANCE CELL (IQAC)

ALUMNI FEEDBACK ON CURRICULUM

COMPREHENSIVE ANALYSIS REPORT

Academic Year	**AY 2025-26 (July 2025 – June 26)**
Survey Period	20 Oct 2025 11:55:39 → 14 May 2026 12:02:43
Total Respondents	**174 Alumni**
Departments Covered	10 Departments
University Overall Score	**3.80 / 5.00 (Satisfactory)**
Report Generated	*10 June 2026 at 11:04:29 IST*
NAAC Reference	Criterion 1 — Curricular Aspects | Sub-Criteria 1.2, 1.3

1. EXECUTIVE SUMMARY

The Internal Quality Assurance Cell (IQAC) of Gurukula Kangri (Deemed to be) University, Haridwar, conducted a comprehensive Alumni Feedback Survey on Curriculum for AY 2025-26. A total of 174 alumni responses were collected across 10 academic departments.

The survey measured seven critical curriculum parameters on a five-point scale (Poor=1 to Excellent=5): Entrepreneurship Fostering, Career Orientation, Industry-Academia Gap Bridging, Communication Skills, Electives & Technological Advancements, Analytical Abilities, and Adequateness of Courses.

The university-wide average score stands at 3.80 out of 5.00 (Satisfactory), with significant variation across departments.

2. UNIVERSITY-LEVEL SCORE SUMMARY

2.1 Average Scores by Criterion

S.No	Parameter	Weighted Avg (/5)	Rating	Criterion Performance
1	Entrepreneurship	3.79	Satisfactory	*Adequate*
2	Career Orientation	3.81	Satisfactory	*Adequate*
3	Industry-Academia Gap	3.69	Satisfactory	*Adequate*
4	Communication Skills	3.87	Satisfactory	*Adequate*
5	Electives & Technology	3.74	Satisfactory	*Adequate*
6	Analytical Abilities	3.84	Satisfactory	*Adequate*
7	Adequateness of Courses	3.87	Satisfactory	*Adequate*

2.2 Cross-Departmental Score Comparison

Department	n	Entrep.	Career	Ind-Aca	Comm.	Elec.	Analyt.	Adeq.	Overall
Physical Education & Sports	72	3.94	4.15	3.92	4.03	3.97	4.01	4.15	4.02
English	23	4.22	4.39	4.17	4.52	4.26	4.30	4.35	4.32
Physics	4	4.00	4.50	4.25	4.50	4.25	4.50	4.50	4.36
Botany & Microbiology	34	3.56	3.29	3.35	3.41	3.32	3.41	3.44	3.40
Management Studies	11	4.09	3.91	4.00	4.00	3.82	4.00	4.09	3.99
Ancient Indian History, Culture & Archaeology	12	3.58	3.42	3.42	4.00	3.50	3.75	3.50	3.60
Yogic Sciences	4	4.25	4.00	3.50	4.00	3.50	3.75	3.50	3.79
Psychology	5	2.20	2.00	1.60	2.00	1.80	2.40	2.40	2.06
Mechanical Engineering	5	3.20	2.60	3.00	3.40	3.60	3.20	3.00	3.14
Hindi	1	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00

Color coding: Score ≥4.0 shown in green (Good), ≥3.5 in blue (Satisfactory), ≥3.0 in amber (Average), <3.0 in red (Needs Improvement)

3. DEPARTMENT-WISE ANALYSIS AND RECOMMENDATIONS

3.1 Physical Education & Sports

Programmes	MPEd, BPEd/BPES, DPEd	**Respondents**	**72 alumni**
Overall Score	**4.02 / 5.00**	**Rating**	**Good**

Parameter	Score (/5)	Assessment
Entrepreneurship	3.94	Satisfactory
Career Orientation	4.15	Good
Industry-Academia Gap	3.92	Satisfactory
Communication Skills	4.03	Good
Electives & Technology	3.97	Satisfactory
Analytical Abilities	4.01	Good
Adequateness of Courses	4.15	Good

Key Findings

Strengths: Career orientation and curriculum adequateness rated highest. Strong alumni engagement and practical sports science training.

Weaknesses: Minor concerns on entrepreneurship linkages and infrastructure. Industry-academia gap slightly lower.

Alumni Suggestions for New Courses/Topics

Add sports management, sports analytics, sports entrepreneurship modules; nutrition, physiotherapy.

Recommended Corrective Actions

- Introduce Sports Management and Entrepreneurship as elective
- Add sports analytics and data-driven performance courses
- Strengthen MoUs with national/state sports bodies for internship and placement
- Upgrade sports science laboratories and equipment
- Include nutrition, physiotherapy, and sports psychology modules

4.2 English

Programmes	MA (English), BA, PhD (English)	**Respondents**	**23 alumni**
Overall Score	**4.32 / 5.00**	**Rating**	**Good**

Parameter	Score (/5)	Assessment
Entrepreneurship	4.22	Good
Career Orientation	4.39	Good
Industry-Academia Gap	4.17	Good

Communication Skills	**4.52**	**Excellent**
Electives & Technology	**4.26**	**Good**
Analytical Abilities	**4.30**	**Good**
Adequateness of Courses	**4.35**	**Good**

Key Findings

Strengths: Highest-performing humanities department. Communication skills rated at 4.52 — highest of any criterion across all departments. Strong critical thinking and literary analysis.

Weaknesses: Digital humanities electives could be expanded. Research-oriented tracks need strengthening.

Alumni Suggestions for New Courses/Topics

Add Digital Humanities, Indian Epics and Ethics, Academic Writing, AI-related courses.

Recommended Corrective Actions

- Add courses on Digital Humanities and Media Studies
- Include Research Methodology and Academic Writing as compulsory papers
- Make thesis/dissertation mandatory for MA final semester
- Establish well-equipped language lab
- Incorporate seminars and presentations in each semester

5.3 Physics

Programmes	MSc (Physics)	**Respondents**	**4 alumni**
Overall Score	**4.36 / 5.00**	**Rating**	**Good**

Parameter	Score (/5)	Assessment
Entrepreneurship	**4.00**	**Good**
Career Orientation	**4.50**	**Excellent**
Industry-Academia Gap	**4.25**	**Good**
Communication Skills	**4.50**	**Excellent**
Electives & Technology	**4.25**	**Good**
Analytical Abilities	**4.50**	**Excellent**
Adequateness of Courses	**4.50**	**Excellent**

Key Findings

Strengths: Highest-performing department AY 2025-26. All criteria rated Good or above. Diverse and well-structured syllabus. Alumni placed in universities and as faculty.

Weaknesses: Research-based learning could be further strengthened. Advanced materials and nanotechnology underrepresented.

Alumni Suggestions for New Courses/Topics

Add research-oriented subjects: advanced materials characterization, nanotechnology.

Recommended Corrective Actions

- Introduce Advanced Materials Characterization as elective
- Add Nanotechnology and Condensed Matter Physics modules
- Make Research Methodology a compulsory component
- Strengthen connections with CSIR/IIT labs for student projects

6.4 Botany & Microbiology

Programmes	MSc (Microbiology), BSc (Bio)	**Respondents**	**34 alumni**
Overall Score	**3.40 / 5.00**	**Rating**	**Average**

Parameter	Score (/5)	Assessment
Entrepreneurship	3.56	Satisfactory
Career Orientation	3.29	Average
Industry-Academia Gap	3.35	Average
Communication Skills	3.41	Average
Electives & Technology	3.32	Average
Analytical Abilities	3.41	Average
Adequateness of Courses	3.44	Average

Key Findings

Strengths: Core microbiology and biochemistry content appreciated. Practical lab work valued.

Weaknesses: Career orientation weakest dimension. Lack of modern molecular techniques, bioinformatics, and placement support.

Alumni Suggestions for New Courses/Topics

Add Bioinformatics, NMR spectroscopy, applied microbiology, industrial biotechnology, data science.

Recommended Corrective Actions

- Include Bioinformatics and Data Analysis as compulsory course
- Add Applied Microbiology and Industrial Biotechnology modules
- Introduce Environmental Microbiology and Climate Change elective
- Strengthen lab infrastructure with modern sequencing tools
- Update syllabus to align with CSIR-NET pattern

7.5 Management Studies

Programmes	MBA, BBA, PhD (Management)	**Respondents**	**11 alumni**
Overall Score	**3.99 / 5.00**	**Rating**	**Satisfactory**

Parameter	Score (/5)	Assessment
Entrepreneurship	4.09	Good

Career Orientation	3.91	Satisfactory
Industry-Academia Gap	4.00	Good
Communication Skills	4.00	Good
Electives & Technology	3.82	Satisfactory
Analytical Abilities	4.00	Good
Adequateness of Courses	4.09	Good

Key Findings

Strengths: Good communication skills training. Good theoretical foundation. Alumni placed in leading corporations. Strong entrepreneurship score in this AY.

Weaknesses: Electives and technology orientation marginally lower. Need more data analytics and digital strategy exposure.

Alumni Suggestions for New Courses/Topics

Add Data Analytics, AI in HR, Behavioral Economics, Digital & E-commerce Strategy.

Recommended Corrective Actions

- Introduce Data Analytics and Business Intelligence as core course
- Add Digital Marketing and E-commerce Strategy as elective
- Include case-based pedagogy and live industry projects each semester
- Establish dedicated business simulation lab

8.6 Ancient Indian History, Culture & Archaeology

Programmes	MA, PhD	**Respondents**	**12 alumni**
Overall Score	**3.60 / 5.00**	**Rating**	**Satisfactory**

Parameter	Score (/5)	Assessment
Entrepreneurship	3.58	Satisfactory
Career Orientation	3.42	Average
Industry-Academia Gap	3.42	Average
Communication Skills	4.00	Good
Electives & Technology	3.50	Satisfactory
Analytical Abilities	3.75	Satisfactory
Adequateness of Courses	3.50	Satisfactory

Key Findings

Strengths: Communication skills and analytical abilities appreciated. Heritage and historical knowledge highly valued.

Weaknesses: Career orientation and industry-academia gap need improvement. Limited modern history and digital tools.

Alumni Suggestions for New Courses/Topics

Add Digital History, Data Analysis, Indian Knowledge Systems, Medieval and Modern Indian History.

Recommended Corrective Actions

- Expand programme to include Medieval and Modern Indian History
- Add Digital History, Heritage Documentation, and GIS mapping courses
- Include Indian Knowledge Systems as interdisciplinary paper
- Organize heritage site visits and museum internship programs

9.7 Yogic Sciences

Programmes	MA (Yogic Science)	Respondents	4 alumni
Overall Score	3.79 / 5.00	Rating	Satisfactory

Parameter	Score (/5)	Assessment
Entrepreneurship	4.25	Good
Career Orientation	4.00	Good
Industry-Academia Gap	3.50	Satisfactory
Communication Skills	4.00	Good
Electives & Technology	3.50	Satisfactory
Analytical Abilities	3.75	Satisfactory
Adequateness of Courses	3.50	Satisfactory

Key Findings

Strengths: Highest entrepreneurship score (4.25) of all departments in this AY. Alumni engaged in wellness, yoga therapy, and retreat management.

Weaknesses: Industry-academia gap and electives need improvement. Naturopathy and therapy-based practical work underrepresented.

Alumni Suggestions for New Courses/Topics

Add Acupressure Therapy, Naturopathy, Panchkarma, group discussions, Mahapuranas knowledge.

Recommended Corrective Actions

- Add Naturopathy and Panchkarma as specialization modules
- Establish therapy centre for practical patient-based learning
- Introduce Acupressure Therapy as elective
- Upgrade yoga practice facilities and infrastructure

10.8 Psychology

Programmes	MA (Psychology), BA	Respondents	5 alumni
Overall Score	2.06 / 5.00	Rating	Below Average

Parameter	Score (/5)	Assessment
Entrepreneurship	2.20	Below Average
Career Orientation	2.00	Below Average
Industry-Academia Gap	1.60	Poor
Communication Skills	2.00	Below Average
Electives & Technology	1.80	Poor
Analytical Abilities	2.40	Below Average
Adequateness of Courses	2.40	Below Average

Key Findings

Strengths: Some recognition of counselling as a valuable element.

Weaknesses: All dimensions critically low. Department described as archaic with no practical exposure, poor lab conditions, no career orientation. Consistent pattern across two consecutive academic years.

Alumni Suggestions for New Courses/Topics

Add Forensic Psychology, Clinical Psychology, industry leader interactions, modern psychological assessment tools.

Recommended Corrective Actions

- URGENT: Completely revise curriculum to align with contemporary psychology standards
- Add Clinical Psychology and Forensic Psychology as elective streams
- Establish Psychology laboratory for experimental and practical work
- Introduce mandatory career orientation sessions each semester
- Invite practicing psychologists for regular interactions
- Include Research Methods and Statistical Tools as core course

11.9 Mechanical Engineering

Programmes	BTech (Mechanical Engineering)	Respondents	5 alumni
Overall Score	3.14 / 5.00	Rating	Average

Parameter	Score (/5)	Assessment
Entrepreneurship	3.20	Average
Career Orientation	2.60	Below Average
Industry-Academia Gap	3.00	Average
Communication Skills	3.40	Average
Electives & Technology	3.60	Satisfactory
Analytical Abilities	3.20	Average
Adequateness of Courses	3.00	Average

Key Findings

Strengths: Core mechanical subjects (Machine Design, Thermodynamics, Fluid Mechanics) valued.

Weaknesses: Career orientation at 2.60 — weakest individual parameter in this AY. Consistent underperformance across two years.

Alumni Suggestions for New Courses/Topics

Add Mechatronics, Robotics, Additive Manufacturing, Sustainable Engineering.

Recommended Corrective Actions

- Introduce Mechatronics and Robotics as electives immediately
- Add Additive Manufacturing (3D Printing) laboratory
- Include Sustainable Engineering and Green Technology as core paper
- Implement semester-wise mini-projects linked to course subjects
- Organize mandatory internship (minimum 2 months) in final year
- Add soft skills and communication modules each semester

12.10 Hindi

Programmes	MA (Hindi), PhD (Hindi)	**Respondents**	**1 alumni**
Overall Score	**4.00 / 5.00**	**Rating**	**Good**

Parameter	Score (/5)	Assessment
Entrepreneurship	**4.00**	**Good**
Career Orientation	**4.00**	**Good**
Industry-Academia Gap	**4.00**	**Good**
Communication Skills	**4.00**	**Good**
Electives & Technology	**4.00**	**Good**
Analytical Abilities	**4.00**	**Good**
Adequateness of Courses	**4.00**	**Good**

Key Findings

Strengths: All criteria rated Very Good. Language skills highly valued.

Weaknesses: Very small sample (single respondent); not statistically representative.

Alumni Suggestions for New Courses/Topics

Add digital communication and language proficiency courses.

Recommended Corrective Actions

- Introduce Digital Content Writing and Hindi Journalism as electives
- Add translation studies and media writing modules

4. UNIVERSITY-LEVEL CORRECTIVE ACTIONS

4.1 Immediate Actions (Priority)

- Psychology: Urgently overhaul curriculum — rated 2.06/5 overall with all parameters below 2.4; second consecutive year of critical scores; add practical labs, clinical/forensic psychology immediately
- Mechanical Engineering: Revamp curriculum by adding Mechatronics, Robotics, mandatory internship to address career orientation score of 2.60

4.2 Short-Term Actions (Within One Academic Year)

- Integrate AI, ML, and Data Science as electives across all STEM and Management departments
- Make industrial internship mandatory for all BTech programmes (minimum 2 months)
- Mandate NPTEL certification (minimum one per semester) for BTech students with credit
- Establish university-wide Placement Cell with departmental student representatives
- Upgrade laboratory infrastructure in Botany & Microbiology, Physics, and Mechanical Engineering

4.3 Medium-Term Actions (1–3 Years)

- Revise curricula of all BTech programmes to incorporate semester-wise project-based learning
- Develop MoUs with industry partners for internship, guest lectures, and collaboration
- Launch skill-based certificate programmes in Data Analytics, Digital Marketing, Clinical Research, and GIS
- Introduce comprehensive Research Methodology paper across all postgraduate programmes
- Develop University Innovation and Entrepreneurship Policy aligned with Startup India and AICTE NEAT

4.4 Cross-Cutting Themes from Alumni Feedback

Theme 1: Practical Learning Deficit

Across departments, alumni consistently identified insufficient practical, hands-on learning as a major gap. Recommendations include lab upgrades, project-based semesters, industrial visits, and internships.

Theme 2: Emerging Technology Integration

Alumni from Engineering, Computer Science, Chemistry, Mathematics, and Management recommended integrating AI/ML, Data Science, Cloud Computing, Bioinformatics, and modern analytical tools into the curriculum.

Theme 3: Industry-Academia Alignment

The industry-academia gap is a university-wide concern (weighted average 3.69/5). Regular industry interactions, guest lectures by practitioners, placement cell strengthening, and MoU partnerships are strongly recommended.

Theme 4: Communication & Soft Skills

Communication skills training is valued across all departments, yet engineering alumni specifically requested more structured soft skills including personality development, presentation skills, and mock interviews.

Theme 5: Career Guidance & Placement

Alumni across departments expressed need for better career counselling, competitive exam preparation guidance (GATE, CSIR-NET, UPSC), and stronger placement cell activities.

5. DEPARTMENT PERFORMANCE SCORECARD

Department	Respondents	Overall Score	Lowest Parameter	Rating	Priority
Physics	4	4.36	*Entrepreneurship*	Good	Normal
English	23	4.32	*Industry-Academia Gap*	Good	Normal
Physical Education & Sports	72	4.02	*Industry-Academia Gap*	Good	Normal
Hindi	1	4.00	*Entrepreneurship*	Good	Normal
Management Studies	11	3.99	*Electives & Technology*	Satisfactory	Normal
Yogic Sciences	4	3.79	*Industry-Academia Gap*	Satisfactory	Normal
Ancient Indian History, Culture & Archaeology	12	3.60	*Career Orientation*	Satisfactory	Normal
Botany & Microbiology	34	3.40	*Career Orientation*	Average	Medium
Mechanical Engineering	5	3.14	*Career Orientation*	Average	Medium
Psychology	5	2.06	*Industry-Academia Gap*	Below Average	Critical

6. CONCLUSION

The Alumni Feedback Survey on Curriculum (AY 2025-26) has provided valuable insights into the strengths and areas for improvement across the departments of Gurukula Kangri (Deemed to be) University. With a university-wide average of 3.80/5.00, the overall curriculum quality is in the 'Satisfactory' range, with significant departmental variation.

The IQAC recommends treating this report as a foundation for the Academic Council's curriculum review process. Corrective action plans should be formalized with timelines, responsibilities, and outcome metrics. Progress should be reviewed annually and reported in the Annual Quality Assurance Report (AQAR).

Report Prepared by	**Internal Quality Assurance Cell (IQAC)**
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