



GLA
UNIVERSITY
MATHURA
Recognised by UGC Under Section 2(f)

Accredited with **A** Grade by **NAAC**

ANNEXURE

NAAC accredited GLA University with grade 'A' in 2017. The peer team in their assessment report made 15 recommendations and the Internal Quality Assurance Cell of the university has taken required steps to address them.

Recommendation no. 01: CBCS to be introduced

Following the guidelines of UGC GLA University has implemented **Choice Based Credit System (CBCS)** for B. Tech, programme in the session 2017-18 and in other programmes in 2018-19.

Recommendation no. 02: More academic programmes in Science and Humanities may be initiated

Institute of Applied Sciences and Humanities is a very vibrant institute in the university. There are four departments in the institute: Department of English, Department of Chemistry, Department of Mathematics and Department of Physics. **In 2016-17 all four departments have launched PhD programme. From session 2018-19 department of chemistry have started undergraduate and post graduate programmes like B.Sc. (Chemistry) and M.Sc. (Chemistry). The department of physics have also started undergraduate and post graduate programmes like B.Sc. (Physics) and M.Sc. (Physics) from the session 2019-20. In continuation to this department of mathematics have started M.Sc. (Mathematics) from the session 2020-21.**

Recommendation no. 03: Career oriented/value-added courses may be started in specialized fields

In addition to regular courses all the departments in the university have started introducing value addition courses on various subjects creating better exposure to the students. Not only the faculty members of the university but also industry experts engage classes in these courses. Over the last five academic session i.e., 2016-17 to 2020-21 the various departments across the university have introduced **292 value added courses for students to impart extra learning beyond**

curriculum along with the industry experts. The student enrolment in these value-added courses is around 81.19%.

Recommendation no. 04: Faculty cadre ratio and gender ratio needs improvement

GLA University has always been very liberal when it comes to gender neutrality, be it at the time of student admission or recruitment of staff and faculty members. The administration deals with any kind of gender discrimination with strict hands. Moreover, the faculty cadre ratio and gender ratio have been steadily improved during the last five sessions.

Recommendation no. 05: More efforts required to get external funding for research

Faculty were motivated to focus on high quality research project. Various research laboratories and research project related software and equipment were established and procured during last five years through seed money granted to faculty members to develop project which can be send for external funding. **This results in external funding of Rs 1,26,85,23,87/- from various government funding agencies like DBT, DST, DAE, BRNS, UPST and MEIT, NRDC etc.**

Recommendation no. 06: Create environment for attraction of international students and faculty

GLA University have tie ups with 18 International MoUs with different countries around the globe. Under these MoUs various activities were conducted such as seminars, guest lectures, joint research papers, joint conferences and educational tours, etc. With the International collaboration the education tours were conducted where 08 students and 2 faculty members were invited in Leadership Academy Program at Centre for Global Management, Jack H Brown College, California State University, San Bernardino USA during the period August 20-31, 2019 at their campus. One faculty was invited under MoU with Jacksonville State University, Alabama, USA - Prof. Ashish Sharma for research purpose by the school of science dated 14 July, 2017. Recently more than 20 international guest lectures, workshops and seminars were conducted by different resource person from various countries such as Germany, Singapore, Indonesia, USA, Thailand, Malaysia, South Africa, Estonia, Taiwan and Australia for the students and faculty members of GLA University, Mathura. The Institute of Business Management GLA University established in January 2020 an exclusive research centre in Financial Markets with the collaborations and active support of Opus College of Business, University of St. Thomas, Minneapolis, USA

Recommendation no. 07: Inter-disciplinary areas of research and Consultancy should be encouraged and undertaken in identified areas in focus manner

In the last five sessions the university completed 57 consultancy assignments in which a total revenue of rupees 1,14,26,398 was generated (excluding GST). The university also encourages interdisciplinary research among various departments so that faculty members learn from outside their core area. In the year 2016 there were 52, in 2017 there were 66, in 2018 there were 79, in 2019 there 160, in 2020 there 243 and in 2021 there were 305 collaborative research papers which were published by the faculty members of this university.

Recommendation no. 08: University –Industry linkages may be strengthened

With growing economy, India is also witnessing the growth of education sector. However, Indian industry is not so convinced about the job-readiness of the graduates. There is an urgent need that Indian Industries and Academia come together and address some of the underlying challenges. GLA University took this initiative right from 1st year to ensure this gap is minimized and ultimately bridged, GLA University industry linkage is a capstone Program –

1. Objectives:

- To providing best possible job opportunities to all eligible students.
- Curriculum development in association with industry for updated learning.
- To provide training and internship for students.
- Training of faculty by industry experts.
- To Establish Center of Excellence with association of Industries in the campus for skill enhancement of student and faculty.
- To Address industry problems for their research and consultancy based solutions.
- To Enhance scope of employability through various activities like interaction with industry experts, Industrial visits, seminars, webinars etc.

2. The Practice:

- University has been patronized by about 450 companies for placement in 2020-21.
- Various Industry Sponsored COEs like Wipro, IBM, Ingenuity Gaming, DSC etc have been established with in the campus for the benefit of students and faculty.
- Industry collaborated courses are run in various disciplines like engineering and management etc.
- The University has **GLA University Corporate Advisory Board (GLA-CAB)** with more than 130 members. These members include top management and technical experts from Indian industry and MNCs like Jindal Steels, Dish TV, L & T, J K Tyres, Dalmia Bharat, SAP Labs, Tech Mahindra, Zydus Cadilla, Nelson India, Reliance Industries, Kotak Mahindra, Toyota Industries, Sopra and many more.
- Regular training seminars/guest lectures / conferences/ webinars are being arranged form various industry experts.
- Faculty development programs are done by industry leaders regularly.
- Student internships are provided for training, leading to pragmatic knowledge.
- The average pay package of the students has been increasing YOY.

3. The Outcome:

- Due to Strong University-industry relations the number of companies visiting the University for the placement has increased manifold. In the year 2020-21, more than 450 companies patronized GLA University.
- The highest package offered to the GLA University students is 31.7 lakhs in the year 2020-21.

- Average salary increased to 4.24 LPA for academic year 2020-21.
- University is offering Industry collaborative courses in Engineering and Business Management like B.Tech – CS in coloration with IBM , specialization in Cloud Computing, Data & Analytics, Cyber Security, IOT, AIML, and similarly MBA in LSCM with collaboration of safeducate and many more.
- University has more than 130 industry experts in Corporate Advisory Board and Board of Studies which add value to the quality education.

Recommendation no. 09: Establish linkages with national and international bodies and reputed NGOs engaged in community service

In addition to improve the quality of education at home GLA University is determined to spread its wings above and beyond. In order to keep pace with the global academia, the university has been making collaborations with various national and international institutions and organizations. The university signed **seven MoUs in 2016-17, six MoUs in 2017-18, twenty eight MoUs in 2018-19, twenty nine MoUs in 2019-20, twenty four in 2020-21** and fourth one in 21-22 as on date for the objectives such as Joint Research Publication, Joint Research projects, Jointly UG/PG/Ph.D Guidance, Capability enhancement & Development, Training and Placement assistance, Joint Value-added certifications, Resources Utilization, Students/Faculty/Research Scholar Exchange Programme, Industrial/ Field exposure, Knowledge Sharing through Jointly organizing Conferences, Webinar, Seminar, FDPs, Workshops, etc.

Recommendation no. 10: Institutionalise IQAC and ensure its contribution as per NAAC guidelines

To ascertain all quality related endeavours in the university the Internal Quality Assurance Cell was constituted on 1st November, 2013. Since then the team dedicatedly supervise, conduct various quality audits related to pedagogy, examination, infrastructure, curriculum, research and publication and make sure that high standards are maintained at any cost. IQAC is strengthened with a dedicated core team of 8 members & 15 departmental IQAC coordinators.

Outcomes of IQAC

UGC 12(B) status.

Institution of Pharmaceutical Research of University secured 59th position in NIRF also Engineering Discipline is in 201-250 band while in University category is in 151-200 band.

“Excellent” Band in Atal Ranking of Institutions and Innovation and Achievement.

AQAR Submission.

AISHE Submission.

IACBE Accreditation for Business Management program.

The IQAC team also organizes many workshops on quality so that the staff and the faculty members can learn from the experts how not to sacrifice quality in their professional or academic life.

Recommendation no. 11: Ph.D. programme should be strengthened and streamlined in accordance with the UGC Regulations 2016

As per the guidelines issued by UGC notification done on 5th July 2016 (Regd.no. D.L.-33004/99, No-278), GLA University follows all the regulations such as eligibility criteria for the admission in PhD, allocation of the supervisor, course work etc. In addition to these guidelines, the university constitutes a Research Advisory Committee, evaluation and assessment methods, infrastructure requirement etc. in accordance with UGC regulations.

As an outcome, the number of PhD scholars has been increasing continuously since the last five sessions. The university registered 32 candidates in 16-17, 39 in 17-18, 117 in 18-19, 181 in 19-20 and 252 in 20-21. In order to strengthen and streamline the entire process of PhD, the University constituted the Department Research Degree Committee (DRDC), Research Promotion Cell (RPC), Research Advisory Board (RAB) etc.

GLA University is continuously following the plagiarism guidelines issued by UGC notification done on 31st July 2018 (Regd.no. D.L.-33004/99, No-287). In order to curb plagiarism, the University conducts awareness programs on a regular basis for academic integrity and prevention of misconduct including plagiarism in academic writing among student, faculty, researcher and staff. University central library has a facility to check plagiarism through Turnitin and URKUND software's. In addition to these guidelines, university authorities instruct all the concerned departments to constitute an academic integrity panel at department level (DAIP). Furthermore, the Institutional Academic Integrity Panel (IAIP) has also been constituted at university level keeping the composition of the panel as suggested in UGC notification.

Recommendation no. 12: University should make more budgetary provision for research

In order to strengthen the research environment, a strong budgetary provision has been made by the University. A budget of Rs. (in Lakhs) 100, 300, 100, 100, 100 for the sessions 2016-17, 2017-18, 2018-19, 2019-20, and 2020-21 respectively was kept for enhancing the research environment at GLA University. A reward policy of Rs. 10000/-, and 5000/- for unpaid publications in Science Citation Index (SCI) and SCOPUS was implemented in the session 2016-17 by the university. In addition to this, university had announced a reward policy of Rs. 25000/- for publishing a patent and Rs, 100,000/- on the grant of the same, however, a reward of 80% of the consultancy amount was also implemented by the university. Keeping a strong focus on research enhancement, the reward for publications done in Q1 (quartile) and Q2 indexed journals increased by 100,000/- and 75000/- respectively from the academic session 2021-22. University also supports its faculty members for the registration to be done for attending and publications of the papers in conferences, partial support has also be given in

paying the membership fees of professional bodies such as IEEE, ASME, IUCCA, ISHRAE, IE, IPE etc.

In the same context, provision for seed money grant has also been made for strengthening the infrastructure facilities especially for research. University disbursed seed money of Rs. (in lakhs) 33.67, 28.20, 30.30, 61.05, 13.50, 44.00 for the sessions 2016-17, 2017-18, 2018-19, 2019-20, 2020-21 respectively. As an outcome of this effort the govt./non govt. sponsored projects with an average worth of Rs. 237 Lakhs sanctioned to the different departments of the university, eventually which helps the university in making an ecosystem of research.

Inline to the vision of Indian govt concern to Skill Development, GLA University established a Center for Skill & Entrepreneurship Development (CSED) with Dysmech Competency Services Pvt. Ltd. (DCS), Pune as its system integrator, Dassault Systems, PTC and Mastercam as technology providers. University spent a total amount of Rs 1500 Lakhs on CSED out of which Rs 900 Lakhs were spent on infrastructure development and remaining for machine and equipment's.

Recommendation no. 13: Up-gradation and enhancement of sports and games activities

GLA University believes that only academics cannot give a student's mind necessary nourishment. The university has a dedicated Sports department which organizes various internal and external sports events where students of GLA University participate and show their talent. Each year the sports department organizes National Sports Day 29th August. In addition to that, various sports events like Badminton match, Basketball match, Cricket match, Football match, Chess competition are held in the campus. The students go outside the campus, win medals and glorify the name of the university. During the last five years' students of **GLA University attended sports events named Udghosh, Chakravyuh, Desportivos, Zest, Ranbhoomi, President Cup in places like Ghaziabad, Pune, Kanpur, Jaipur, Indore and Delhi. Students won more than 200 awards in the various inter-university events organized by different Universities, and even student secured a position in the UP students Olympic Culture fest 2016-17, organized by Students Olympic Association, India.**

Recommendation no. 14: There is a need for further strengthening soft skills training

GLA University, Mathura has in the last five years included soft skills credit courses for all the students of the University, with focus on the needs and requirements of the Recruiters today, which has resulted in increased placement numbers and higher packages offered to our students.

The soft skills courses are imparted across the academic spectrum for the development of communication skills and problem-solving skills in real life scenarios. Higher placement numbers and higher packages are an indicator of the influence of soft skills in the selection of students.

The Soft Skills course comprises:

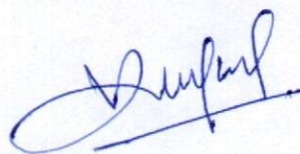
- Aptitude Training.**
- Quantitative Aptitude.**
- Logical Reasoning.**
- Verbal Aptitude.**
- Critical Thinking.**
- Group Discussion and Personal Interview.**
- Technical Aptitude.**
- Problem Solving Techniques.**

Competitive Programming Skills.

Programming Languages: Java, Python, Full-stack Development

Recommendation no. 15: Focus on coaching of students for competitive examinations and personality development programme

The syllabus of each course has been designed in such a way that students are trained for competitive examinations. The question papers also follow the format of competitive examinations. In addition to that, various departments like English, Physics, Mathematics and Chemistry arrange extra coaching classes for UGC NET aspirants. Engineering departments prepare their students for GATE, management department prepare for CAT/MAT and also the education department for TET/CTET. Various Personality Development Programmes are organized in the university where internal and external experts hone the students. **More than 500 students have qualified various competitive exams during the last five years.**



Director IQAC
GLA University, Mathura