Governance Enablers	1. **BoG/ Senate/ Syndicate:** full functional + staffed + roles and responsibilities and accountability + involvement of alumni	**Implemented:** Leadership is deployed according to statutory and other regulatory requirements, ensuring adherence to legal and institutional frameworks. The Statutory Bodies/Committees of the University includes the following headed by the Vice Chancellor and notable external members to provide insight and strategic direction: • Governing Body • Executive Council • Academic Council • Planning Board • Finance Committee • Research Advisory Board • Admission Committee • Examination Committee • Internal Quality Assurance Cell (IQAC)
	2. **Quality Assurance:** Defined Processes + capture various aspects of governance + defined deliverables and outcomes	• **Implemented:** Key processes are institutionalized to ensure consistency and sustainability. • Quality enhancement initiatives are implemented to continually improve institutional performance • Internal Quality Assurance Cell (IQAC): The IQAC ensures the continuous improvement of quality in academic and administrative activities. • External and Internal Audits, Academic and Administrative Audits (AAA) are conducted from time to time.
	3. **Financial autonomy:** Striving for self-sustainability + Generating external revenue sources + Creation of Chair for Research	**Implemented** **Self-Sustainability:** Through careful planning and prudent financial management, we have achieved a stable and independent financial status. **Generating External Revenue Sources**: We actively generate funds through various channels such as extramural research, projects, consultancy services, and specialized training programs, supporting our financial autonomy, enhancing our academic and research capabilities. We conduct specialized training programs tailored to the needs of industry professionals and organizations. These programs are designed to bridge the gap between academia and industry, providing practical skills and knowledge. **Creation of Chair for Research:** We are in the process of creating a Chair for Research.
	4. **Leadership:** Effective leadership+ Strategic management + Laying down objectives and targets	**Recruitment of more people at the senior leadership position**
	5. **Vision, Mission and Roadmap for the HEI:** Vision and mission document + share Vision with stakeholders + 2, 5, & 10 years Plan	**Implemented** **Vision:**

	+ To reliable consultants of repute and or insource capability as needed.	To serve the society by being a global University of higher learning in pursuit of academic excellence, innovation and nurturing entrepreneurship **Mission:** • Transformative Educational Experience • Enrichment by Educational Initiatives that Encourage Global Outlook • Develop Research, Support Disruptive Innovations and Accelerate Entrepreneurship • Seeking Beyond Boundaries **Global Outreach** • Global Curriculum: AI, Block chain, gaming, IoT, Health Care & Medicine, food science, environment, values etc. • Implementation of OBE framework (Washington accord) • Study abroad programmes • Foreign collaborations • Erasmus+ • International offices abroad • International alumni chapters • 11% International Students (50+ countries and over the period 95 countries) **Academic Excellence:** • OBE and CBCS : Industry integration and knowledge exchange cell, teaching learning centre, community connect cell • Sharda skills and career counselling & development centre • Hackathon, Techno-fest and Toycathon • Family dispute resolution clinic • Mentoring cell, psychological counselling cell • ICT enabled learning • Enhanced automation in examination • Active students' council • State of the art library with e-resources • Student Activity Centre • Sports facilities for holistic development • Extensive LMS (in e- Zone EMS) **Innovation:** • Encouraging incentives policies • Consultancy policy • Special research laboratories and Central Instrumentation Facilities • Seed fund, IIC and NISP • 200 laboratories • RBL - research-based Learning • Major/capstone projects leading to research outcomes • Industry collaborative research • Established IPR cell • Budget for regular PhD scholars

		• Funded projects from DST, DRDO, DBT, ISRO, ICMR and others **Nurturing Entrepreneurship** • Entrepreneurial and innovation culture • Sharda Launchpad (40 start-ups) • Collaboration with Indian Industries Association, NSDC & various sectoral skill council • Credit based community connect course • Courses on innovation, entrepreneurship • Active participation of students in Hackathon, Technofest, Toycathon, Business Idea competition • Efforts reflected in ARIIA ranking 2020 & 2021 • Social outreach activities through NCC, NSS, Red cross, Rotary club, NGOs and industries
6.	**Close monitoring by IT/ Web-based based Management Information System:** Performance Parameters (Source of feedback, Also UGC, and AICTE guidelines)+ Academic system implemented on priority.	**Implemented** **IT Infrastructure Available:** • Smart boards • Internet bandwidth • Wi-Fi access points • Network switches • Surveillance cameras • University entrance management system • Digital attendance for staff and students **E-zone EMS based LMS** ➢ Lesson plan ➢ Timetable ➢ Quizzes, assignments and tests ➢ Lecture material and report submission **PeopleSoft based ERP** ➢ Registration and student results ➢ HR & finance services ➢ E-Zone: A centralized data repository system ➢ Other campus solutions (purchase, inventory, etc.) • AWS for ERP and e-zone • Internal e-content repository • Campus NPTEL server • Swayam Prabha Class Rooms • Media Centre • Lecture Capturing Sysytem **Virtual Labs:** *CoLab* (Google), Analog signals, Network Measurement Lab (IITG), *Sakshat virtual Lab* (Value@AMRITA), Online GDB)
7.	**Risk Management Analysis:** meeting with insurance company for mitigating risks	**Implemented** • Well defined Process in place. • Annually external audits done. • The audit firm deputes a team of qualified Chartered accountants to scrutinize the transactions and its appropriateness and mitigating any possible risks. • Report is submitted to the account's office

	8. **External Advisory Boards:** consisting of industrialists, academics, and govt. officers on running and make-up of School + meet at least once /sem	**Implemented** • School- wise advisory Board formed consisting of External Members of school-specific domain specialization and Headed by Vice Chancellor. • Meeting: Once/semester
	9. **Student Feedback:** 360^0 feedback and gap closure + Methodology to be proposed by Faculty members through HODs + regular Feedback + motivated faculty members to improve delivery	**Implemented** • Structured online feedback from stakeholders (students', faculty members, employers, alumni) • Feedback taken on Curriculum, Teaching-Learning, Infrastructure • Students' satisfaction Survey conducted. • Corrective action taken on Faculty course delivery-based Student's Feedback. • Quality of teaching material uploaded by faculty on LMS portal checked and feedback given by Teaching – learning Centre of the University.
Financial Enablers and Funding Models (Resource Generation)	1. **Financial Policies:** with roles and responsibilities of various officers managing the university's financial assets.	**Implemented** • Chief Financial Officer (CFO) of the University oversees the development of the annual budget, aligning it with the university's strategic goals and ensuring financial sustainability. • The School Deans submit budget requests and manage departmental budgets within the allocated funds, ensuring adherence to financial guidelines. • The Procurement Officer of the University manages the procurement process, ensuring that purchases are made in a cost-effective and transparent manner. • The Finance Department processes payments and monitors expenditures to ensure they are within the approved budget and comply with university policies • Regular audits of financial operations to identify risks, ensure compliance, and recommend improvements are done
	2. **Action Plan and Budgets:** Action Plan on IDP + Define budget + Finalize 1-year and 5-year budget forecast + Allocate funds in separate account + **Utilize** and track spending + Revisions of budget only by budget committee + recurring and non-recurring expenditures budget with departments details.	1-year and 5-year Budget forecasting is being done. Draft already prepared
	3. **Main sources of revenue to be developed:** tuition and other fees + government grants and subsidies + consultancy fees and overheads from the GOI/Externals + endowments, philanthropic	**Implemented** **Generating External Revenue Sources**: Other than the tuition and other fees, the University actively generate funds through various channels such as extramural research, projects, consultancy services, and specialized training programs, supporting our financial autonomy, enhancing our

	contributions, and other income like CSR, royalties on intellectual property (IP)/ patents etc.	academic and research capabilities. Funded projects from DST, DRDO, DBT, ISRO, ICMR and others have been obtained. We conduct specialized training programs tailored to the needs of industry professionals and organizations. These programs are designed to bridge the gap between academia and industry, providing practical skills and knowledge.
4.	**Close liaison with GOI ministries/ agencies and others for funding and Access to external grants and funding:** >20 ministries offer Projects for HEIs +· procure team and Proforma for grant from Ministries / external agencies	**Implemented** Projects Obtained from: • Indian Council of Medical Research (ICMR) • DST-SERB • DST-FIST • DRDO • ISRO • MHRD • Ministry of Heavy Industries (MHI) • Ministry of Science & Technology • Space Application Centre • Indian National Science Academy • National Productivity Council • UPCST • ICSSR
5.	**IRG scheme in each department:** Commercial Utilization of existing facilities + Consultancy by Each Department + Funding from external funding agencies	**In place but only selected depts. are involved; more possibilities of involving other schools / dept. can be looked into** • Central Instrumentation facility outsourced. • Detailed consultancy and training policy in place. • Revenue sharing policy for faculty members bringing Training and Consultancy
6.	**Financial/ Investment Committee:** investment and reinvestment of funds, purchasing and selling securities belonging to the endowment, or other long-term university **assets**, investment policies.	**Implemented** • A Finance Committee headed by the Vice Chancellor looks in to budget allocation. • Management of the university's endowment, including growth strategies and sustainability plans are well defined. • Balanced approach to asset allocation to various departments are done. • Ethical guidelines and investment principles are clearly defined • Risk management strategies are clearly defined. • Transparency in investment activities, including regular audits are done by external agency.
7.	**Staff providing financial services:** Finance team with chief financial officer, treasurer, assistant treasurer, chief investment **officer**, accountants, clerks, Data Entry Clerks, CA, etc.	**Implemented** A complete Finance team headed by a Finance Officer with dedicated office and staff present.

Academic Enablers (Mapped to Criterion 1(Curriculum Design) and Criterion 5 (Teaching and Learning) of NAAC	1. **Courses catering to professional/future requirements:** choice of relevant programs + with for in-depth learning + Multidisciplinary	**Implemented** • **Cross-Cutting Domains as University Core Courses** Arts/ Sports/ Yoga/ Music/ Theatre/ Others Human Values, Ethics and Gender Basic computer skills Employability skills Community engagement Environmental studies • Programme **Core (Major)** Theory Labs (studios, moot court, clinics, design labs etc.) Industry Internship/Field Projects Entrepreneurship-based learning Research-based learning Project-based learning Capstone projects • Elective **Courses** Programme specific electives (Baskets of courses on multiple domains) Minor electives • Open **Electives** Multi-disciplinary courses MOOCs (SWAYAM & NPTEL) • **Other** Additional credit courses / audit courses Specializations (20 Credits) AI for all Prompt Engineering
	2. **Curriculum- updated as per industry requirements:** regular updates asper changing employment landscape + industry requirements + Industry linked/ **internship**/ apprenticeship embedded programs + Multiple Entry- Multiple Exit options	Implemented **NEP Implemented with MEME.** • **Cross-Cutting Domains as University Core Courses** Arts/ Sports/ Yoga/ Music/ Theatre/ Others Human Values, Ethics and Gender Basic computer skills Employability skills Community engagement Environmental studies • Programme **Core (Major)** Theory Labs (studios, moot court, clinics, design labs etc.) Industry Internship/Field Projects Entrepreneurship-based learning Research-based learning Project-based learning Capstone projects • Value added courses outside the curriculum
	3. **Curriculum embedded with Employability Skill:** across all disciplines (Constitutional values/ Citizenships, universal values; **Career** Development & Goal	**Implemented** • Industry Integration and Knowledge Exchange Cell (IIKEC) • Committee for human value and ethics in place

		Setting) + focus on competencies and skills	• Courses such as Human Values, Ethics and Gender, courses related to constitutional values are embedded as either credited or audited courses across various disciplines. • Skill based courses are identified and defined clearly across all programmes. • The department, Sharda Skills, provides Employability skills including (soft skills, aptitude, reasoning, English, corporate behavior to name a few
	4.	**Curriculum embedded with Skill Enhancement Courses:** also integrate 21st-century digital **skills** wherever required.	**Implemented** • AI for all • Prompt Engineering • Industry Internship/Field Projects • Entrepreneurship-based learning • IoT • EV • Virtual Labs
	5.	**Curriculum embedded with emerging technologies to be integrated with future of work:** Develop centers, upgrade curriculum, incorporate 21st century skills	**Implemented** **Curriculum embedded with** • Emerging technology Centres are being established • Additional credit courses / audit courses • Specializations • AI for all • Prompt Engineering • Basic computer skills • Employability skills • Community engagement IoT Lab, EV Lab, **Virtual Labs including** *CoLab* (Google), Analog signals, Network Measurement Lab (IITG), *Sakshat virtual Lab* (Value@AMRITA), Online GDB) Other Centres Include: • Center for Artificial Intelligence in Medicine, Imaging and Forensics • Center for Cyber Security and Cryptology • Center for Solar Cells and Renewable Energy • Sharda Social Business Center • Central Instrumentation Facility • DST-FIST Life Sciences • Centre for Virology & Immunology • Molecular Biology of Stress Tolerance • Media Studio • Bio-Positive research lab (Life Science)
	6.	**Center for Curricular & Life Skills Development (CCLSD):** Full strength as per sanctioned post	**Implemented** A fully functional Sharda Skill Development Centre available at the University It offers modules on soft skills, aptitude, reasoning, English, corporate behavior, etc.
	7.	**Faculty/ teaching Staff:** Regular upgradation of knowledge + research activities (involve	**Implemented** • IIC, Hackathon Centers are being established for this aspect

	students) + SMEs as teaching staff/**trainers**/ instructors + Provide appropriate guidance + create projects for continuous improvement	• Faculty Development Programs (FDPs**)** are regularly conducted by the Teaching Learning Centre, Research and Development Centre, and the IQAC to enhance and update faculty knowledge on teaching-learning processes, curriculum, and research and development.
8.	**Center for Faculty Development (CFD):** Exchange/internship programs with **industry** + Facilities best in the world + Appropriate non-teaching staff to support	**Implemented** • The Teaching Learning Centre (TLC) functions as a faculty development facilitator. It facilitates the Teacher reskilling and Quality monitoring • Faculty development is also towards upskilling them in designing and developing curricula, pursuing research, and offering experiential learning. • The TLC along with the Research and Development Cell stimulate meaningful bottom-up and top-down collaborations among faculty, staff and students with diverse disciplinary backgrounds. • Faculty members are also provided with Incentives for enrolling and successfully completing Faculty Development programmes under MOOC, FDP for 15 Days and Faculty Training during Vacations • Faculty induction programmes are conducted for all new joiners of the University
9.	**Non-teaching staff:** qualified, experienced + HR Planning includes session wise **teaching** plan and following such teaching plan.	**Implemented** • Progressive annual appraisal system for non-teaching staff • CAREER FRAMEWORK IN NON-TEACHING CADRES is clearly defined in the Manual of HR Administration (Policies & Regulations of the University • Non-Teaching staffs are evaluated on individual pre-determined Goals and Key Responsibility Area (KRA). The result of assessment is then collated, first Individual wise and department wise. • Non-teaching staff contribute to the creation and maintenance of session-wise teaching plans. • Non-teaching staff perform to support teaching plans, such as scheduling, resource allocation, and coordination with faculty • Training and professional development activities are regularly conducted for non-teaching staff to enhance their skills and stay updated. • Non-teaching staff support teaching-learning processes, such as classroom management, technical support, and administrative assistance and laboratory activities. • Awards and other forms of recognition are given to outstanding non-teaching staff members.
10.	**Session wise teaching plan:** Relevant and updates course material and **books**	Implemented • ERP: meant for uploading Session Plan, Timetable, Quizzes, Tests, Assignments, Projects/ Dissertation, Turnitin Software for Plagiarism check

		• The faculty Members upload timetable, session plan, e-content, take attendance, collect feedback on E-zone EMS ERP.
		• Outcome based teaching learning
		• Assessment tools and evaluation methods for learning outcomes
		• E-zone EMS (ERP) based data management for evaluation of outcome attainment
		• Teaching learning center (TLC) established for quality monitoring of the course materials provided to the students.
		• Regular audits are also conducted by TLC in this regard and feedback shared with the schools and faculty members for any corrective action.
	11. **Learning material like Study books:** equal amount of essential information + provide books as per **syllabus** + Question bank as per the examination pattern.	**Implemented** • In Student Login, Academic Content module has all the uploaded content documents by the faculty on E Zone EMS ERP • Providing Set of important books as per syllabus at the time of enrollment of the students in their respective Programmes. • Reading materials both and hard copy and on E-zone Portal given to all students. • Special notes and study materials for slow learners. • Assignments/ mini projects of higher order thinking for fast learners • Question bank (set of three from each faculty) for all courses obtained as per the actual examination pattern of the University.
	12. **Question bank:** enables evaluating holistic learning, Relevant assignment	**Implemented** • Online Question bank (set of three from each faculty) for all courses obtained as per the actual examination pattern of the University. • Question papers Moderated online before the set generation • Assignments given to students based on the relevant areas being taught and also based on the pace of the learning capability of the students • Online assignment submission and evaluation and Plagiarism checking using Turnitin Software.
	13. **Assignments:** term papers, practicums, or assigning + encourage students by answering all question bank questions in the form of assignments + time bound assignment (relevant), Internal assessment	**Implemented** • Assignments given are part of internal assessment. • Assignments are designed to align with the relevant topics being taught and are customized to match the learning pace and capabilities of each student. • Assignments are submitted and evaluated online. • The student can view as well as submit the Assignment uploaded by the faculty members on E-Zone EMS ERP. • These are time bound to be submitted with plagiarism check reports attached.

		• Questions in line with the questions of the question bank given to students so that they get to practice it and are better prepared for facing the End semester Examination.
		• After uploading assignment with faculty, Faculty give Marks, Remarks & Feedback to student.
	14. Assessments: All assessment strategies + online, offline or blended + on demand assessments, make-up assessments + must not be restricted to core and elective subjects.	**Implemented** The assessment is mentioned as per the **"Academic Progression",** 2021-22. Some of the key points are as mentioned below: • Attendance is monitored course-wise. A student is required to have at least 75% attendance in each course, to be eligible to appear in mid-term examination (MTE) as well as in end-term examination (ETE). • The components of assessment for each theory and laboratory course are as under: • Continuous Assessment (CA) • Mid-Semester Examination (MSE) • End-Semester Examination (ESE) • It is necessary to pass each type of course (major, minor, elective, vocational, professional, extracurricular, co-curricular, project, survey, internship, etc.) and the final result, is in the form of CGPA. • Based on the marks obtained in the courses studied by a student, a letter grade shall be awarded to each course using an absolute or relative grading system. • A student passes and obtains credit for a course when he/she secures at least 30% marks in the ESE as well as 30% marks in the total of ESE, MSE (wherever applicable) and CA. • Student who fails in a laboratory/practical course shall repeat it as per the schedule decided by the Department/School. • If a student is awarded 'FR' (Fail and Repeat) grade in a theory/laboratory course, he/she has to register for that course as if it is a fresh course and will have to repeat all components of evaluation • If a student is awarded 'FI' (Fail and Improve) grade in a theory/laboratory course, he/she has to pass only in ESE and their CA and MSE marks will remain the same. • Examination on demand: After the semester is over, a student, having more than 30% marks in CA+MSE, but less than 30% marks in ESE, and not debarred in any course, may request COE for 'Examination on Demand' of ESE during the subsequent semester. • Result announcement is done in 14 Days • Exams for ESE are conducted Offline, but evaluations are done online. Coding of answer sheets are done. OMR based question wise marks capturing and uploading is done. And Online grading is done.

	15. Value added skills enhancement Papers: Enhancing the employability of the students by improving professional knowledge + skill development-based value-added papers by industry or professional people + T-L pedagogy to have experimental learning	**Implemented** ➤ Basic computer skills ➤ Employability skills ➤ Community engagement ➤ Faculty-Student Industry Connect Courses ➤ Labs (studios, moot court, clinics, design labs etc.) ➤ Industry Internship/Field Projects **Elective Courses** ➤ Programme specific electives ➤ (Baskets of courses on multiple domains) ➤ Minor electives **Open Electives** ➤ Multi-disciplinary courses (25-30 courses) ➤ MOOCs **(SWAYAM & NPTEL) (98 courses)** **Value added courses** outside the curriculum (152 Courses)
	16. Pedagogy: traditional and modern pedagogy + encourage Usage of technology + enhanced usage of blended mode of **learning** + T-L material for PwDs + learner centric + Activities for overall development of students.	**Development of T-L material for PwDs is in process**
	17. Other activities as part of learning: Integration as core + Proper assessment + Develop additional skills + extension Activities in teams + + support EWS students	**Implemented** **Support for EWS**: Fee waiver of up to 100% for economically weaker students to help them realize their career dreams. A total of 1602 students from the economically weaker section (EWS) have been provided scholarship amounting to Ten Crore Eight Lakh Thirty-Seven Thousand Three Hundred Seventy-Six (10,08, 37,376) in the academic year 2022- 23.
	18. Earn while learn facility & flexibility: Earn while learn model + course design needs to be **varied**, multi-disciplinary in nature	**In Process**
	19. Flexibility and multidisciplinarity: design UG/PG programs to suit the requirement of students at various levels + certificate programs across the field + certificate programs having MoUs with industries, international organisations + UG & PG curriculum with independent projects/research under the guidance	**Implemented** • 204 National and 118 International • 170+ International Academic tie ups **Outcome:** • Faculty Exchange, Student Exchange • Research- Publications & Projects • Consultancy • Trainings and internships **The Programme Core (Major) embedded with** • Industry Internship/Field Projects • Entrepreneurship-based learning • Research-based learning • Project-based learning • Capstone projects • Dissertation

	20. **Opportunities to develop & utilize Research & innovative thinking skills:** Teamwork + **students'** competency and confidence + knowledge, skills, attitude, and experience-based competency for innovation + Hackathons + Exchange programs	Implemented Active participation of students in: • Hackathon • Technofest • Toycathon • Business Idea competition

	21. **International Exposure:** Collaboration, Faculty, Scholarships, Conferences	**Implemented**
		• Incentives for Faculty Development:
		   ○ FDP for 15 Days
		   ○ Faculty Training during Vacations
		• Patent Processing Cost is borne by the University
		• Professional Membership
		• Travel/ Registration in National and International Conference / Workshops/Industry Visit/ Community Visit.
		• Faculty Student Exchange under Erasmus+

Research, and Intellectual Property Enablers.	1. **Quality Research:** increased research based students + research projects + research projects + research facilities + research labs	Advanced Research Centers and facility available in the university for both faculty and students include: • Center for Artificial Intelligence in Medicine, Imaging and Forensics • Center for Cyber Security and Cryptology • Center for Solar Cells and Renewable Energy • Sharda Social Business Center • Central Instrumentation Facility • DST-FIST Life Sciences • Centre for Virology & Immunology • Molecular Biology of Stress Tolerance • Media Studio • Bio-Positive research lab (Life Science) • Business lab • Animal House • Green House
	2. **Research oriented experienced faculty members:** self-sustaining model + basic **and** applied research + develop disruptive and affordable tech + research-oriented Faculty.	Faculty members at Sharda University have featured in the list of top 2% scientists of the world (as per Stanford University) Researchers also hold Academy fellowship of the following Academies: • National Academy of Sciences • National Academy • Indian Academy of Sciences • National Academy of Medical Science, India • World Health Organization, Geneva
	3. **API based faculty compensation:** strengthening university + Academic Performance Indicator (API) for research + healthy **competition** among faculty	**Implemented** Evaluated broadly on 4 pre-determined goals as mentioned below: (i) **Innovation in Teaching** Includes teaching load, additional courses and projects assigned (Under-

		Graduate or Post-Graduate or Doctorate), Innovations in Teaching & Learning process and Student Feedback. (ii) **Publication, Research & Consultancy Assignment** Includes research publications, project funded or consultancy assignments, book or illustrations, patent. (iii) **Self-Development Initiatives** Includes MOOC courses undertaken, collaborations with Industry (international or national) or external teaching staff, product developed & own Ph.D. work. **(iv) Administrative Activities** Includes additional responsibility at University or School or Department level.
	4. **Targeted research and collaborative research:** identify new fields and Faculty for research, publish papers, and file patents + targeted research, IPR, international brand.	Collaborative Research with both national and internationally reputed institutions: • IIT Delhi, IIT Kanpur, IIT Roorkee, IIT BHU • AIIMS New Delhi • University of Delhi • JNU, New Delhi • DTU, New Delhi • VIT, Vellore • Lady Hardinge Hospital, Delhi • King George's Medical College, Lucknow • NIT, Rourkela, Odisha **International Institutions:** • University of Technology, Sydney • Konkuk University, South Korea • Aalto University, Finland • Florida International University, Miami, US • BRISTOL University of West England • University of Ljubljana • University of Leicester, UK • Chapman University, USA • Sogang University, South Korea • Luleå tekniska Universitet, Sweden • Heriot Watt University, United Kingdom • Bangladesh University, Dhaka • Nicolaus Copernicus University, Poland
	5. **More Ph.D. & post-doctoral research scholars:** appoint more research professors for supervising research scholars + **create/** maintain post-doctoral research & Ph.D. programmes	**Implemented** • No of Ph.D. Scholars 1195 • Ph.D Degree Awarded : 236 • Initiated Post-doctoral Fellowship Programme at the University • About 60 percent of the faculty members possessing Ph.D Degree. • We are in the process of appointing more faculty members possessing Ph.D Degree who can also function as eligible supervisors for our Research Scholars.

	6. **More Faculty members with Ph.D.:** Ph.D. faculty + Ph.D. Faculty to mentor research **scholars**	**Implemented** We are in the process of appointing more faculty members possessing Ph.D Degree who can also function as eligible supervisors for our Research Scholars.
	7. **Faculty encouragement for Book Publications, Research Publications and Patents:** IPR promotion policy for UG & PG Students, Research scholars, and Faculty **members**	**Implemented** To achieve significant research outcomes, we have developed **Comprehensive Research Policy** covering: • Seed fund policy • Incentive policy (paper, book chapter, Book, patent) • IPR policy • PhD & Ethics policy • Consultancy & Training policy (Revenue Sharing) These initiatives for research ecosystem has resulted in: Total Patents : 696 Patents Granted : 148 Patents Published : 548 Patents commercialized / : 06 Under Commercialization Design Registration: : 225 Copy Rights : 75 **Research Publications** Research papers : 5338 Books/Book Chapters : 4371
	8. **More conferences (At least two conferences per year per College):** Keep students active + opportunity for goal-setting and **networking**	**Implemented** • Each School in the University to conduct one major event (national/International) in their School • The calendar of events compiled and displayed so as to avoid overlapping • Faculty and students to attend Conference outside the University • Students are engaged in co-curricular and extracurricular activities via the various clubs and societies of the University and via DSW.
	9. **Student involvement in Research:** student research, scholarly publishable results + boost IPR infra by students.	• Student Innovative Ideas have been given seed fund to initiate research work at UG and PG level • All PG Dissertation work have to have tangible results in the form of patents/publications • RBL, PBL, community connect Projects and Industry linked projects have been embedded in the curriculum to foster research aptitude among students.
	10. **Industry and institutional collaboration & Consultation:** collaboration-based research, create IPR, industry research facilities + collaborative research for patents & publications + live projects.	• Aligning with industry needs via Industry Integration and Knowledge Exchange Cell (IIKEC) resulting in • Student's Industrial Visit • 6-8 Weeks Student's Internship • 6 Months Industrial Training • Workshop, Seminar and lecture series by industry Experts • Joint Project and Research • Problem Based Learning • Product testing

	11. University Incubation centres: Any ideas generated while working on a project or an internship might be fostered and encouraged as a business plan to initiate self-employment.	Implemented • Sharda University Innovation and Startup Policy (SUISP 2020) as per the NISP 2019 • Institution's Innovation Council (IIC) established by the University has received 4 Star rating **Sharda Launchpad** ➢ Recognized by Ministry of MSME, DPIIT, DST & Govt. of UP ➢ Provides support: making business plan, market strategy, product launch, accounting, legal and IPR services ➢ Collaboration with private & government institutions and industry associations **Achievements** • Successfully **incubated 80+ startups** ➢ **50+** Startups have reached revenue generation stage ➢ **5** of them have turnover of **₹ 1 Cr.+**
	12. University Publication through its own press: own **publishing** houses + Online and digital publications	**No University Press**
	13. University publications & Citation service: citation services to their academic members, stakeholders, and general public	**Needs to be addressed**
	14. Target patent claim for UG & PG projects in Professional subject areas: Goals for UG and **PG** students for internships and mentoring for patent & outcome	In Process
	15. Faculty Ranking (Annual) system: API rankings with graded of different levels + Faculty oversight can be reduced	**Implemented** in the Annual Performance Appraisal Policy of the University to enhance equal opportunity for all. Faculty performances are evaluated broadly on 4 pre-determined goals as mentioned below: 　　**Innovation in Teaching** 　　**Publication, Research & Consultancy Assignment**. 　　**Self-Development Initiatives** 　　**Administrative Activities**
	16. Chief Technology Officer (CTO) Research Monetisation: centralised office for research, Technology transfer office, Training **programs** + guidelines + funding mechanisms.	**Implemented** • Research and Development Centre is the centralized office for research • A comprehensive research Policy covering all aspects of research, publications, patents and technology Transfers are mentioned in this policy • Patent Processing Cost of the faculty and students are borne by the University

	17.	**Value added skills enhancement Papers:** enhancing employability, professional knowledge + skill development-based value- added papers by industry experts + experimental **learning**	**Implemented** • Experiential learnings are catered in the following forms: • Studying the community though the Community study and community projects • Startup and entrepreneurship • Identifying industry problems are done by students during their major projects and dissertations. • Problem identification, Project development & Project presentation • Visiting industry/ sites • Hands on experiments in laboratory classes • Via Internships the students study real life systems and processes on sites • Through Extra-curricular and co-curricular Activities in arts, culture, yoga, sports, start-up India, skill India, PMKVY, Swachh Bharat, UNNAT Bharat, NCC, NSS, moot court, Tech.-fest and Chorus • Industry Integrated courses are provided to the students such as AI for and Prompt Engineering
	18.	**Other activities as part of learning:** Proper assessment + cultural and traditional skills + Community connect prog + enhancing competency and confidence + **support** EWS students	Implemented **OBE and CBCS: Industry integration and knowledge exchange cell, teaching learning centre, community connect cell** **Sports and cultural facilities for holistic development** **Dedicated Diversity Clubs established** **Support for EWS**: Fee waiver of up to 100% for economically weaker students to help them realize their career dreams. A total of 1602 students from the economically weaker section (EWS) have been provided scholarship amounting to Ten Crore Eight Lakh Thirty-Seven Thousand Three Hundred Seventy-Six (10,08, 37,376) in the academic year 2022- 23.
	19.	**Earn while learn facility & flexibility:** course design needs to be varied, multi-disciplinary in nature	**Curriculum needs to be designed**
	20.	**Flexibility and multidisciplinarity:** for UG/PG programs + certificate programs + certificate programs with MoUs (**Industry** Academic and others) + work on projects/research under research guide	Implemented ➢ **The Elective Courses offer** Programme specific electives from a Baskets of courses on multiple domains ➢ Minor electives are another aspect that the students can delve in to ➢ **Open Electives also offer** Multi-disciplinary courses ➢ **MOOCs (SWAYAM & NPTEL)** • Other ➢ Additional credit courses / audit courses ➢ Specializations Additionally, the students also have the option of working in industry under the following heads: ➢ Industry Internship/Field Projects ➢ Entrepreneurship-based learning

		➢ Research-based learning ➢ Project-based learning ➢ Capstone projects Certificate programmes with industry such as AI for and Prompt Engineering
	21. Opportunities to develop & utilize Research & innovative thinking skills: Team Work + Enhancing innovative ability of students + knowledge, skills, attitude, and experience-based competency + Hackathons + Exchange programs	Implemented • A Hackathon centre has been developed in the university • Students exchange programmes under Erasmus is place • Curriculum is embedded with skill based and competency based courses
Human Resources and Supportive-Facilitative Enablers	**Human Resource Enablers**	
	1. Student and Learner Enablers: *Holistic Admissions Framework + Merit and Equity-Based Financial Aid + Academic Success Programs*	Implemented • Transparency in admission • A number of scholarships are offered to students depending on the academic credentials and their achievements in sporting and cultural arena. The University grants full to partial waiver on tuition fees payable by the student. • The students on their satisfactory performance in Sharda University Admission Test (SUAT), Personal Interview (PI) and depending on their merit in qualifying exams, shall also be eligible for the grant of various merit scholarships. • Sports Category Scholarships • Scholarship for Children of Military/Para Military/Govt. Security Forces, Serving & Retd. Defence Personnel • Sibling Scholarship • Wards of Sharda University Staff • Innovative Idea Scholarship • Art & Culture Scholarship
	2. Staff Empowerment Enablers: *Competency-Based Recruitment + Professional Development and Growth + Inclusive Induction Protocols*	Implemented • Appointment to all non-teaching positions (including statutory positions) is in conformity to the regulations prescribed by the UGC or the Statues of the University, following a staffing pattern as decided by the Competent Authority, from time to time. • Promotions in the non-teaching cadre is in accordance with the laid down Career Framework, subject to vacancy against an open position, as prescribed in the staffing pattern of **"HUMAN RESOURCE ADMINISTRATION POLICIES AND REGULATIONS POLICIES AND REGULATIONS"** of Sharda University.
	3. Faculty and Researcher Enablers: *Transparent Recruitment and Appointment+ Continuous Professional and Pedagogical*	Implemented • Faculty are eligible for promotion under the Career Advancement Scheme (CAS) through successive stages (stage 2 and stage 3), provided they are assessed and

	Development + Tenure and Promotion Mechanisms	fulfill the eligibility and performance criteria as laid down. • The scheme has been approved for stage up-gradation/ promotion in the grades of Assistant Professor/Associate Professor/Professor in Sharda University as per **"HUMAN RESOURCE ADMINISTRATION POLICIES AND REGULATIONS POLICIES AND REGULATIONS" of Sharda University.** • Review of all the promotion/stage up-gradation cases will be taken up only once in a year i.e.; in October and monetary benefit would be effective 1" January of the following year. Any deviation in this regard will carry express approval of the Vice-Chancellor.
4.	**Cross-Functional Enablers:** *Recognition and Reward Systems + Resilience and Well-Being Programs + Leadership and Collaborative Opportunities*	**Implemented** • In order to promote global standards of education and talent diversity, the pay package to the candidates with exceptional merit (for example: Ivy League qualification / teaching experience, international academic / research credentials), may be benchmarked with international compensation packages. • 'Officiating Allowance' to the teaching staff for additional and substantial administrative responsibility discharged in accordance with the notification issued from time to time. • An employee may also be allowed a separate component of pay/allowances based on his special performances, to the extent and subject to such conditions as the university may decide.
5.	**Strategic Funding and Emotional Support Enablers:** *Innovative Funding Strategies + Emotional Intelligence and Support Networks*	Emotional Intelligence and Support Networks needs strengthening
6.	**Enablers for Pedagogical Innovation:** *Pedagogical Excellence Initiatives*	**In process**
Supportive- Facilitative Enablers		
1.	**Accessibility/ Proximity:**	Sharda's transportation facility (65 + vehicles) Nearest Metro- 3 KM Nearest Bus stand- 3 KM Jewar Airport- 40Kms (to be functional by early 2025) Delhi International Airport – 49.6 Km
2.	**Rich Communication:**	Implemented
3.	**Role Model:**	Implemented
4.	**Institutional values (Core Values):**	Implemented the following core values for all stakeholders in the University: • Initiatives for Gender Equity Promotion • Gender sensitization events • Gender support system • Sensitization towards Constitutional Obligations • Code of conduct for students and employees • Initiatives for inclusive environment

		• Environmental Consciousness • The University provides a strong focus on sensitizing the students on community issues and imbibing essential values & skills to make them socially responsible citizens • It is mandatory for all students to visit community, understand social issues and undertake one community-based project
5.	**Vision:**	To serve the society by being a global University of higher learning in pursuit of academic excellence, innovation and nurturing entrepreneurship
6.	**Institutional Tradition Rituals:**	**Cultural:** • Cultural clubs: Drama, Dance, Music, Arts, etc. • Cross cultural events: Mega cultural fest- CHORUS • Global village: Showcasing Ethnicity, Cuisine & Attire **Regional** • Regional festivals: Saraswati Puja, Lohri, Pongal, Onam, etc. • Celebration of international days: Nepal Day, Africa Day, etc. **Linguistic** • Hindi Divas • International Language Day • International Mother Language • English Communication Skills **Festival**s • Holi • Eid • Diwali • Christmas • Gurunanak Jayanti **Socio-Economic** • Earth Day, World environment day • World health day • Literacy day • Connect with Rural / Urban population in the vicinity
7.	**Alternative strategy & Support network:**	In Process
8.	**Safety & Security**	**Implemented** • 25X4.5 feet screen/video wall • Boom Barriers & Turnstile • Ramps for PWD • Road Signages inside the campus • Two 1200 Bedded Multi specialty Hospital in the campus • CCTV Cameras
9.	**Legacy of the system:** *Respect & perception*	In Process
10.	**Openness in terms of information:**	In Process
11.	**The Ability of the institution to deliver on promises:**	In Process
12.	**Accountability measures:**	**Implemented**

		• AAA audits: Periodic reviews of academic and administrative processes to identify areas for improvement and ensure adherence to policies. • Performance evaluation systems for faculty (PARS-F) staff (KRA), and administrative personnel to assess effectiveness and productivity. • Regularly publish annual reports, audit findings, and progress updates on institutional goals and projects. • Stakeholders feedback sought regularly, including students, parents, faculty, and staff, to provide feedback and voice concerns. • Provide training and resources at the time of induction on ethics and compliance to ensure all members of the institution understand their responsibilities and expectations.
	13. **Mental Health:**	**Implemented** • Counselling Cell • Wellness Clinic • Student Welfare Committee • Grievance Redressal Committee • Anti-Ragging Committee (Appointed Ombudsperson) • Internal Complaint Committee (As per UGC)
Networking and Collaborations Enablers	1. **Strategic Collaborations:** Integrated Partnerships + Alumni Networks + Industry Integration	**Implemented** • Aligning with industry needs via Industry Integration and Knowledge Exchange Cell (IIKEC) resulting in • Student's Industrial Visit • 6-8 Weeks Student's Internship • 6 Months Industrial Training • Workshop, Seminar and lecture series by industry Experts • Joint Project and Research • Problem Based Learning • Product testing Alumni Networking being done through the Alumni Cell of the University
	2. **Academic and Research Excellence:** Cross-Institutional Synergy + Research Collaboration	We have MoU's with academic Institutions in place and also with Industry such as Microsoft, Erasmus, IBM, CIPAM, Mon Ami Foundation, Amazon Web Services and Oracle • 204 National and 118 International • 170+ International Academic tie ups Collaborative Research with both national and internationally reputed institutions: • IIT Delhi, IIT Kanpur, IIT Roorkee, IIT BHU • AIIMS New Delhi, University of Delhi • JNU, New Delhi, DTU, New Delhi • VIT, Vellore, NIT, Rourkela, Odisha • Lady Hardinge Hospital, Delhi • King George's Medical College, Lucknow **International Institutions:** • University of Technology, Sydney

		• Florida International University, Miami, US • BRISTOL University of West England • University of Leicester, UK • Chapman University, USA • Heriot Watt University, United Kingdom • Bangladesh University, Dhaka To name a few
3.	**Practical Exposure and Experience:** Hands-On Learning + Earn While Learn Initiatives	**Earn While Learn Initiatives needs to be addressed**
4.	**Community Engagement and Service:** Social Integration + Civic Partnerships	• 500+ activities through NCC/NSS/ NGOs • Campaign on health, safety, legal advice, ecology, gender equality, civic issues etc. • Medical services to society • Free legal counselling to weaker section • Cleanliness Drive • Received 50+ awards and letters of appreciation for extension and community activities • Community Engagement has resulted visible Outcomes in the form of Useful reports, suggestions, articles, books, publications, product ideas, projects, etc.
5.	**Professional Development and Employment:** Placement Networks + Faculty Consultancy	The Training and Placement Cell of the University offers Comprehensive placement support through robust networks with leading companies and organizations to facilitate job placements and internships for students. Regular placement drives, career fairs, and on-campus recruitment events are done by this Cell to connect students with potential employers. The University has a very comprehensive Training and Consultancy Policy with a clear revenue sharing model.

6.	**Quality and Credibility:** Accreditation and Certification + Adopt Quality Assurance	**National Assessment and Accreditation Council - NAAC A+ (2023)**
		6 Engineering programmes of the University are NBA Accredited:
		    B.Tech. (Electrical and Electronics Engineering)
		    B.Tech. (Electronics and Communication Engg.)
		    B.Tech. (Computer Science and Engineering)
		    B.Tech. (Mechanical Engineering)
		    B.Tech. (Biotechnology)
		    B.Tech.(Civil Engineering)
		Hospital NABH accredited
		Labs NABL accredited
		National Institutional Ranking Framework (NIRF) Rank– 87
		QS Southern Asia University rankings 2024 #219 Rank
		Times Higher Education Impact Rankings 2024**: 302-400 Overall Rank**
		QS I-Gauge awards 2024 : Rated in the Diamond Category

	7. **Innovation and Entrepreneurship:** Startup Ecosystem + Digital Infrastructure	**Implemented**
		• Sharda University Innovation and Startup Policy (SUISP 2020) as per the NISP 2019
		• Successfully incubated 80+ startups
		• 50+ Startups have reached revenue generation stage
		• 5 of them have turnover of ₹ 1 Cr.+
		Digital Infrastructure
		• Smart boards
		• Internet bandwidth
		• Wi-Fi access points
		• Network switches
		• Digital attendance for all staff and students (medical wing)
		E-zone EMS based LMS
		   ➤ Lesson plan
		   ➤ Time table
		   ➤ Quizzes, assignments and tests
		   ➤ Lecture material and report submission
		PeopleSoft based ERP
		   ➤ Registration and student results
		   ➤ HR & finance services
		   ➤ E-Zone: A centralized data repository system
		   ➤ Other campus solutions (purchase, inventory, etc.)
		• AWS for ERP and e-zone
		• Internal e-content repository
		• Campus NPTEL server

Physical Enablers	1. **Smart Campus:** Economical, comfort, risk and resilience + detects and fixes small problems before they grow + performance infrastructure	Implemented
		• Good ambience in laboratories
		• Adequate computer facilities (student-computer ratio is around 1:5)
		• Laboratories equipment to support project based learning
		• Experimental devices for projects and research
		• Hardware kits to design systems and products
		• Simulation software for modelling and performance analysis
		   ➤ State-of-the-art Library
		   ➤ classrooms and meeting rooms with Smart Boards
		   ➤ Community Radio - Suno Sharda Radio & Sharda TV
		   ➤ Hospitals
		   ➤ Outdoor and indoor sports & cultural facilities
		   ➤ Cafeterias
		   ➤ Bank
		   ➤ ATM
		   ➤ Grocery Shops
		   ➤ Money Transfer Services
		   ➤ Boys and Girls Hostel
		   ➤ Staff Quarters
		   ➤ Pharmacy
		   ➤ Stationary Shops & Photocopy centres
		   ➤ multi level car parking

	2. **Green/ Sustainable building:** green buildings (Basic) + open environment optimum water & energy use + green energy, harvested water, renewable and recycled resources + Central AC clean-green environmental concept. (Aspirational)	Implemented
		Alternate energy and conservation
		• Roof-top Solar energy Panels
		• Biogas plant
		• LED Lights
		• Sensor based lights
		Water conservation
		• Rainwater harvesting
		• Bore well
		• Underground tank
		• Wastewater recycling facility
		• Water body
		Management of Waste
		• Solid waste (in-campus Compost)
		• Liquid waste (STP, ETP)
		• Bio medical waste -Govt. authorized vendor
		• Hazardous waste -Govt. authorized vendor
		• E-waste (vendor)
		• Vermicompost
		Quality audits on environment and energy
		• Green audit ISO 14001-2015
		• Energy audit
		• Environmental audit
		Massive tree plantation
		Pollution Awareness
		  ➢ **Anti-Smog Gun** to control the dust
		  ➢ Air quality index (AQI) zonal monitoring centre
		  ➢ Special environmental research team for "smog" over Greater Noida
		Green campus award: 23rd Green Institutional Ranking :2022 Centre of Excellence, India

	3. **Infrastructure to commute:** infrastructure with PwD signage + Access to high-quality motorways for bicycle or battery-powered vehicles. + Accessibility for PwD	Implemented • Battery carts • CNG operated buses • Ramps for PWD • Parking for Divyangjan • Washrooms for Divyangjan • 2 Wheeler parking
	4. **Administrative Block (Admission & Counselling Area):** such as admission and counseling activities (essential) + adequate Fac Cubicles (Desirable) + Different departments Different buildings (Aspirational)	**Implemented** • Academic blocks - 7 • Adequate faculty cabins • Separate Administrative Block comprising of Admission and Counselling Areas
	5. **Library/ Digital resource centre:** Good reading rooms, storage of books & Journals with online information access	**Implemented** • 1 Central library and 8 School libraries • Total area of the central and school libraries **(6,418 sq. mtr.)**

		• Books **: 1, 50, 000+** **(12 books per student)** • Book Titles **: 18, 000+** • E-Books **: 2, 11, 000+** • Print journals **: 7, 500+** • E-Journals **: 29, 000+** • E-subscriptions and **: 25+** Memberships • Books Issued/Month (On average 30, 000) • Koha (integrated library management) • OPAC & DELNET available • RFID based system • Automated self-circulation • Automated issue • Automated return • Other facilities • Digitization • Digital drop box • Plagiarism software – Turnitin and Urkund • Computer facility
6.	**Lecture Complex, Classrooms:** with comfortable seating and teaching-learning facilities.	**Implemented** • Classrooms with comfortable seats • Laboratories • Seminar halls • Workshops • Boardrooms • Classrooms with Swayam Prabha DTH • Classrooms with Lecture capturing system • Auditoriums
7.	**Tutorial rooms:** Video Recording Facilities	Tutorial rooms available in each department of each school all these tutorial rooms are equipped with smart boards
8.	**Examination branch:** separate examination branch with strong room for confidential documents and examination papers.	**Available** • The Examination Branch is separate and is headed by the Controller of Examinations. • It is adequately staffed. • Consists of a strong room for confidential documents and examination papers
9.	**Facilities to Faculty and Staff:** good faculty chambers for Faculty and research scholars, etc. (Basic) + residential facilities for faculties/ staffs. (Desirable)	**Implemented** • Residential facilities for faculties/ staffs • faculty chambers for Faculty and research scholars
10.	**Meeting rooms:** with enough space, furniture, and electronic communication/presentation equipment.	**Implemented** • Boardrooms -25 all well equipped with suitable furniture and smart boards.

	11. Office Rooms: Suitable for meeting the needs of all staff members	**Implemented** • Each School has its own administrative office which includes the offices of the dean and their supporting staff members. • All faculty members have their own dedicated faculty cabins/spaces.
	12. Laboratories and Research Centres: Lab and advanced research centers (Basic) + Departmental Lib. reference books & online resources. (Desirable)	**Implemented** • 215 + laboratories available • Advanced Research Centres available • Departmental and Central Libraries available • Online Books and Journal Available
	13. Computer Centre/ Multimedia Studios: Computer: Student Ratio (Basic) + Multimedia Studios for digital contents good facilities. (Aspirational)	**Implemented** • Computer laboratories **44+** • Computers (student-computer ratio less than 1:5) **2521** • Media centre (with smart board) • Classrooms with Lecture capturing system classrooms
	14. Cafeteria/Dining Room/ Mess Facility: with modern equipment for quality, cleanliness, and hygiene. (Basic)	**Implemented** ➢ Cafeterias ➢ Mess inside each hostel (11 hostels, separate for boys and girls) ➢ Food kiosks & joints
	15. Games & Sports: Playground and indoor Stadium. (Basic) + GYM, Swimming Pool, Stadium and High Tech Playgrounds, Modern type indoor stadium with multi-purpose arena (Aspirational)	**Implemented** |	
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• Basketball court	• Gymnasium
• Badminton court	• Yoga rooms
• Space for NCC Drill	• Martial art room
• Ceremonial lawn	• Squash court
• Football ground	• Foosball table
• Cricket ground	• Badminton court
• Volleyball court	• Carom
	• Table tennis
	• Chess	
	16. Auditorium add conference rooms: auditoriums / conference rooms (Basic)	Implemented Auditoriums **5** Seminar halls - 38 **38**
	17. Hostels: Student Hostels: at least 60% students. (Basic) + · Research Scholars Hostels with contemporary facilities (Desirable)	Implemented ➢ 5 Boys hostels ➢ 5 Girls hostels ➢ 1 Common hostel for PG students ➢ Cloak rooms All equipped with contemporary facilities

	18. Parking: Basic Parking + International Student Hostels (Aspirational)	**Implemented** International Student Hostel available Multi-level parking available 2 Wheeler parking available
	19. Exhibition Hall: Adequate Infra for Academic/Vocational/Skilling	**Implemented** • Classrooms- 257 • Laboratories - 215 • Seminar halls - 38 • Workshop- 4 • Board rooms -25 • Auditoriums – 5 • Classrooms with Swayam Prabha DTH classrooms -13 • Classrooms with Lecture capturing system classrooms - 8 • Computer laboratories – 44
	20. Guest Accommodation: guest house (Basic) + 5star guest house (Desirable)	**Implemented** 16 Double bedded well-furnished guest rooms are available in the campus
	21. Commercial Shops/ centers: Convenience Shops (Basic) + Shopping Complex (Aspirational)	**All basic amenities such as the following are available in the campus:** ➢ Cafeterias ➢ Bank ➢ ATM ➢ Grocery Shops ➢ Money Transfer Services ➢ Pharmacy ➢ Stationary Shops ➢ Photocopy centres ➢ Salon ➢ Food kiosks & joints ➢ Laundry
	22. Health and wellbeing: 24*7 Modern Dispensary with IPD & OPD. (Desirable)	**Implemented** • Two Hospitals 1200 bedded each with IPD, OPD, Pharmacy all available • Abhivyakti Wellness Clinic run by Sharda School of Humanities and Social Sciences is dedicated to focus on mental health and holistic well-being of students. • Additionally, we also have a Psychological Counselling Cell team which includes Chief Psychological Counsellor, Counsellors, and Student Counselors/Coordinators. This cell is offering services to all age groups be it student, faculty, and staff.
	23. Student recreation facilities: Modern Student recreation facilities (Desirable)	• Football ground - 1 • Cricket ground-1 • Volleyball court- 2 • Basketball court - 4 • Badminton court - 5 • Space for NCC Drill - 2 • Ceremonial lawn – 1 • Gymnasium - 1 • Yoga rooms - 4 • Martial art room - 1

			• Squash court - 2
			• Foosball table - 1
			• Badminton court - 3
			• Table tennis - 11
			• Carrom
			• Chess
			• Dance, drama & music rooms - 1 each
			   • Clubs
			     ➢ Cultural **9**
			     ➢ Sports **12**
			     ➢ Yoga **1**
			• Cafeterias
			• Beautifully landscaped gardens and outdoor areas for relaxation, walking, and informal gatherings.

	24.	**International student centres:** With contemporary student amenities whenever, international students are large in number (Aspirational)	In Process
	25.	**Incubation centre and Research Park:** With in-house industry R & D units & collaboration (Aspirational)	• Innovation & incubation centre established: Sharda Launchpad, IIC, SU-ISP • Research park in process
	26.	**Botanical Park/ Garden:** Natural type, with a documented collection of living plants that may be used for the purpose of scientific research, conservation, display, and education	In Process
	27.	**Vocational Education, Training and Skilling infrastructure:** Infra, equipment, machinery and tools, computer labs and technology labs	• Vocational courses have been implemented in all NEP Programmes. • Separate Vocational Labs are under process
Digital Enablers	1.	**Internet usage:** Connecting external world through an electronic device to the stakeholders	**Implemented** Internet bandwidth : **4.2 GBPS** Wi-Fi access points : **950** Network switches : **438**
	2.	**Website:** For providing institutional information to the public	Implemented https://www.sharda.ac.in/
	3.	**Online Messaging stakeholders' groups:** For vertical and horizontal communication between Stakeholders	Implemented E zone has been utilized to disseminate the information to parents, students and faculty regarding attendance, result, student issues etc
	4.	**Online Blogs & sites for every course:** To provide course information and progress of students to stakeholders and publics.	In process

	5.	**Wi-Fi Campus:** To access online ubiquitous information in the campus and classes.	**Implemented** Internet bandwidth : **4.2 GBPS** Wi-Fi access points : **950** Network switches : **438**
	6.	**Online Study material:** Develop of study materials both in audio, video, and text as additional support.	**Implemented** • More than 3000+ lecture materials developed by our Sharda faculty and available on Uttar Pradesh Higher Education Digital Library • In-house PPTs as study materials developed for every course and uploaded on E zone ever semester • Video lectures developed for students every semester using media center uploaded on our LMS portal
	7.	**Digital Library:** Develop and update digital library. Can collaborate with national /Global digital libraries for this.	E-Books : 2, 11, 000+ E-Journals : 29, 000+ E-subscriptions & Memberships : 25+ Koha (integrated library management) OPAC & DELNET available RFID based system • Automated self-circulation • Automated issue • Automated return Other facilities • Digitization • Digital drop box • Plagiarism software – Turnitin and Urkund • Computer facility
	8.	**Digital Publication:** own publication for books, newsletters, magazines, journal proceedings, and printing question papers for examinations. (with Online access)	• Online Campus Magazine - The Shardans • Additionally, we also have online newsletters published from different Schools of the University like, The Brightside, Wavelength, Electronika, Boardroom, Prima Facie, Pharma Fusion, Pulse, Media Buzz, to name a few. • Question papers are printed in the University itself.
	9.	**Paperless office:** Provide an online office environment to cater the services of stakeholders.	**Implemented** One of our best practices of the University is green practices, wherein paperless operations are being done through extensive e-governance to name a few: • PeopleSoft – management of Student, Examination, Finance & inventory, HR and Employees • Miracle HIS: Hospital administration • Co-cube AMCAT: Placement & Admission • TED software: Mentoring system • Limitless mobile VMS: CCTV • E-Zone EMS: OBE- curriculum, assignments/ quiz, lesson plan, CO-PO mapping, study material, course files, attainment, attendance, dissertation and thesis • Vaave: Alumni portal • E-Zone: Central repository • Continuum Electro Products Llp: Biometric attendance • Idcube: Turnstile & visitor management

	10. **Paperless exams:** Digital examination system eliminates the wastage of papers in the examination process.	• **Implemented in all aspects expect conduction of End Semester Examination (ESE). The implemented areas are:** • Online Question bank • Online Moderation of question papers • Online Question paper generation • Online hall ticket • Online Generation of verification card • Online quizzes • Online assignments evaluation • Portal -based seating plan for MSE and ESE • Portal-based examination attendance
	11. **Online Evaluation:** Automated & digitized system to speeds up the evaluation process.	**Implemented** • Online **Coding** of answer sheets first done • Online **evaluation** is being done • OMR **based** question wise marks capturing and uploading • Online grading
	12. **Website based result announcement:** Ubiquitous reachability.	**Implemented** • Online result declaration
	13. **NAD marks cards Facility:** A convenient and completely secure digital academic depository solution.	**Implemented** • Online **grade card & transcripts** • **Degree depository "Digi Locker"** • **Degree v**erification **"Pitney Bowes"**
	14. **Online admission test:** A ubiquitous facility for global admission	**Implemented** • Sharda University has a is clearly defined and effectively implemented admission policy in place. It aligns with the university mission and educational philosophy. • The admission of students in the University is based on merit, providing equal opportunity to all without any prejudice towards gender, religion, caste, creed, race, nationality or place of birth of a student. • The merit for admission in the University is determined on the basis of grades/marks obtained in the qualifying examination together with attainments in co-curricular and extra-curricular activities etc. and/or on the basis of marks or grades obtained in the entrance test conducted by the University or by any State/National level agency. • For Undergraduate admission: Applicants must have passed 10+2 in the relevant stream and be 17 years of age on December 31 of the academic year in which they are seeking admission • For Postgraduate admission: Applicants must have completed graduation in the relevant discipline National exams: Applicants must have valid scores in national exams like JEE, NATA, CLAT, CAT, MAT, XAT, and NEET. Applicants for MBA programs must also appear for a group discussion (GD) along with PI

	15.	**Education ERP:** To integrate various departments of the university for timely exchange & access of information.	**Implemented** PeopleSoft based ERP • Registration and student results • HR & finance services • E-Zone: A centralized data repository system • Other campus solutions (purchase, inventory, etc.) AWS for ERP and E-Zone • ERP based platform (E-Zone): up-to-date documentation process • E-Zone EMS (ERP) based data management for evaluation of outcome attainment Assistance to the faculty by providing • Technical support • Operational support for ERP based LMS ERP Based CO/PO attainment ERP: Session Plan, Timetable, Quizzes, Tests, Assignments, Projects/ Dissertation Turnitin Software for Plagiarism check • ERP Based grievance redressal
	16.	**Plagiarism software facility:** A software facility available to every stakeholder to check plagiarism content in the documents.	**Implemented** **Plagiarism Checker** • The library has subscribed to Turnitin Anti-Plagiarism software. • It is a digitalized, fully-automated system for detecting plagiarism. • The students/faculty/staff need to check their project reports, (Final/Summer) thesis, article, assignments, Community Connect Report etc. for plagiarism using this software.
	17.	**Online digital magazine & Student publication:** In online publication. Digital format through University	**Implemented** • Campus **Magazine - The Shardans** • Additionally We also have online newsletters published from different Schools of the University like, The **Brightside, Wavelength, Electronika,** Boardroom**, Prima Facie, Pharma Fusion, Pulse, Media Buzz,** to name a few**.**
	18.	**Online placement (Project, internship, & final):** Online ubiquitous support.	**Implemented** • The Department of Training & Placement works closely with various schools and carries out its activities through a process driven approach as detailed below: • Establishing relations with the Alumni • Developing and nurturing corporate relations with various companies in different sectors. • Arranging / facilitating Guest Lectures, Seminars, Workshops, Internships, Field visits, Joint projects, Joint research etc. with the companies • Establishing new associations with companies through CEO Forum • Working in close coordination with industry associations such as FICCI, ASSOCHAM, CII, PHD Chambers 6.

		Placement facilitation by engaging students, faculty and corporate.
		• Third party assessments are carried out by the department to assess Employability and sector fitment of the students. Technical training on various latest technologies is provided by the department and Soft skills, Aptitude and English training is provided by the training division of Sharda Skills.
		• More than 300 companies from various sectors, many of them Fortune-500 companies, are invited by the Placement Department. Companies like Amazon, Google, TCS, Wipro, HCL, IBM, HCL Technologies, Cognizant, Sapient etc. are regular recruiters.
19.	**Video documentation of each course & each College:** For open information access from globally	In Process Uttar Pradesh Higher Education Digital Library has 3000+ lecture materials uploaded by Sharda Faculty members. E contents have been developed for SWAYAM and IGNOU by Sharda University Faculty members. More are under process.
20.	**Video documentation on online public platforms:** For open information access from globally	E contents have been developed for SWAYAM and IGNOU by Sharda University Faculty members. More are under process. More are under process.
21.	**Social media based promotions:** Information access & Brand building promotions	**Implemented** • A robust content strategy has been implemented, featuring educational posts, institutional achievements, event promotions, and engaging multimedia content tailored to different social media platforms. • Interactive content such as polls and live streams, and virtual tours to foster a sense of community. • Successful partnerships with influencers, alumni, industry experts, and educational institutions have been established, enhancing our reach and credibility through highlighted collaborations and joint initiatives. • Targeted social media advertising campaigns are run to reach prospective students, alumni, and other stakeholders
22.	**Use of ICCT underlying technologies like AI, BA, CC, DS, MB, OC, VR & AR:** Adopting present technologies in automating the services	**Implemented** • We have implemented AI-driven chatbots for efficient student and faculty support, • Automated grading systems to streamline evaluation processes. • Utilized DS and BA for data-driven decision-making, optimizing resource allocation (like class rooms, Laboratories, Auditoriums etc.) for enhancing academic and operational efficiency. • We have adopted cloud-based solutions for scalable and secure data storage, enabling remote access to resources (learning materials, library access etc.) and seamless collaboration.

			• Our curriculum is integrated with VR and AR technologies for immersive learning experiences, enhancing practical knowledge and engagement.
	23.	**Studio for video online classes:** Studio for digitization of sound and scene	**Implemented** • We have in the campus a Media Studio • The Media centre equipped with smart board has Video recording and editing facilities
	24.	**Video conference facility:** For global information exchange in digital format	**Implemented** • Our video conference facility enables global information exchange, connecting students and faculty with international experts and institutions. • We utilize video conferencing technology to facilitate digital collaboration, virtual meetings, and webinars, enhancing our global academic and research partnerships.
	25.	**Online open Publication system:** For exchange of new knowledge generated to everybody through open access system	**Not available**