

### Technical Requirements

Modules	Description
1. Database Creation	<p>The smart placement system shall capture data of alumni, students and companies, when they register on the platform. The platform must have following comprehensive and useful features:</p> <ol style="list-style-type: none"> <li>Department and course mapping with the institute, so that student can register with minimum effort</li> <li>Automatic validation of alumni and students through a registration process</li> <li>The platform must capture information regarding marks, course, department, skills, area of interest and personal information.</li> <li>Resume Builder, CV Verification, Filtration&amp; Export.</li> </ol>
2. Recruiter Management System	<p>Platform should allow the admin to manage and evaluate each recruiter more effectively by:</p> <ol style="list-style-type: none"> <li>A structured database with respect to each company's recruitment status.</li> <li>Mapping them based on sector and roles</li> <li>Average salary, roles and vacancies offered.</li> <li>Time bound and right based access to students eligible for the role.</li> <li>Freezing and unfreezing the roles</li> <li>Customization of hiring process with multiple rounds for each job.</li> <li>Invitation sending, Email Integration</li> </ol>
3. Scheduling of placement drives and online Interviews	<p>The platform must facilitate following features to manage various training and placement drives:</p> <ol style="list-style-type: none"> <li>Platform must provide facility to invite students / faculty based on batch, course, skill and career interest</li> <li>Provide analysis about the number of registrations, so that logistics can be managed.</li> </ol>

	<ul style="list-style-type: none"> <li>iii. Plan and automate the event calendar so that the users don't miss the event.</li> <li>iv. Automatic event notification and reminder before events to increase participation.</li> <li>v. Online Notice Board</li> </ul>
4. Automation of Placement Process	<p>The system should be able to automate the placement process like:</p> <ul style="list-style-type: none"> <li>i. Communication with all the stakeholders like students and company</li> <li>ii. Placement Calendar</li> <li>iii. Placement analytics for NAAC and NIRF</li> </ul>
5. Career and Job Support	<p>The platform must provide various job opportunities on daily basis for the students, the platform must ensure:</p> <ul style="list-style-type: none"> <li>i. Recommendation of relevant jobs to students on their dashboard</li> <li>ii. Easy ways for applying to a job</li> <li>iii. Recommendation of jobs based on education, skills, location and industry</li> <li>iv. Identify companies and jobs where fellow alumni are working</li> <li>v. Posting of jobs and internships allowed for alumni to share career opportunities</li> <li>vi. Automatic update on application status about rejection, selection, offer letter and further process</li> </ul>
6. Virtual Recruitment Drive Management	<p>Virtual Recruitment Drive platform features:</p> <ul style="list-style-type: none"> <li>i. Creating a virtual job fair activity for one or more companies</li> <li>ii. Allow applicants to register and apply for the jobs virtually.</li> <li>iii. Reports creation on number of applicants for each company and role</li> <li>iv. Result declaration process</li> </ul>

7. Communication Facilities	<p>The platform shall provide features like:</p> <ul style="list-style-type: none"> <li>i. Email communication module, with unlimited emails</li> <li>ii. SMS Integration and automation</li> <li>iii. WhatsApp Integration</li> <li>iv. Mobile App Notifications</li> <li>v. API Integration with Google Calendar, social media like LinkedIn, Instagram and Facebook for easy sharing of communication.</li> <li>vi. WhatsApp based chatbot.</li> <li>vii. Zoho CRM Integration.</li> <li>viii. Virtual meeting on Platforms like Zoom, Webex and google meet to be integrated.</li> </ul>
8. Smart Alumni Management System	<p>Platform needs to have following features:</p> <ul style="list-style-type: none"> <li>i. Should be able to share important events and news with alumni</li> <li>ii. Alumni should be able to connect with each other</li> <li>iii. Alumni should be able to share important information with TPO</li> </ul>
9. Profile score for all applicants	<ul style="list-style-type: none"> <li>i. Platform should have a standardized tool for calculating profile score for better benchmarking</li> <li>ii. Filtering data based on profile score and profile completion</li> </ul>
10. Secure Logins	<ul style="list-style-type: none"> <li>i. No unauthorized user should be able to login</li> <li>ii. Only current students and alumni of the university should be able to access the integrated system.</li> </ul>
11. Career Counselling	<p>Platform should support career counselling with following features:</p> <ul style="list-style-type: none"> <li>i. SWOT Analysis</li> <li>ii. Goal settings</li> <li>iii. Time management and stress management</li> <li>iv. Value based education</li> <li>v. Comprehensive career report</li> </ul>



12. Relevant content and employability trainings	<p>The platform shall be able to provide content like:</p> <ul style="list-style-type: none"> <li>i. Quantitative Aptitude</li> <li>ii. Logical and verbal reasoning</li> <li>iii. Data analytics and puzzles</li> <li>iv. Communication skills</li> <li>v. Resume building and interview skills</li> </ul>
13. Secure Access to information	<p>Platform must have very strong security and privacy features, giving lot of flexibility to administrator towards giving access to information.</p> <ul style="list-style-type: none"> <li>i. Administrator should be able to create sub-admins with limited rights.</li> <li>ii. Admin is allowed to give rights to add content or placement events, without the right to publish it publicly.</li> <li>iii. Specific roles like jobs only, event only, department only could be given to sub admins thus ensuring security of the process.</li> </ul>
14. Online Member Directory	<p>Platform should help institute to maintain active user directory with following search features:</p> <ul style="list-style-type: none"> <li>i. Marks, Position, Location, Skills, Department, Batch etc.</li> <li>ii. Skill based search should be further refined into technical/Operational skills, Behavioral skills</li> <li>iii. Certifications.</li> <li>iv. Search based on training course completion status, helps decision makers to identify the student with better placement chances.</li> <li>v. Directory allows search based on global map, showing alumni, companies and student location on Google Maps</li> </ul>
15. Placement Reports	<p>Platform should help institute to maintain:</p> <ul style="list-style-type: none"> <li>i. GNDU Main Campus and Regional Campus wise placement registrations and records of appeared</li> <li>ii. Department wise placement registration and records</li> <li>iii. Various programs to be</li> </ul>

	differentiated as full time, online and distance education
16. Individual student Tracker & complete UG & PG Batch tracker & batch wise Performance Tracker	<p>Platform should help the institute to maintain:</p> <ol style="list-style-type: none"> <li>Total Companies Participated – Number of companies where student/s have applied (with company details)</li> <li>Total Companies eligible – Number of companies where student/s was/were eligible (with company details)</li> <li>Round-wise Performance Tracker – Track students across interview rounds (Test, Written, GD, Technical, HR, etc).(with company details)</li> <li>Final Status of the student/s– Placed / Unplaced/Not Interested/Blocked</li> <li>Branch Performance Tracker – Track Branch performance tacker.</li> <li>Download the report in Excel template/ PDF &amp; PPT format</li> </ol>
17. Alumni and Student / Batch Management System	<p>Platform should take away major hassle of managing updated information of departments / batch and their eligibilities by:</p> <ol style="list-style-type: none"> <li>Dual verification of student information both by student and respective department</li> <li>Real time snapshot of entire batch based on skills, eligibility, skills and qualification available to placement office.</li> <li>Job based smart shortlisting engine to save efforts on selecting eligible candidates from the entire batch</li> <li>Alumni shall be managed as per their pass out year, class and admission year.</li> </ol>

18. Company tracker	<p>Platform needs to help the institute in providing:</p> <ol style="list-style-type: none"> <li>Total Number of companies participated/job postings opened in process completed, ongoing and on hold.</li> <li>Total offer made with the breakup of UG &amp; PG. Kind of roles/profiles offered. Total Full Time openings, Intern + Full Time openings, Only Intern openings, Number of students available for a specific company with list of students along with program</li> <li>Number of students applied for the company (with list of students with programs)</li> <li>Round-wise Students Performance Tracker – Track students across interview rounds (Test, Written, GD, Technical, HR, etc). (with student details) for ex: Number of students clearing the OA ,GD, Technical, HR &amp; final offer )</li> <li>Download the report in Excel template with the below points: <ol style="list-style-type: none"> <li>Designation offered</li> <li>Company Name</li> <li>Hiring Type: Full Time /Intern + Full Time /Only Intern</li> <li>Date of Visit &amp; mode of hiring: Hybrid/Physical/Virtual</li> <li>Company category for ex: A+, A or B or Doubling/Dream etc.</li> <li>Company process Status completed, ongoing and on hold.</li> <li>Space to add important Remarks</li> <li>CTC offered</li> <li>Location</li> <li>Eligibility CGPA criteria</li> <li>Eligible Branches</li> <li>Number of Students Eligible</li> <li>Number of Students Applied</li> <li>Number of Selected Students</li> <li>Admin should have the flexibility to edit or upload a specific exceltemplate as per requirement</li> </ol> </li> </ol>
19. Placement Tracker	<p>Platform needs to provide following reports :</p> <ol style="list-style-type: none"> <li>Compensation: Highest, Median, Average, Lowest</li> <li>Stipend: Highest, Median, Average, Lowest</li> <li>Branch-wise number of total offer count with</li> </ol>



	category iv. Branch-wise number of companies count (with company details) v. Branch-wise and overall stipend count vi. Download the report in Excel template and PDF format.
20. Placement Rules & Policies of Placement	Platform needs to take care of : Attendance Rules, Eligibility Criteria, Placement Rules, Penalization Rules.
21. License Type	Per student per year
22. Number of Years	Minimum three years agreement (1+2)
23. Development Type	Online
24. Mobile Platform Support	Available
25. Free updates and upgrades within support period	Available
26. Components of the solution	e-learning, e-tutoring, e-coaching, e-monitoring and collaborative learning
27. Compatibility	Android, Windows, Mac and Linux, IOS and Android App.
28. Support	Online Support through Toll-Free number / email
29. Preference to be given	Make in India, Local Supplier, Start-up India, MSME Supplier