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Ashok Hanjagi <pmebdirector@bub.ernet.in>

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Dear Sir / Madam,

Greeting from PMEB, Bangalore University!

I am happy to tell you that the Hon'ble Vice Chancellor had formed a committee to frame Institutional Development Plan (IDP) of Bangalore University in the mid of 2025. Accordingly, the committee has framed and submitted the IDP to the Planning, Evaluation and Monitoring Board (PMEB) on February 25, 2026 chaired by Hon'ble Vice Chancellor.

The Board appreciated and approved the IDP and directed PMEB to share with BU teachers to get valuable inputs so that BU IDP can take more look.

Hence, I request all the respected teachers to go-through the IDP enclosed herewith and give your valuable inputs. Any inputs shall be made to PMEB office e-mail in 10 days prior from the date of this message.

With the best regards,

Prof. Ashok Hanjagi

Director, PMEB

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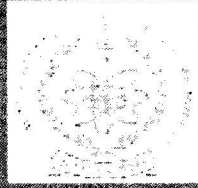
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Karthikeyan

for put in a website

BANGALORE

UNIVERSITY



NAAC Accredited
with

INSTITUTIONAL DEVELOPMENT PLAN (IDP)



A ROADMAP TOWARDS BECOMING INSTITUTION OF
EMINANCE
(2025-2030)

FOREWORD BY VICE CHANCELLOR

It gives me immense pleasure to present the *Institutional Development Plan (IDP)* of Bangalore University, a visionary roadmap that outlines our strategic goals, academic aspirations, and developmental priorities for the years ahead. Rooted in the principles of excellence, equity, and sustainability, this IDP is a forward-looking document that aims to transform Bangalore University into a nationally and globally recognized center of academic distinction, research innovation, and social relevance.

As one of the premier institutions of higher learning in India, Bangalore University has continuously evolved to meet the changing demands of society. This IDP is in consonance with the objectives of the University Grants Commission (UGC), focusing on multidisciplinary learning, digital empowerment, internationalisation, capacity building, and institutional governance.

The plan emphasizes strengthening our academic departments, establishing Centers of Excellence, fostering innovation, upgrading physical and digital infrastructure, and promoting vibrant industry-academia linkages. It also envisions a student-centric, inclusive, and research-driven campus that supports lifelong learning and holistic development.

I am proud to state that the Institutional Development Plan has come out *well* under the able Chairmanship of Prof. Ashok Hanjagi, whose leadership, vision, and commitment—along with the dedicated efforts of his team—have shaped this comprehensive and implementable document. Their rigorous analysis, stakeholder consultations, and strategic foresight deserve appreciation.

I extend my sincere gratitude to all faculty members, administrative staff, students, and other stakeholders who contributed to this important initiative. This document shall serve as a beacon to guide our growth trajectory in the coming decade.

Prof. Jayakara S. M.

Vice-Chancellor, Bangalore University

INSTITUTIONAL DEVELOPMENT PLAN (IDP) COMMITTEE

1	Dr. Ashok D Hanjagi Senior Professor & Director, PMEB	Chairperson
2	Dr. Parameshwar V. Pandit Senior Professor, Department of Statistics	Member
3	Dr. M. Hanumanthappa Senior Professor, Department of MCA	Member
4	Dr. Nagaraj B.C. Professor and Director, IQAC	Member
5	Dr. K. Nirmala Professor and Dean, Commerce and Management	Member
6	Dr. Chaluvaraju B. Professor, Department of Mathematics	Member
7	Dr. S Y Surendra Kumar Professor, Department of Political Science	Member
8	Dr. Puttaswamiah S Professor, Department of Economics.	Member
9	Dr. Satish Gowda Professor, University Law College	Member
10	Dr. Vahini Professor, Department of Electronic Media	Member

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INTRODUCTION

Overview of Bangalore University (BU)

Bangalore University was established in the year 1964 with 32 colleges and a student population of 16,000. Over the period, it has grown as one of the largest Universities in the country and in Asia with about 720 affiliated colleges and a student population of about 4 lakhs, prior trifurcation. Bangalore University was trifurcated into, Bangalore University, Bengaluru City University, Bengaluru North University, during the year 2018-19. Presently it has 294 affiliated colleges, 42 P.G. Departments, 2 constituent colleges and a PG Centre at Ramanagar. University is accredited by the National Assessment and Accreditation Council (NAAC) with **5 Star** status in the first cycle, '**A**' grade in the 2nd and **3rd Cycle with CGPA of 3.16**. In 2023, Bangalore University has got A++ grade with CGPA of 3.75 by NAAC in the 4th Cycle. **University has secured 65th position** among Indian Universities category in national Institute Ranking Framework (NIRF) 2025 by Ministry of Human Resource Development, Government of India. 249th position globally in Graduate employability Ranking 2021 as listed by Times Higher Education. Presently BU has UG, PG and PhD programmes in Arts, Science, Commerce & Management, Education and La faculty

The faculty and departments in the university:

Faculty of Arts	Communication, Economics, English, Hindi, History, Kannada, Philosophy, Political Science, Rural Development, Sanskrit, Sociology, Social Work, Telugu, Urdu, Visual Arts, and Women Studies, Performing Arts
Faculty of Science	Apparel Technology, Biochemistry, Botany, Chemistry, Computer Science, Electronic Science, Electronic Media, Environmental Science, Geography, Geology, Library Science, Life Science, Mathematics, Microbiology, Physics, Psychology, Statistics, Zoology, and Yogic Science
Commerce and Management	Commerce, and Management
Faculty of Law	Law
Faculty of Education	Education, Physical Education

Vision

To promote excellence in education for a vibrant and inclusive society through knowledge creation and dissemination.

Mission

To impart quality education to meet national and global challenges.

To blend theoretical knowledge with practical skills.

To encourage the faculty to pursue academic excellence through high quality research and publication.

To provide access to all sections of society to pursue higher education.

To promote the use of new technologies in teaching and research.

To inculcate right values among students.

To promote leadership qualities among students.

To produce socially sensitive citizens.

To contribute towards nation building.

To hasten the process of creating a knowledge based society.

MAIN OBJECTIVES AND GOALS

1. To define and operationalize a forward-looking vision and mission:

Articulate a dynamic and inclusive Vision and Mission for Bangalore University that reflects its academic heritage, regional relevance, and future aspirations. The IDP will align these goals with national frameworks such as UGC-IDP Guidelines, NCER, NEP 2020, and the UN Sustainable Development Goals (SDGs). This alignment will ensure that all academic, research, and extension activities resonate with the global and national mandates for higher education reform, with a special emphasis on sustainability, digital transformation, and societal impact.

2. To undertake comprehensive institutional assessment through participatory consultations:

Engage all stakeholders-students, faculty, researchers, alumni, industry, and civil society-through a wide consultative process to assess the University's present status, strengths, and developmental needs. The IDP will emphasize inclusivity in decision-making, using feedback to shape strategies tailored to BU's multi-campus ecosystem, disciplinary diversity, and regional priorities.

3. To identify and address capacity and organizational gaps:

Conduct gap analysis of human, infrastructural, technological, and financial capacities. This will be grounded in the specific priorities of the University, such as

resources.

4. To develop Annual Action and Capacity Building Plans:

Prepare actionable, year-wise capacity-building plans with defined priorities, timelines, and budgets. These will include faculty development, research enablement, laboratory enhancements, student skilling, and digital resource deployment. These activities will promote a culture of continuous improvement and will be reviewed annually against key performance indicators.

5. To implement a transparent and inclusive development ecosystem:

Institutionalize an accountable, technology-enabled framework to guide the University's holistic development. The IDP will promote digital inclusion, e-governance, smart classrooms, and student-centric services. Emphasis will be placed on diversity, equity, accessibility, and regional development, especially in the light of Bangalore University's urban and peri-urban outreach.

6. To embed skill, employability, and entrepreneurship in academic programs:

Foster a culture of lifelong learning and career readiness by integrating skilling frameworks into all levels of higher education. The University aims to offer domain-specific skill certifications, incubation support, and industry-oriented programs that enhance employability and entrepreneurial spirit among students, aligned with NCrF and SDGs.

7. To promote internationalization and global academic integration:

Develop strategies for academic collaborations, joint research, student/faculty exchanges, and alignment with international credit and qualification frameworks. Strategic partnerships with institutions of eminence and organizations will be leveraged to position BU as a globally connected academic institution.

8. To foster active stakeholder engagement in planning and implementation:

Establish institutional mechanisms such as Stakeholder Advisory Committees and Academic Councils that actively involve faculty, students, industry, alumni, and policy experts in the design, review, and implementation of the IDP. The transparent communication and co-creation of strategies will ensure shared ownership and long-term commitment.

9. To define measurable outcomes with time-bound targets and performance indicators: Set clear institutional goals with quantifiable metrics across teaching, research, outreach, and infrastructure. Indicators will include graduate employability rates, research publications, consultancy income, digitization indices, and

10. To ensure continuous monitoring, evaluation, and adaptive improvement:

Introduce a feedback-driven, data-supported evaluation mechanism for regular assessment of IDP implementation. A dedicated Monitoring and Review Committee will conduct periodic reviews and recommend course corrections, enabling the University to respond dynamically to emerging challenges and opportunities.

Strengths, Weaknesses, Opportunities, Threats (SWOT)

STRENGTH

1. **Academic Excellence:** Renowned for its diverse range of academic programs across Arts, Science, Law, commerce and Management, Physical Education and Master of Education. The university is accredited with NAAC A++ with CGPA of 3.75 and 65th NIRF-2025 ranking, reflecting BU's reputation and quality.
2. **Research Capabilities:** Extensive multi-disciplinary research projects supported by collaborations with leading institutions e.g., DST, CSIR, UGC, DRDO, ICSSR, ISRO, VGST, EMPRI, etc.
3. **Geographic Advantage:** Prime location in Bangalore, India's Silicon Valley, offering seamless access to global tech companies, startups, and research hubs. Bangalore's status as a global city supports international collaborations and attracts students across the globe.
4. **Experienced and Renowned Faculty:** Highly qualified and well-connected professors with expertise in various fields.
5. **Infrastructure and Facilities:** Good infrastructure, including solar-powered weather stations, high-configuration computer labs, and robust IT networks.
6. **Global and Industry Linkages:** Ongoing partnerships with institutions like American University, UK, Japan, etc. Industry connections with IT firms, government agencies, and others for internships and research.
7. **Commitment to Sustainability:** Proactive alignment with SDGs through research and community projects.
8. **Student-Centric Ecosystem:** Strong focus on student skill-building, internships, and career readiness programs.

9. Social Inclusion: Reflected in its diverse student body, equitable access to education, and active support for marginalized communities

10. Biodiversity conservation: Bangalore University's commitment to biodiversity conservation, evident in its expansive green campus, rich flora and fauna, and active environmental initiatives, is a distinctive strength that fosters ecological awareness and sustainability among students.

1. Infrastructure Limitations

- Need for latest laboratory equipment and ICT facilities, impacting cutting-edge research and learning.
- Requirement of modern seminar halls, face lifting of many departments, chairpersons chambers, washrooms, classrooms, and collaborative spaces.
- Necessity of state-of-art guesthouse facility to host large-scale academic or international conferences.
- Requisite for international hostel.
- Need for modern sports facilities
- Necessity of a centralized server and robust IT infrastructure for data-intensive applications.

2. Financial Dependence:

- Inadequate government grants, resulting in inconsistent funding for research and development.
- Want of significant private sector collaboration and CSR funding to bridge financial gaps.
- Limited success in securing international research grants.

3. Limited Interdisciplinary/multidisceplenary Approach:

- Limited integration across departments for addressing emerging challenges.
- Fewer interdepartmental collaborations for multidisciplinary research programs.

- Demand for flexible curricula for promoting cross-domain learning among students.
- Absence of school concept to share knowledge and work collaboratively among the departments.

4. Limited International Outreach:

- Limited partnerships with top global universities for collaborative research, student & faculty exchange programs.
- Absence of twinning, joint and dual degree programs.
- Low visibility in international student admissions, academic platforms and rankings.
- Challenges in attracting foreign students and faculty due to the absence of global-standard facilities and programs.

5. Access to public inside the campus: :

- Unrestricted public entry into the campus leads to littering, noise, and habitat disturbance, adversely affecting the rich biodiversity of Bangalore University.
- Free access without adequate monitoring increases security risks and necessitates stronger surveillance and controlled entry to protect both the ecosystem and the academic environment.

6. Human Resource Constraints:

- Overburdened faculty due to high student-to-teacher ratios.
- Insufficient / unskilled support staff for managing advanced laboratories and research facilities.
- Limited avenues for faculty development programs to enhance teaching and research capabilities.

OPPORTUNITIES

1. Strategic Industry Collaborations:

- Leverage Bangalore's tech ecosystem to establish partnerships with IT firms, startups, and geospatial companies for funded research, internships, and industry-driven innovation.

2. Government and Policy Support:

- Use government initiatives like ANRF, RUSA, DST programs, PM Research Fellowships, and Skill India Mission for holistic university development.
- Position BU as a key partner in national research programs, particularly in quantum physics, nano technology, climate studies, forensic science, food technology, disaster management, Public Policy, AI/ML, etc.
- Secure grants under Atal Innovation Mission (AIM) for establishing incubation centers for entrepreneurial growth among students.

3. Expanding Research Horizons:

- Tap into the growing demand for expertise in AI/ML, Digital Media Analytics, smart governance, natural Language Processing, Fintech Processing, Accounting, IFRS and data analytics to secure global and national research grants.
- Establish interdisciplinary centers focused on urban sustainability, disaster resilience, and renewable energy technologies.

4. Internationalization and Global Outreach:

- Strengthen academic partnerships with top global universities to promote student and faculty exchange programs.
- Participate in international academic networks like Erasmus+, Fulbright programs, and Horizon Europe for increased visibility.
- Position BU as a hub for global education by offering dual-degree programs and internationally recognized certifications.

5. Capacity-Building Initiatives:

- Set up specialized centers like: Centre of Bioinformatics, Information Technology, national security, digital media research, and Centre of Geo-informatics for skill training in collaboration leading firms.
- Launch faculty development programs (FDPs) to train educators in emerging technologies and methodologies.

6. Sustainability-Focused Development:

- Align with UN SDGs to attract international funding for green and sustainable development projects.
- Implement solar-powered infrastructure and EV-friendly campuses to promote eco-friendly practices.
- Partner with local governments to lead initiatives in water conservation, waste management, and renewable energy adoption.

7. Skilling and Employability Enhancement:

- Launch industry-integrated programs focused on future-ready skills such as Python for data analytics, AI, hands on experience in tax, trading, finance, Fintech, block chain technology etc.
- Create dedicated career services and placement cells to improve employability metrics by connecting students with top recruiters.
- Establish innovation hubs and startup incubators to encourage entrepreneurial ventures among students.

8. Strengthening Community and Social Impact:

- Conduct extension programs to enhance BU's contribution to societal development, including literacy drives and disaster response training.
- Promote community engagement initiatives by offering resources.
- Develop MOOCs and e-learning platforms to reach wider audiences and upskill working professionals.

9. Technological Advancements:

- Upgrade to smart classrooms and e-learning platforms for hybrid learning experiences.
- Use AI-powered tools for predictive analytics in education, enhancing retention rates and student success.
- Build high-performance computing facilities for big data research and bioinformatics.

10. Leveraging Bangalore's Ecosystem:

- Collaborate with Silicon Valley of India stakeholders to drive innovation and research in high-tech domains.
- Establish stronger ties with NGOs and think tanks to address urban challenges such as housing, transport, and environmental degradation.

leader in innovation, sustainability, and academic excellence.

1. Intense Competition:

- Competing with top-tier institutions like IISc, IITs, and private universities in Bangalore, which attract better faculty, research funding, and top-performing students.
- Growing preference for private universities offering cutting-edge infrastructure, global collaborations, and higher employability prospects.
- Increasing presence of foreign universities entering India with flexible, internationally recognized programs.

2. Rapid Technological Advancements:

- Risk of curriculum obsolescence as advancements in AI / ML and Data Science require regular updates to match global standards.
- High costs associated with adopting and maintaining state-of-the-art technology and equipment.
- Limited faculty training programs to ensure educators remain updated with new-age teaching methodologies and technologies.

3. Socio-Economic Shifts:

- Decreasing affordability of higher education for economically weaker sections due to rising costs and fewer scholarships.
- Increasing preference for vocational training programs over traditional degrees among students seeking quicker employment.

4. Shifts in Student Preferences:

- A growing demand for flexible learning options and cross-disciplinary programs may render traditional degrees less appealing.
- Students increasingly seek universities with global rankings and brand value, which may affect BU's enrollment rates.

Enhancing Strengths

1. *Empower Flagship Departments:* Provide cutting-edge resources and infrastructure to leading departments. Establish advanced research facilities and foster innovation-driven programs.
2. *Boost Faculty Excellence:* Offer regular training programs on emerging trends. Encourage high-impact research publications and active participation in international conferences, workshops, and collaborations.
3. *Promote Institutional Reputation:* Highlight BU's strengths to attract academic and industry partnerships.

Addressing Weaknesses

1. *Develop Key Infrastructure:* Facelifting of the departments. Expedite the establishment of the Centre of Bioinformatics, Centre of Information Technology and Centre of Geoinformatics for hands-on learning and advanced research. Modernize classrooms with IT-integrated solutions to enhance teaching and administrative efficiency.
2. *Strengthen Administrative Processes:* Fully operationalize the RAC Cell and introduce single windows in research projects, fellowships, conference / seminars / workshops/ capacity building programs, etc to centralize and simplify research, consultancy, and funding processes. Implement integrated IT systems for faster communication and resource allocation.
3. *Expand Interdisciplinary / Multidisciplinary Programs:* Launch innovative courses focusing on employability, sustainable development, entrepreneurship with data-driven solutions. Develop and introduce twinning, joint and dual-degree programs in collaboration with international universities to attract diverse talent.

Leveraging Opportunities

1. *Forge Global Collaborations:* Strengthen ties with institutions and global partners for research, student exchanges, and faculty development. Pursue funding under schemes like DST, ANRF, and RUSA to support infrastructure, research, and capacity- building projects.

initiatives to attract international funding.

3. *Engage Industry for Funding and Collaboration:* Partner with industries / companies, IT firms, and organizations for applied research, internships, and CSR funding.

Mitigating Threats

1. *Strengthen Technological Capabilities:* Upgrade ICT infrastructure with modern systems and secure platforms to stay competitive in EdTech and prevent cybersecurity threats. Regularly update the curriculum to align with global technological advancements in AI, ML, and Data Analytics.
2. *Expand Global Presence:* Host outcome-based collaborative national / international conferences, workshops, and faculty exchange programs to enhance BU's global reputation. Establish a dedicated international office to attract foreign students and researchers.
3. *Improve Student Outcomes:* Build robust placement and internship cells to ensure students are industry ready. Foster entrepreneurship and skill development programs offered at education institutions to reduce the academia and industry gap.
4. *Enhance Sustainability Practices:* Upgrade campus infrastructure with eco-friendly solutions like renewable energy and climate-resilient facilities. Develop initiatives to tackle environmental challenges, including urban flooding and resource scarcity. This framework ensures that BU's strengths are maximized, weaknesses are systematically addressed, opportunities are actively pursued, and threats are mitigated to achieve IDP goals effectively.
5. *Expand Alumni Network:* Alumni holding influential positions in academia, industry, public administration, and research organizations/Institutes. Regular alumni engagement programs for mentorship, fundraising, and internship opportunities. Alumni contributing to national initiatives in technology, education, and sustainability. Alumni financial assistance to strengthen the infrastructures in Departments.

1. Overview:

Effective governance is pivotal for institutional excellence. Bangalore University (BU) continues to strive for good governance by promoting accountability, transparency and effective decision-making, which are always aligned with vision and mission of the University. Subsequently, from time to time it has provided adequate opportunities for grooming effective leadership and pro-active participation by all the stakeholders. These efforts have intern enhanced the quality of education and administration, contributing for innovations, academic excellence and sustainable growth.

This commitment is well reflected in the restructuring of key bodies such as the Finance Committee, PMEB, Internal Quality Assurance Cell (IQAC), Board of Studies (BoS), and other academic bodies. The introduction of a School System in postgraduate departments aims to improve administrative efficiency and academic synergy. The university is also adopting digital tools like e-Governance and Enterprise Resource Planning (ERP) systems, SMARTH, UUCMS to bring transparency and quality in education.

2. Goals

- Strengthen decentralized administrative systems that promote openness and responsibility in all processes to enhance transparency and accountability.
- Encourage involvement from all stakeholders in governance processes to foster participatory decision-making.
- Adopt e-Governance and Enterprise Resource Planning (ERP) systems to streamline operations by implementing digital governance tools.
- Create a secure and inclusive environment for all stakeholders.
- Design dynamic BU Website as per global standards.
- Introduce Under Graduate and Post Graduate programmes in engineering Faculty

3. Key Strategies

- Implement e-Governance and ERP systems such as e-office, SAMARTH for academic and administrative processes.
- Restructuring key committees like Finance Committee, PMEB, R & D Cell, Board of Studies (BoS), and Internal Quality Assurance Cell (IQAC), Local Inquiry Committee for affiliation of colleges to ensure decentralized and accountable governance.
- Update PG and PhD admission regulations and other policies with University Grants Commission (UGC) guidelines and State Higher Education Council as continuous process.
- Align admissions of UG, PG and regularize admissions of PhD as per state and national academic calendar.
- Flexible UG, PG and PhD admission process to facilitate throughout the year admissions to improve student diversity and gross enrollment ratio.

stakeholder feedback mechanisms for effective governance.

- Prepare and implement action plan for branding university to improve the visibility at global level. Strategize the public appearance and public perception of Bangalore University
- Increase online education opportunities by introducing new online UG and PG programmes. Increase the outreach of Online programmes

4. Action Plans

Sl. No	Action Item	Applicable Stakeholders	Timeline	Responsibility
1	Reform and operationalize centralized ERP (FMS, UUCMS, SAMARTH) portal	IT Cell, UUCMS team, SAMARTH team	2025–2026	Registrar and Finance Officer
2	Orientation for Teaching and Non-teaching through UGC-MMTTC/Government Agencies to ensure digital compliance and effective use of latest technologies and leadership	All teaching and non-teaching staff	2025–2027	MMTTC and IQAC
3	Restructure Finance Committee, PMEB, Research R & D Cell, Board of Studies (BoS), IQAC and other academic and administrative bodies/committees with adequate stakeholder representation.	All administrative and academic stakeholders	2025–2027	Syndicate section/Finance department
4	Streamline examination and admission reforms for all programmes to ensure transparency and accountability.	All academic Departments and centers	2025–2030	Academic and examination sections
5	Develop dashboard-driven performance indicators for departments and Centers/Cell and decision-makers to enhance transparency.	All academic Departments and centers	2025–2027	PMEB and IQAC
6	Extend paperless administration by implementing e-office management	All academic Departments and centers	2025–2027	e-governance cell
7	Institutionalize academic, administrative, Access, Transparency,	All academic Departments and	2025-2027	Registrar and Finance Officer

8	Periodic Open House meetings, and Implement mechanisms for collecting and incorporating feedback from stakeholders in policy-making through BU websites, IQAC, College Development Council.	All academic Departments and centers	2025-2026	Statutory officers, Deans, PMEB, IQAC
9	Develop policies to provide financial autonomy to departments and Centers/Chairs and encouraging them to be self-reliance.	All stakeholders	2025-2030	Statutory officers, Deans, PMEB, Academic and Syndicate committees
10	Introduce AI-based university websites and smart card systems for stakeholders to access all essential services in campus like Library, health centre, Hostel, Sports Clubs, Bicycle, E-Scooters and so on	All stakeholders	2025-2027	IT Cell
11	Invest in physical security and cyber security infrastructure and develop a comprehensive cyber security policy	All stakeholders	2025-2028	IT Center, General Section
12	Continuous branding efforts to enhance in visibility of the university through public relation, marketing and extension activities	All stakeholders	2025-2026	Registrar and PRO

5. Monitoring Mechanism of Governance Enabler

The IDP implementation and monitoring committee will monitor the progress quarterly.

6. Expected Outcomes

- Seamless integration of ERP systems across all departments.
- Effective functioning of reconstituted committees with active stakeholder participation.
- Streamlined and transparent admission processes in compliance with UGC/State Government guidelines
- Improved administrative and academic synergy through the School System in PG departments.
- Institutionalized audits leading to improved quality assurance and accountability
- Departments generating revenue through courses, research projects, and consultancies.

7. Gantt Chart – Physical Enabler Implementation Timeline (2025–2030)

Year	Integration of ERP systems	Reconstitution of committees	Flexible admission processes	Establishment of School System	Institutionalized audits, quality assurance and accountability	Generating revenue
2025	●	●	●	●	●	●
2026	●●	●●	●●	●●	●●	●●
2027	●●●	●●●	●●●	●●●	●●●	●●●
2028	●●●	●●●	●●●	●●●	●●●	●●●
2029	●●●	●●●	●●●	●●●	●●●	●●●
2030	Review	Review	Review	Review	Review	Review

Legend: ●= Initiation ●●= Progress ●●●=Completion

1. Overview:

BU is committed to overall development by optimum utilization of its financial resources as financial sustainability is pivotal for the long-term growth. While traditional funding sources like state grants continue to be significant, the University recognizes the need to diversify and strengthen its financial base. The university envisages to fulfil its objectives by proper financial plans and strategies. The University strategically mobilizes funds from State and Central Government, corporate social responsibility (CSR), industry, and alumni support, and also aligning efforts with UGC, PM-USHA, RUSA, ANRF and funding agencies' priorities, and by controlling the expenditure wherever possible, poised to become a financially robust institution capable of sustaining high-impact research, innovation, and teaching.

2. Goals:

- Ensure fiscal strength through diversified revenue sources through central and state schemes
- Engaging Industry/CSR funds in activities of academic and physical infrastructure development
- Optimize fund utilisation through performance-based budgeting
- Establish self-sustaining programmes and monetization mechanisms.
- Encourage admissions of students with financial support or sponsorship and introduce online programmes for fund mobilization
- Upgrading e-office to bring financial transparency, accountability and effective governance
- Achieve financial prudence through controlling expenditure.

3. Key strategies:

- Ensure fiscal strength through diversified revenue sources through central or state schemes
- Seek finance through government agencies/programmes like UGC-UPE/SAP, DST-FIST/SERB, ATAL Incubation Centre, NSDC, PM-USHA, RUSA, ANRF etc.
- Financing through non-government organizations
- Strengthening alumni network for infrastructure development, student support programmes
- Obtain research grants through collaborative programmes with leading institutions in emerging research areas
- Raise funds through patents commercialization and consultancy
- Mobilizing funds through philanthropists
- Align and identify fund raising sources and expenditure
- Renting out university auditoriums, seminar halls and guest house.

Engaging CSR funds in different activities

- Launch and operationalize a University Development Fund and CSR Facilitation Desk.
- Build strategic partnership with corporates to associate with CSR teams

Optimize fund utilisation through performance-based budgeting

- Regular internal audit to be conducted to check the fund implementation and goals achievement
- Outcome based allocation of financial resources
- Strengthen financial data collection and monitoring system
- Integrate technology for financial efficiency

Establish self-sustaining programmes and monetization mechanisms.

- Introduce innovative and skill-based courses/ programmes
- Establish corporate partnerships for academic programmes
- Monetize research and innovation through industries/government/international collaborations
- Offer consultancy and training services
- Introduce online UG and PG programmes for fundraising along with academic programmes
- Research and other facilities may be made available for other organisations to generate revenue
- Introducing executive programmes for working professionals

Encourage admissions of students with financial support or sponsorship and introduce online programmes for fund mobilization

- Strengthening International student facilitation system
- Using alumni network for UG, PG and PhD sponsorship
- Identifying donors for sponsoring students expenditures
- Enhance online degree programmes by increasing admissions and introducing new programmes.

Upgrading e-office to bring financial transparency, accountability and effective governance

- Implement SAMARTH Portal
- Effective use of e-office

Achieve financial prudence through controlling expenditure

- Enhance lease amount for already leased out areas in the campus

- Reducing the expenditure in examination section by allowing remote valuation of answer scripts, making single valuation for odd semesters, reducing the cost of answer booklets and marksheets
- Revising the credit structure
- Rescheduling working hours, allowing students to attend classes in the morning hours to making the students to pursue part-time earning/another degree/prepare for competitive exams.
- Organizing collaborative conferences/seminars/workshops/capacity building etc.

Applying for funding to organize academic programmes collaboratively

4. Action Plans

Sl. No	Action Item	Applicable Stakeholders	Timeline	Responsibility
1	Engaging Industry/CSR funds in activities of academic and physical infrastructure development and establish CSR facilitation Desk	Academic and administration stakeholders	2025–2026	Administration, Engineering Section, PMEB
2	Optimize fund utilisation through performance-based budgeting	Finance Section	2025–2027	Finance Officer
3	Establish self-sustaining programmes and monetization mechanisms	All administrative and academic stakeholders	2025–2027	Statutory officers, PMEB
4	Encourage admissions of students with financial support or sponsorship and introduce online programmes for fund mobilization	All UG/PG Departments and centers, Alumni Association	2025–2030	Alumni Office, Directorate of online courses
5	Upgrading e-office to bring financial transparency, accountability and effective governance	Finance Section	2025–2027	Finance Officer

5. Monitoring Mechanism of Finance Enabler

The IDP implementation and monitoring committee will monitor the progress quarterly.

6. Expected Outcomes

- Improved academic and physical infrastructures.
- Priority based funding leading to improvements in potential areas.

- More self-sustained programmes with increased student strength
- Increased gross enrolment ratio.
- Improved financial transparency, accountability and effective governance.

7. Finance Enabler Implementation Timeline (2025–2030)

Year	Integration of ERP systems	Reconstitution of committees	Flexible admission processes	Establishment of School System	Institutionalized audits, quality assurance and accountability	Generating revenue
2025	●	●	●	●	●	●
2026	●●	●●	●●	●●	●●	●●
2027	●●●	●●●	●●●	●●●	●●●	●●●
2028	●●●	●●●	●●●	●●●	●●●	●●●
2029	●●●	●●●	●●●	●●●	●●●	●●●
2030	Review	Review	Review	Review	Review	Review

Legend: ●= Initiation | ●●= Progress ●●●=Completion

ACADEMIC ENABLER

1. Overview.

Bangalore University's Academic Enabler is designed to be fully compatible with the objectives and funding guidelines of PM-USHA (Pradhan Mantri Uchchatar Shiksha Abhiyan), UGC schemes, and other funding agencies. The IDP focuses on multidisciplinary curriculum reform, digital infrastructure, research ecosystems, faculty development, and technological innovation in line with global standard. The concept of an Academic Enabler within the Institutional Development Plan (IDP) for the period 2025–2030 focuses on creating a sustainable academic ecosystem that bridges the gap between industry and academia, enhances the employability of students, and strengthens the institution's standing in research, innovation, and internationalization. The enabler outlines key reforms in curriculum, pedagogy, faculty development, academic infrastructure, and student support services. This enabler focuses on fostering interdisciplinarity/ multidisciplinary promoting emerging technologies, enabling research ecosystems, and cultivating globally competent graduates. The aim is to unify academic standards across diverse disciplines.

2. Goals

- Implement **outcome-based education (OBE)** and globally benchmarked research practices.
- Promote societal resilience and sustainable development through collaborative outreach programs.
- Update curriculum as per industry and society needs with embedded skills and emerging technologies in Academics
- Faculty Development and Professor of Practice Implementation
- Boost student employability by introducing skill enhancement courses and programmes.

smart governance

- Encourage research and innovation by collaborations, exchange programs, and global engagement
- Ensure inclusive education with accessible resources for students with disabilities.
- Introduce dual, joint and twinning degree programmes by collaborating with national and international institutions.
- Strengthening Academic Bank Credit (ABC) system and effective automation of evaluation process
- Promote capacity building for faculty, researchers, and students

3. Key Strategies

1. **Curriculum restructuring:** Restructure the curriculum by incorporating skill based, vocational, elective, ability enhancement courses focused on outcome-based education to map to sustainable development goals. This will be achieved by availing global recognition and collaboration through teaching excellence. The Board of Studies consisting of industry experts, eminent educationist, alumni and student's representative will design the curriculum. The credit structure will be flexible to facilitate learning while earning. The curriculum flexibility will be provided by enhancing Academic Bank of Credit (ABC).
2. **Strengthen Academic Infrastructure:** Develop robust teaching, learning and evaluation system. Revise BU PG regulation to suit present day need. Revise intake of admission in all the departments. Enhance teaching learning process by creating inhouse e-resource repositories. Upgrade the existing classroom, labs and museum through smart technologies to implement blended teaching and learning. Implement a centralized Learning Management System (LMS). Set up Virtual Labs in Science, Commerce, Social Science, Humanities. Provide access to digital libraries and remote server computation. The university will collaborate with national and international premier institutions to facilitate dual degree, twinning programme, student mobility

and student exchange. Strengthen academic resource access to PwD. Effective implementation and redressal of student grievances.

3. **Capacity Building for teachers and students:** Capacity building activities for students such as training on integrating technologies, promoting experiential learning, industrial visits, community extension activities, design thinking training, communication skill and personality development activities, mentoring/coaching, internship/apprenticeship etc. The teacher capacity building activities will be implemented through faculty development programmes, faculty exchange, training on modern pedagogies and technology integration and leadership development programmes. Conduct skill audit to assess teachers competencies. Introduce Professor of Practice (POP) in all faculties.
4. **Extended curricular engagement:** Introduce academic clubs and societies. Promote domain related clubs activities and technical festivals. Initiate cultural clubs and activities. Focus of mental health activities and sports clubs.
5. **Online degree programmes:** Increasing number of degree programmes offered through online mode. Increasing credibility and reach of these programmes.

4. Action Plans

Sl. No	Action Item	Applicable Stakeholders	Timeline	Responsibility
1	Curriculum revision with Industry Expert and adoption of OBE with Course Articulation Matrix	All Departments	2025–2026	BoS, Academic Council
2	Introduction of skill and employability courses	All Departments	2025–2027	BOS, Departments
3	Blended learning infrastructure setup / Virtual Labs (LMS in place; training faculty)	All Departments	2025–2027	ICT Cell
4	Formation of research and innovation hubs	All teaching Faculty	2026–2029	PMEB
5	Earn-while-learn policy implementation	Students	2026–2028	Placement Cell
6	Accessible learning for PwDs (Resource kits and support tools distributed)	Registrar Office	2025–2027	Equal Opportunity Cell/Baillie

				examination section
8	Introduction of POP scheme with Industry/Academic/Research/Administrative Experts	Arts, Science, Commerce, Management, Law and Education Faculty.	2025-2027	Vice Chancellor, Deans, PMEB, e-governance cell
9	Creation of digital infrastructure	All	2025-2026	Digital Governance Cell, PMEB
10	Faculty development programs and non-teaching staff training	All	2025-2027	IQAC, MMTC, PMEB
11	Launch interdisciplinary / multidisciplinary programs and certifications	All	2025 onwards	DoS, PMEB
12	International/national MoUs	All	2025-2026	Registrar, PMEB, Skill development center, International Centre
13	Establishment of School system for effective resource sharing and project mobilization	All PG Departments	2025-2027	BOS of all departments, Finance Office, Deans PEMB
14	Develop MOOCs for the SWAYAM Platform.	Various Departments	2025-2030	All departments, MOOC and SWAYAM Cell
15	Increase online degree programmes	Directorate of online degree programmes	2025-2030	Directorate of online degree programmes

5. Monitoring Mechanism

IDP implementation and monitoring committee will monitor the progress quarterly.

6. Expected Outcomes

- All 42 departments aligned with latest curriculum.
- Over 200 faculty members trained in modern pedagogy.
- At least 12 POPs appointed across faculties.

- 70% of graduates gaining industry-ready skills.
- 100% implementation of LMS-based blended learning.
- Trained and tech-enabled non-teaching workforce.
- Establishment of at least 10 international academic collaborations.
- Inclusive environment through dedicated resources for PwDs.
- Increased admission with increased GER

7. Gantt Chart – Academic Enabler Implementation Timeline (2025–2030)

Year	Curriculum Revision & OBE	Skill Courses	LMS & Virtual Lab	Capacity building	Dual degree	Intl. Collaboration (MoUs)	Earn-while-learn	PwD Resources	UPE	PoP	Academic and cultural clubs
2025	●●●	●	●●	●	●	●		●●	●	●	●
2026	●●	●●●	●●●	●●	●●	●●●	●	●●	●●	●●	●●
2027	●	●●	●●●	●●●	●●●	●●	●●●	●●●	●●●	●●●	●●●
2028		●	●	●●	●●●	●	●●	●●			
2029			●	●		●●●	●●●	●●●	●●●	●●●	●●●
2030	Review	Review	Review	Review	Review	Review	Review	Review	Review	Review	Review

Legend: ●= Initiation | ●●= Progress | ●●●= Completion

RESEARCH, INTELLECTUAL PROPERTY, AND SUPPORTIVE ENABLER

1. Overview

Research enabler plays a crucial role in Bangalore University development plans, acting as catalysts for academic excellence, innovation, and impactful research. It provides the necessary infrastructure, funding, and support systems to facilitate research endeavours, ultimately driving the university's mission and vision. The University is committed to enhancing its research capabilities through a structured, interdisciplinary / multidisciplinary / trans-disciplinary innovation-driven approach. The focus for 2025–2030 is on strengthening the Research and Development (R & D) Cell, fostering intellectual property (IP) development, and establishing enabling infrastructure for research and innovation. This enabler will align academic inquiry with national missions and Sustainable Development Goals (SDGs) under Bangalore University's IDP (2025–2030) presents a strategic roadmap for fostering innovation, expanding research capacity, and achieving global competitiveness.

2. Goals

- To operationalize an efficient and dynamic research administration ecosystem.
- To facilitate interdisciplinary / multidisciplinary / transdisciplinary and high-impact research in priority areas.
- To promote innovation through patenting, IP protection, and commercialization.
- To develop strong collaborations with national and international institutions.
- To build institutional capacity through fellowships and advanced computing infrastructure.
- The University ought to adopt a strategy to boost the proportion of Ph.D. holders among its faculty.

3. Key Strategies

- Establish functional and well-resourced R & D and IPR Cells. Also, develop theme-based research centers.
- Engage experts/ Professor of practice from ISRO, IISc, ISI, CSIR-4PI, DST, KSNMDC and other premier institutions as advisors. Also, strengthen partnerships with above and other global institutions.
- Promote research ethics, data integrity, and plagiarism prevention.
- Incentivize patent filing, technology transfer, and commercialization.
- Facilitate JRFs, PDFs, international fellowships and interdisciplinary/multidisciplinary/transdisciplinary research clusters.

4. Action Plan

Sl. No	Action Item	Applicable Faculties	Timeline	Responsibility
1	Design UG & PG curriculum to allow students to explore and work independently on their projects/research under the guidance of their research guide.	All Departments	2025–2026	BoS, Academic Council
2	Identify emerging fields in several disciplines and helps the competent faculty members to do research, publish papers, and file patents.	All Departments	2025–2027	BOS, IQAC
3	Organizing the National and International outcome-based seminar / workshop / symposium / conference along with proceeding publication in high indexed periodicals/ journals/books.	All Departments	2025–2027	PMEB, PM-USHA
4	National and international reputed research publications	All Departments	2026–2029	PM-USHA, IQAC
5	Industries' contribution to the research activities to do the research on live projects and quantify the output.	All Departments	2026–2028	PM-USHA, IQAC
6	University offering citation services to their academic members, stakeholders, and the general public as a convenience to researchers that will aid researchers in improving the citation of their articles.	All Departments	2025–2027	PM-USHA, IQAC
7	Research Database: University library provide access to information resources, training researchers, and facilitating scholarly communication as follows: Remote access facilities with array of updated and recent resources, including books, journals,	All Departments	2025-2027	University Library

	SCOPUS, Web of Science, Google Scholar, Research gate, ORCID IDs and research sharing sites. • Maintain all research related resources in archive portal (i.e, Digital Research Documentation).			
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5. Expected Outcomes:

- Fully operational R&D and IPR Cells.
- 30+ new collaborative research proposals submitted.
- At least 20 patents filed and 50% commercialized.
- 100+ JRFs/20 PDFs engaged in active research.
- 10 interdisciplinary/multi-disciplinary research clusters formed.
- National-level recognition for research excellence and innovation.

6. Monitoring Mechanism

The university research monitoring mechanism actively involves in the quality, progress, and ethical conduct of research projects. It involves defining indicators, collecting data, analysing findings, reporting, and making adjustments to research plans, regular site visits, protocol reviews, ensuring proper documentation completion and all academic based research activities as per the UGC, Government of India and HEI Government of Karnataka rule and regulations. This mechanism main includes the following factors:

4.1 Administrative support

Administrators inspire their subordinates to work correctly to achieve their end goals. It enables the worker to make better use of the university resources to improve their duties and activities in favour of the followings:

- Administrative support
- Legal/Ethics support
- Financial support
- Alumni Network
- Quality Assurance
- Staff hiring/Training

4.2 Research Management:

The BU research management system provides academics to determine the best means of performing research in the following key objectives.

- Academia engagements

4.3 Research Outcomes:

The university allows experts to explore territories, question accepted beliefs, and discover innovative ways to tackle complex questions and many other core objectives as follows:

- Commercialization of research
- Startup incubation
- IP/Technology transfer/Licensing
- Research Publication
- Science Communication

4.4 Research Collaboration Function:

A productive and well-established research collaboration, on the basis of the collaborative arrangements in the following manner:

- Industry Collaborations
- Government Collaborations
- International Collaborations

4.5 Research Fundraising:

The university mobilize fundraising through the following streams:

- Government agencies (UGC/CSIR/DST/KGST/PM-USHA/RUSA...),
- Alumni network
- Industrial support
- Philanthropy...

In view of the above, the following main research monitoring access are

- R&D Cell to submit quarterly reports to the Concern authorities of the University.
- IPR Cell to maintain a patent filing tracker and IP audit report.
- Annual review seminar, hand on/ design thinking workshops, training/capacity building programmes, conferences with external experts and funding bodies.
- Third-party assessment of research output, citations, impact factor and patent.
- Regular dashboard updates on research publication, projects, fellowships, awards/ rewards and outcomes in university websites

6. Strategic Benefits of Alignment Funding

- Attracts international students and faculty for research

7. Gantt Chart for Implementation (2025–2030)

Activity	2025	2026	2027	2028	2029	2030
Activate R&D and IPR Cells		•	••	•••		
Introduce university funded PDFs	•	•	••	••	•••	
Establish Research Ethics Committee		•				
IP Filing & Awareness Campaigns	•	•	•	•	•	•
Launch Thematic Research Centers		•	••	•••		
Setup High-End Computing Infrastructure		••	•••			
Promote Technology Transfer		•	•	•	•	•
Publication support system	•	•	•	•	•	•••
Establish research data bank	•	••	•••		•	•

Legend: • = Initiation | •• = Progress | ••• = Completion

1. Overview:

The Human Resources and Supportive-Facilitative Enablers constitute the foundational pillars of institutional excellence, sustainability, and competitiveness in the dynamic higher education landscape. The BU emphasizes a strategic alignment of human capital development with inclusive, emotional, and operational support systems. The vision is to create a resilient, inclusive, and high-performing academic ecosystem where students, faculty, researchers, and staff can thrive intellectually, emotionally, and socially.

- Promote innovation in pedagogy, leadership development, and academic progression.
- Ensure institutional transparency, accountability, and operational excellence.
- Strengthen mental well-being, campus safety, and stakeholder engagement.

3. Key Strategies

- **Student-Centric Human Resource Enablers:** BU places a strong emphasis on student-centric human resource strategies that ensure equitable access, academic success, and holistic development. A robust admissions framework will be established, integrating academic merit with considerations for diversity, socio-economic background, and regional representation. Equity-driven financial aid, targeted mentorship programs, and academic support systems will help bridge performance gaps and enhance student retention. These measures are designed to cultivate a learning environment that is inclusive, supportive, and conducive to personal and academic growth.
- **Staff Empowerment Initiatives:** BU aims to implement competency-based recruitment and training systems. These will be complemented by transparent induction processes and structured professional development opportunities to enhance efficiency, engagement, and accountability. By aligning staff competencies with institutional needs and providing continuous upskilling, the university will foster a proactive and motivated workforce capable of adapting to dynamic educational demands.
- **Faculty and Researcher Support:** To foster a culture of academic excellence, the university will adopt transparent and merit-based faculty recruitment, tenure, and promotion systems. The institution will support faculty through competitive teaching and research fellowships that recognize innovation, interdisciplinary engagement, and global collaboration. Emphasis will also be placed on faculty career progression, including leadership training and sabbatical programs, to ensure long-term retention and development of academic talent across disciplines.
- **Supportive-Facilitative Enablers:** Supportive-facilitative enablers are designed to enhance the emotional, social, physical and psychological well-being of the university community. Strategies include fostering open communication channels between leadership and stakeholders, implementing emotional wellness and cultural inclusivity programs, and creating safe and secure campus. These initiatives will enhance the sense of belonging, trust, and emotional intelligence within the

university. Additionally, cross-cultural support services will be introduced for students and faculty from diverse backgrounds to facilitate smoother academic and social integration.

- **Cross-Functional Institutional Supports:** Cross-functional strategies will integrate multiple support systems to ensure institutional resilience and long-term sustainability. A robust recognition and reward system will be implemented to acknowledge excellence in teaching, research, administration, and service. Furthermore, the university will institutionalize its legacy, gender equality, moral and ethical values through structured programs aimed at reinforcing institutional identity and emotional engagement among stakeholders.

4. Action Plans for Human Resources and Supportive-Facilitative Enablers

Action Item	Applicable Faculties	Timeline	Responsibility
Design & implement competency-based recruitment and induction policies	All Departments, Establishment section	2025–2026	Registrar, Establishment section
Establish Student Support and Resilience Centres	Student Welfare, Psychology, Social Work, Physical Education, NSS	2026–2027	Deans of all Faculty, PMEB, IQAC
Launch Leadership Development & Faculty Development Programs	Education, Management, Engineering	2025–2029	MMTTC, Establishment section
Promote Local Cultural and Social Assimilation Support	Humanities, Sociology, Performing Arts	2026–2029	Deans of all the Faculty, Cultural Committee
Expand Digital Pedagogy and Innovation Infrastructure	All Departments, IT Cell	2026–2028	Director-ICT, Academic Council
Institutionalize Promotion & Reward Systems	All Academic Sections	2027–2029	Registrar, PMEB, IQAC
Launch Interdisciplinary Research Platforms	Science, Technology, Social Sciences, Arts, Law and Education	2026–2029	Deans of all the faculty, Chairpersons/ Coordinators/Directors/Principals
Establish Comprehensive Mental Health Infrastructure	Health Centre, Psychology Department	2026–2028	Medical Officer, Dept of Psychological counselling, Directorate of Student Welfare
Implement	Establishment sections, ICT	2025–2029	Registrar, ICT Director

Achieve UGC/PM-USHA Benchmark Compliance	All departments	2025–2030	PMEB, IQAC, PM-USHA/RUSA Nodal Officer
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5. Monitoring Mechanism

- Quarterly Review Committees (QRCs) under the Internal Quality Assurance Cell (IQAC) to evaluate progress and implementation.
- Digital Dashboards tracking Key Performance Indicators (KPIs) across recruitment, training, faculty performance, and student well-being.
- Annual Stakeholder Feedback Surveys for efficacy analysis.
- Mid-term Evaluations aligned with UGC/PM-USHA/NIRF/NAAC benchmarking to assess impact and scalability.

6. Expected Outcomes

- 90% satisfaction rate among students, faculty, and staff.
- 40% increase in faculty development program participation.
- 50% increase in multi-disciplinary research collaborations.

Functioning stakeholder wellness centres

8. Gantt Chart for Implementation (2025–2030)

Key Activities	2025	2026	2027	2028	2029	2030
Policy Frameworks & Recruitment Revamp	•	••	••	••	•••	•••
Induction & Resilience Centres		•	••	••	••	•••
Digital Infrastructure Roll-out	•	•	••	•••		
Pedagogical Innovation & Mental Wellness Expansion		•	•	••	••	•••
Academic achievements recognition & Reward Systems	•	•	•	•	••	•••
Leadership training & Cultural Integration Programs		•	•	••	•••	
Final Review & Sustainability Planning		•	•	••	••	•••

Legend: • = Initiation | •• = Progress | ••• = Completion

1. Overview:

The Enabler for Networking and Collaborations seeks to establish dynamic and sustainable partnerships that enhance research, academic excellence, employability, and community development. By leveraging integrated networks with academia, industry, government, and civil society, Bangalore University aims to create a multi-dimensional ecosystem that fosters innovation, experiential learning, and socio-economic impact. The 'Enablers for Networking and Collaborations' IDP of Bangalore University (2025-2030) lays a comprehensive roadmap for driving innovation, inclusivity, and impact. Through its strategic integration with national missions and institutional strengths, it aims to create a future-ready, globally competitive academic and research ecosystem.

2. Goals

- Develop strategic MoUs with national and international institutions, universities, industries
- Strengthen alumni engagement for mentorship, research, and funding.
- Align academic programs with industry standards.
- Foster collaborative research and academic mobility.
- Enhance practical learning through industry projects and social engagement.
- Promote consultancy, innovation, and entrepreneurship among faculty, research scholars and students.

3. Key Strategies

- Forge Integrated Partnerships with industry, academia, and communities through dedicated networking and consultancy cell under the PMEB.
- Promote alumni engagement for academic and financial support by forming alumni governing council and formalise the alumni interaction through action plan.
- Establish joint research initiatives and consortia with other nationally and internationally acclaimed academic institutions research centers.
- Include alumni, industry experts in respective BOS and establish industry linkage to expose students to internship, employment and research projects.
- Initiate the appointment of professor of practice, visiting professors, online/offline faculty/student exchange programmes.
- Enhance the reach of incubation center for entrepreneurship, startups and ideation, promote university departments to get empanelled in various state and central government departments

4. Action Plans

Sl. No	Action Item	Applicable stakeholders	Timeline	Responsibility
1	Identify and sign MoUs with strategic partners.	All Departments/centers	2025–2027	PMEB, Development Section, All departments and centers
2	Establish Alumni Affairs Cell, governing council and digital alumni portal	Alumni Association	2025–2027	PMEB
3	Create a centralized Industry Interface Cell.	All Departments	2025–2027	Placement cell/ Skill development center
4	Organize annual industry-academia conclaves.	All departments	2026–2029	Skill development center/ Placement cell
5	Strengthen Bangalore University Startup & Incubation Hub.	All departments	2026–2028	IQAC and Skill development cell
6	Establish a global alumni endowment fund.	Registrar Office	2025–2027	Alumni Affairs Cell and governing council
7	Appointment of professor of practice, visiting professors, online/offline faculty/student exchange programmes.	All departments	2025-2027	PMEB
8	Include industry experts in respective BOS	All Departments	2025-2026	Concerned BOS chairpersons

5. Monitoring Mechanism

- **R&D and IPR Cell** to oversee research collaborations and consultancy outcomes.
- **IQAC** to ensure quality and accreditation milestones.
- **Alumni Affairs Cell** to maintain alumni participation and records.
- **Placement Cell** to monitor internship and job placements.
- **Industry Interface Cell** for regular partnership reviews.
- Review reports and mid-term IDP assessments.

6. Expected Outcomes

- 100% active MoUs with national/international partners.
- 10+ dual/joint / twinning degree programs initiated.
- Alumni contributions exceed INR 1 Crore.
- Placement ratio improved by 30%.
- 5 startup ventures incubated.
- Participation in 10+ international research projects.
- Increased number of quality publications
- Recognition from National/International Accreditors.

6. Gantt Chart – Networking and Collaborations Enabler Implementation Timeline (2025-2030)

Year	sign MoUs with strategic partners	Alumni Affairs Cell	Alumni governing council	Digital alumni portal	Centralized Industry Interface Cell	Annual industry-academia conclaves	Startup & Incubation center	Global alumni endowment fund	Appointment of professor of practice, visiting professors, online/offline faculty/student exchange programmes	Industry experts in respective BOS
2025	●●●	●	●●	●	●	●		●●	●	●
2026	●●	●●●	●●●	●●	●●	●●●	●	●●	●●	●●
2027	●	●●	●●●	●●●	●●●	●●	●●●	●●●	●●●	●●●
2028		●	●	●●	●●●	●	●●	●●		
2029			●	●		●●●	●●●	●		
2030	Review	Review	Review	Review	Review	Review	Review	Review	Review	Review

Legend: ●= Initiation | ●●= Progress | ●●●= Completion

9. Alignment with PM-USHA / RUSA / UGC / DST / BU Funding Priorities

- **PM-USHA:** Emphasizes multidisciplinary education, academic mobility, and alumni involvement.
- **RUSA:** Focus on innovation, quality assurance, and digital learning.
- **UGC:** Supports accreditation, MoUs, and alumni engagement.
- **DST:** Research consortia, industry partnerships, and incubation centers.
- **BU Priorities:** Quality research, global visibility, employability, and outreach.

10. Strategic Benefits of Alignment Fundings

- Funding from RUSA/UGC ensures sustainability and national benchmarking.
- DST projects foster innovation and attract international collaboration.
- PM-USHA funding aligns with NEP goals of interdisciplinary, holistic education.
- Enhanced visibility through accreditation improves CSR and alumni donations.
- Strengthened partnerships create avenues for foreign grants and technology sharing.

1. Overview:

Bangalore University has devised a strategic plan focusing on the enhancement of physical infrastructure as a foundational pillar for institutional transformation. The vision is to create a dynamic, inclusive, smart, and sustainable campus that fosters academic excellence, research innovation, skill development, and overall student well-being. The IDP's mission is to implement phased, sustainable, and inclusive infrastructure projects ensuring accessibility, safety, environmental consciousness, and responsiveness to evolving educational needs. Through strategic investment and progressive design, Bangalore University aims to evolve into a model smart and green public university.

2. Goals:

- Advanced integration of digital and smart infrastructure.
- Renovating and face-lifting of existing buildings.
- Enhancements in sustainability and green campus initiatives.
- Increased accessibility and inclusivity.
- Focused research facilities for emerging fields.
- Modernized maintenance of current infrastructure.

3. Key Strategies:

- Renovate and enhance the class rooms, laboratories, seminar halls, staff rooms, department libraries.
- Build academic block for proposed new Undergraduate/postgraduate programmes programmes.
- Build an international hostel to house international students.
- Renovate social science blocks with state-of-the-art amenities.
- Facelifting of all academic blocks by renovating wash rooms, drinking water facilities, ladies common rooms etc.
- Construction of centralised overhead tank so as to facilitate seamless water supply through gravity to supply water to all academic/administrative block, hostels and housing complexes.
- Establish a digital learning studio for creating MOOCs and hosting virtual labs to expand outreach and e-learning capabilities.
- Regularise energy production and consumption from installed solar panels to meet sustainability.

such as rainwater harvesting in all the buildings and the bio-diversity space and greywater recycling from hostels, as per green campus models.

- Establish bio-gas plant to process food waste. Establish a system to effective e-waste management.
- Upgrade sports complexes and various play fields with international standards and necessary equipment.
- Establish wellness centre with yoga and meditation facilities.
- Establish an emergency response system with trained personnel and well-equipped control centers.
- Build vibrant community spaces such as cafeterias and open-air amphitheatres.
- Create universal design principles across all buildings, including landscaping, ramps, elevators, tactile paths, and braille signage.
- Integrate assistive technology labs with devices like screen readers and speech-to-text systems by empowering Braille resource centre
- Introduce e-vehicle and bicycles, for mobility within the campus to promote ecofriendly environment.
- Upgrade health centres with 24/7 telemedicine, mental health counselling, and diagnostic labs, specialist visiting facilities with OPD.
- Build a complex with day to day requirements such as stationary, grossary shops, medical shops, etc.
- Enrichment of Bio-parks to protect natural habitats through fencing

4. Action Plans

Sl. No	Action Item	Applicable Faculties	Timeline	Responsibility
1	Renovate and enhance the class rooms, laboratories, seminar halls, staff rooms, department libraries	All Departments	2025–26	PMEB and IQAC
2	Facelifting of all academic blocks by renovating wash rooms, drinking water facilities, ladies common rooms etc	All teaching departments	2025–2027	Engineering Division
3	Implement waste management systems and water conservation measures	All Departments	2025–2027	Bio-park/Engineering section
4	Regularise energy production and consumption from installed solar panels	Entire campus	2026–2027	Engineering section
5	Construction of centralised overhead tank	All departments	2026–2028	Engineering section

	ground water recharge	campus		section
8	Build cafeterias and open-air theatres	All Departments	2025-2030	Engineering section
9	Create universal design principles across all buildings, including ramps, elevators, tactile paths, and braille signage	All buildings	2025-2030	Engineering section
10	Arrange e-vehicle and cycles for mobility within the campus	Students and staff	2025-2027	PM-USHA
11	Upgrade health centers with 24/7 telemedicine, mental health counseling, and diagnostic labs.	Students and staff	2025-2027	PM-USHA
12	Build multi-purpose shopping complex	All stakeholders	2026-2028	Engineering section
13	Renovate social science blocks with state-of-the-art amenities	Social Science departments	2025-2027	Engineering section
14	Build academic block	All students	2025-2027	PM-USHA
15	Enrichment of Bio-parks to protect natural habitats through fencing	Entire bio-park	2025-2030	PM-USHA
16	Upgrading all the interior roads with proper drainage, water harvesting and street lights within campus	All stakeholders	2025-2030	Engineering section

5. Monitoring Mechanism

Physical Infrastructure Development Cell (PIDC):

- To be set up under the Registrar's office with representation from engineering, finance, planning, and academic units
- Quarterly progress reviews and reports to the competent authority

Third-Party Quality Audits:

- Engagement of external agencies for technical audit of infrastructure projects

PMEB and IQAC to ensure the physical infrastructure to align with national standards prescribed by UGC.

- **Bio-park and Engineering section** to implement zero waste system.

6.Expected Outcomes

- Smart infrastructure across all departments and campus.
- Established sustainable and green campus with green buildings and effective zero-waste management system
- Increased accessibility and inclusivity of PWD students and staff.
- Decreased dependency on external energy by utilizing solar energy.

- Safe and secured campus life for students and staff round the clock.
- Modernized maintenance of current infrastructure.
- Enriched campus life with cultural and recreational facilities.
- Emergency health care facility for campus residents.

7. Gantt Chart – Physical Enabler Implementation Timeline (2025–2030)

Year	Smart infrastructure across all departments	Green campus	Safe and secured campus	Energy production and consumption	Zero-waste management systems	Cafeterias and open-air theatres	Universal design principles across all buildings	e-vehicle for mobility	Upgrade health centers	Build academic block	Renovate social science blocks
2025	●●●	●	●●	●	●	●		●●	●	●	●
2026	●●	●● ●	●● ●	●●	●●	●●●	●	●●	●●	●●	●●
2027	●	●●	●● ●	●●●	●●●	●●	●●●	●●●	●●●	●●●	●●●
2028		●	●	●●	●●●	●	●●	●●			
2029			●	●		●●●	●●●	●			
2030	Review	Review	Review	Review	Review	Review	Review	Review	Review		

Legend: ●= Initiation | ●●= Progress | ●●●= Completion

1. Overview

The Digital Enabler initiative at Bangalore University aims to build a student-centric, smart, and globally connected digital campus by integrating advanced technologies like cloud computing, AI tools, centralized data systems, and digital learning platforms. Leveraging ICT, the initiative enhances teaching, research, governance, and learner engagement. Key components include LMS, virtual labs, smart classrooms, AI-powered analytics, and a Digital Innovation Hub. It promotes transparency, cost-effectiveness, and agile decision-making. The university will align with national initiatives like SWAYAM, DIKSHA, e-Samarth, and NAD-Digilocker, while investing in digital infrastructure, cybersecurity, and faculty capacity building. This transformation will position Bangalore University as a resilient, inclusive, and globally competitive Digital University of the future.

2.Goals:

- Upgrade the digital infrastructure to support hybrid teaching and research activities, including high-quality video conferencing tools, interactive panels/ whiteboards, and cloud storage for seamless access to academic resources.
- Create dedicated research spaces equipped with specialized laboratories, computing facilities, and advanced equipment that faculty can access for research purposes.
- Ensure compliance with cybersecurity norms and prioritize data privacy through lawful, secure data handling and disaster recovery planning.
- Align with national digital education policies such as NAD, SWAYAM, ABC, e-Samarth and UGC Digital Mission to ensure interoperability and scale.
- Use AI-driven analytics to support career counseling and placement services, matching students with relevant job opportunities based on their profiles, skills, and preferences.
- Create a fully connected campus where all facilities (academic buildings, hostels, sports complexes, etc.) are integrated into a single IoT-driven platform, enabling seamless communication, data exchange, and real-time monitoring.
- Actively promote digital presence of university and its activities through web portal and social media platforms

3. Key Strategies:

- Implement a two-year phase-wise digital transformation plan using in-house resources and partnerships with IT service providers.

- Upgradation of digital infrastructure framework by establishing High-Speed Optical Fiber Backbone, Campus-Wide Wi-Fi and Network Access, SIM-Based Air Fiber as Backup and VPN Network over Static IP etc.
- Enable Digital Campus Operations and Security by initiating Biometric Attendance and Access Control, CCTV Surveillance and Intelligent Command Center and Smart Identity Cards.
- Develop a university app for students and staff to access academic schedules, library resources, and administrative services.
- Conduct regular training programs for faculty, students, and administrative staff to build digital competencies and ensure smooth platform adoption.
- Create a Digital Governance Cell responsible for overseeing ICT policy, implementation, monitoring, cybersecurity, and system updates.
- Establishment of Data Center, Cloud, and Digital University Services such as State-of-the-Art Data Center, Cloud Labs with Access to AWS, GCP, and Azure, Learning Management System (LMS), Worldclass portal and Integration with Existing Applications, efficient examination management, and analytics to ensure scalability and reliability. Enhance digital evaluation system by providing remote access to evaluators with end-to-end encryption and access control mechanisms.
- Promoting Innovation and Emerging Technologies by establishing Innovation Labs and Maker Space and IoT Integration.
- Upgrade all classrooms into smart classrooms equipped with digital boards, IoT sensors, and high-speed connectivity.
- Provide access to national digital resource for teaching, learning and certification such as SWAYAM, NPTEL, NDL, e-Yanthra, FOSS, spoken tutorials etc.
- Implement e-Samarth and UGC e-governance tools for seamless credentialing and data sharing.
- Design, develop, and deliver e-learning resources and hybrid learning programs with digital assessment and feedback tools.
- Implement secure authentication, and regular audits for data protection and legal compliance.
- Use real-time dashboards, analytics, and feedback tools to measure effectiveness, identify gaps, and ensure continuous digital improvement
- Enhance digital presence of university through dynamic website, and social media presence.

4.Action Plans

Sl. No.	Action Item	Applicable Stakeholders	Timeline	Responsibility
1	Ensure high-speed, reliable Wi-Fi coverage across the entire campus, including academic blocks libraries, hostels, and common areas.	All Departments	2025–2026	PM USHA/e-Governance cell/ IT Cell
2	Strengthening robust Cloud-Based Learning Management System to implement online lectures, assignments, grading, student engagement etc.	All Administrative and teaching departments	2025–2027	PM-USHA
3	Set up a centralized digital platform for managing faculty and student data, academic/administrative records, attendance, course registration etc.	All Departments	2025–2027	Digital Governance Cell
4	Campus-wide IoT (Internet of Things) Deployment by establishing smart sensors in key areas to monitor lighting, temperature, and occupancy to optimize energy use.	Entire campus	2026–2027	Digital Governance Cell, Engineering section
5	Introduce smart lighting systems (motion-sensor lights in corridors, classrooms, etc.)	All departments	2026–2028	Digital Governance Cell, Engineering section
6	Establishment of Data Center, Cloud, and Digital University Services	All stakeholders	2025–2027	Engineering section
7	Deploy AI-enabled CCTV systems and biometric access control for monitoring	Entire campus	2025-2027	DGC/ general Section
8	Install access control systems in hostels, libraries, and other high-security areas, using RFID cards or biometric access	All Departments	2025-2030	DGC/ Engineering section
9	Set up a Big Data infrastructure to collect and analyze data from various sources (e.g., academic performance, campus traffic, energy consumption, etc.) for evidence-based decision-making.	All buildings	2025-2030	DGC/IQAC
10	Enhance digital presence of university through dynamic website, and social media presence	Students and staff	2025-2027	DGC/Website committee/PRO

robotics, IoT, and blockchain to promote interdisciplinary research and development in technology and sustainability.			
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5. Monitoring Mechanism

- The IDP implementation and monitoring committee will monitor the progress quarterly
- Establishment of Digital Transformation Monitoring Committee (DTMC)**
Composition: Consists of University administration and technical committee members with external experts. Members: Director IQAC, Chairperson Computer Science, Director DGC, 2 External Experts from reputed IT firms or academic institutions
Role: Oversee planning, execution, and review of digital initiatives. Approve quarterly reports and recommend corrective measures

6. Expected Outcomes

- Advanced digital and smart classrooms across all departments.
- Robust campus wide networking system
- Digital Campus Transformation.
- Enhanced Teaching–Learning Experience
- Efficient Data Management & Security
- Improved Academic Monitoring and Evaluation
- Strengthened Alumni & Placement Systems
- Capacity Building and Digital Culture

7. Gantt Chart – Physical Enabler Implementation Timeline (2025–2030)

Year	smart classroom facility	Campus-wide network	Digital Campus Transformation	Enhanced Teaching–Learning Experience	Efficient Data Management & Security	Improved Academic Monitoring & Evaluation	Strengthened Alumni & Placement Systems	Capacity Building and Digital Culture
2025	●●●	●	●●	●	●	●		●●
2026	●●	●●●	●●●	●●	●●	●●●	●	●●
2027	●	●●	●●●	●●●	●●●	●●	●●●	●●●
2028		●	●	●●	●●●	●	●●	●●
2029			●	●		●●●	●●●	●
2030 Review	Review	Review	Review	Review	Review	Review	Review	Review

Legend: ●= Initiation | ●●= Progress | ●●●= Completion